

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045843.D
 Acq On : 24 Jun 2020 12:04
 Operator : CG/JU
 Sample : PB129710BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

Quant Time: Jun 24 12:49:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	44368	20.00	ng	-0.01
21) Naphthalene-d8	10.73	136	170983	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	122480	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	310788	20.00	ng	0.00
76) Chrysene-d12	21.58	240	313732	20.00	ng	0.00
86) Perylene-d12	24.71	264	346236	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	251685	95.82	ng	-0.02
7) Phenol-d6	7.14	99	349660	87.52	ng	-0.02
23) Nitrobenzene-d5	9.08	82	346091	92.47	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	175911	95.13	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	781658	93.79	ng	0.00
79) Terphenyl-d14	19.94	244	1465519	94.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	36771	30.567	ng	98
3) Pyridine	3.76	79	108454	30.424	ng	98
4) n-Nitrosodimethylamine	3.68	42	49380	41.268	ng	91
6) Aniline	7.24	93	174710	37.140	ng	100
8) 2-Chlorophenol	7.50	128	123347	43.874	ng	93
9) Benzaldehyde	7.05	77	63047	26.274	ng	96
10) Phenol	7.17	94	163845	42.326	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	109642	37.290	ng	97
12) 1,3-Dichlorobenzene	7.81	146	130202	38.862	ng	99
13) 1,4-Dichlorobenzene	7.95	146	129657	38.744	ng	98
14) 1,2-Dichlorobenzene	8.27	146	123010	38.396	ng	96
15) Benzyl Alcohol	8.17	79	122623	39.662	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	101694	36.698	ng	81
17) 2-Methylphenol	8.40	107	107072	37.167	ng	99
18) Hexachloroethane	9.00	117	49476	38.927	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	102027	38.844	ng	98
20) 3+4-Methylphenols	8.73	107	145065	38.288	ng	# 75
22) Acetophenone	8.74	105	182745	38.940	ng	# 94
24) Nitrobenzene	9.12	77	154775	38.784	ng	97
25) Isophorone	9.64	82	276360	38.141	ng	99
26) 2-Nitrophenol	9.84	139	67638	40.682	ng	92
27) 2,4-Dimethylphenol	9.93	122	110511	43.537	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	152204	40.215	ng	98
29) 2,4-Dichlorophenol	10.40	162	125312	42.314	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	139659	39.835	ng	97
31) Naphthalene	10.77	128	370010	39.582	ng	100
32) Benzoic acid	10.12	122	68053	42.585	ng	# 87
33) 4-Chloroaniline	10.89	127	127445	32.556	ng	96
34) Hexachlorobutadiene	11.06	225	97356	39.046	ng	97
35) Caprolactam	11.66	113	22200	23.165	ng	88
36) 4-Chloro-3-methylphenol	12.06	107	148677	43.481	ng	99
37) 2-Methylnaphthalene	12.39	142	280615	40.313	ng	99
38) 1-Methylnaphthalene	12.60	142	266085	40.395	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	159180	39.470	ng	98

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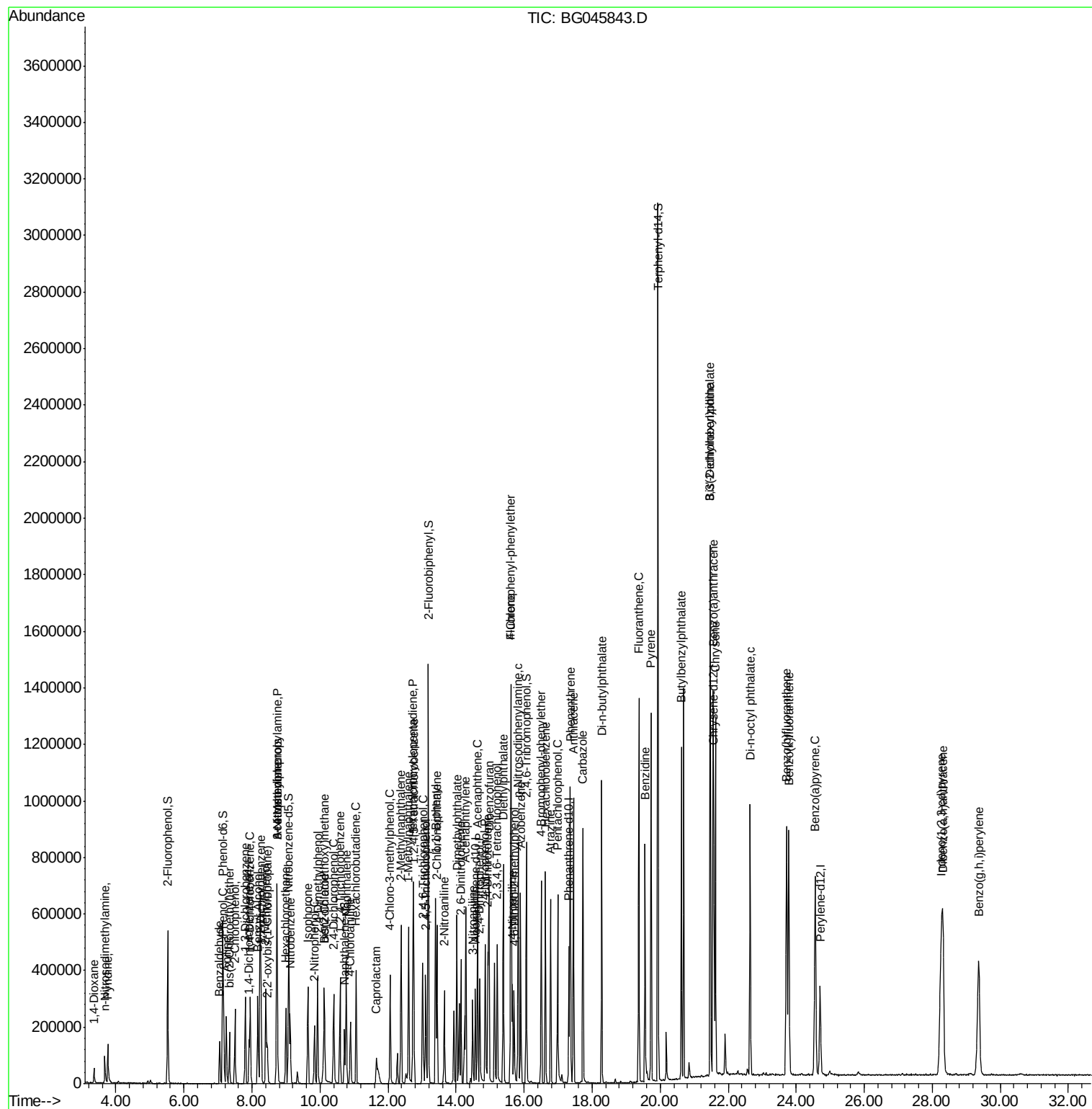
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	181557	81.342	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	112380	41.099	ng	97
44) 2,4,5-Trichlorophenol	13.11	196	116872	37.502	ng	96
46) 1,1'-Biphenyl	13.40	154	359306	40.975	ng	98
47) 2-Chloronaphthalene	13.44	162	283789	40.064	ng	98
48) 2-Nitroaniline	13.66	65	98331	41.733	ng	99
49) Acenaphthylene	14.28	152	464105	40.906	ng	98
50) Dimethylphthalate	14.03	163	400728	41.764	ng	98
51) 2,6-Dinitrotoluene	14.14	165	93379	43.330	ng	98
52) Acenaphthene	14.63	154	280135	40.734	ng	99
53) 3-Nitroaniline	14.48	138	78193	36.325	ng	94
54) 2,4-Dinitrophenol	14.69	184	103723	85.731	ng	94
55) Dibenzofuran	14.97	168	466863	41.788	ng	100
56) 4-Nitrophenol	14.85	139	118256	76.843	ng	96
57) 2,4-Dinitrotoluene	14.94	165	134459	43.546	ng	# 96
58) Fluorene	15.62	166	400536	43.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	112166	41.469	ng	96
60) Diethylphthalate	15.39	149	426367	43.468	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	218590	40.825	ng	99
62) 4-Nitroaniline	15.65	138	95193	43.089	ng	95
63) Azobenzene	15.90	77	402499	42.736	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	85541	44.537	ng	93
66) n-Nitrosodiphenylamine	15.83	169	354787	40.304	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	153128	37.919	ng	99
68) Hexachlorobenzene	16.63	284	171969	41.067	ng	96
69) Atrazine	16.78	200	139034	40.703	ng	99
70) Pentachlorophenol	16.99	266	144007	70.711	ng	95
71) Phenanthrene	17.36	178	671475	41.892	ng	99
72) Anthracene	17.45	178	679100	42.547	ng	99
73) Carbazole	17.73	167	631819	41.573	ng	99
74) Di-n-butylphthalate	18.28	149	771127	42.852	ng	100
75) Fluoranthene	19.37	202	873749	44.331	ng	100
77) Benzidine	19.55	184	514627	63.097	ng	99
78) Pyrene	19.74	202	861077	40.987	ng	99
80) Butylbenzylphthalate	20.62	149	351210	39.939	ng	99
81) Benzo(a)anthracene	21.56	228	831736	40.891	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	283416	36.836	ng	95
83) Chrysene	21.62	228	813005	41.325	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	498924	40.790	ng	98
85) Di-n-octyl phthalate	22.64	149	856079	40.575	ng	100
87) Indeno(1,2,3-cd)pyrene	28.27	276	1060670	42.257	ng	99
88) Benzo(b)fluoranthene	23.71	252	925504	42.633	ng	98
89) Benzo(k)fluoranthene	23.78	252	866358	41.698	ng	100
90) Benzo(a)pyrene	24.56	252	835973	41.224	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	858224	42.638	ng	100
92) Benzo(g,h,i)perylene	29.36	276	860134	42.693	ng	98

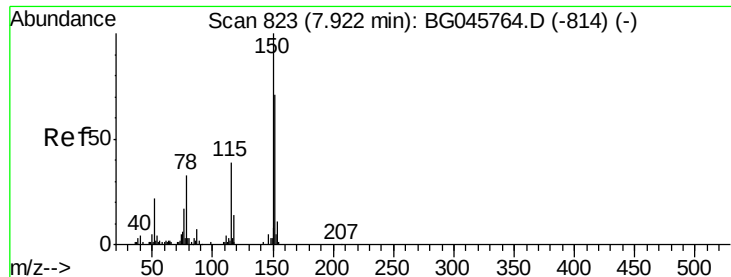
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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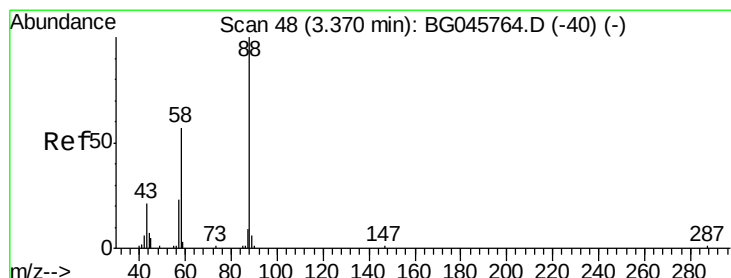
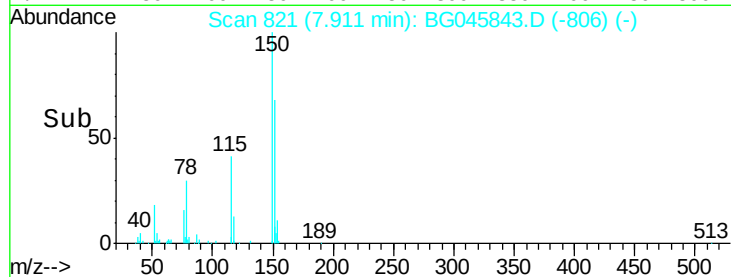
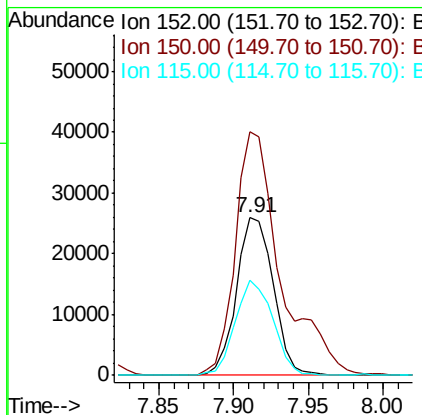
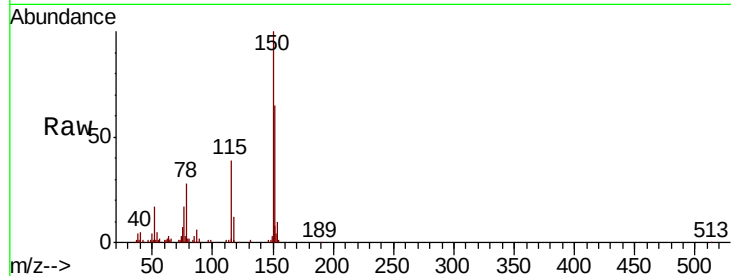


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Instrument :
 BNA_G
 ClientSampleId :
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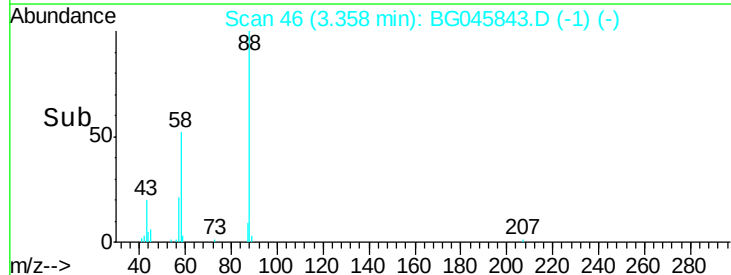
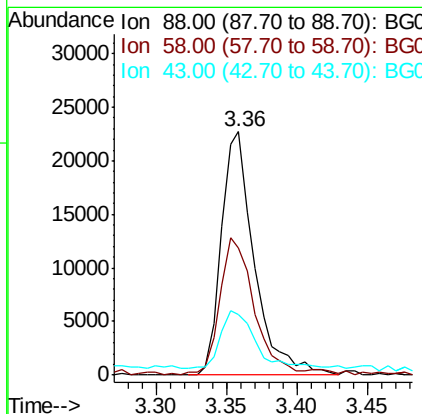
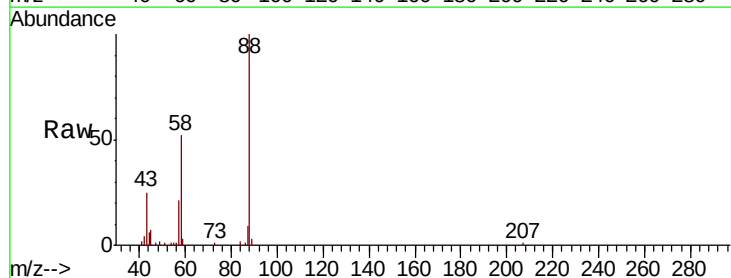
Tot Ion:152 Resp: 44368
 Ion Ratio Lower Upper
 152 100
 150 154.4 113.1 169.7
 115 60.4 43.8 65.6

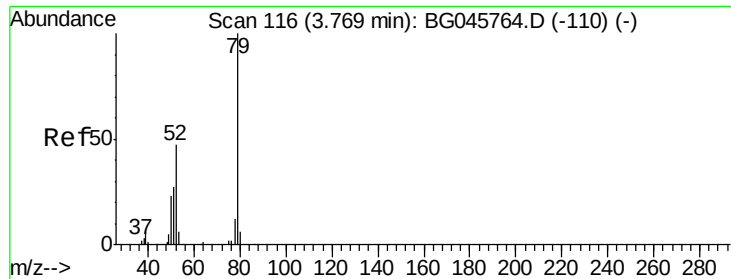


#2

1,4-Dioxane
 Concen: 30.567 ng
 RT: 3.36 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion: 88 Resp: 36771
 Ion Ratio Lower Upper
 88 100
 58 59.2 46.1 69.1
 43 24.4 19.2 28.8





#3

Pvridine

Concen: 30.424 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

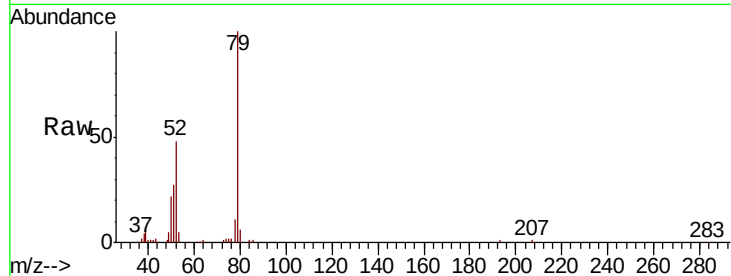
Tot Ion: 79 Resp: 108454

Ion Ratio Lower Upper

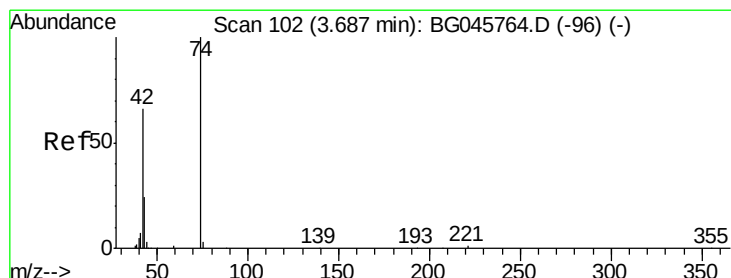
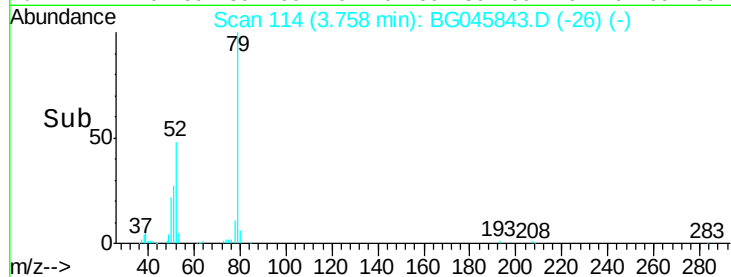
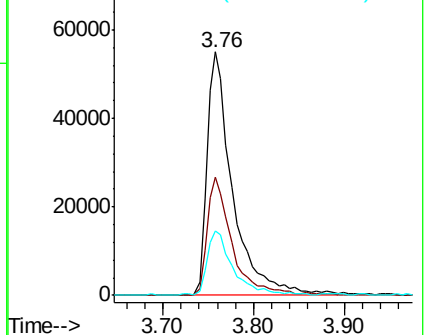
79 100

52 48.4 37.9 56.9

51 26.6 22.0 33.0



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: 41.268 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

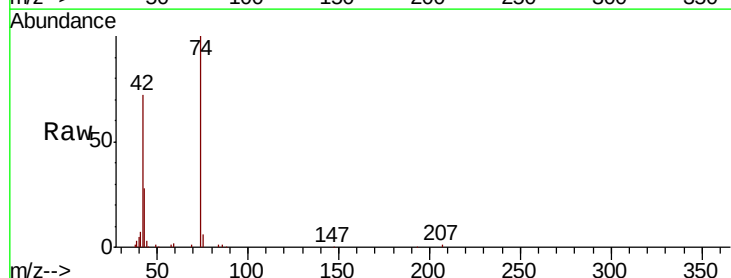
Tgt Ion: 42 Resp: 49380

Ion Ratio Lower Upper

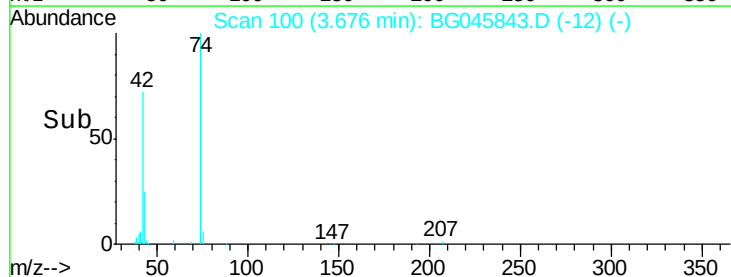
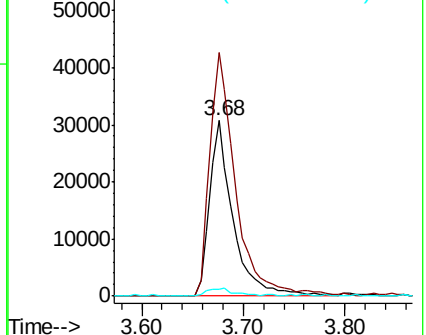
42 100

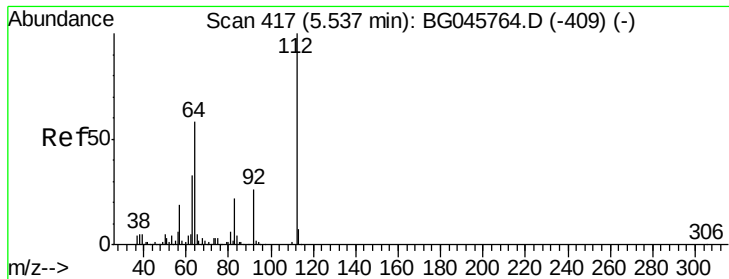
74 138.9 121.0 181.4

44 3.9 3.5 5.3



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: 95.825 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.02 min

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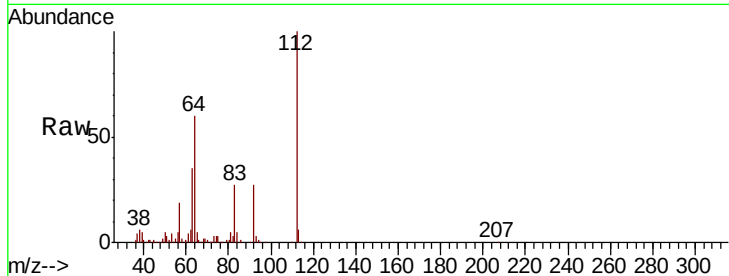
Tot Ion:112 Resp: 251685

Ion Ratio Lower Upper

112 100

64 59.7 46.6 69.8

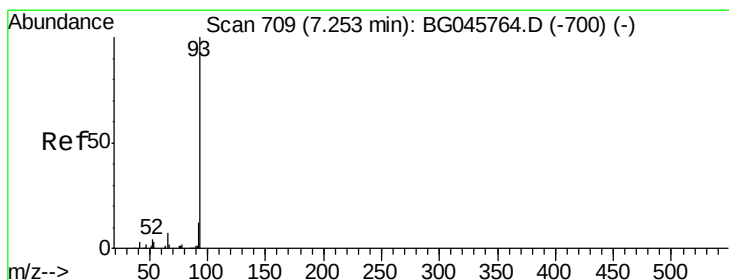
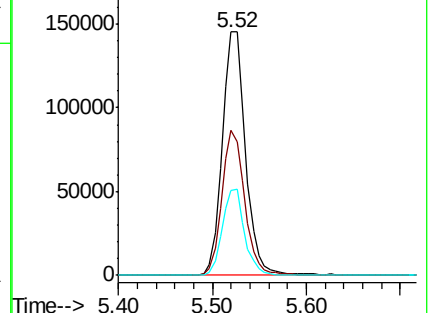
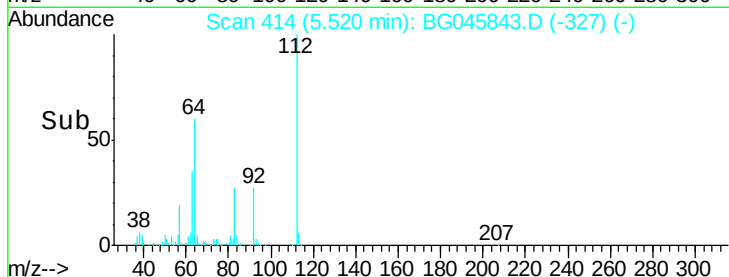
63 35.1 26.3 39.5



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: 37.140 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG045843.D

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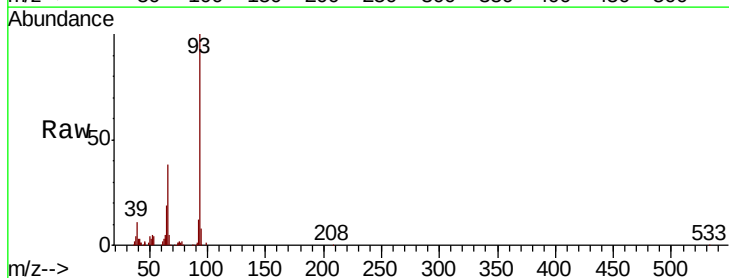
Tgt Ion: 93 Resp: 174710

Ion Ratio Lower Upper

93 100

66 37.6 30.0 45.0

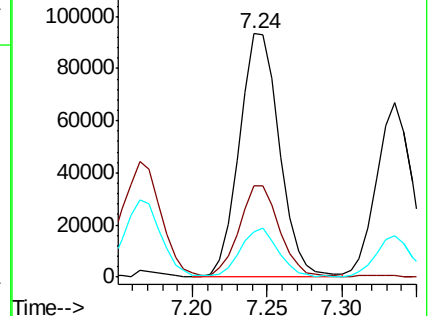
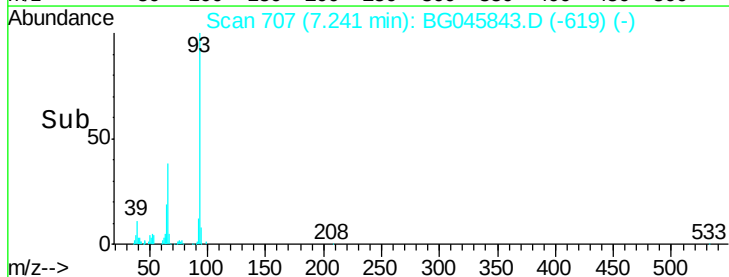
65 18.8 14.7 22.1

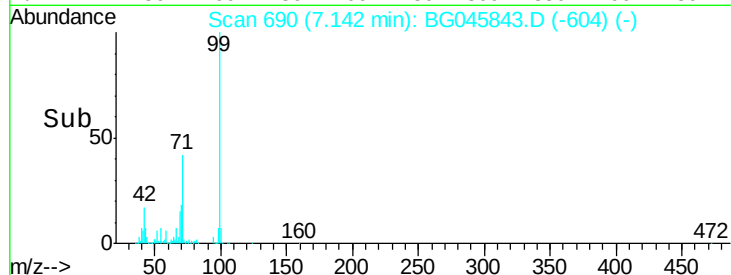
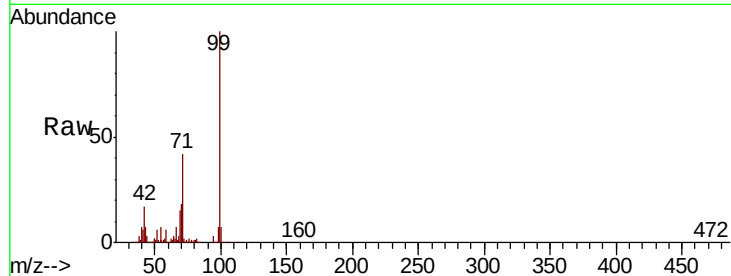
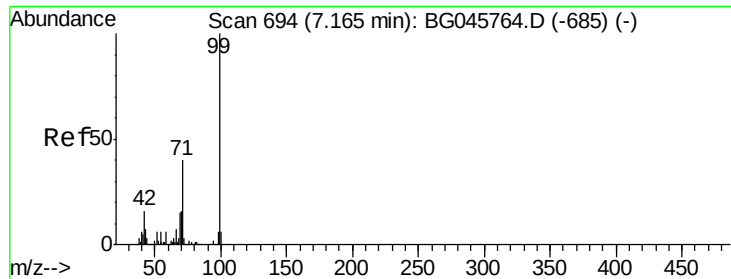


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.521 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

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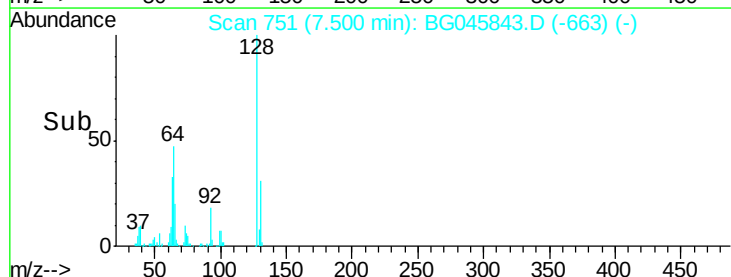
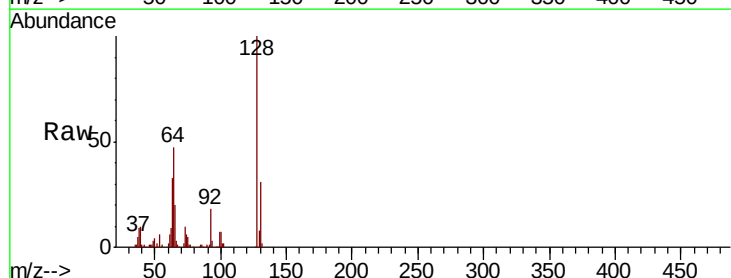
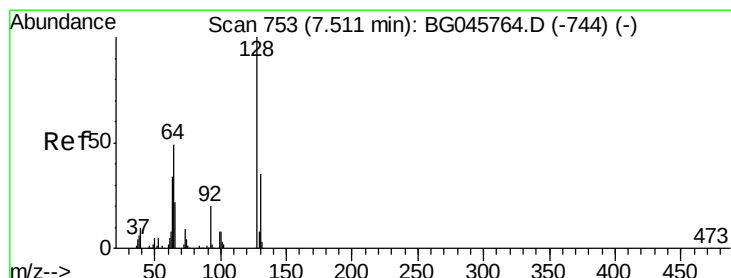
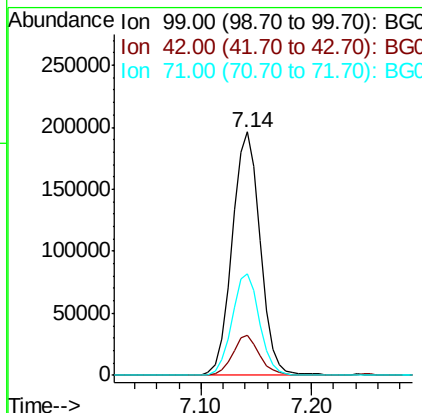
Tot Ion: 99 Resp: 349660

Ion Ratio Lower Upper

99 100

42 16.5 12.4 18.6

71 41.9 32.1 48.1



#8

2-Chlorophenol

Concen: 43.874 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

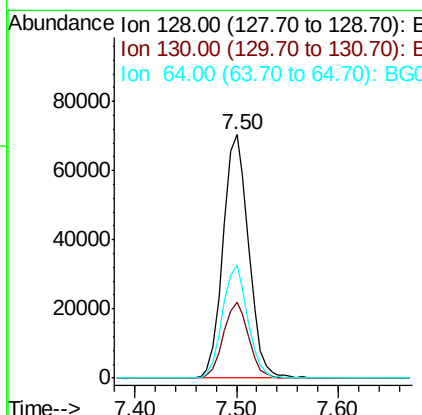
Tgt Ion: 128 Resp: 123347

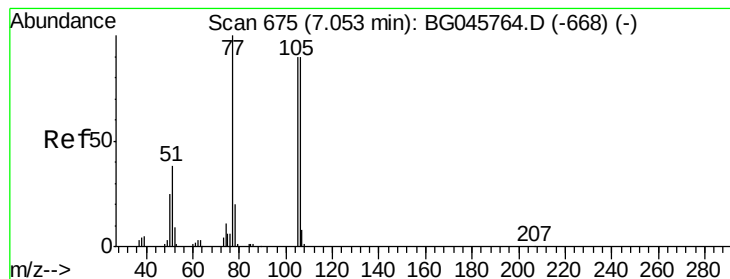
Ion Ratio Lower Upper

128 100

130 31.4 14.5 54.5

64 46.5 31.6 71.6





#9

Benzaldehyde

Concen: 26.274 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

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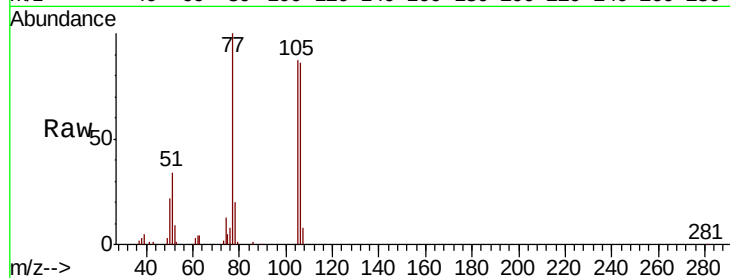
Tot Ion: 77 Resp: 63047

Ion Ratio Lower Upper

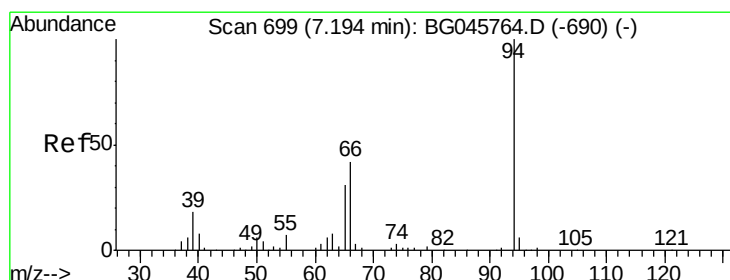
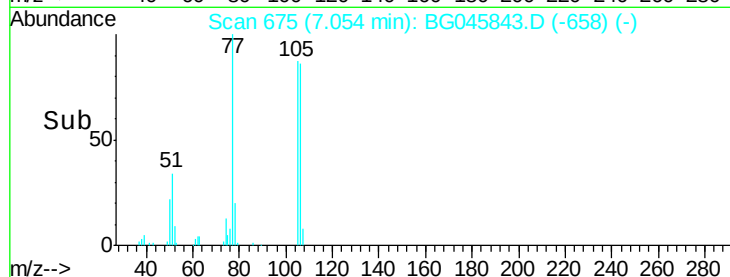
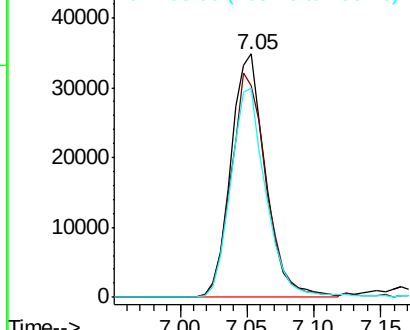
77 100

105 87.0 70.4 110.4

106 85.7 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.326 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

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Acq: 24 Jun 2020 12:04

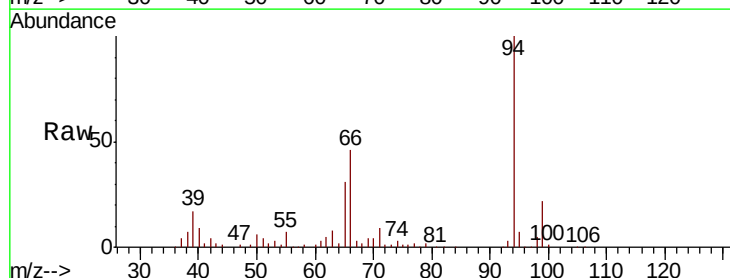
Tgt Ion: 94 Resp: 163845

Ion Ratio Lower Upper

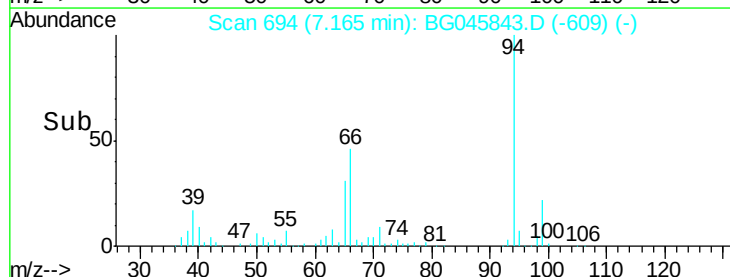
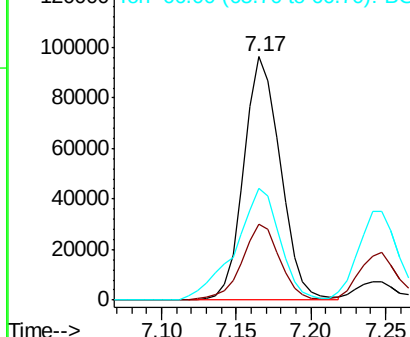
94 100

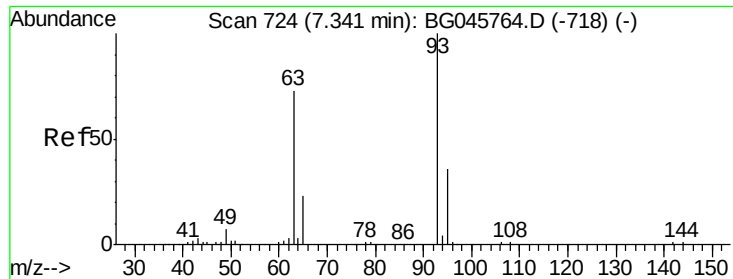
65 31.0 10.7 50.7

66 46.0 22.5 62.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

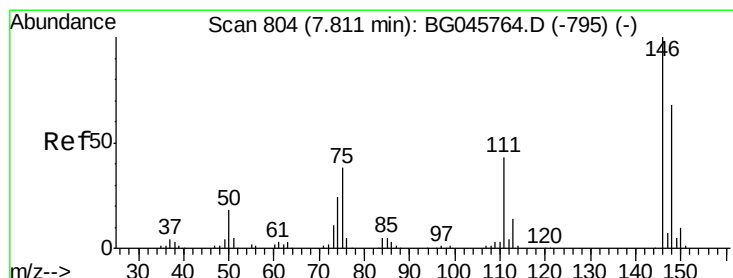
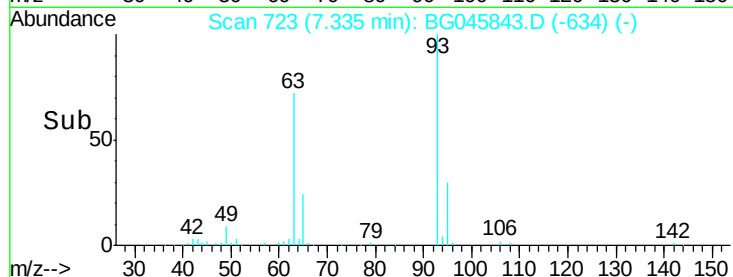
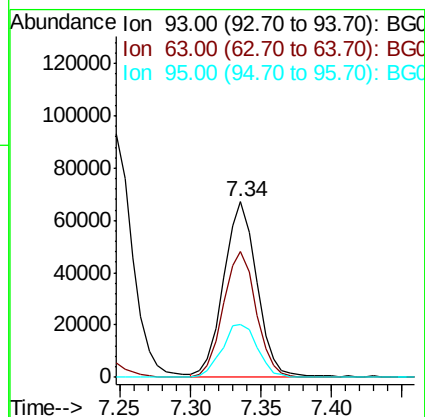
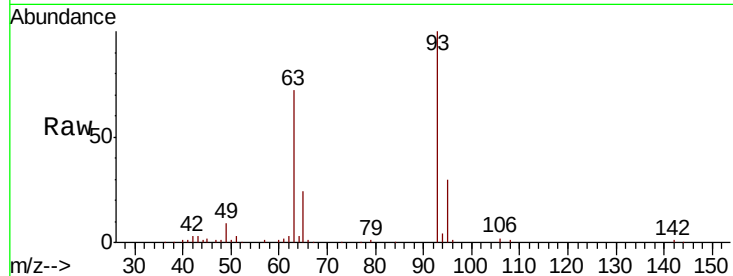




#11
 bis(2-Chloroethyl)ether
 Concen: 37.290 ng
 RT: 7.34 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

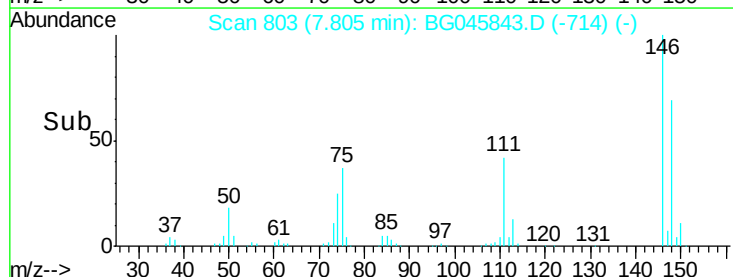
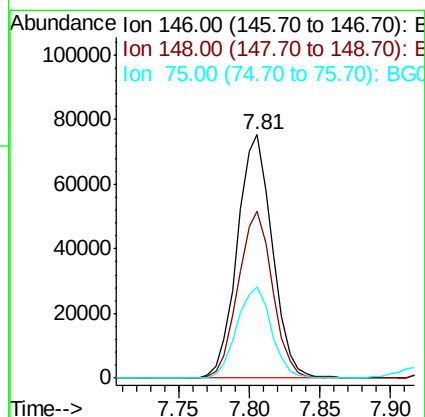
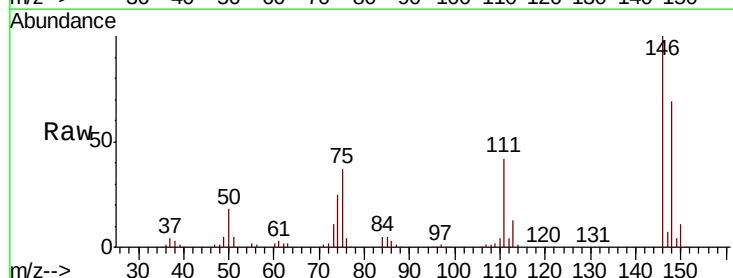
Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

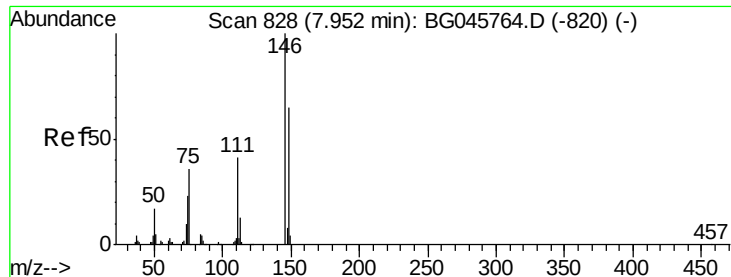
Tot Ion	93	Resp	109642
Ion	Ratio	Lower	Upper
93	100		
63	71.8	52.0	92.0
95	30.0	15.6	55.6



#12
 1,3-Dichlorobenzene
 Concen: 38.862 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion	146	Resp	130202
Ion	Ratio	Lower	Upper
146	100		
148	68.7	54.2	81.4
75	37.4	30.1	45.1

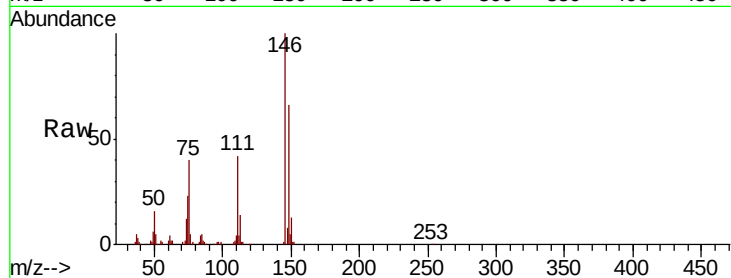




#13
 1,4-Dichlorobenzene
 Concen: 38.744 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.6
111	42.4	32.8	49.2

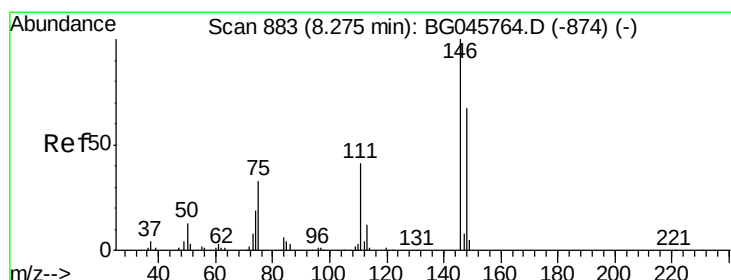
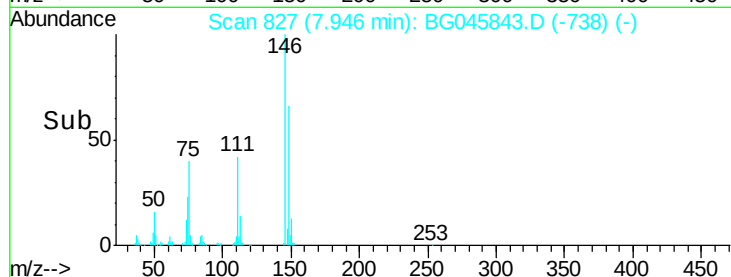
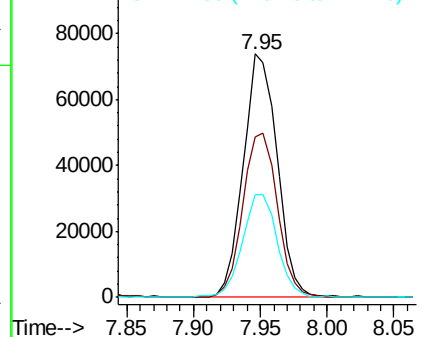


Abundance

Ion 146.00 (145.70 to 146.70): E

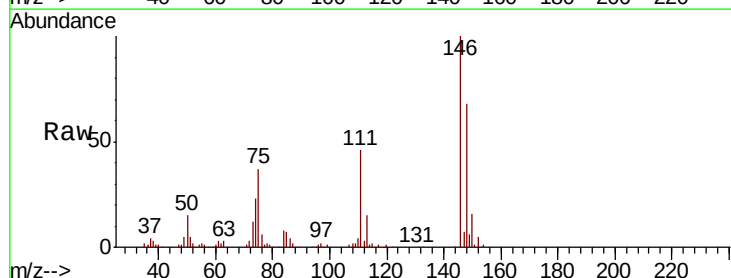
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.396 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	54.1	81.1
111	46.2	32.9	49.3

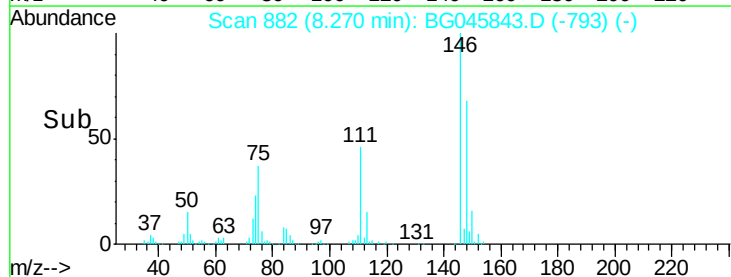
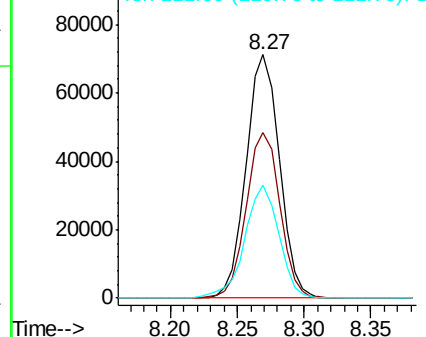


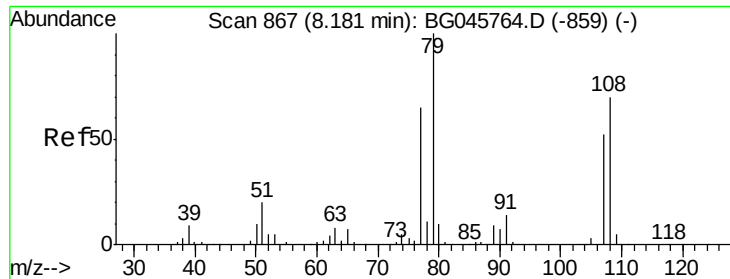
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.662 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

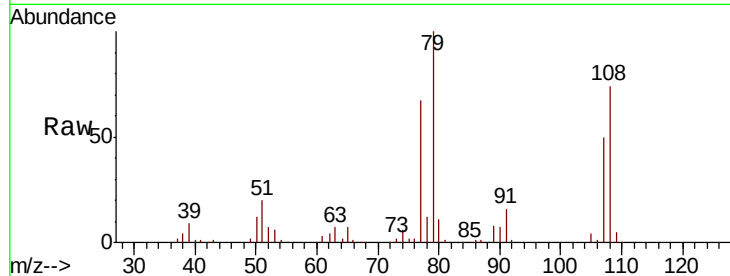
Tot Ion: 79 Resp: 122623

Ion Ratio Lower Upper

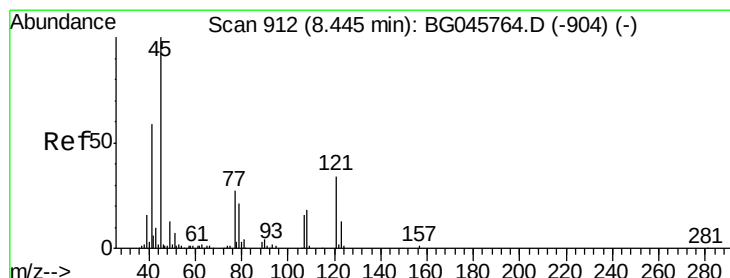
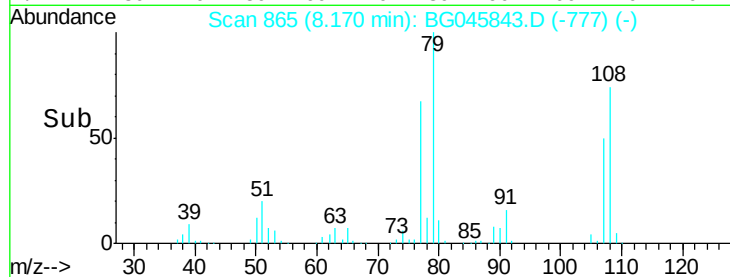
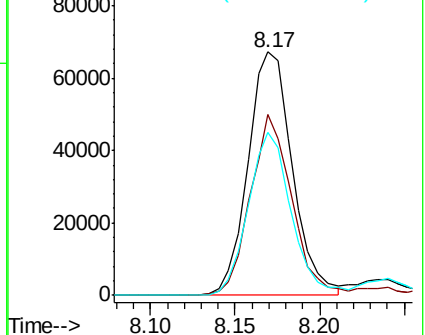
79 100

108 74.1 56.2 84.4

77 66.9 52.2 78.2



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: 36.698 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

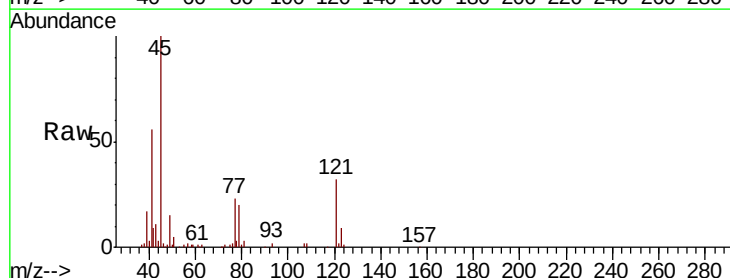
Tgt Ion: 45 Resp: 101694

Ion Ratio Lower Upper

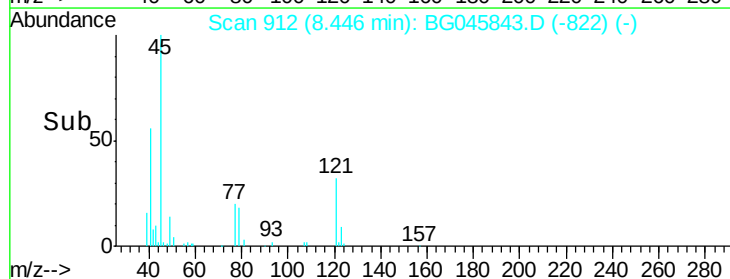
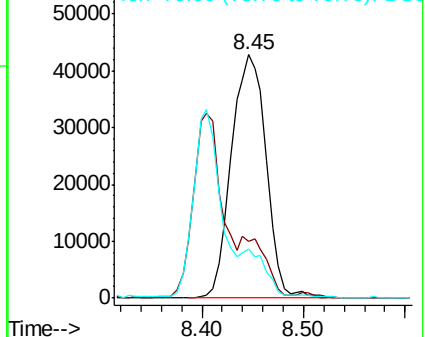
45 100

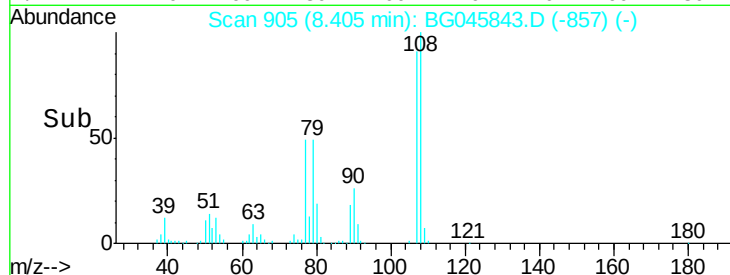
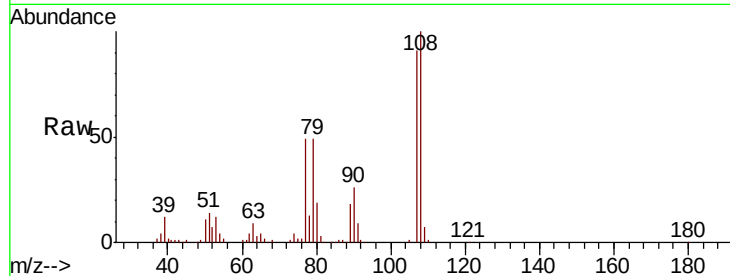
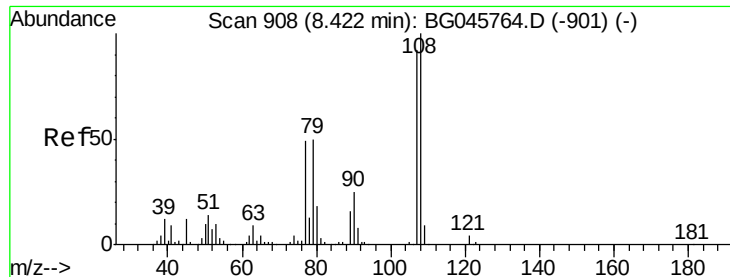
77 23.1 14.9 54.9

79 19.9 9.2 49.2



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

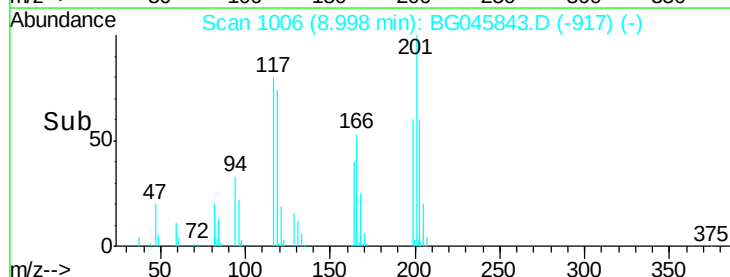
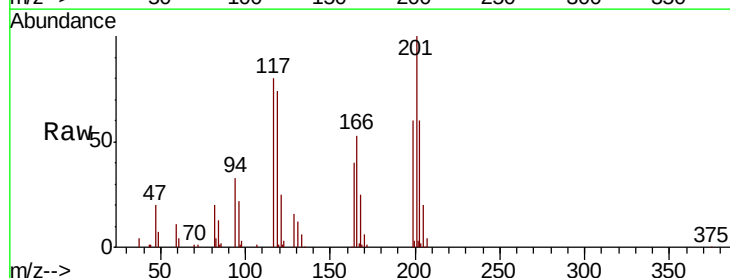
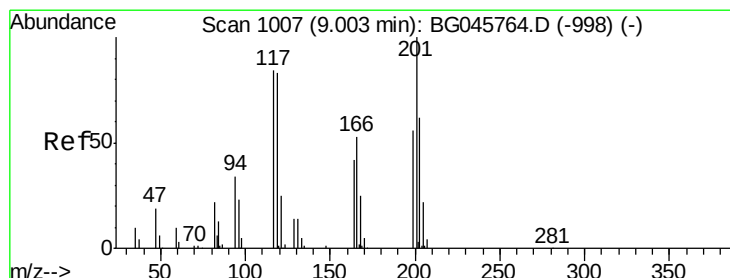
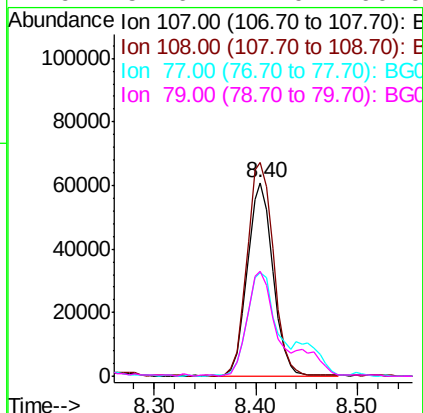




#17
2-Methylphenol
Concen: 37.167 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

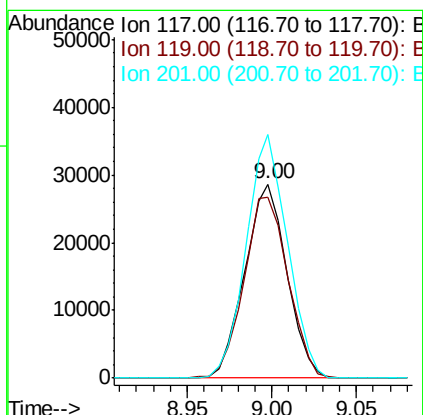
Instrument :
BNA_G
ClientSampleId :
PB129710BS

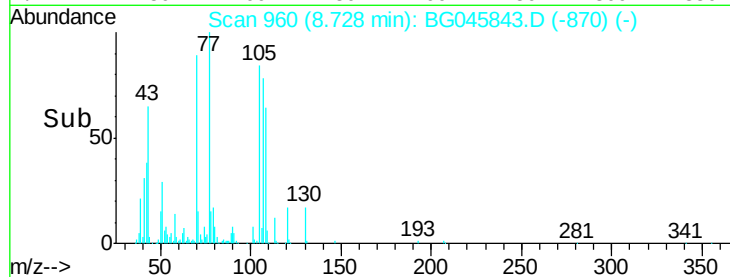
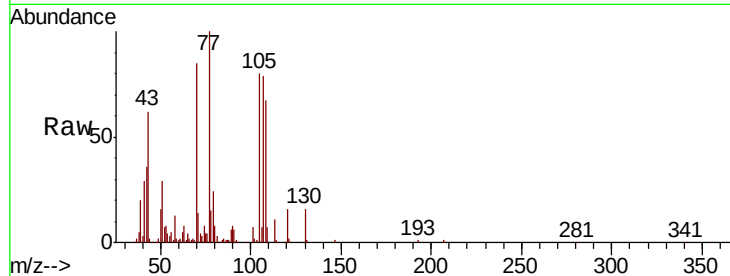
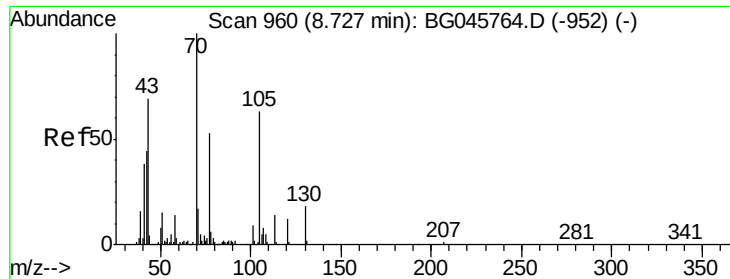
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	87.4	131.0
77	53.6	42.5	63.7
79	54.6	44.0	66.0



#18
Hexachloroethane
Concen: 38.927 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.9	118.3
201	125.4	95.5	143.3

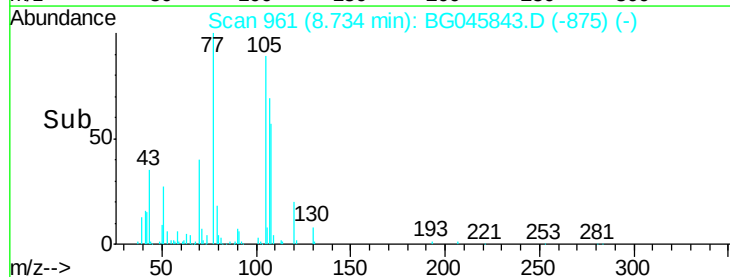
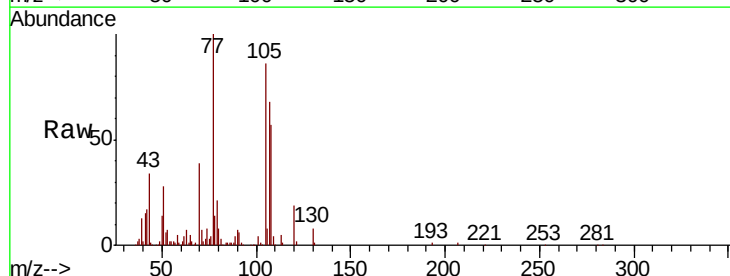
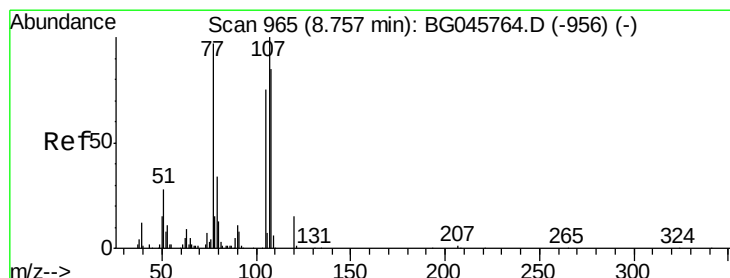
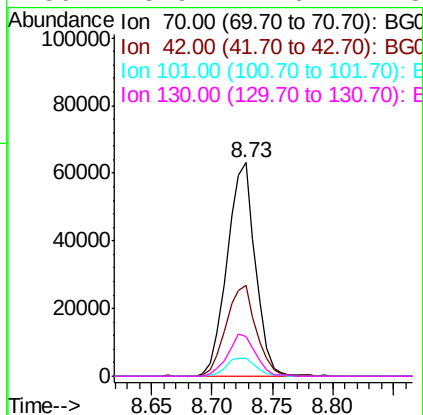




#19
n-Nitroso-di-n-propylamine
Concen: 38.844 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

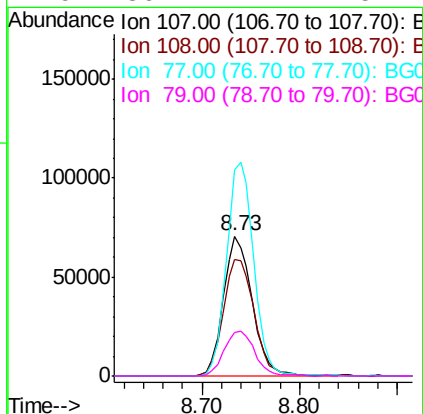
Instrument :
BNA_G
ClientSampleId :
PB129710BS

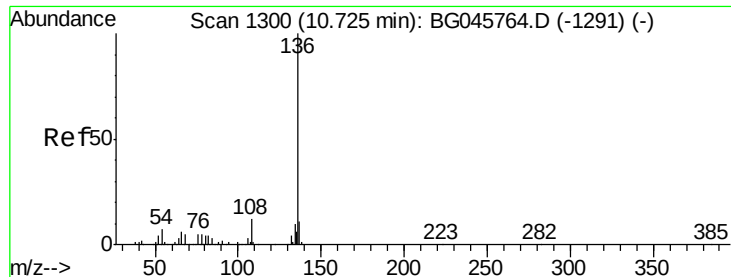
Tot Ion:	70	Resp:	102027
Ion	Ratio	Lower	Upper
70	100		
42	42.4	35.1	52.7
101	8.5	7.4	11.0
130	18.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 38.288 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion:	107	Resp:	145065
Ion	Ratio	Lower	Upper
107	100		
108	83.7	65.4	105.4
77	147.3	77.2	117.2#
79	30.7	14.2	54.2

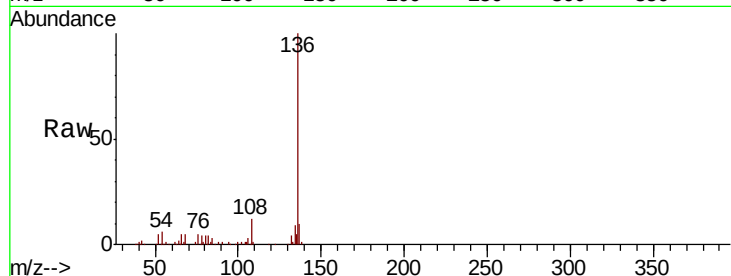




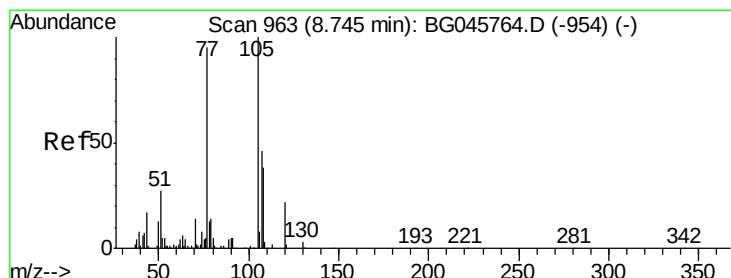
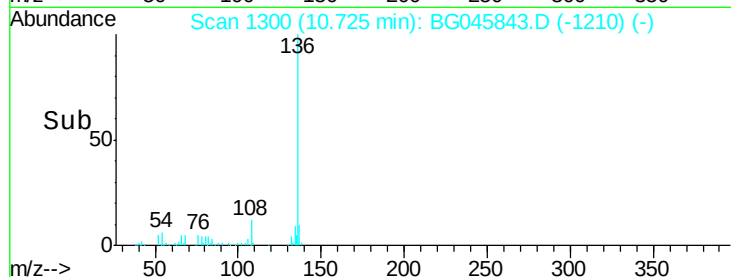
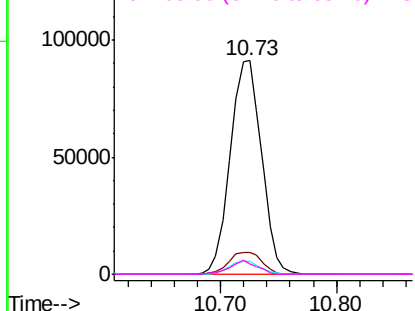
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Instrument :
BNA_G
ClientSampleId :
PB129710BS

Tot Ion:136	Resp:	170983
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.7	13.1
54 6.1	5.8	8.6
68 4.7	4.0	6.0

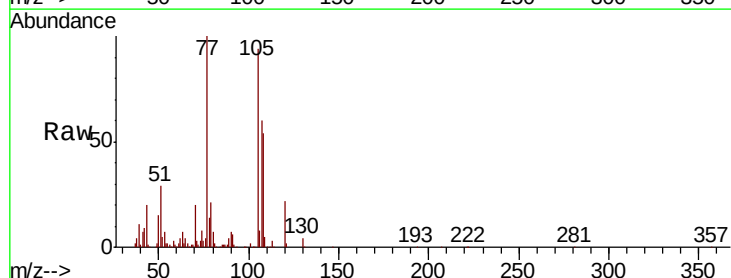


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

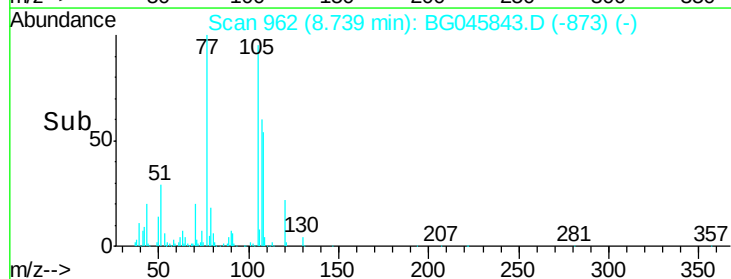
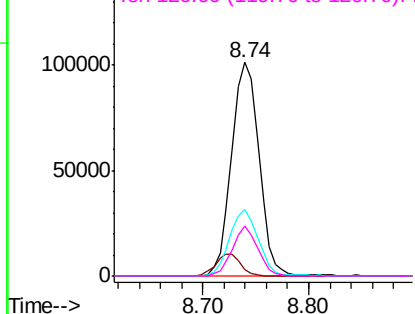


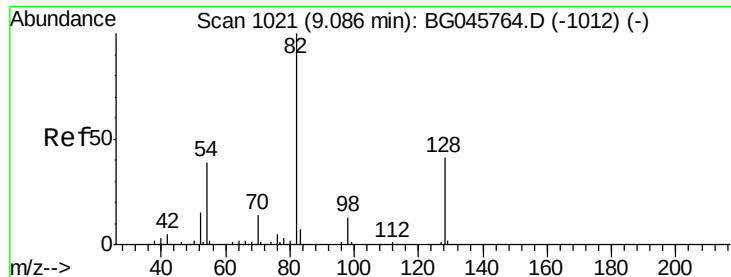
#22
Acetophenone
Concen: 38.940 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt	Ion:105	Resp:	182745
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.8	2.8#
51	31.3	21.9	32.9
120	23.2	17.3	25.9



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

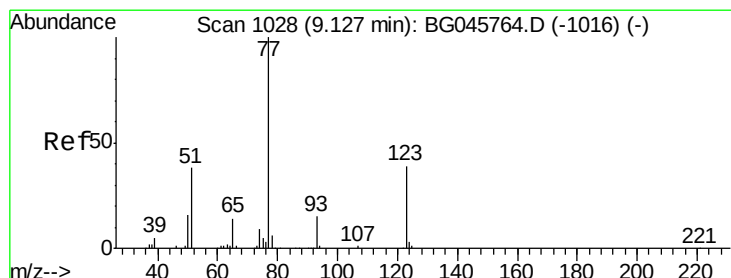
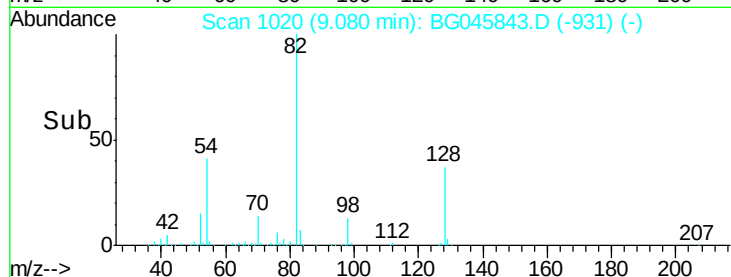
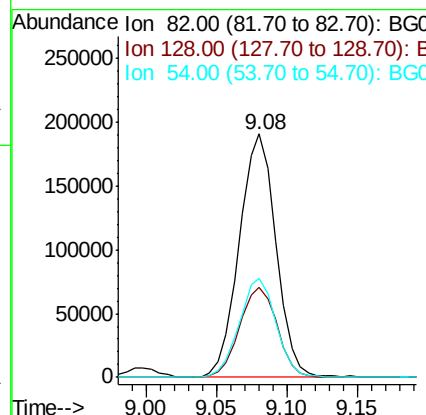
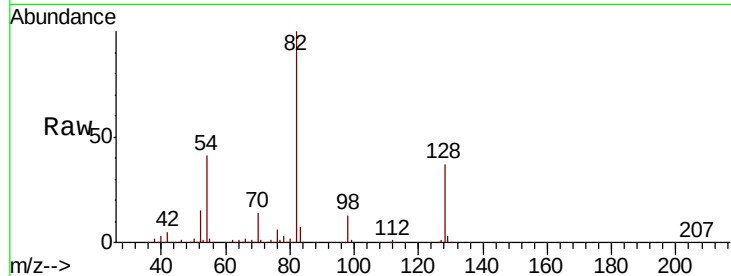




#23
 Nitrobenzene-d5
 Concen: 92.469 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

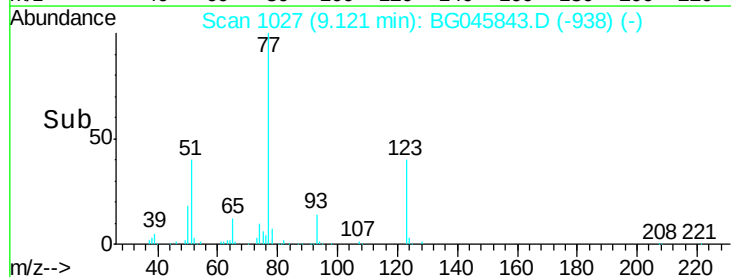
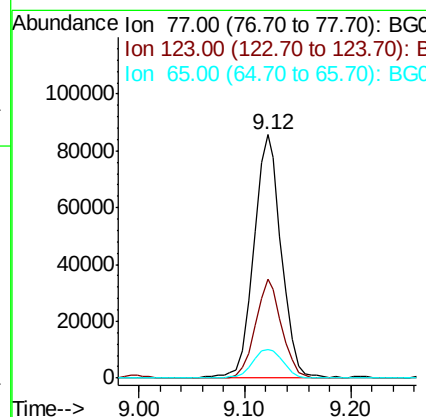
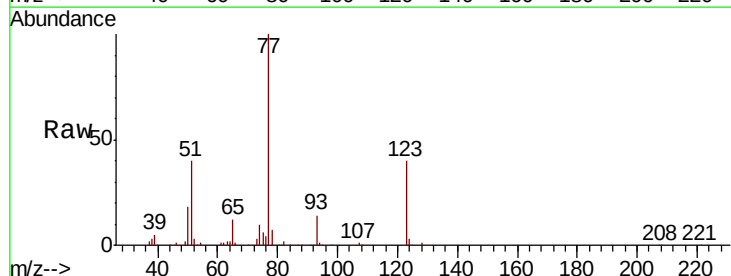
Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

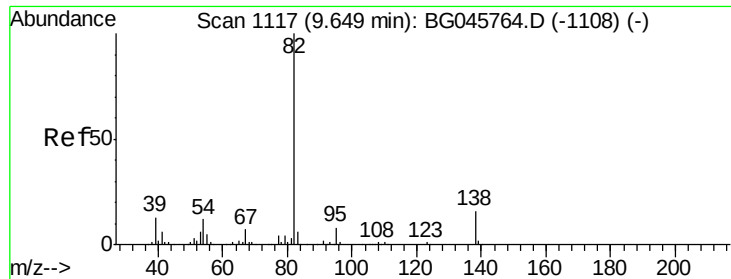
Tot Ion	82	Resp	346091
Ion Ratio	100	Lower	Upper
128	37.2	32.5	48.7
54	40.7	31.2	46.8



#24
 Nitrobenzene
 Concen: 38.784 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion	77	Resp	154775
Ion Ratio	100	Lower	Upper
123	40.4	31.2	46.8
65	12.0	11.4	17.2





#25

Isophorone

Concen: 38.141 ng

RT: 9.64 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

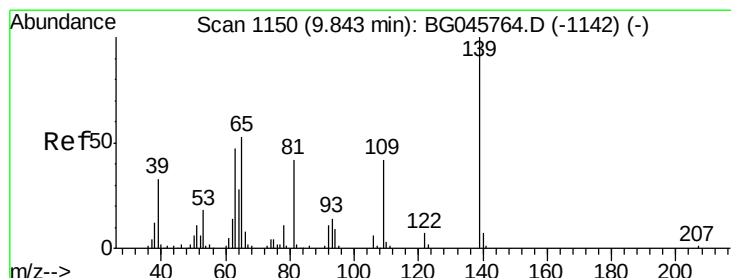
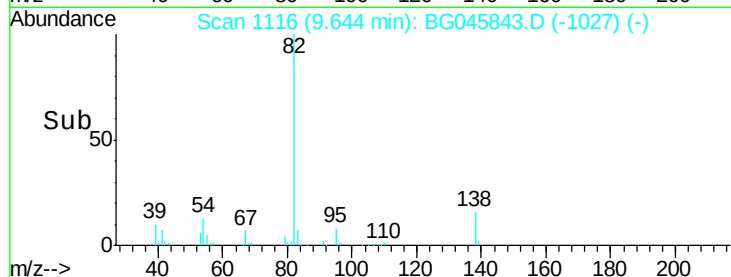
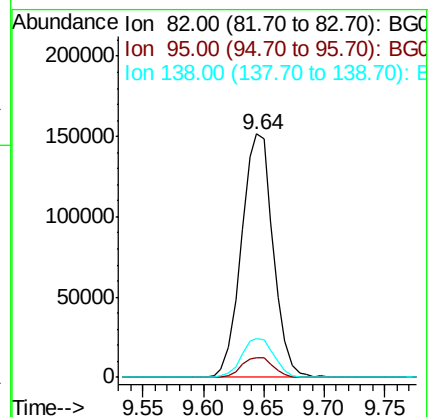
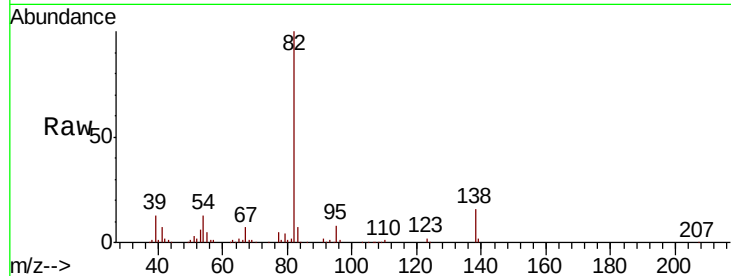
Tot Ion: 82 Resp: 276360

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.4

138 16.1 12.6 18.8



#26

2-Nitrophenol

Concen: 40.682 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

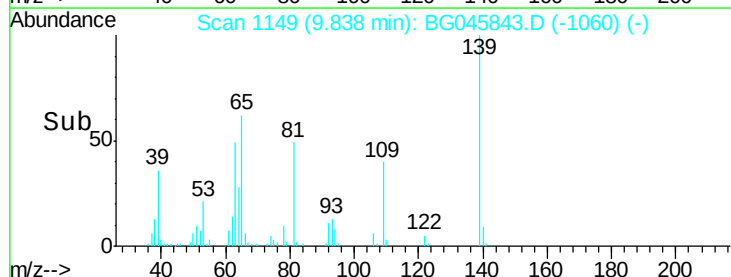
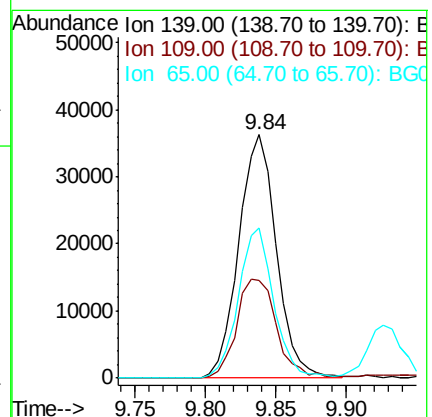
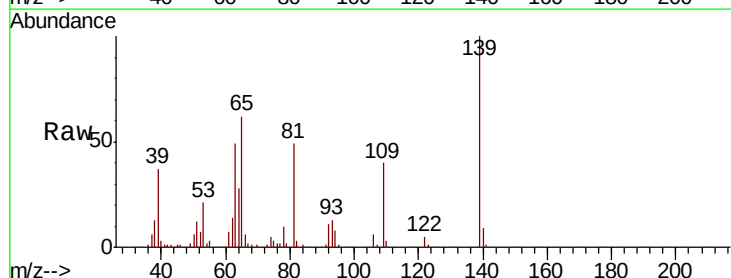
Tgt Ion: 139 Resp: 67638

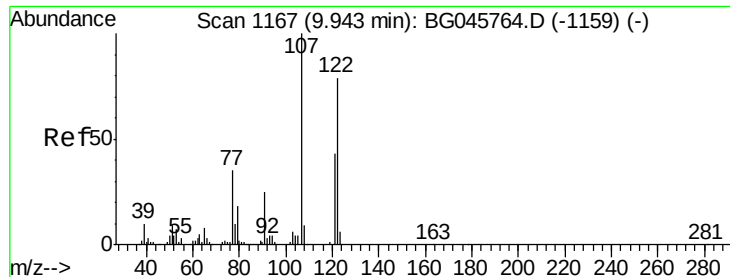
Ion Ratio Lower Upper

139 100

109 40.2 33.5 50.3

65 61.6 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 43.537 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

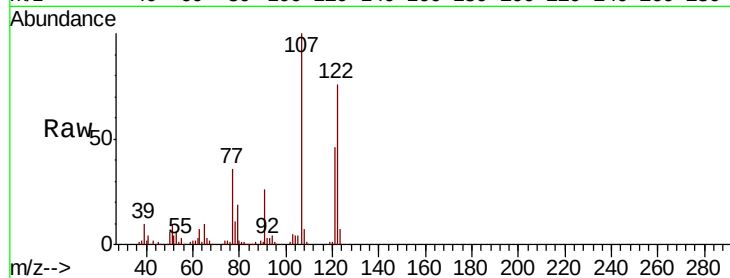
Tot Ion:122 Resp: 110511

Ion Ratio Lower Upper

122 100

107 131.0 101.3 151.9

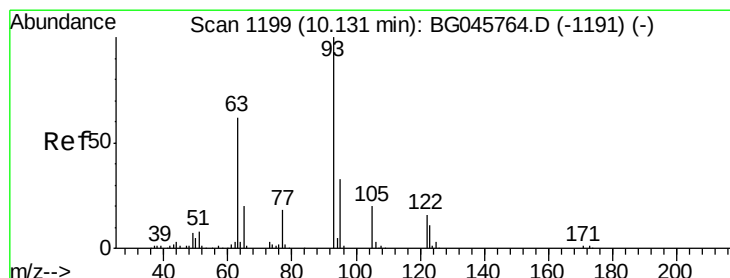
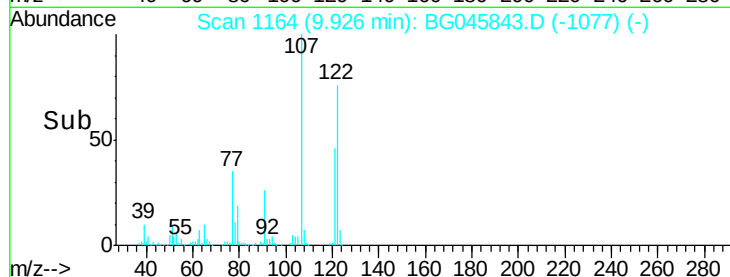
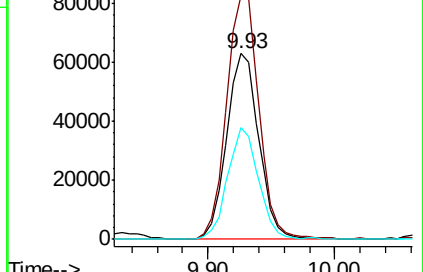
121 60.4 43.9 65.9



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: 40.215 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

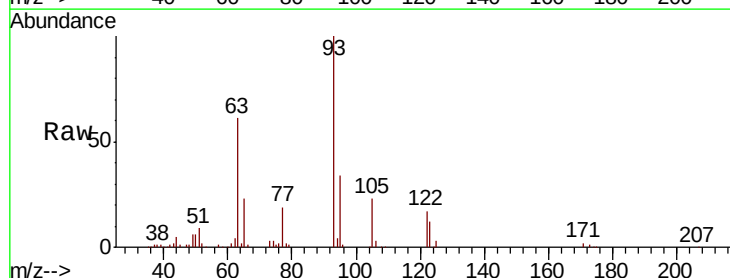
Tgt Ion: 93 Resp: 152204

Ion Ratio Lower Upper

93 100

95 33.8 26.3 39.5

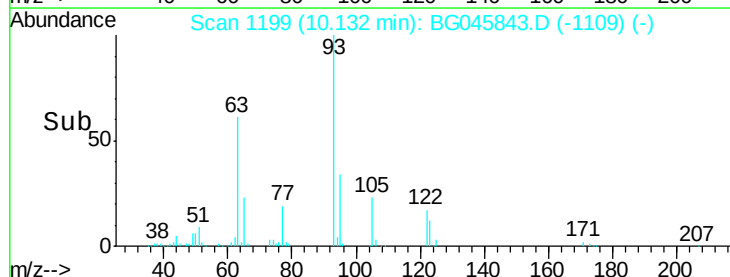
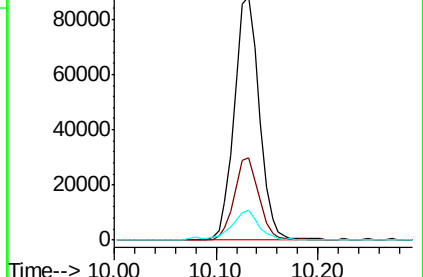
123 12.2 9.3 13.9

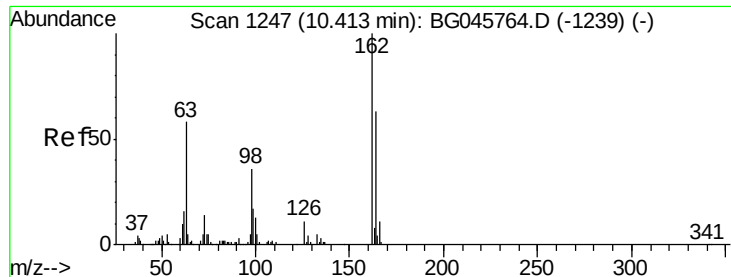


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

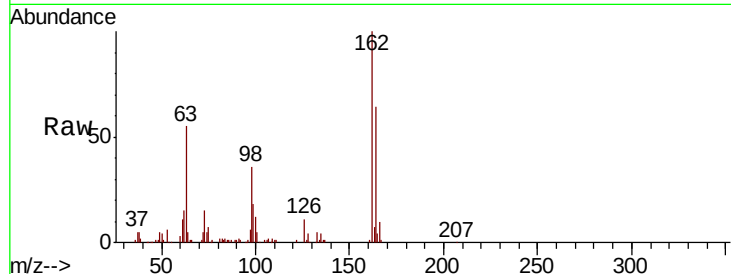




#29
 2,4-Dichlorophenol
 Concen: 42.314 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.3	83.3
98	36.3	15.5	55.5

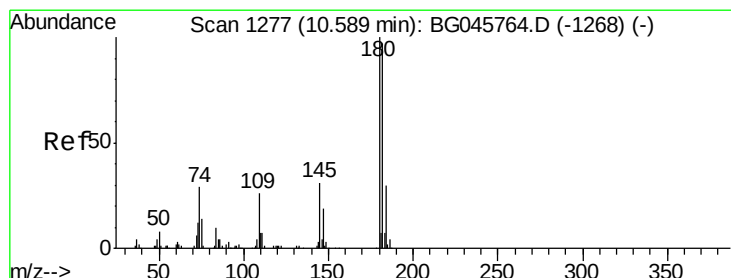
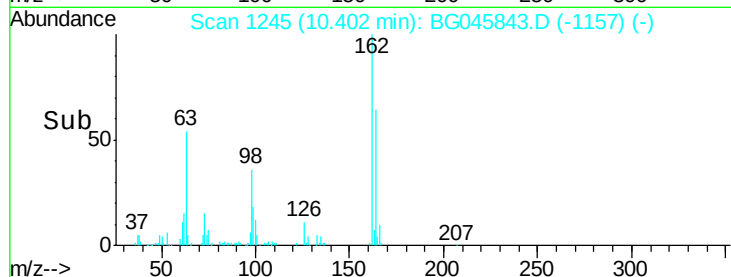
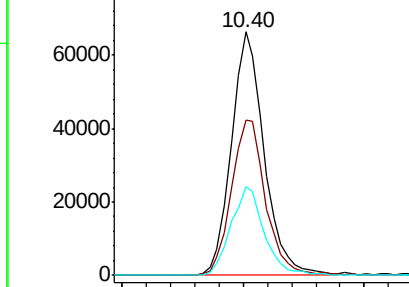


Abundance

Ion 162.00 (161.70 to 162.70): E

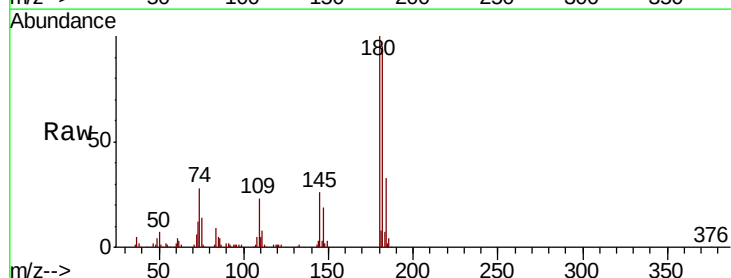
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 39.835 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.8	116.6
145	26.0	24.5	36.7

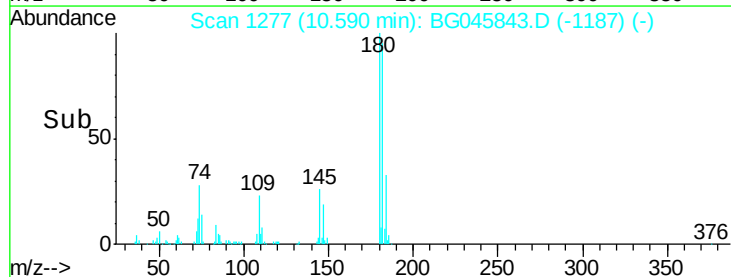
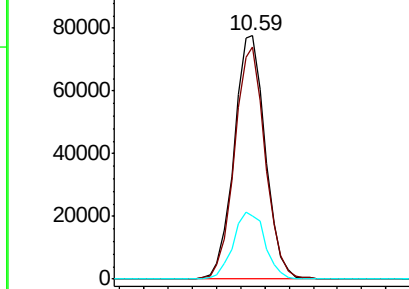


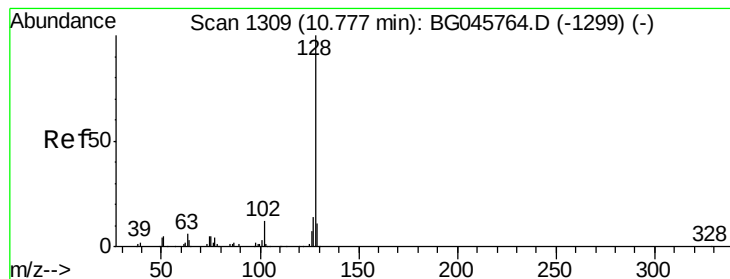
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.582 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

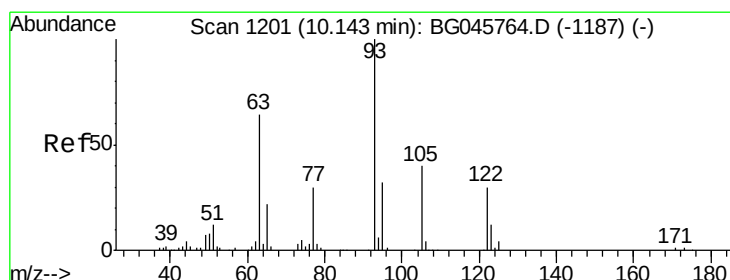
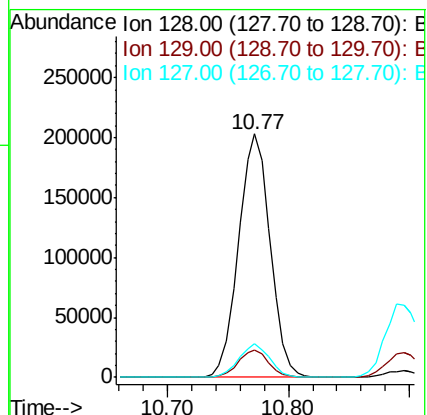
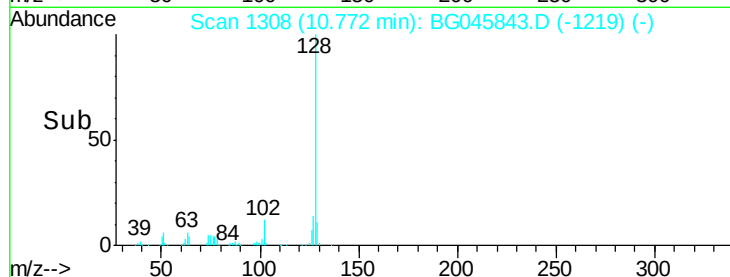
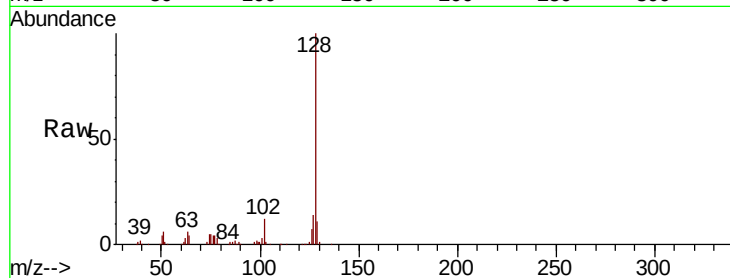
Tot Ion:128 Resp: 370010

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 42.585 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

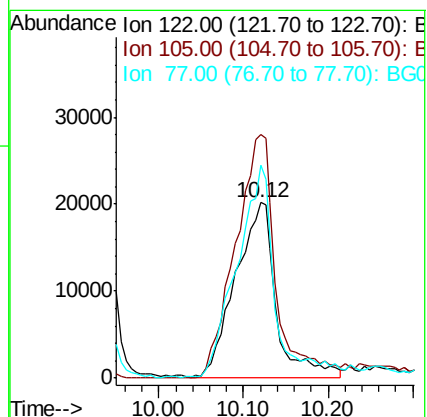
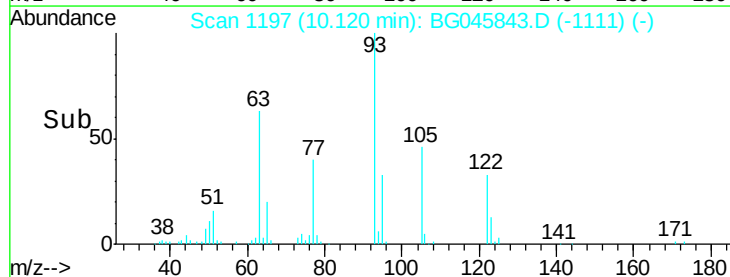
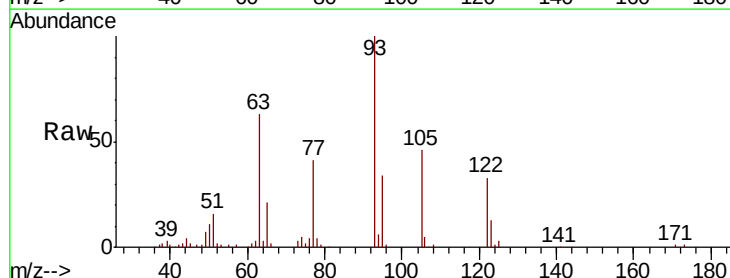
Tgt Ion:122 Resp: 68053

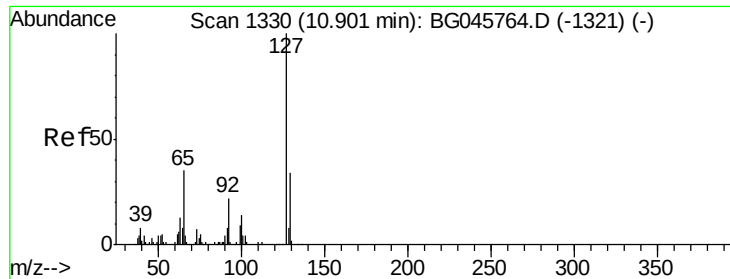
Ion Ratio Lower Upper

122 100

105 138.9 112.9 152.9

77 121.8 79.2 119.2#

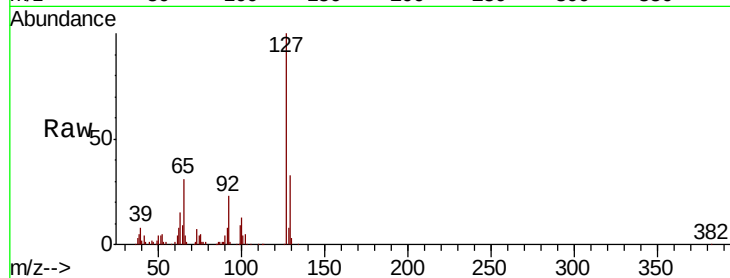




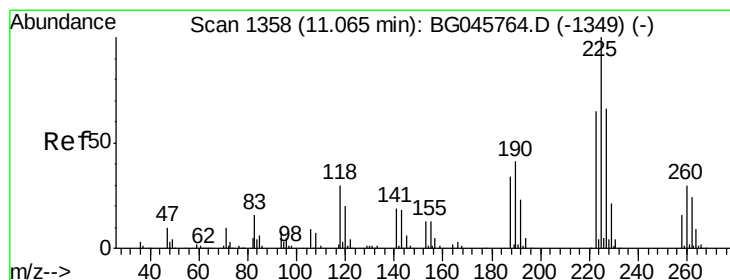
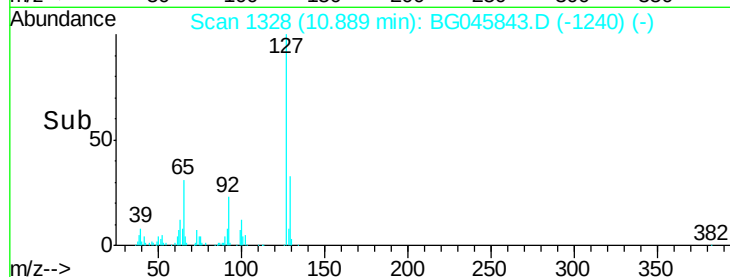
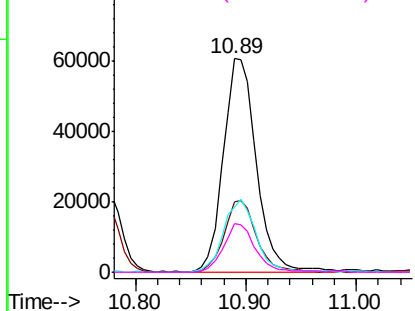
#33
4-Chloroaniline
Concen: 32.556 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Instrument :
BNA_G
ClientSampleId :
PB129710BS

Tot Ion:	127	Resp:	127445
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	30.9	27.8	41.8
92	22.8	17.3	25.9

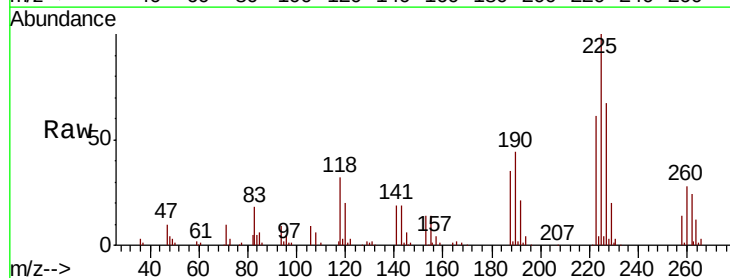


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

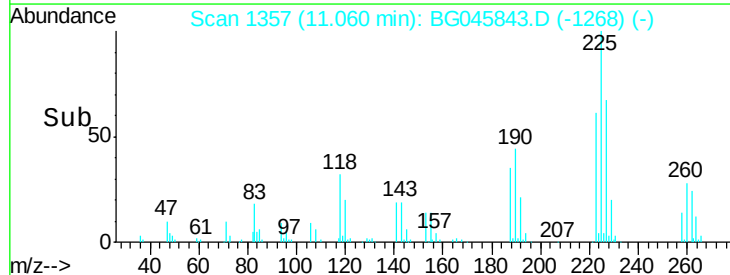
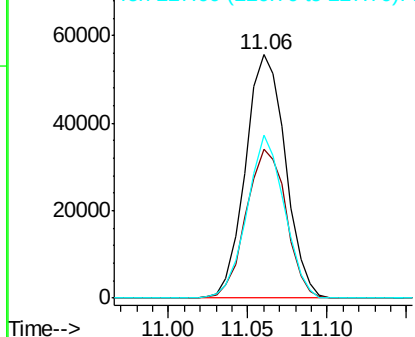


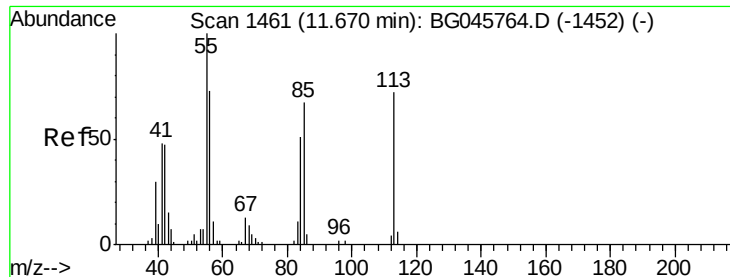
#34
Hexachlorobutadiene
Concen: 39.046 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion:	225	Resp:	97356
Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.0	78.0
227	67.1	52.5	78.7



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: 23.165 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

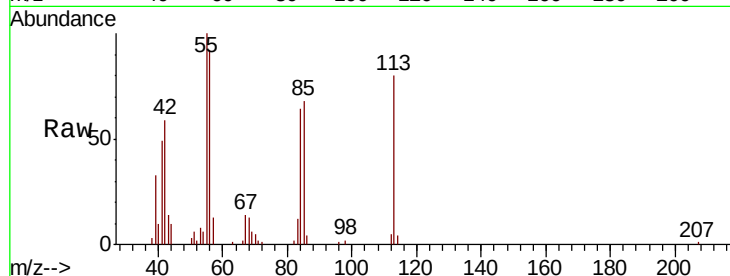
Tot Ion:113 Resp: 22200

Ion Ratio Lower Upper

113 100

55 125.2 119.7 159.7

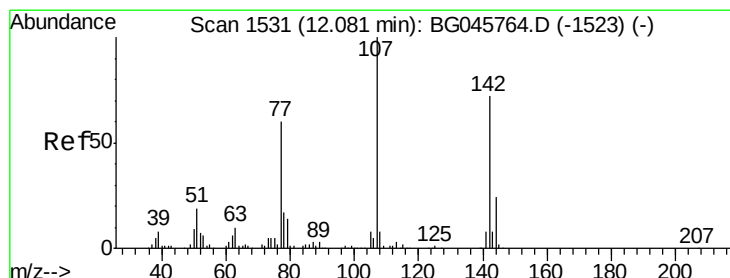
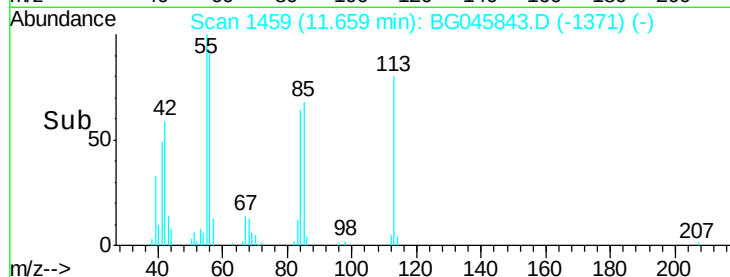
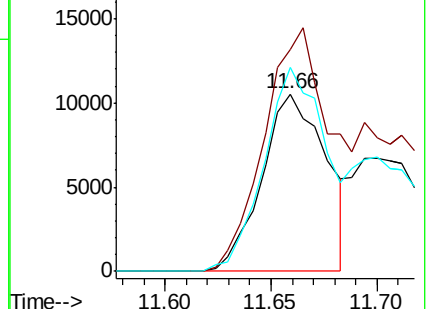
56 115.0 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.481 ng

RT: 12.06 min Scan# 1527

Delta R.T. -0.02 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

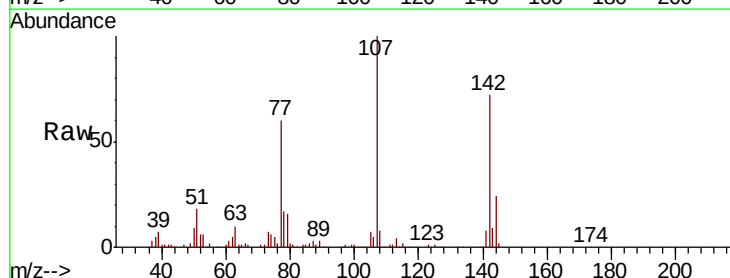
Tgt Ion:107 Resp: 148677

Ion Ratio Lower Upper

107 100

144 24.4 19.5 29.3

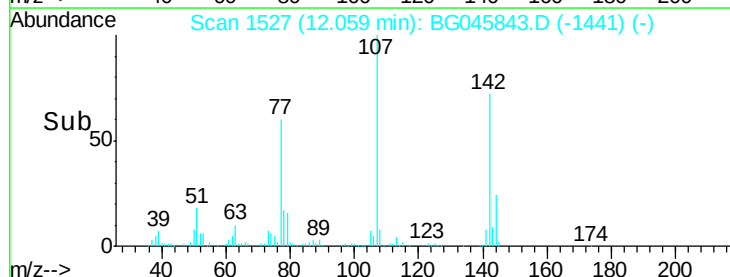
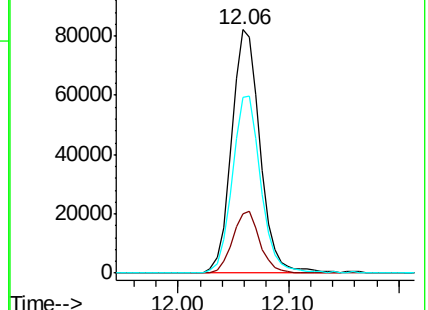
142 72.4 57.4 86.0

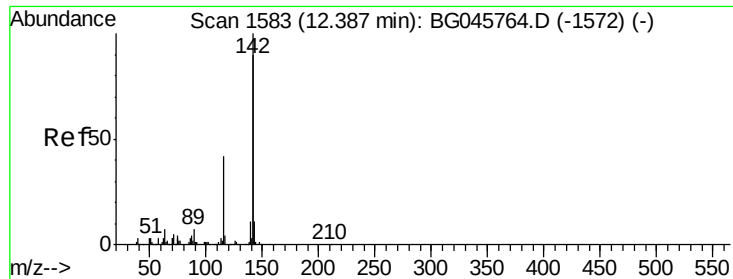


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

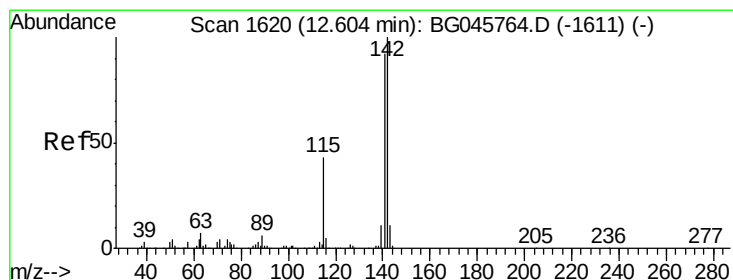
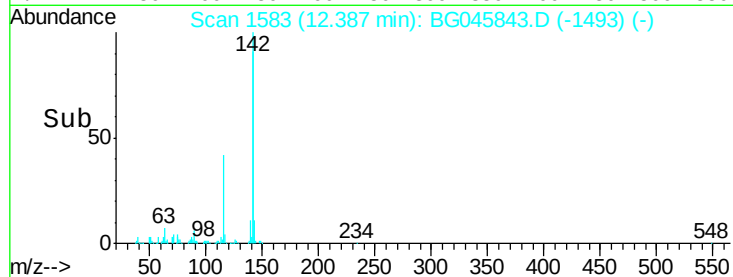
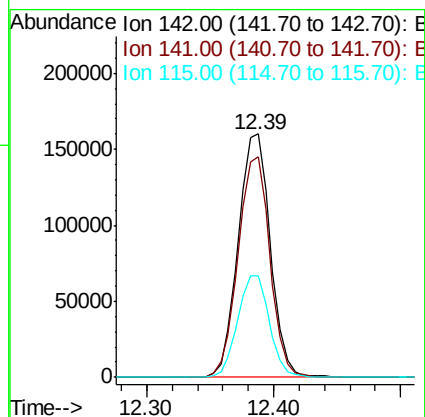
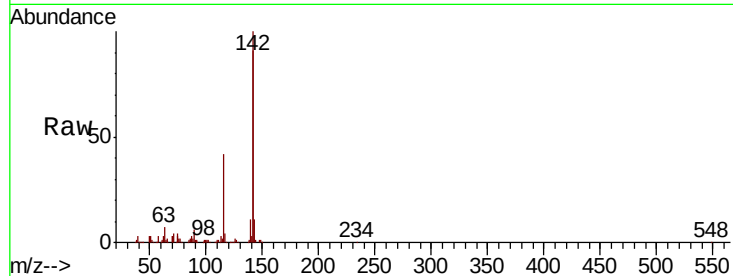




#37
2-Methylnaphthalene
Concen: 40.313 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

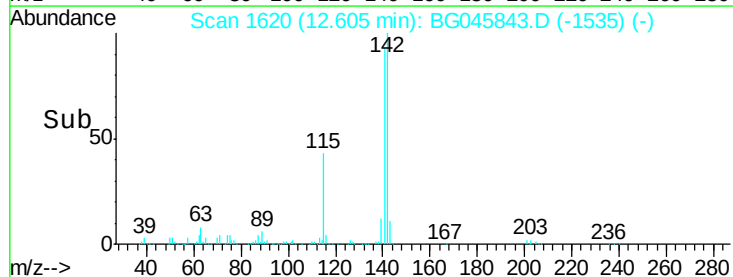
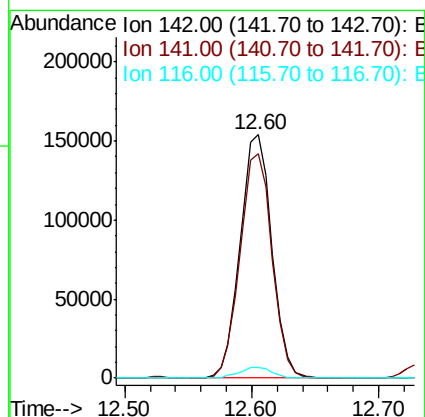
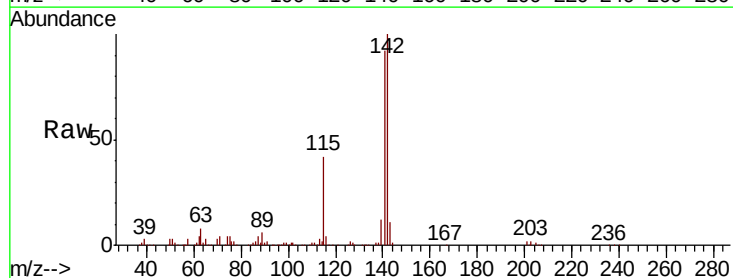
Instrument :
BNA_G
ClientSampleId :
PB129710BS

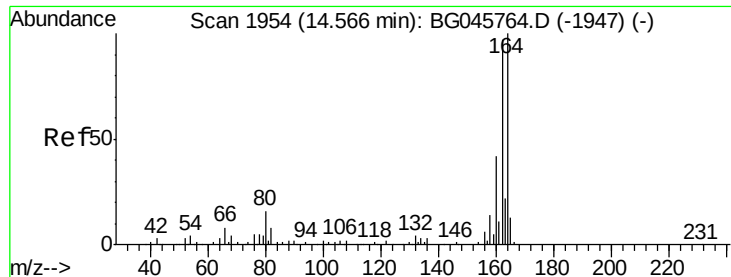
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.7	107.5
115	41.8	33.8	50.6



#38
1-Methylnaphthalene
Concen: 40.395 ng
RT: 12.60 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8
116	4.2	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

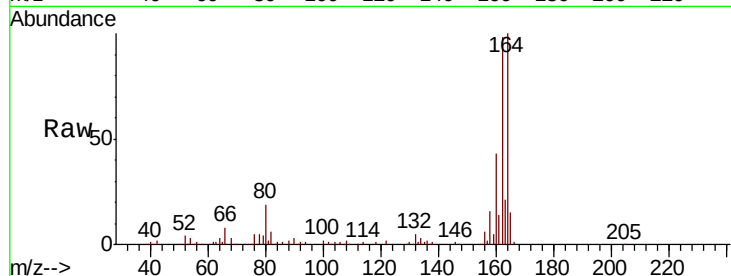
Tot Ion:164 Resp: 122480

Ion Ratio Lower Upper

164 100

162 98.5 77.4 116.0

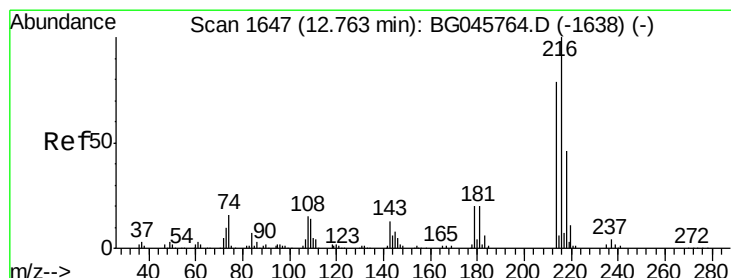
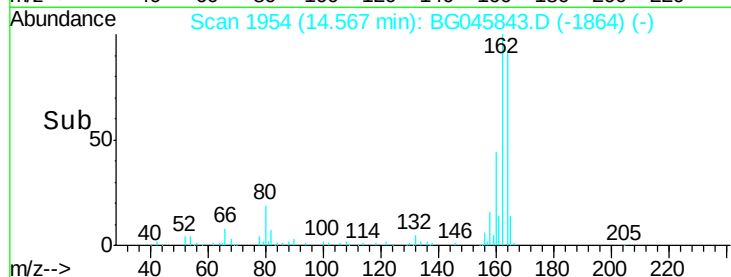
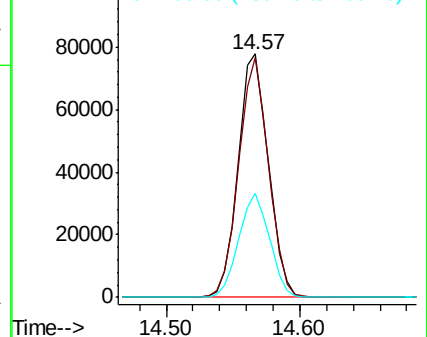
160 42.9 33.3 49.9



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: 39.470 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Tgt Ion:216 Resp: 159180

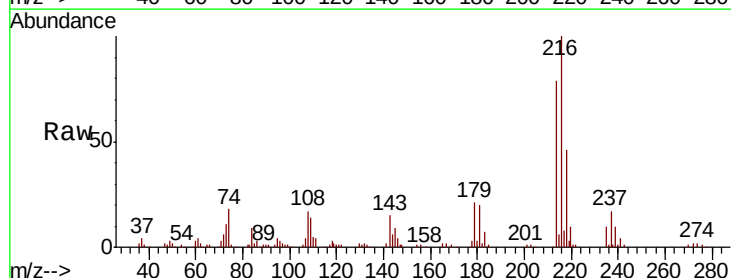
Ion Ratio Lower Upper

216 100

214 79.3 62.8 94.2

179 20.5 16.2 24.4

108 19.2 13.4 20.2

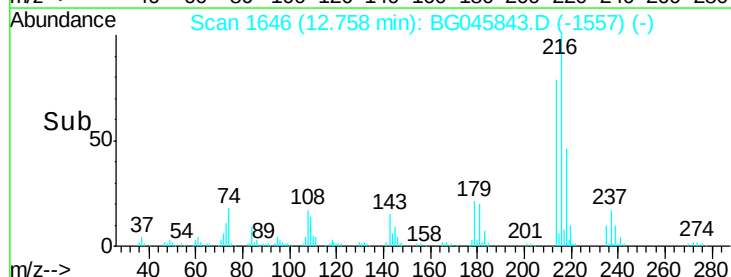
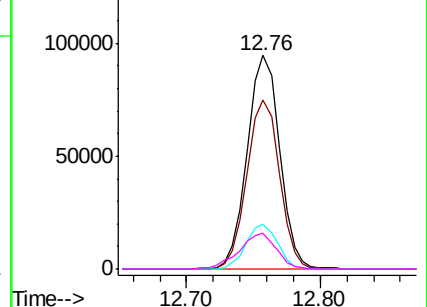


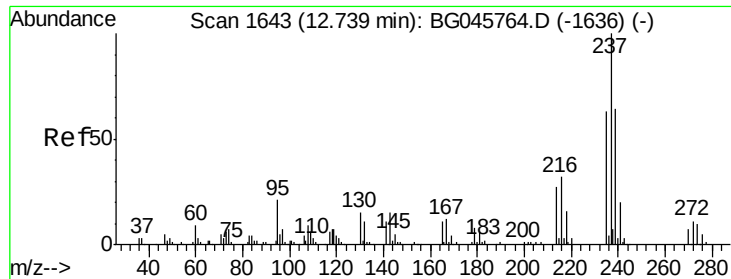
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.342 ng

RT: 12.73 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

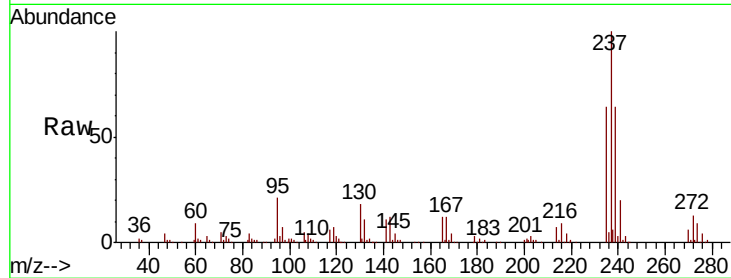
BNA_G

ClientSampleId :

PB129710BS

Tot Ion:237 Resp: 181557

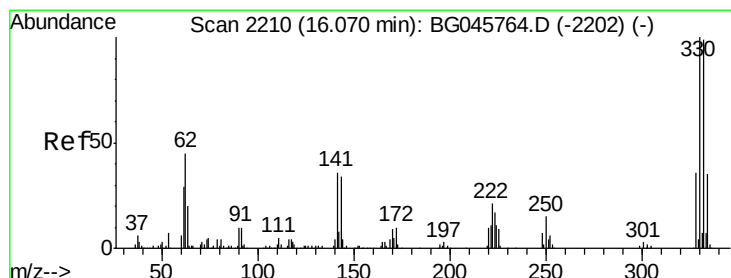
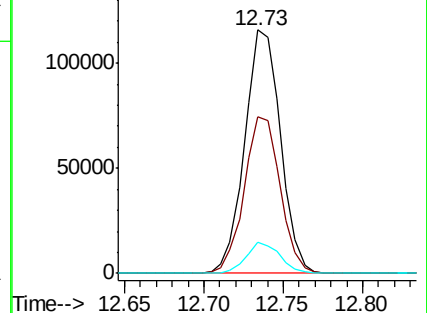
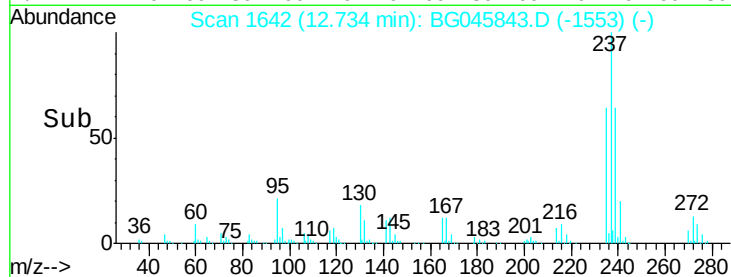
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.9	82.9
272	12.6	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.132 ng

RT: 16.06 min Scan# 2209

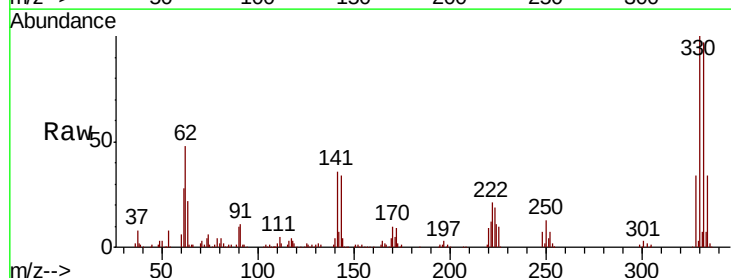
Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Tgt Ion:330 Resp: 175911

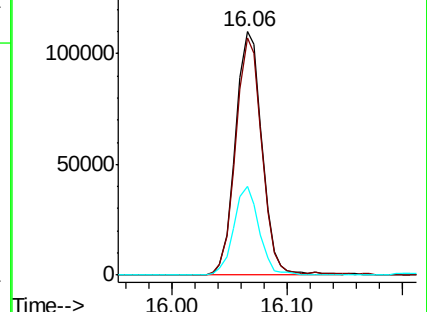
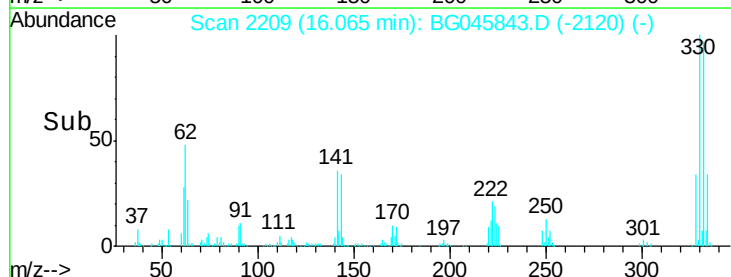
Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	34.5	28.2	42.4

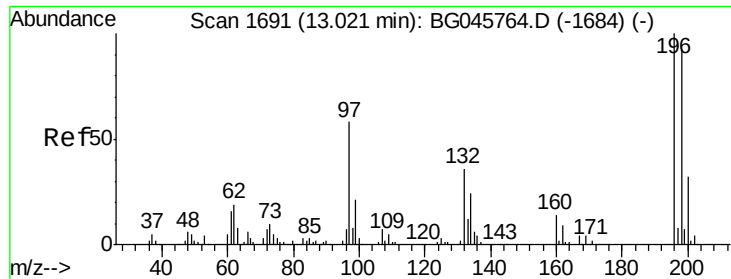


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

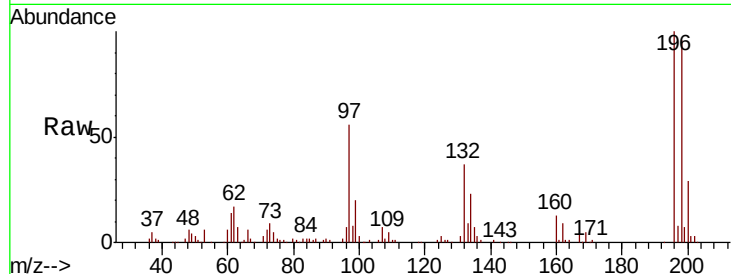




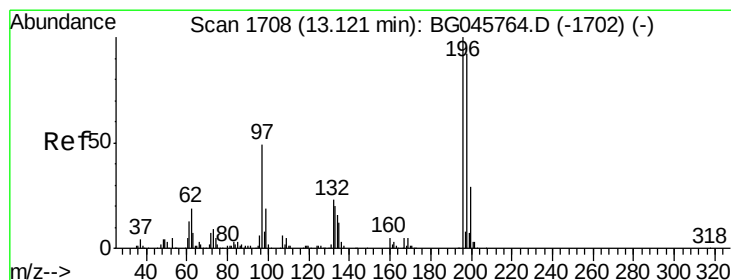
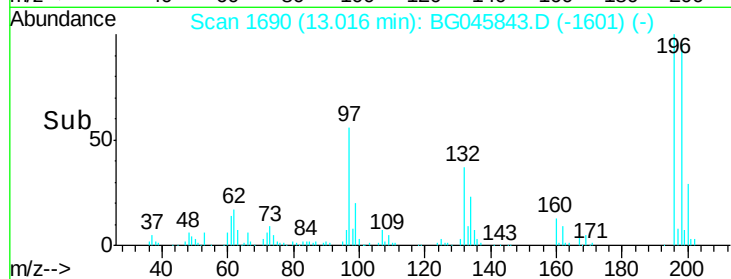
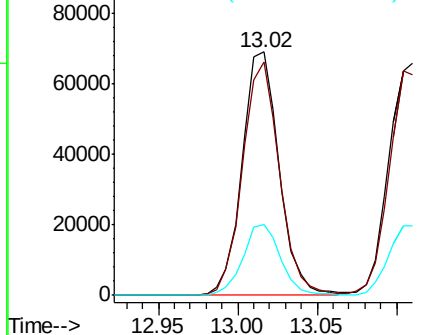
#43
 2,4,6-Trichlorophenol
 Concen: 41.099 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

Tot Ion:196	Resp:	112380
Ion Ratio	Lower	Upper
196	100	
198	95.8	74.4 111.6
200	29.0	25.4 38.2

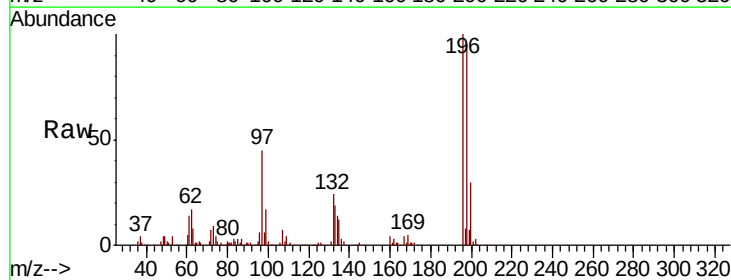


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

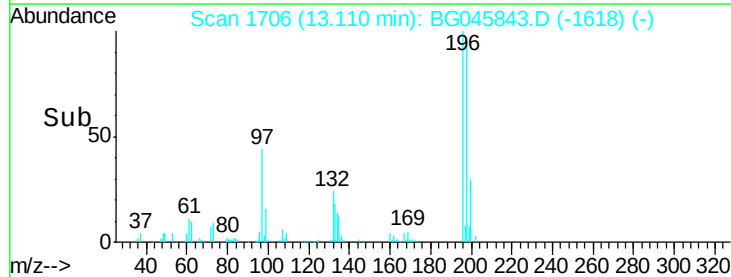
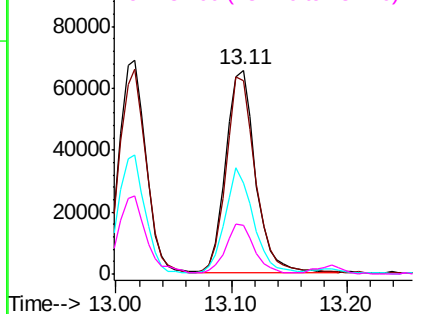


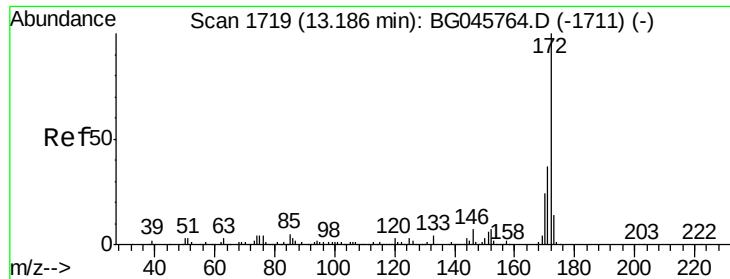
#44
 2,4,5-Trichlorophenol
 Concen: 37.502 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion:196	Resp:	116872
Ion Ratio	Lower	Upper
196	100	
198	94.8	74.0 111.0
97	44.5	39.0 58.6
132	24.0	18.4 27.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

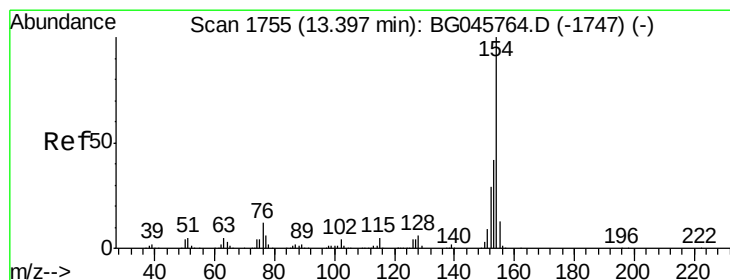
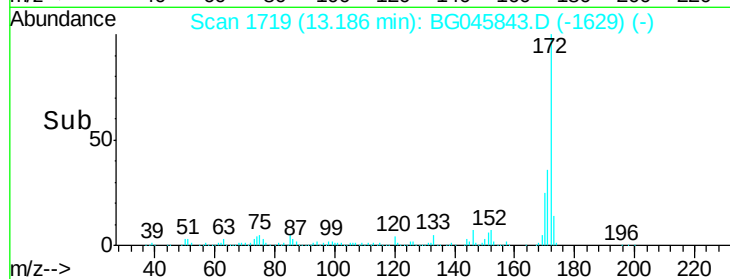
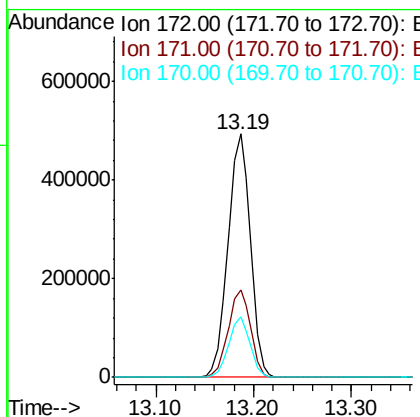
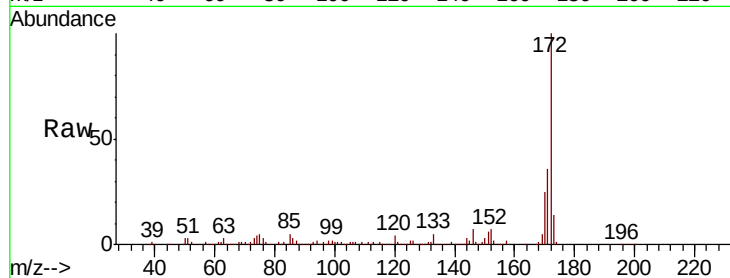




#45
2-Fluorobiphenyl
Concen: 93.786 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

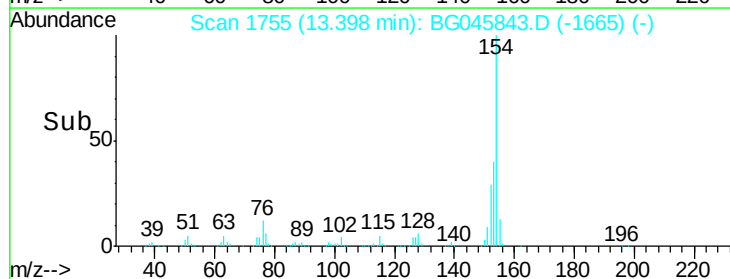
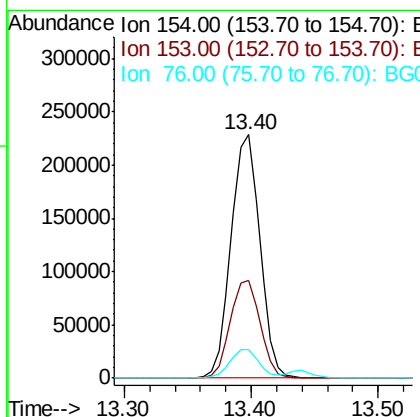
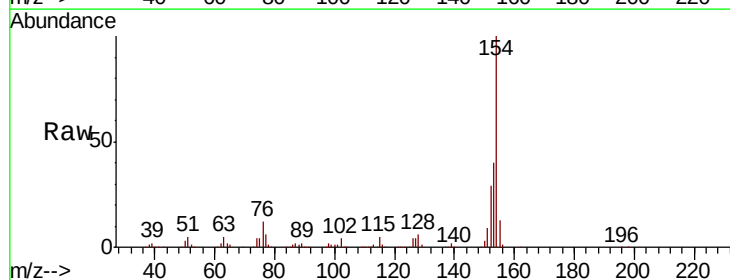
Instrument :
BNA_G
ClientSampleId :
PB129710BS

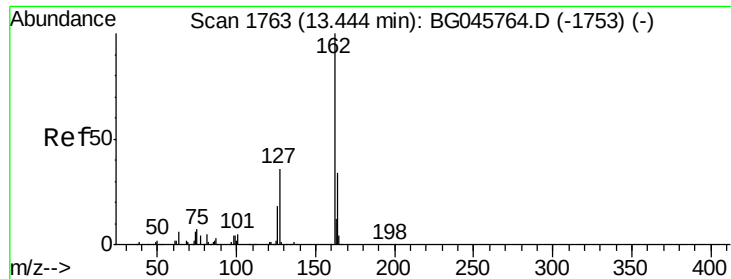
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	24.6	19.3	28.9



#46
1,1'-Biphenyl
Concen: 40.975 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.7	61.7
76	11.6	0.0	32.0

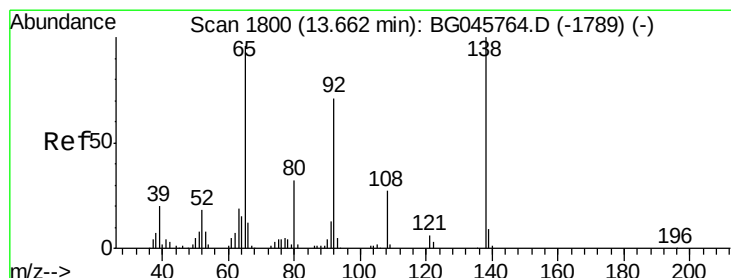
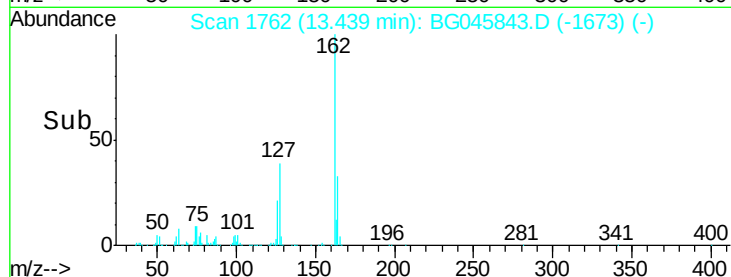
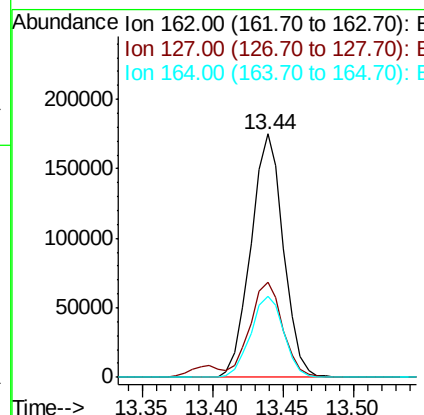
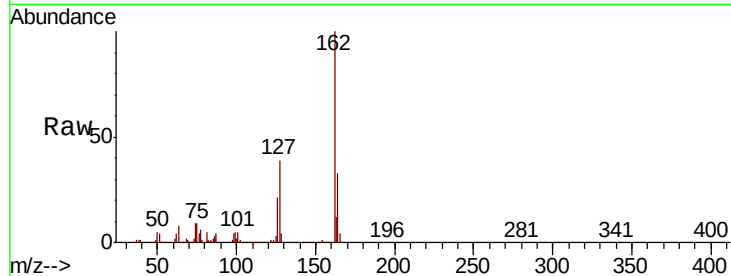




#47
 2-Chloronaphthalene
 Concen: 40.064 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

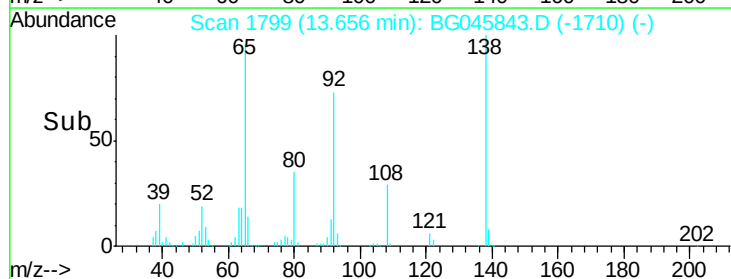
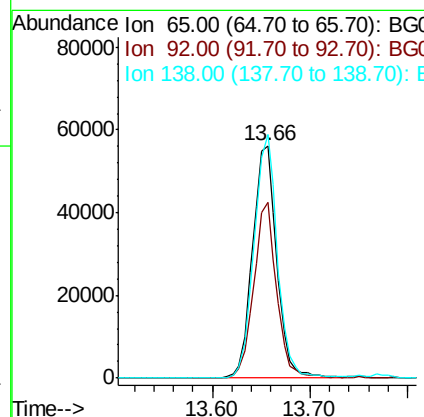
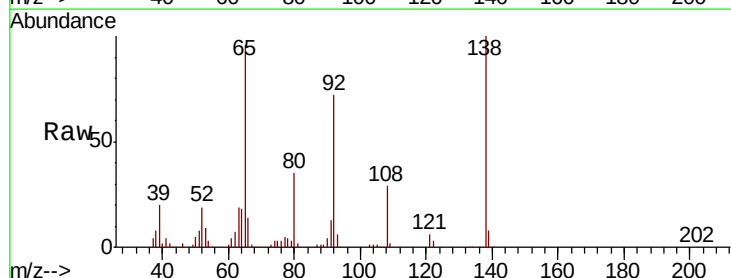
Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

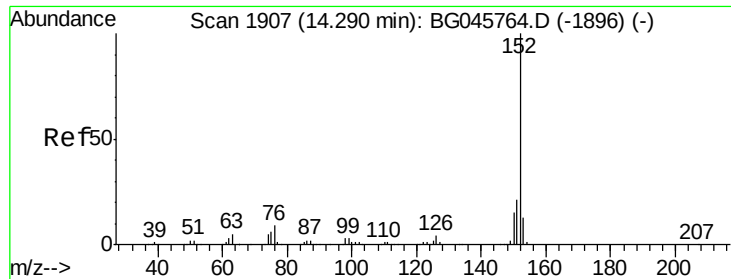
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.5	45.7
164	33.1	27.2	40.8



#48
 2-Nitroaniline
 Concen: 41.733 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.8	59.0	88.6
138	104.7	83.6	125.4





#49

Acenaphthylene

Concen: 40.906 ng

RT: 14.28 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

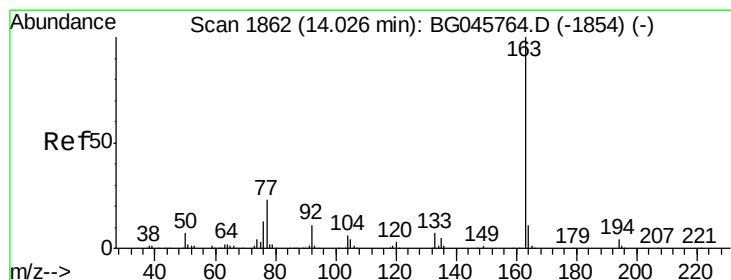
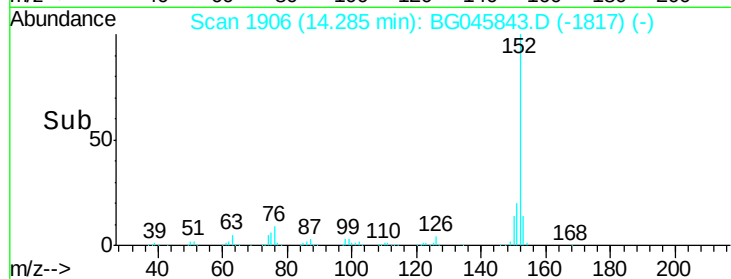
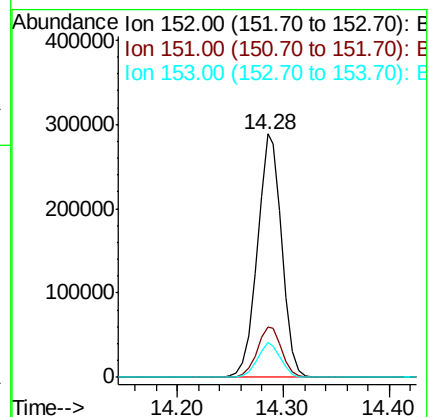
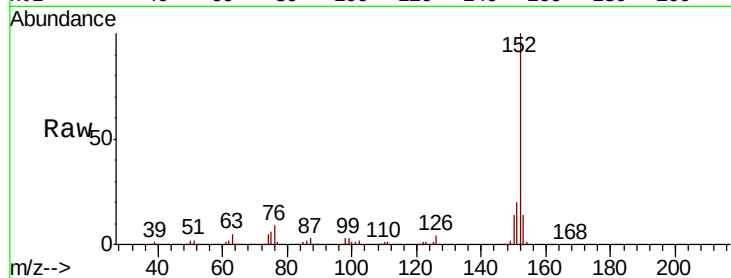
Tot Ion:152 Resp: 464105

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

153 14.2 10.6 15.8



#50

Dimethylphthalate

Concen: 41.764 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

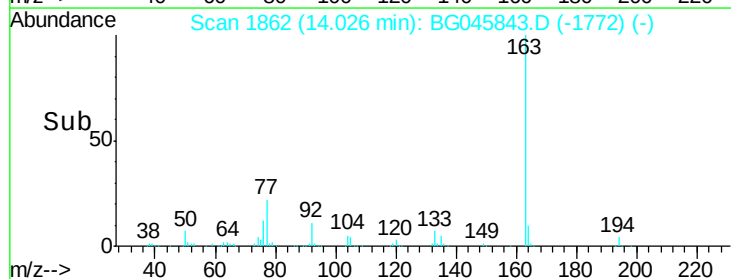
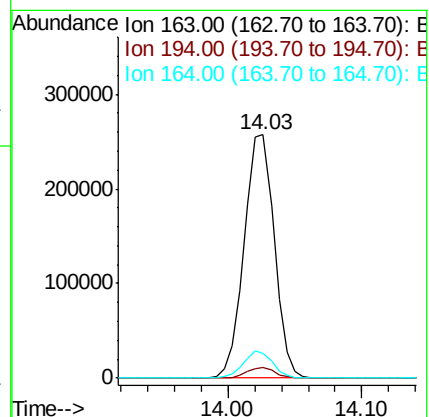
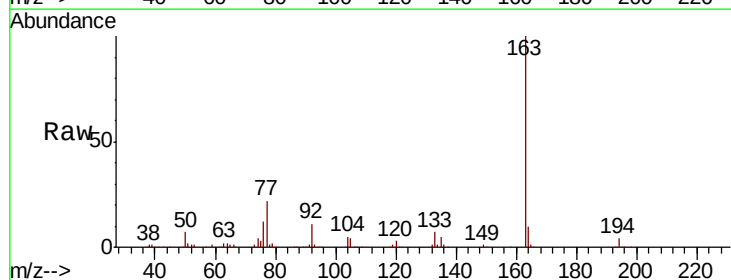
Tgt Ion:163 Resp: 400728

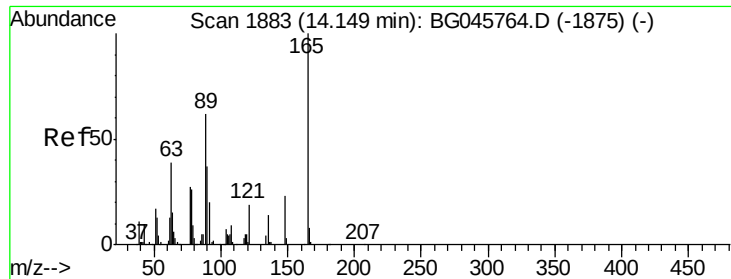
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.2 8.9 13.3

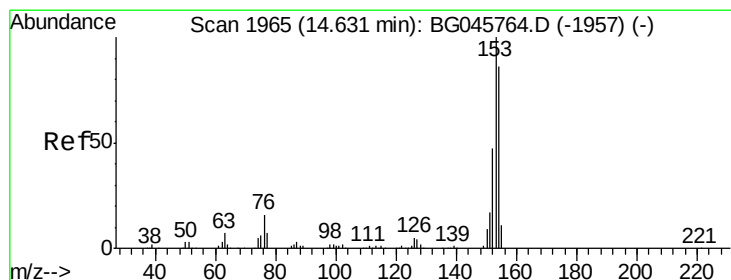
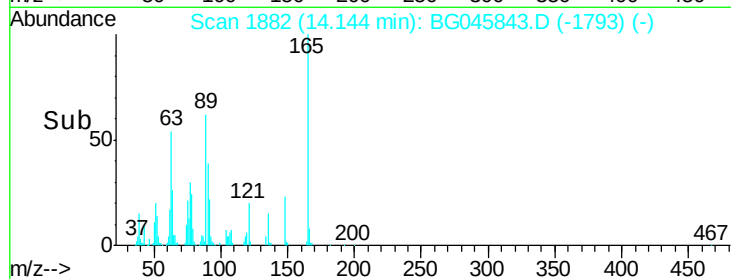
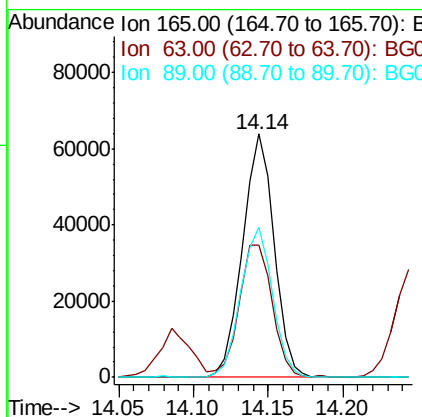
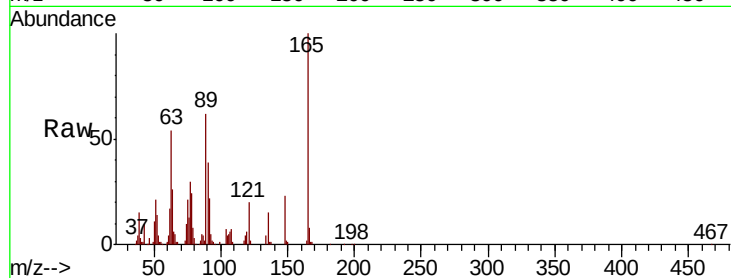




#51
 2,6-Dinitrotoluene
 Concen: 43.330 ng
 RT: 14.14 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

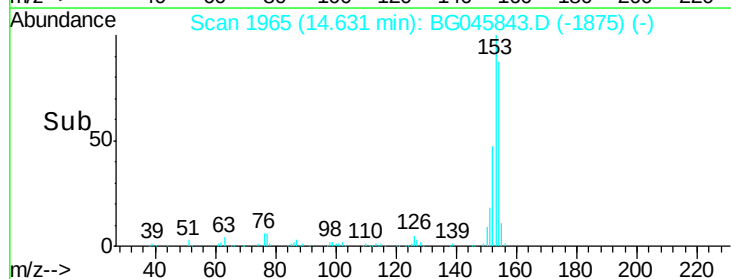
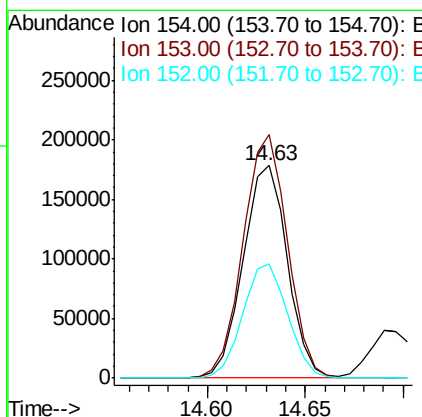
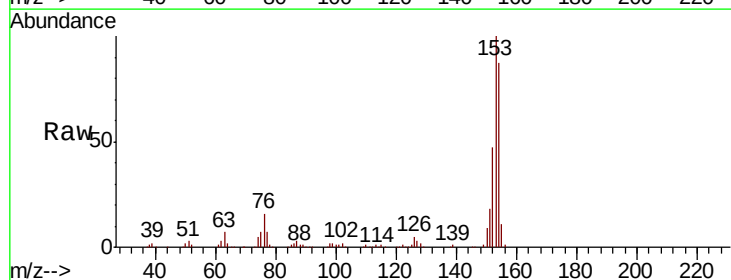
Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

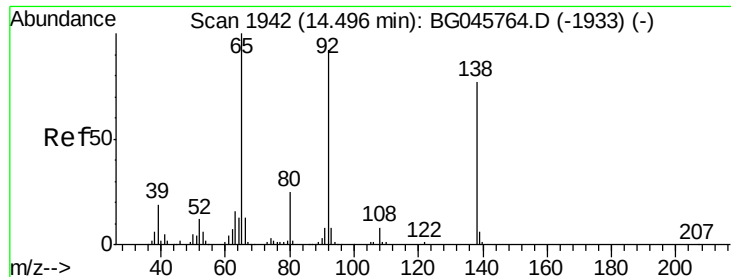
Tot Ion:165 Resp: 93379
 Ion Ratio Lower Upper
 165 100
 63 54.2 41.2 61.8
 89 61.8 49.7 74.5



#52
 Acenaphthene
 Concen: 40.734 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion:154 Resp: 280135
 Ion Ratio Lower Upper
 154 100
 153 114.6 93.0 139.4
 152 54.1 43.7 65.5

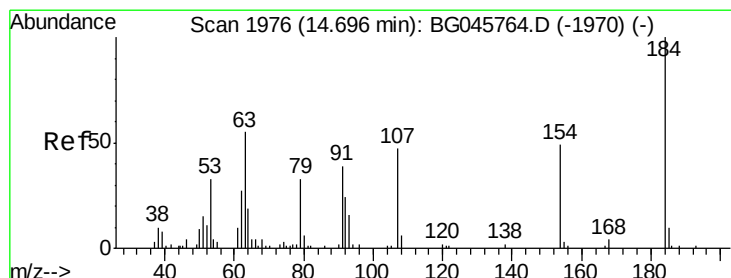
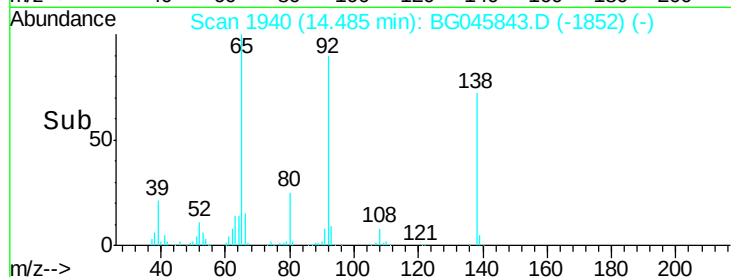
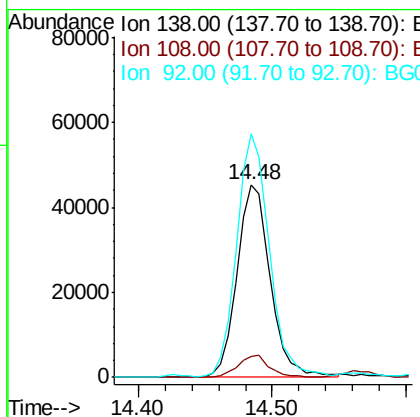
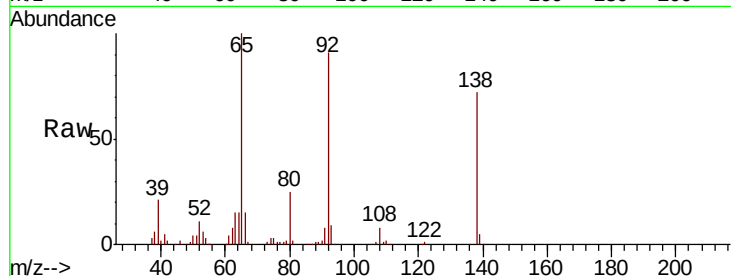




#53
 3-Nitroaniline
 Concen: 36.325 ng
 RT: 14.48 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

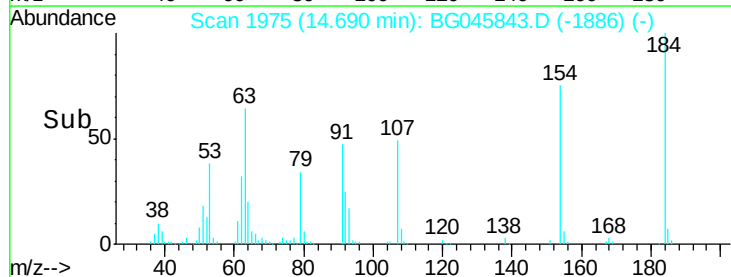
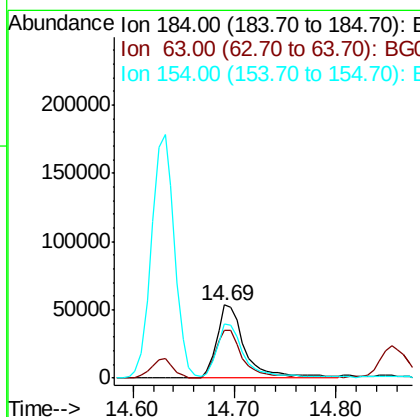
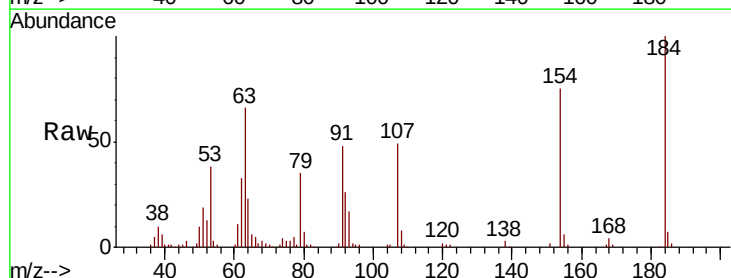
Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

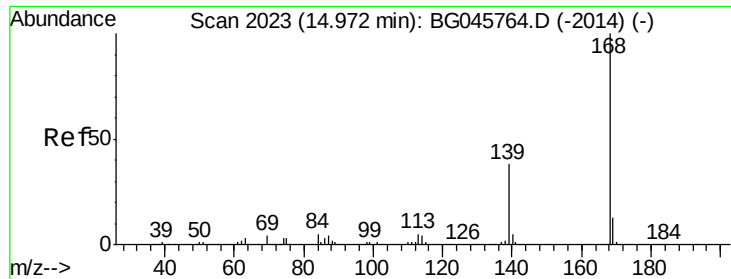
Tot Ion:138 Resp: 78193
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.4 12.6
 92 126.2 95.6 143.4



#54
 2,4-Dinitrophenol
 Concen: 85.731 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion:184 Resp: 103723
 Ion Ratio Lower Upper
 184 100
 63 65.9 46.6 70.0
 154 74.7 58.6 87.8

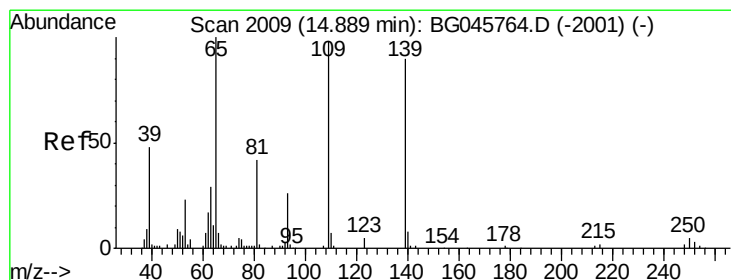
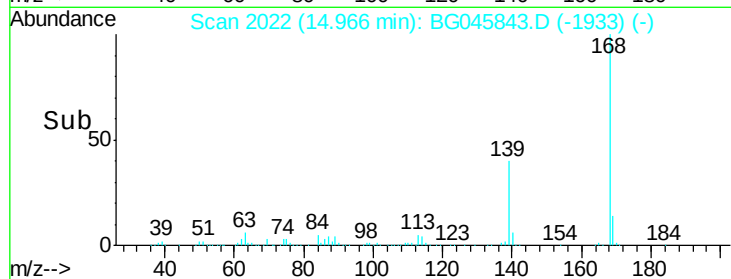
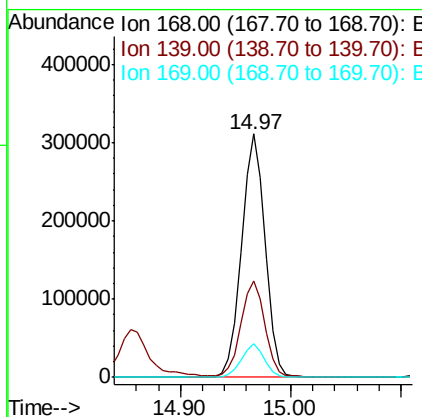
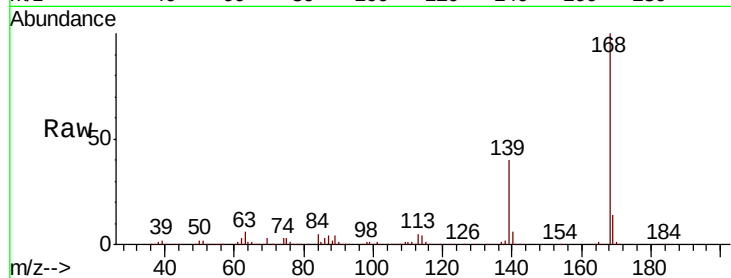




#55
Dibenzofuran
Concen: 41.788 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

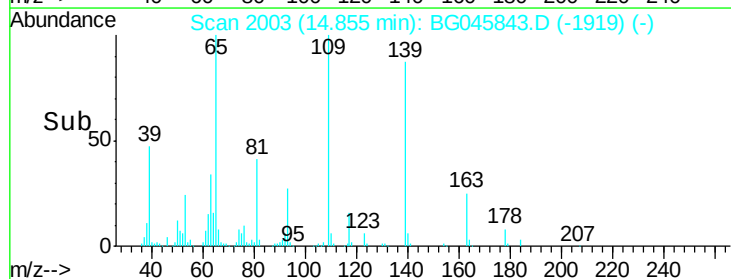
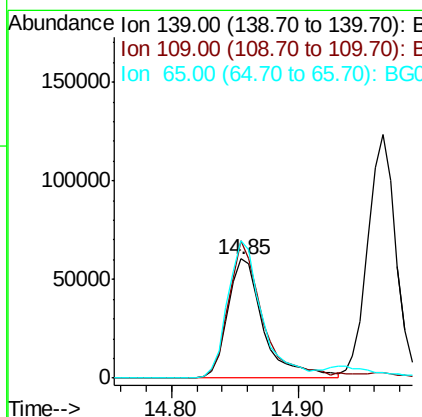
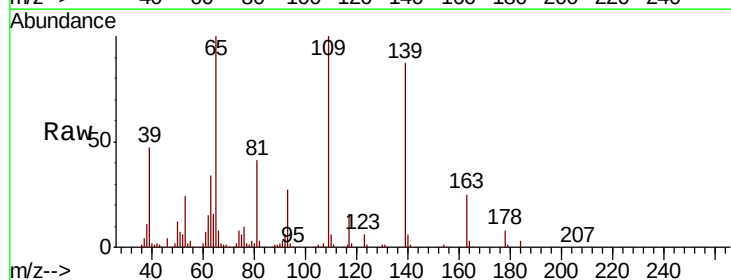
Instrument :
BNA_G
ClientSampleId :
PB129710BS

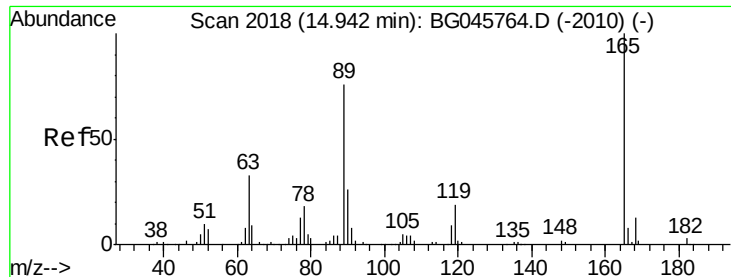
Tot Ion:168 Resp: 466863
Ion Ratio Lower Upper
168 100
139 39.7 31.8 47.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 76.843 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion:139 Resp: 118256
Ion Ratio Lower Upper
139 100
109 115.1 88.9 128.9
65 114.9 92.3 132.3

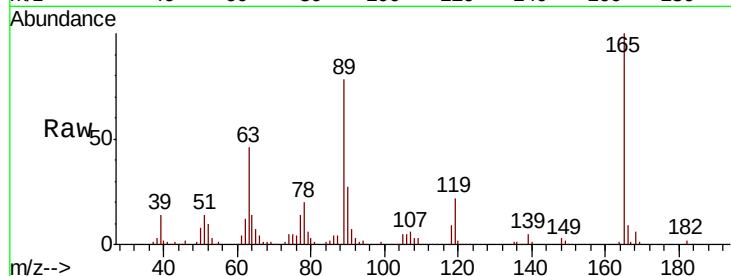




#57
2,4-Dinitrotoluene
Concen: 43.546 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Instrument :
BNA_G
ClientSampleId :
PB129710BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	33.8	50.8
89	77.7	60.4	90.6
182	2.4	2.6	3.8

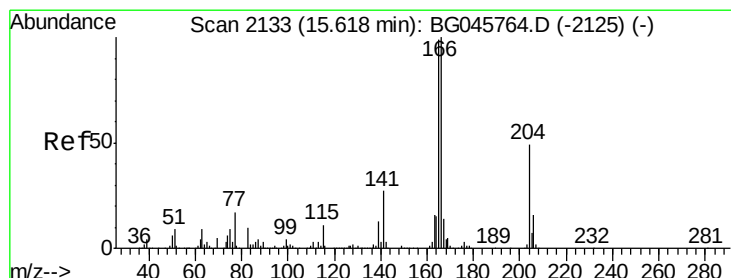
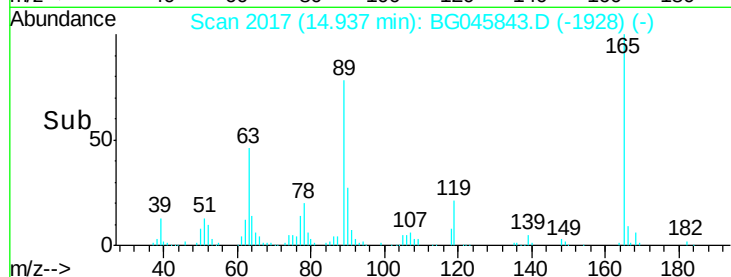
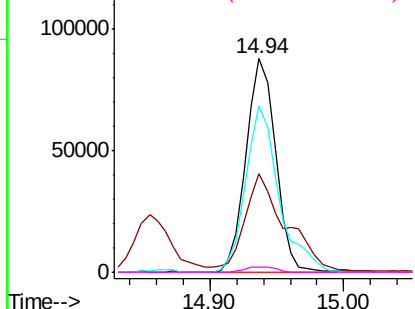


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

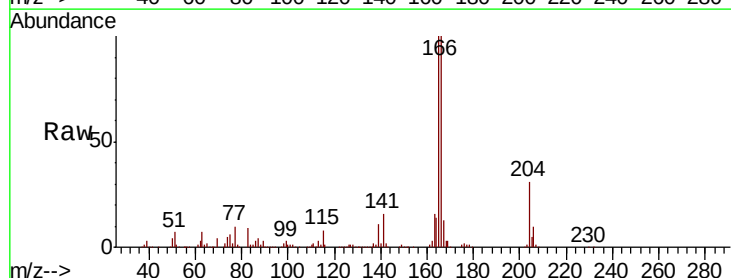
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.115 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

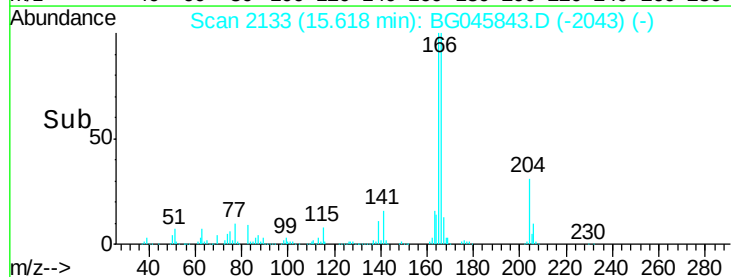
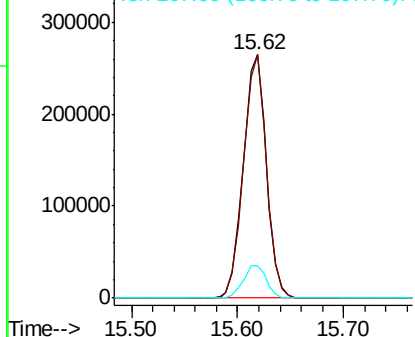
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.1	118.7
167	13.3	11.5	17.3

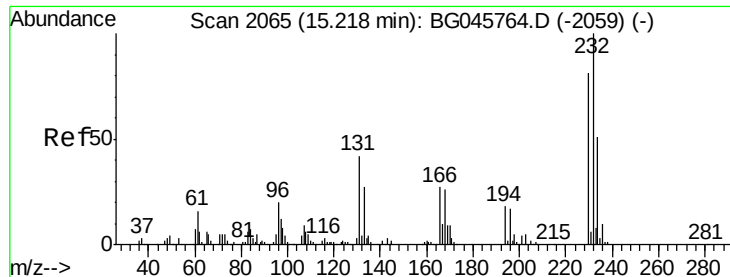


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.469 ng

RT: 15.21 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

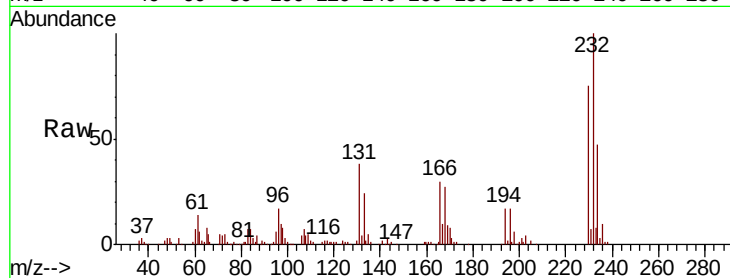
BNA_G

ClientSampleId :

PB129710BS

Tot Ion:232 Resp: 112166

Ion	Ratio	Lower	Upper
232	100		
131	41.9	32.2	48.2
130	2.7	2.2	3.4
166	29.6	21.3	31.9

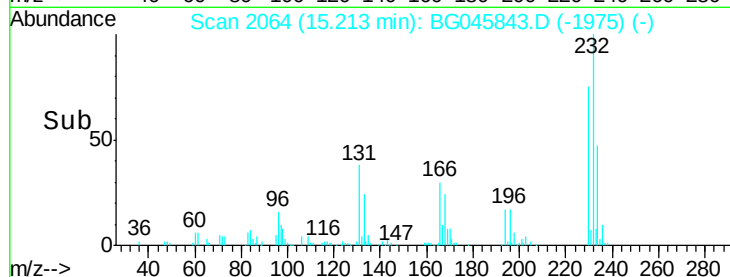


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

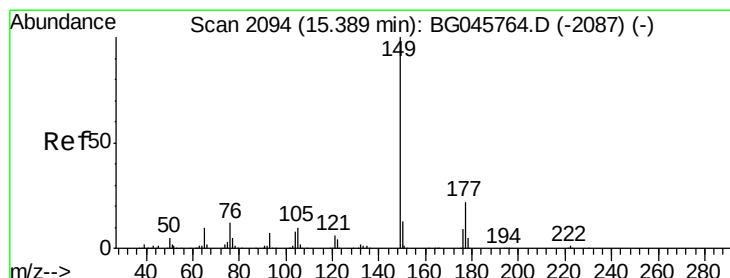
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

15.15 15.20 15.25



#60

Diethylphthalate

Concen: 43.468 ng

RT: 15.39 min Scan# 2094

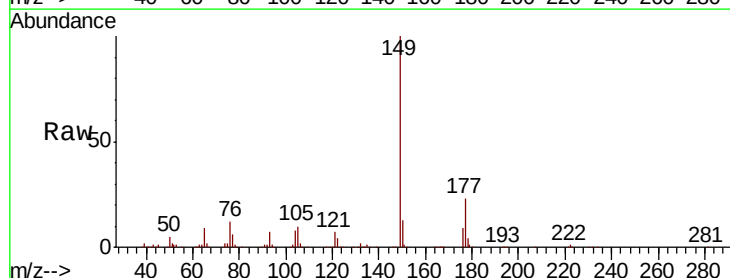
Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Tgt Ion:149 Resp: 426367

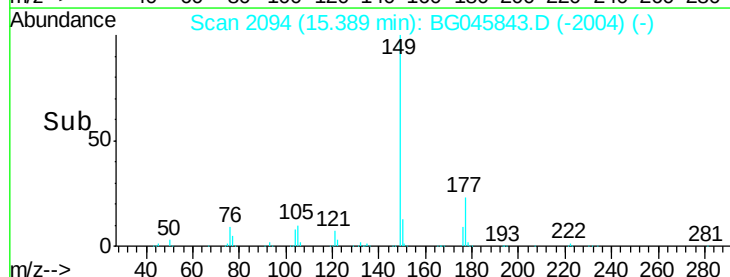
Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.2	25.8
150	12.8	10.7	16.1



Abundance Ion 149.00 (148.70 to 149.70): E

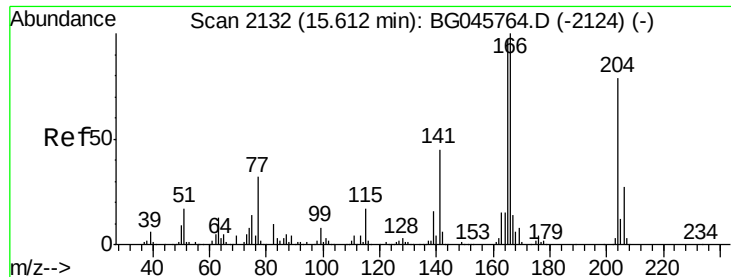
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

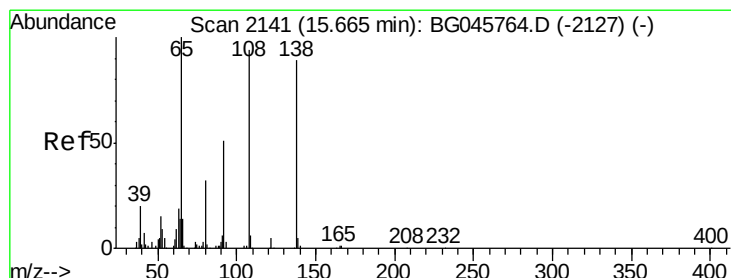
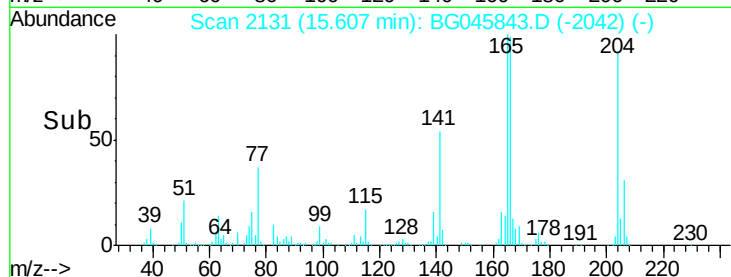
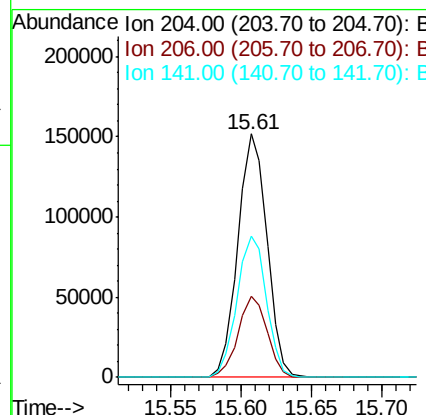
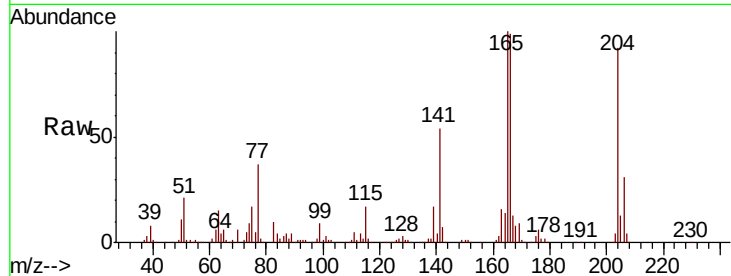
15.30 15.40



#61
4-Chlorophenyl-phenylether
Concen: 40.825 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

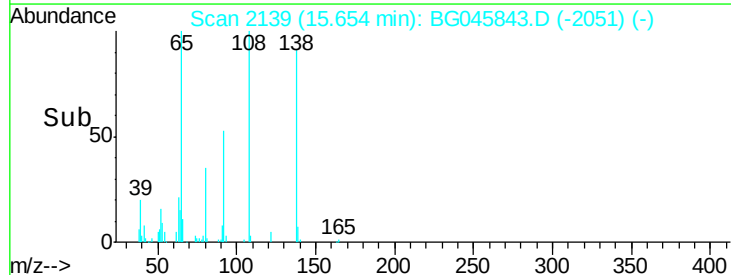
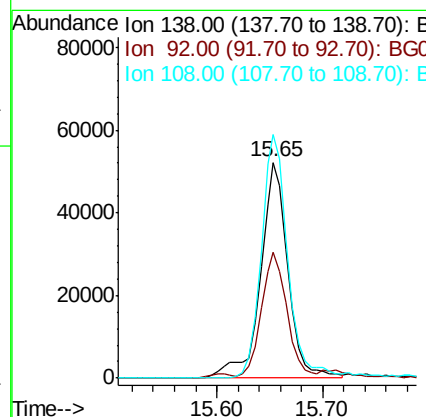
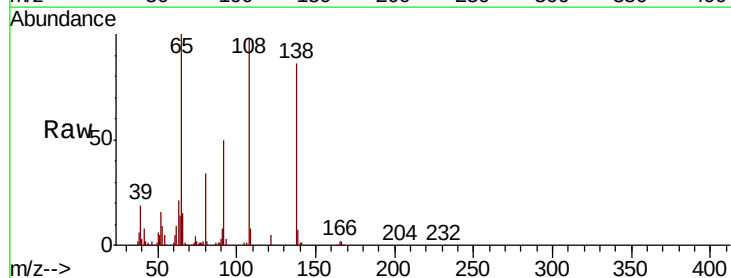
Instrument :
BNA_G
ClientSampleId :
PB129710BS

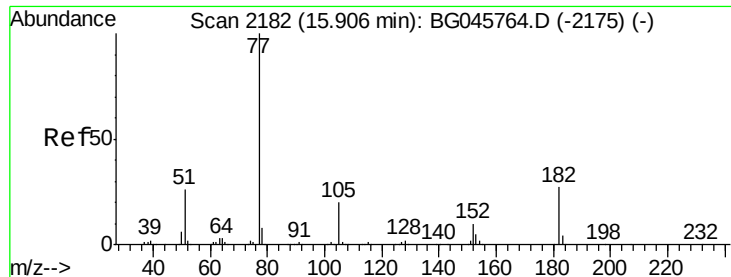
Tot Ion:204 Resp: 218590
Ion Ratio Lower Upper
204 100
206 33.4 27.2 40.8
141 58.0 45.9 68.9



#62
4-Nitroaniline
Concen: 43.089 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion:138 Resp: 95193
Ion Ratio Lower Upper
138 100
92 58.2 37.3 77.3
108 113.0 85.0 125.0

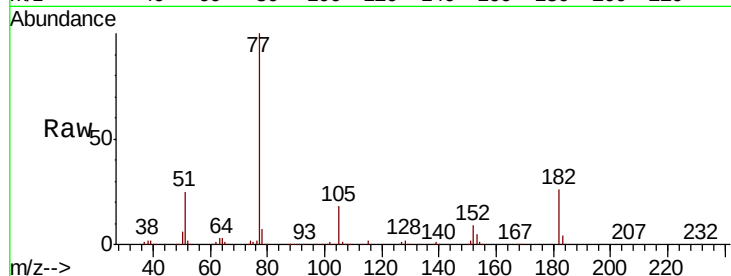




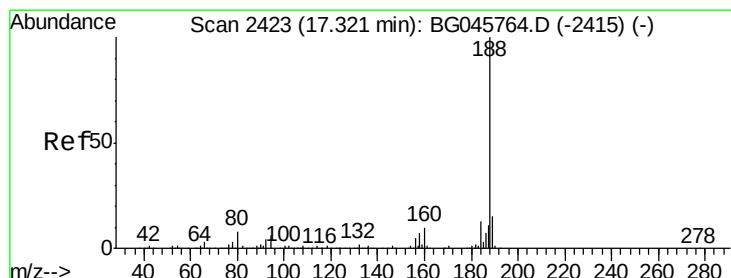
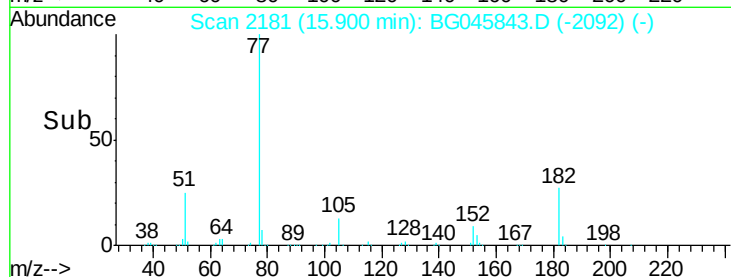
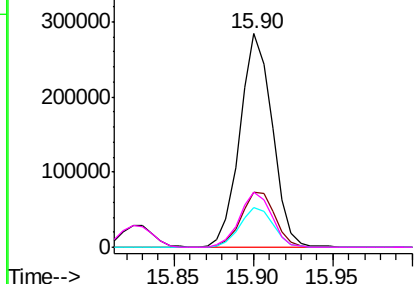
#63
Azobenzene
Concen: 42.736 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Instrument :
BNA_G
ClientSampleId :
PB129710BS

Tot Ion:	77	Resp:	402499
Ion	Ratio	Lower	Upper
77	100		
182	25.7	7.4	47.4
105	18.4	0.1	40.1
51	25.5	5.7	45.7

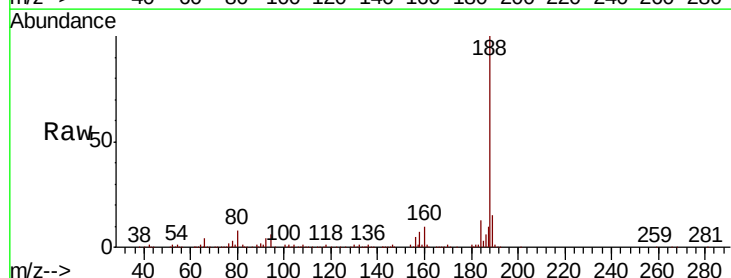


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

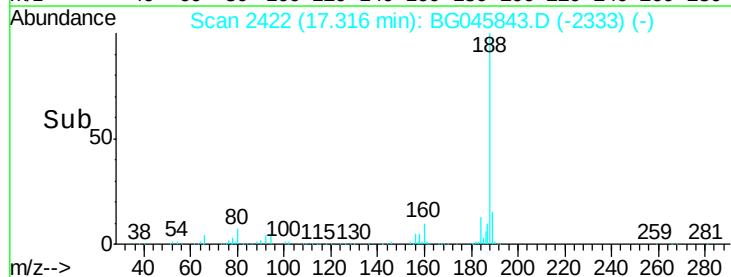
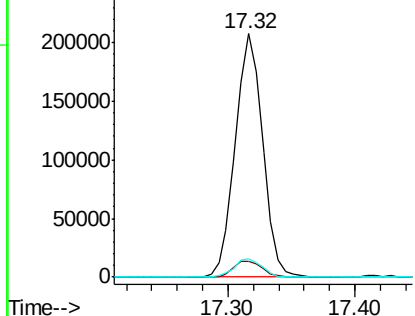


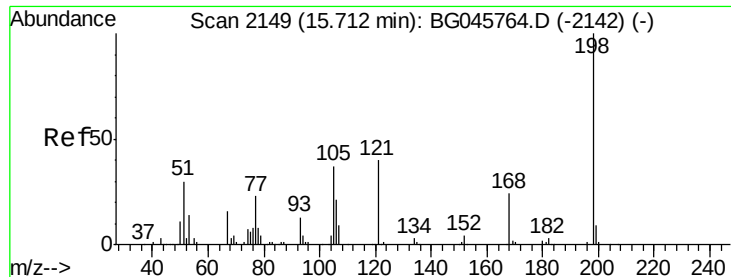
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion:	188	Resp:	310788
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	7.6	6.2	9.4



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: 44.537 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

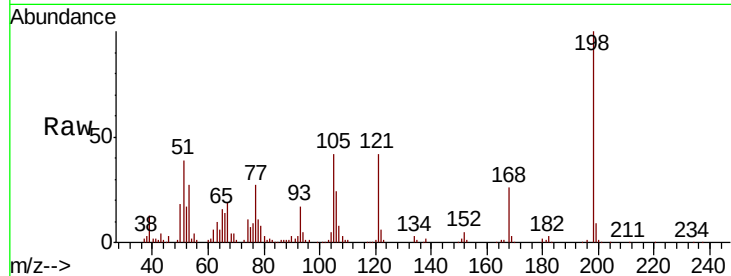
Tot Ion:198 Resp: 85541

Ion Ratio Lower Upper

198 100

51 39.4 14.6 54.6

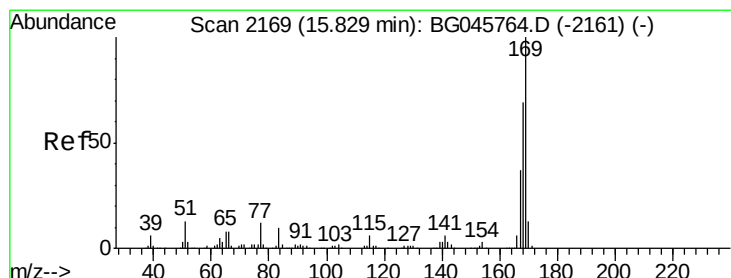
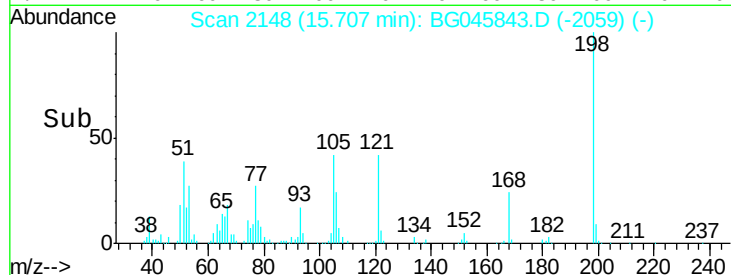
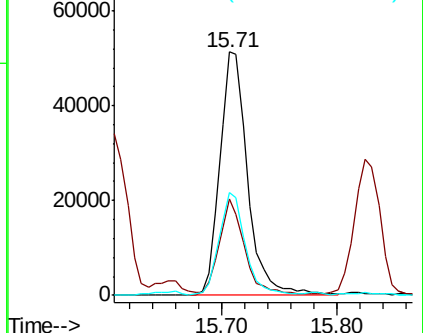
105 42.2 18.4 58.4



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: 40.304 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

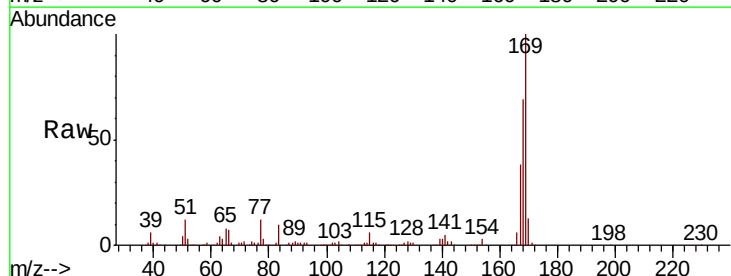
Tgt Ion:169 Resp: 354787

Ion Ratio Lower Upper

169 100

168 68.7 55.2 82.8

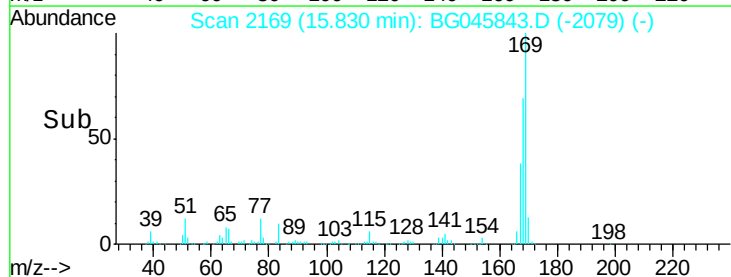
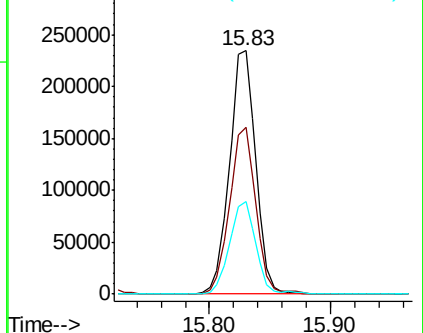
167 38.1 29.8 44.6

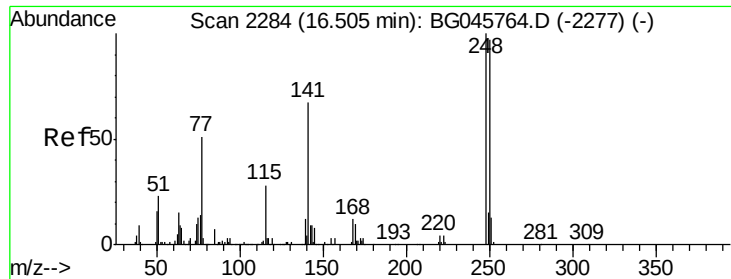


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

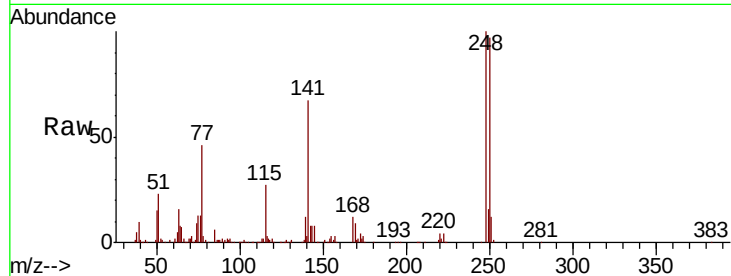




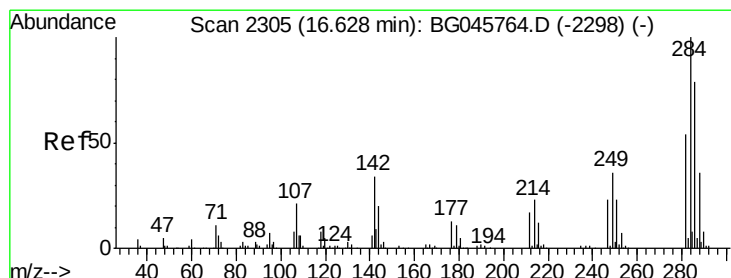
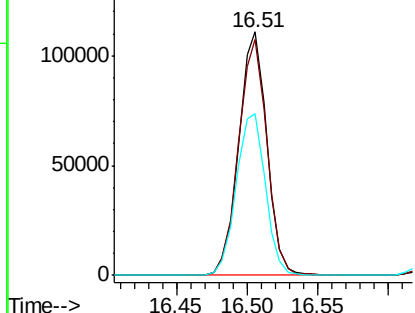
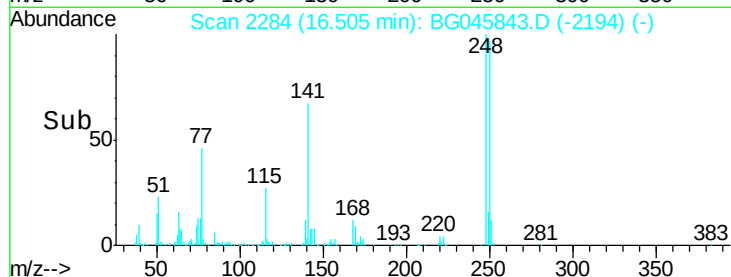
#67
4-Bromophenyl-phenylether
Concen: 37.919 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Instrument :
BNA_G
ClientSampleId :
PB129710BS

Tot Ion:248 Resp: 153128
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 66.6 53.9 80.9

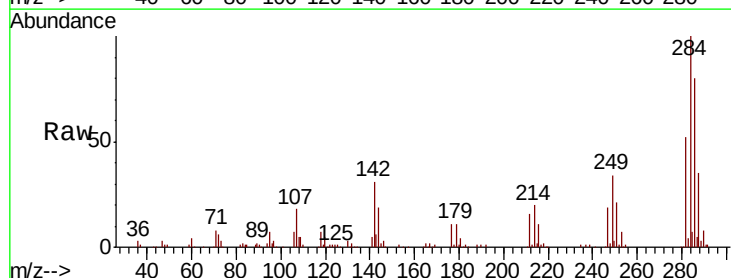


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

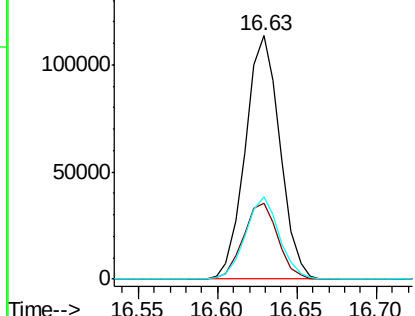
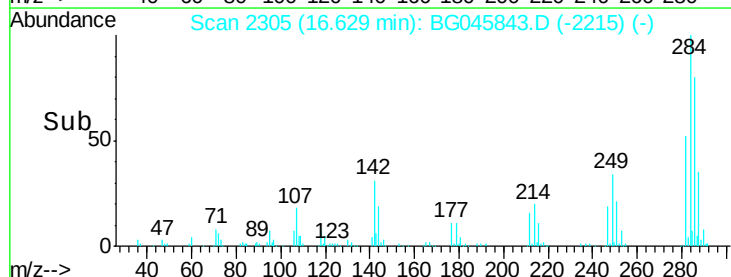


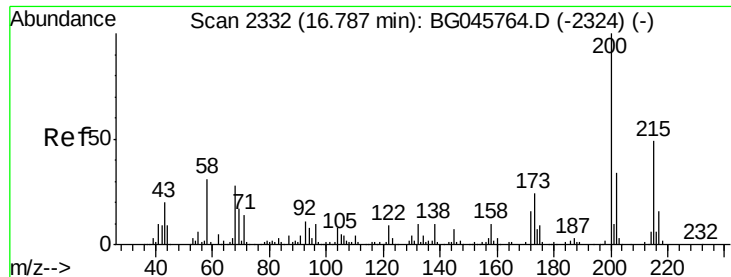
#68
Hexachlorobenzene
Concen: 41.067 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion:284 Resp: 171969
Ion Ratio Lower Upper
284 100
142 31.4 26.9 40.3
249 33.7 28.6 42.8



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: 40.703 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

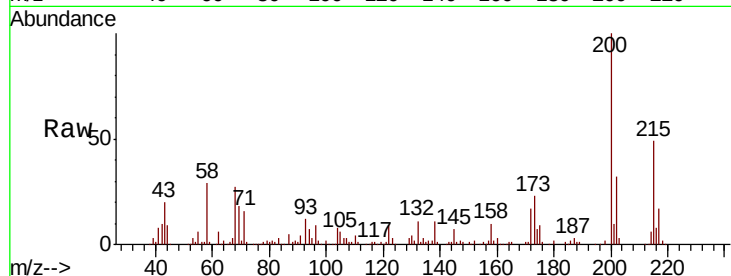
Tot Ion:200 Resp: 139034

Ion Ratio Lower Upper

200 100

173 22.7 3.9 43.9

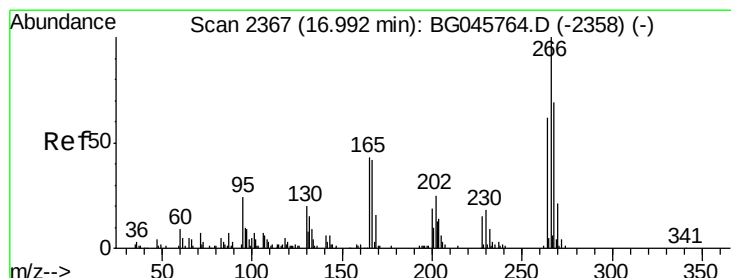
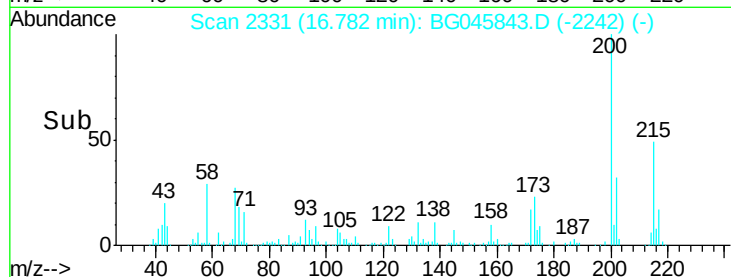
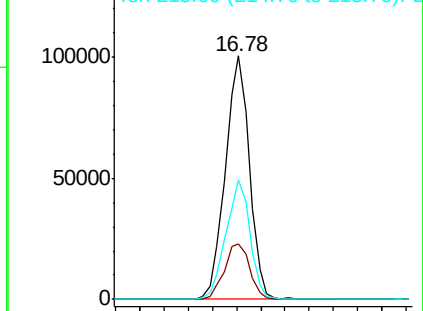
215 48.9 28.8 68.8



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: 70.711 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

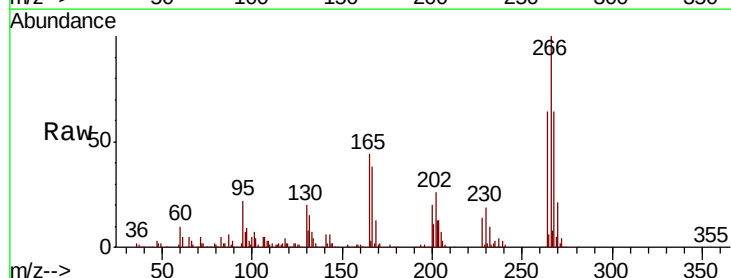
Tgt Ion:266 Resp: 144007

Ion Ratio Lower Upper

266 100

268 63.7 55.4 83.0

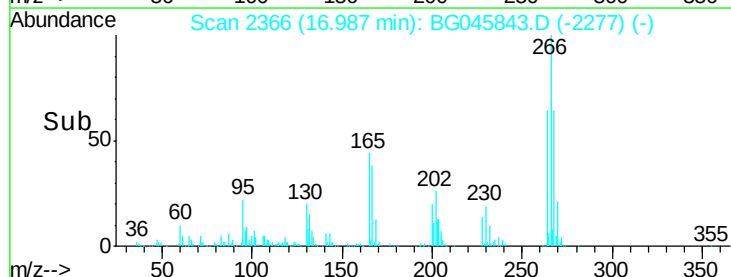
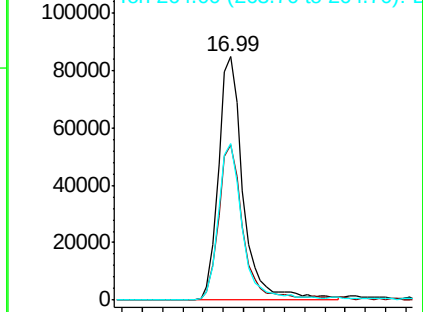
264 64.1 49.8 74.6

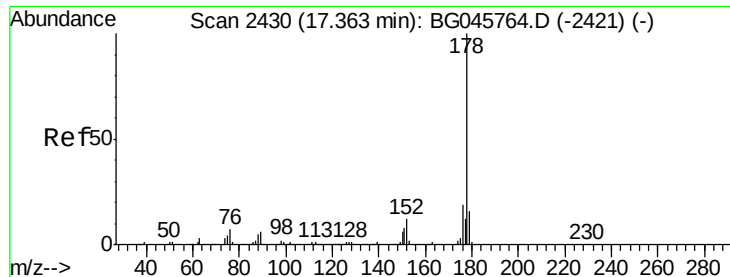


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

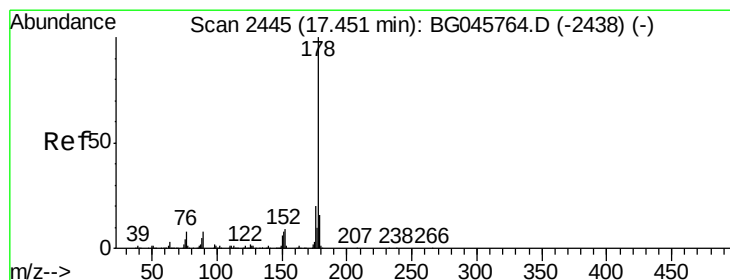
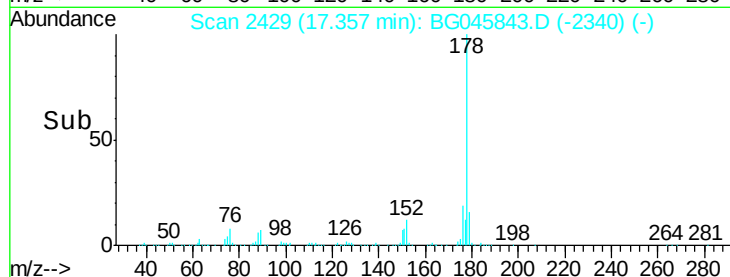
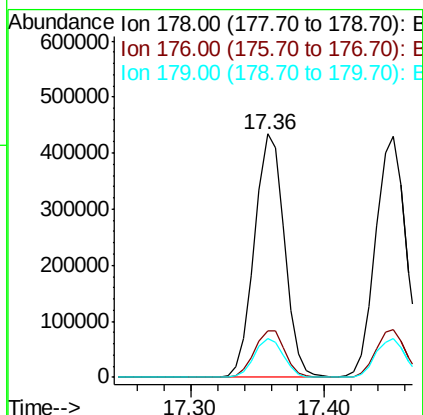
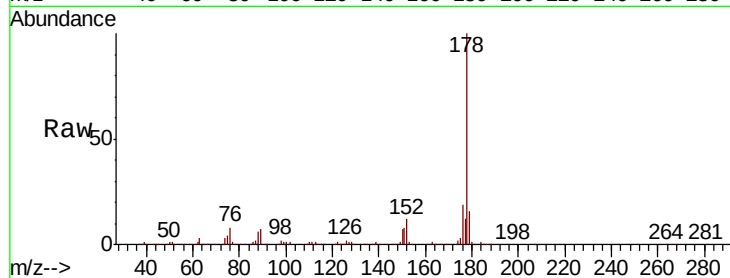




#71
Phenanthrene
Concen: 41.892 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

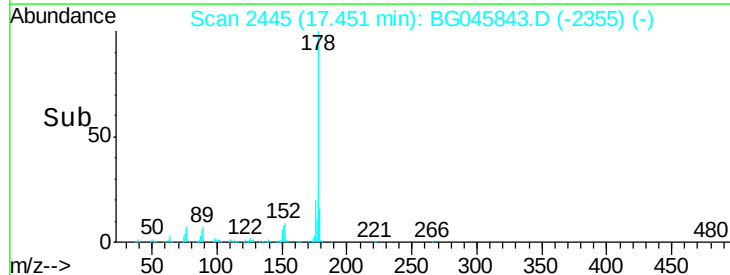
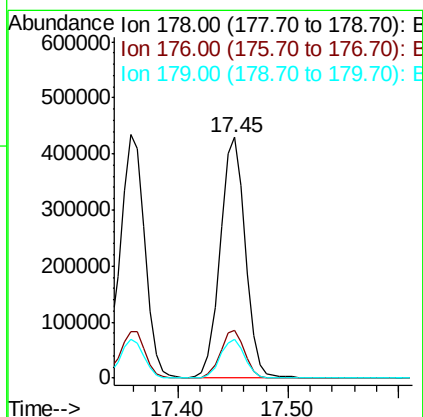
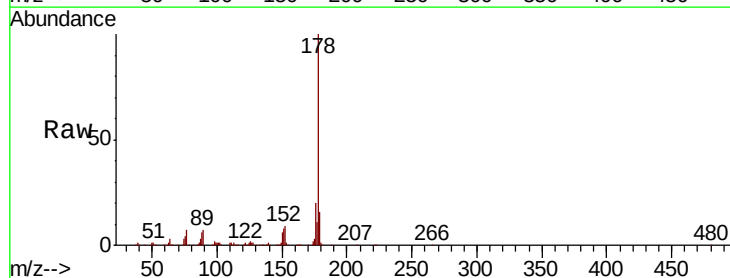
Instrument :
BNA_G
ClientSampleId :
PB129710BS

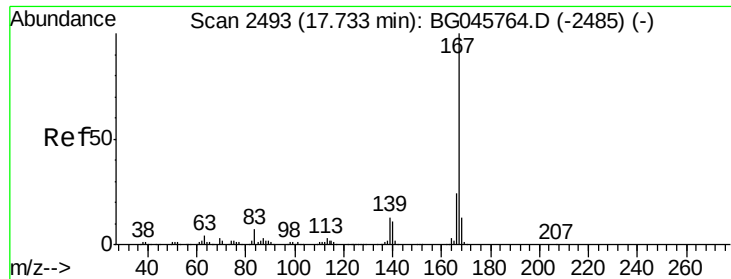
Tot Ion:178 Resp: 671475
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.7 13.2 19.8



#72
Anthracene
Concen: 42.547 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion:178 Resp: 679100
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.1 13.1 19.7

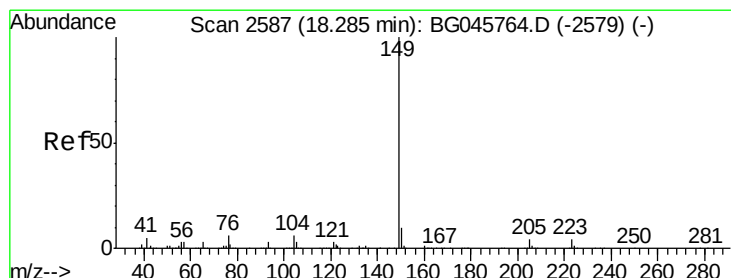
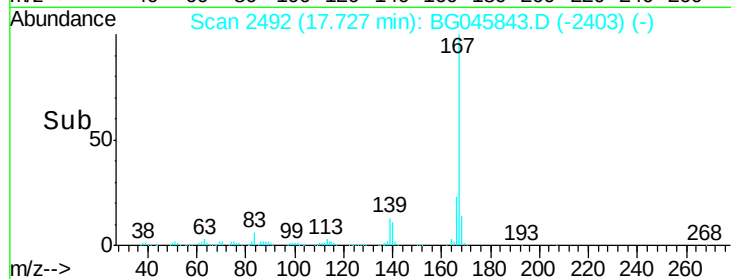
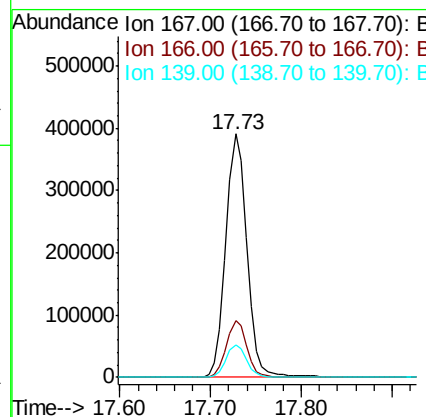
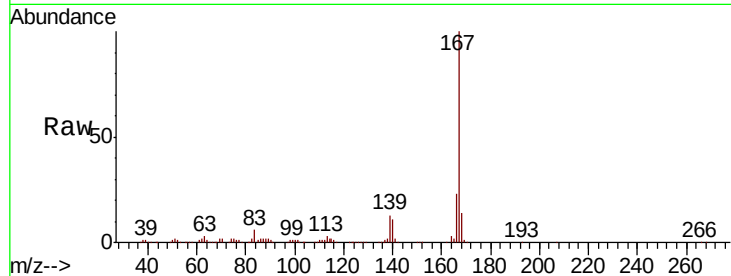




#73
 Carbazole
 Concen: 41.573 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

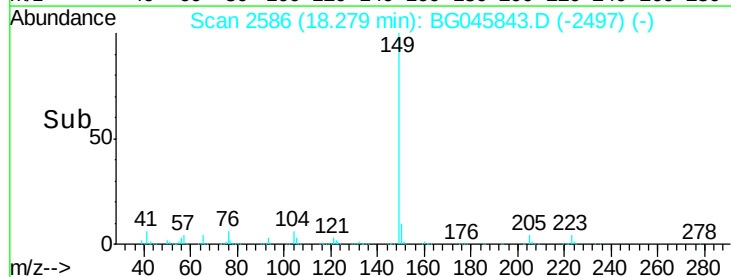
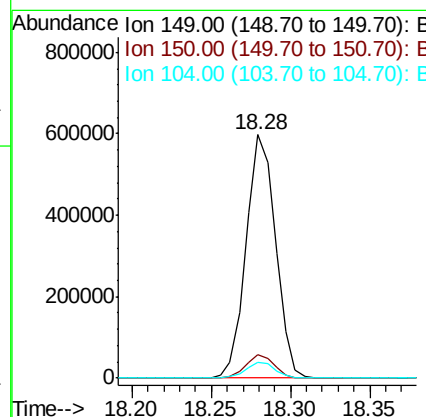
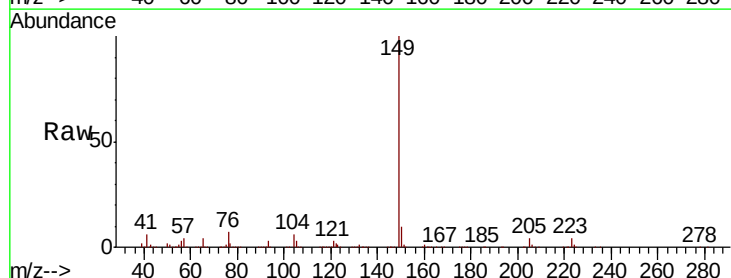
Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

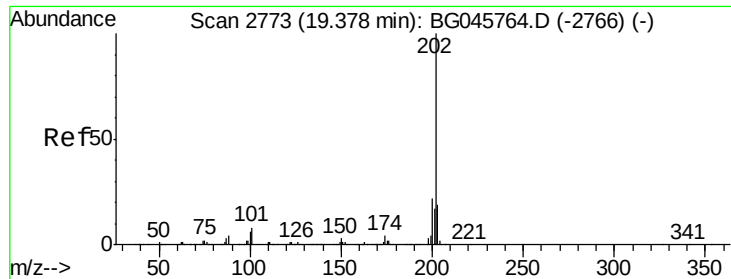
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.9	28.3
139	13.5	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 42.852 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.4	5.1	7.7





#75

Fluoranthene

Concen: 44.331 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

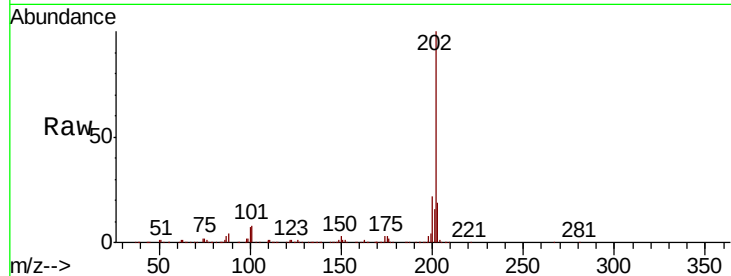
Tot Ion:202 Resp: 873749

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.7

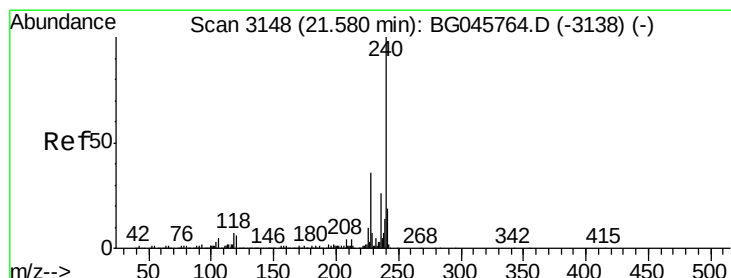
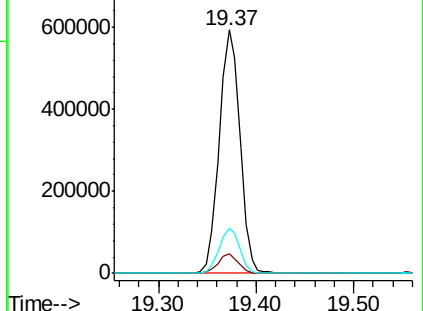
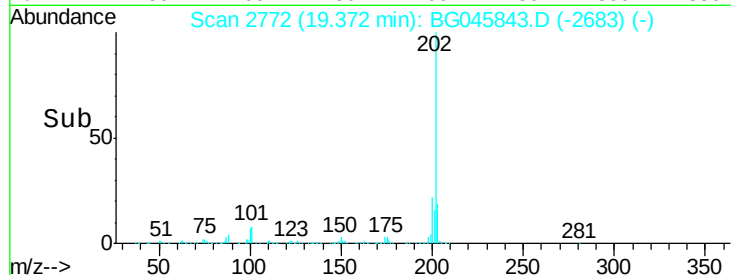
203 18.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

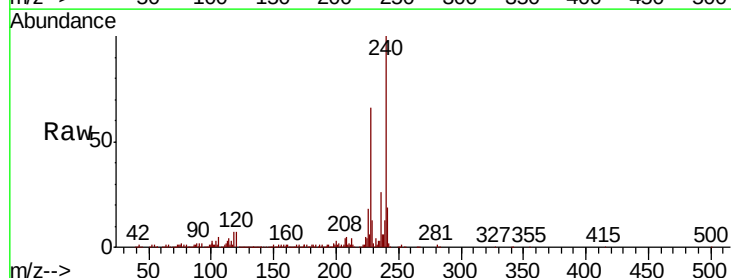
Tgt Ion:240 Resp: 313732

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.4

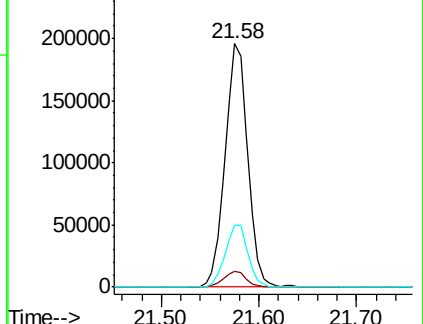
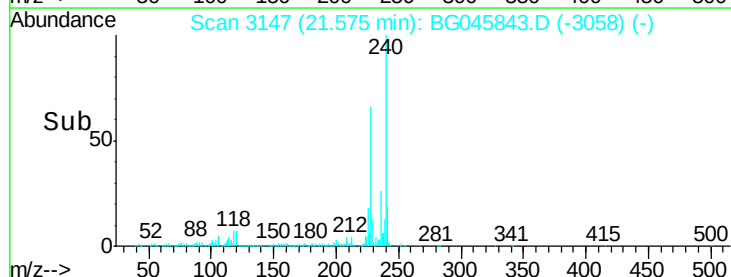
236 25.5 20.6 30.8

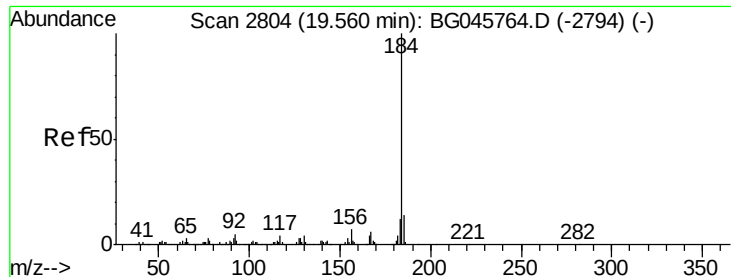


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.097 ng

RT: 19.55 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

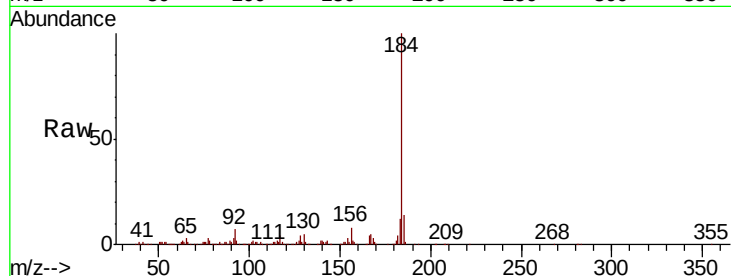
Tot Ion:184 Resp: 514627

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

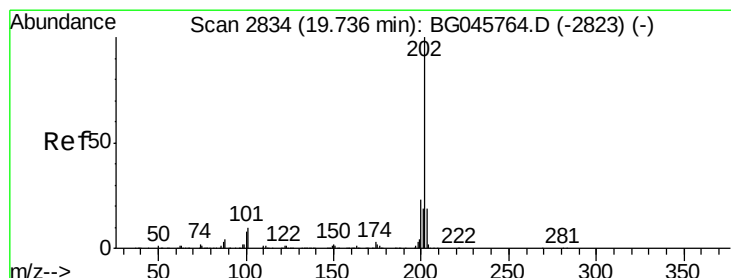
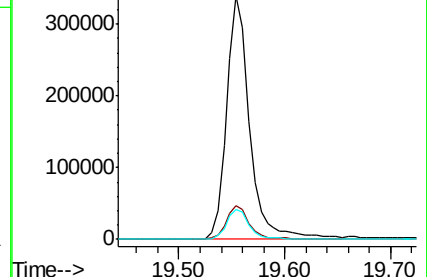
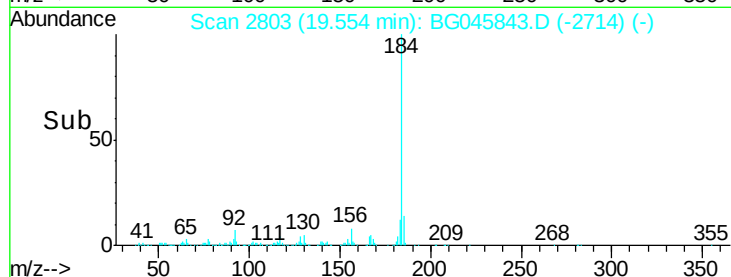
183 12.3 9.7 14.5



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: 40.987 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

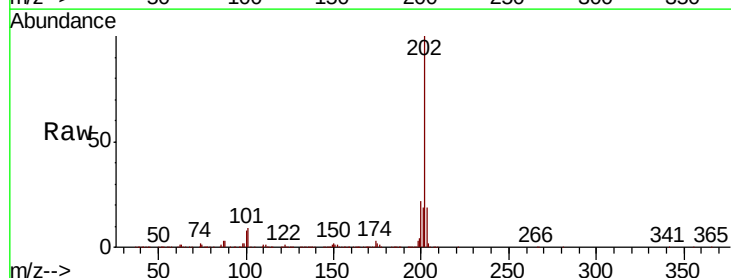
Tgt Ion:202 Resp: 861077

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

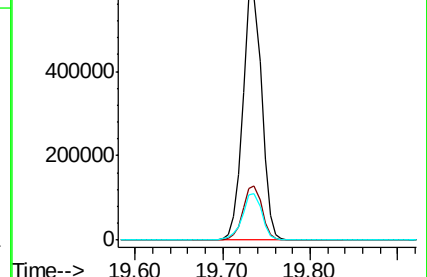
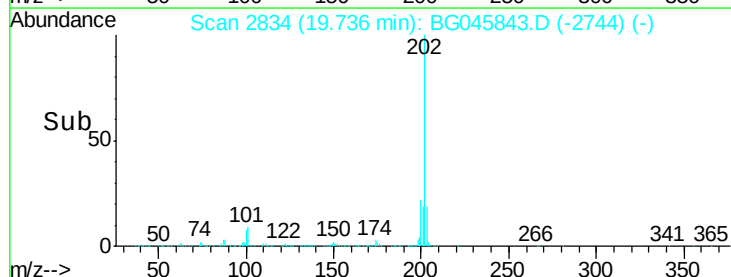
203 19.3 14.8 22.2

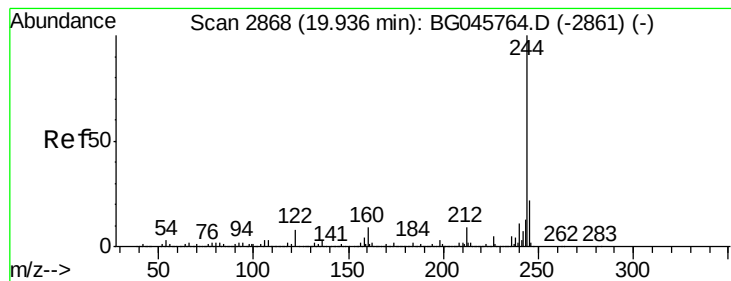


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.667 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampled :

PB129710BS

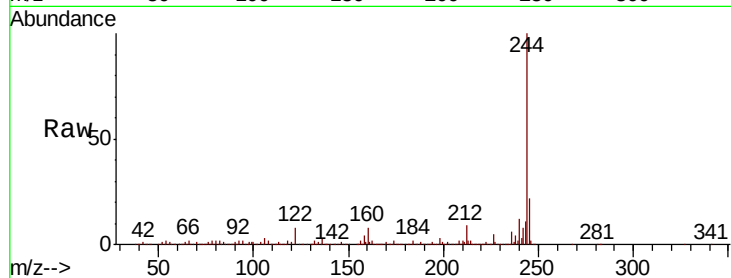
Tot Ion:244 Resp: 1465519

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

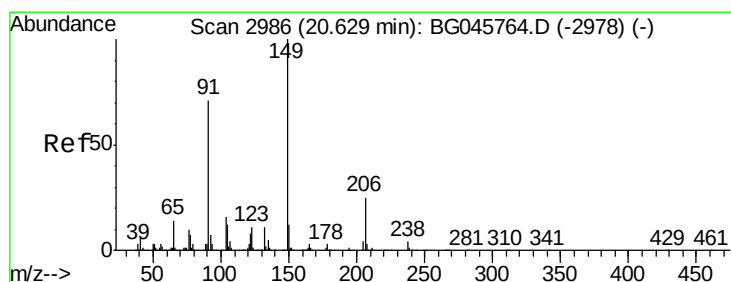
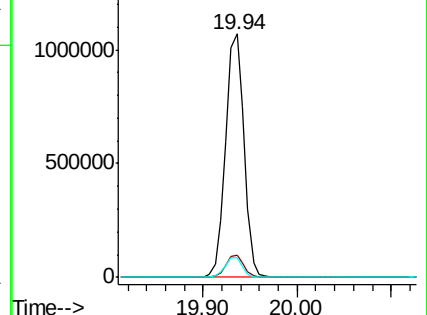
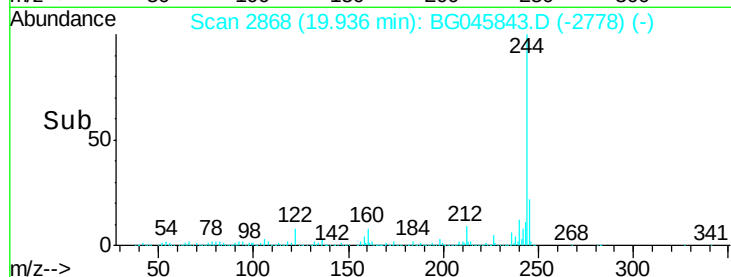
122 8.2 6.4 9.6



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: 39.939 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

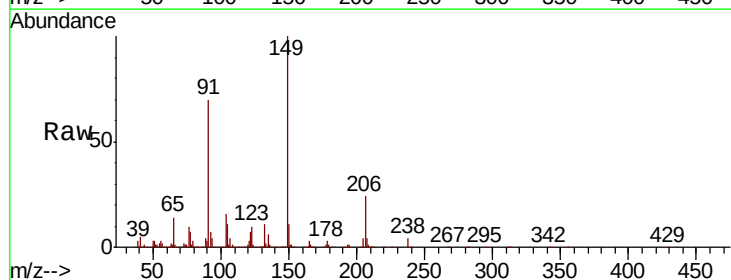
Tgt Ion:149 Resp: 351210

Ion Ratio Lower Upper

149 100

91 70.0 56.4 84.6

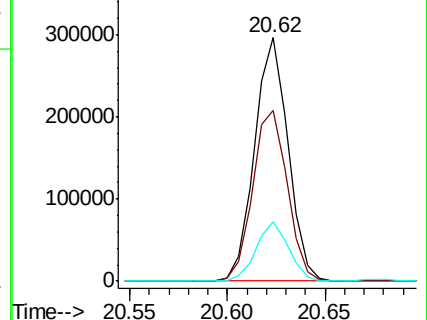
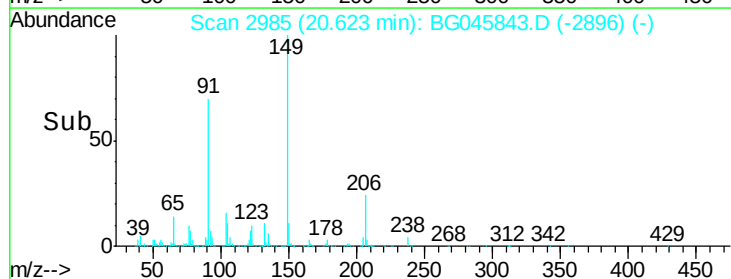
206 24.3 19.8 29.6

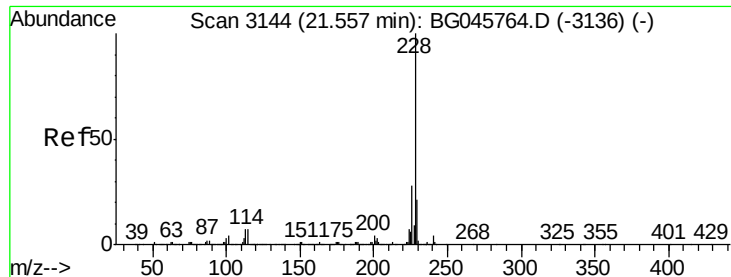


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.891 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

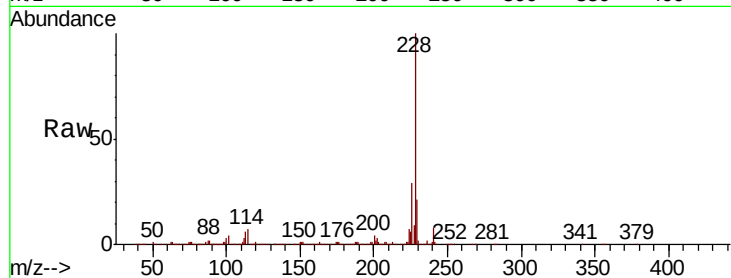
Tot Ion:228 Resp: 831736

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

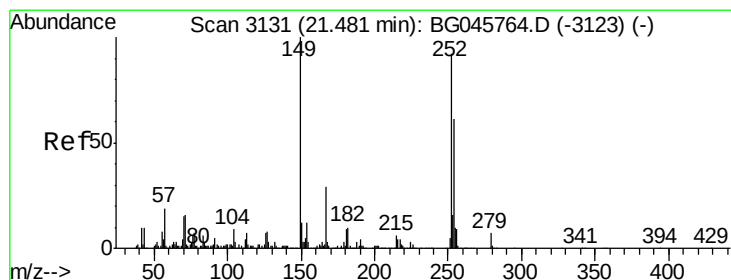
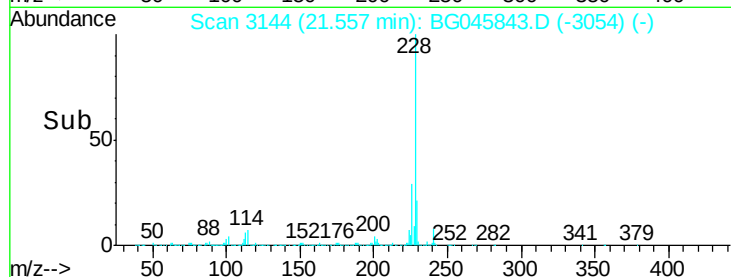
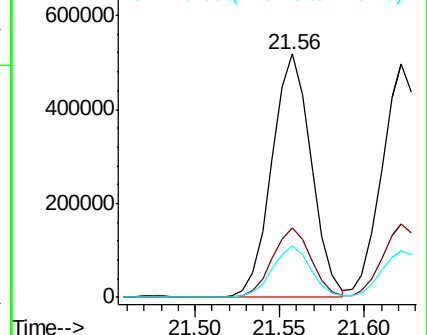
229 21.0 16.6 24.8



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: 36.836 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

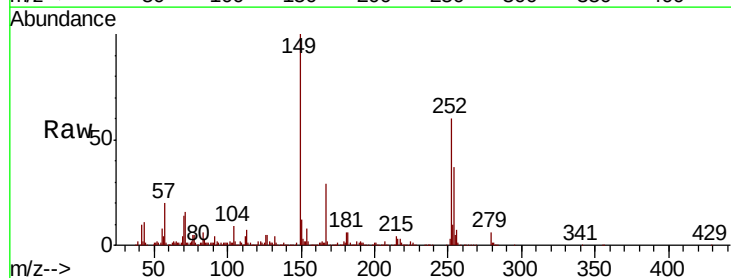
Tgt Ion:252 Resp: 283416

Ion Ratio Lower Upper

252 100

254 62.2 53.4 80.0

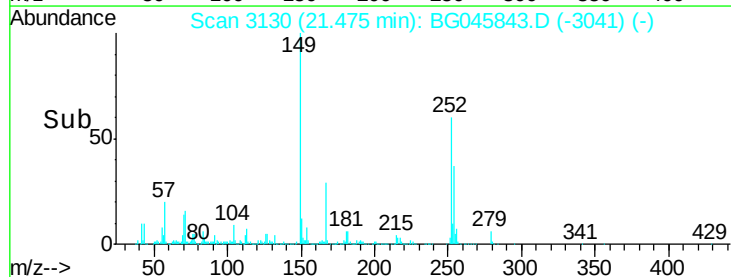
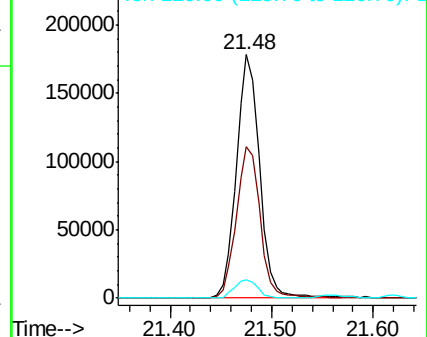
126 7.6 5.8 8.8

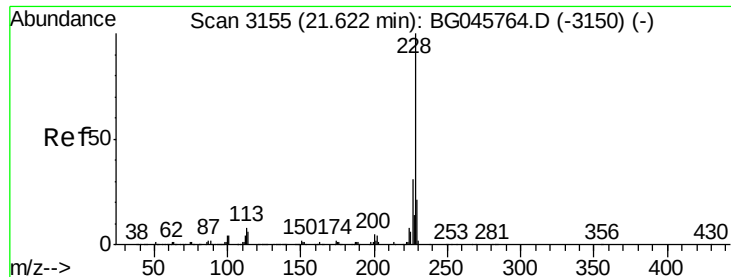


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.325 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

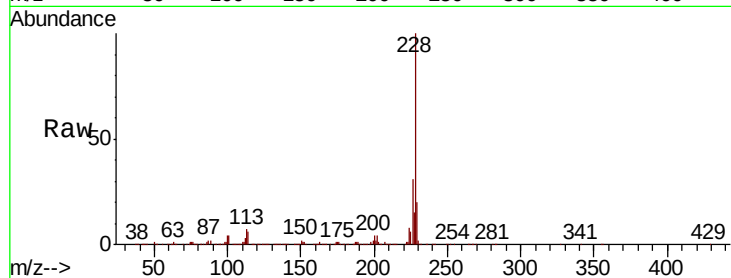
Tot Ion:228 Resp: 813005

Ion Ratio Lower Upper

228 100

226 31.2 25.1 37.7

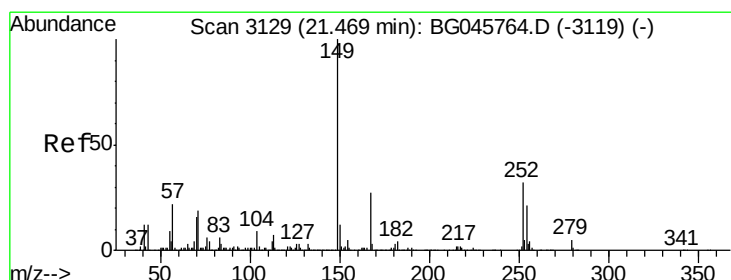
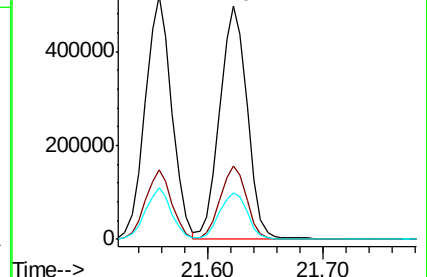
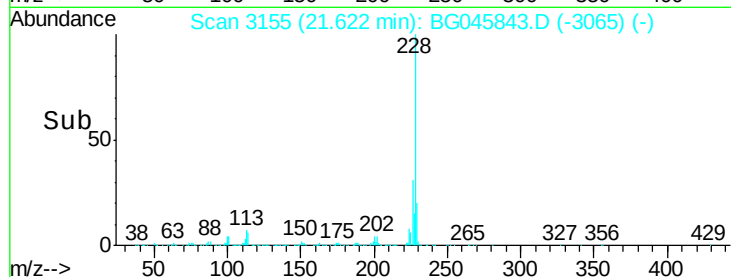
229 19.8 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.790 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

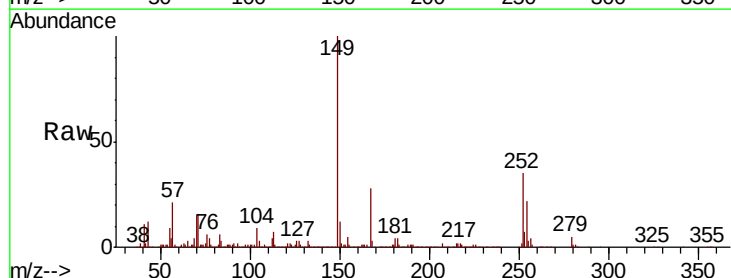
Tgt Ion:149 Resp: 498924

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

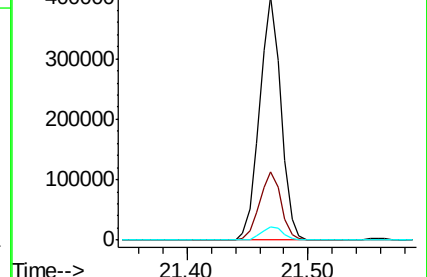
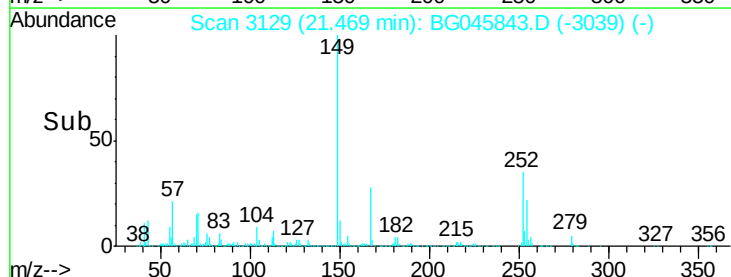
279 5.3 3.7 5.5

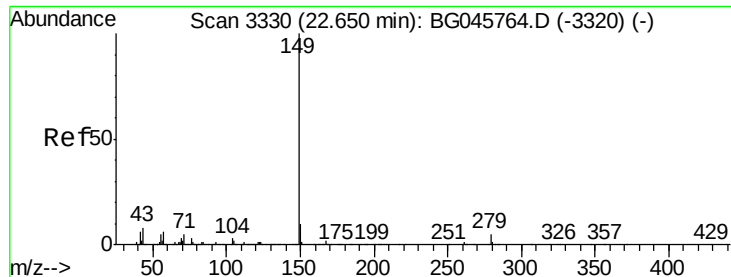


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.575 ng

RT: 22.64 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

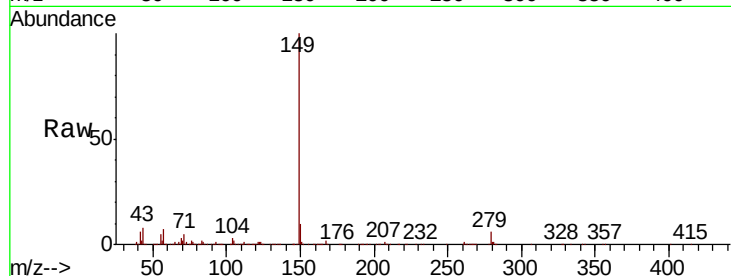
Tot Ion:149 Resp: 856079

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

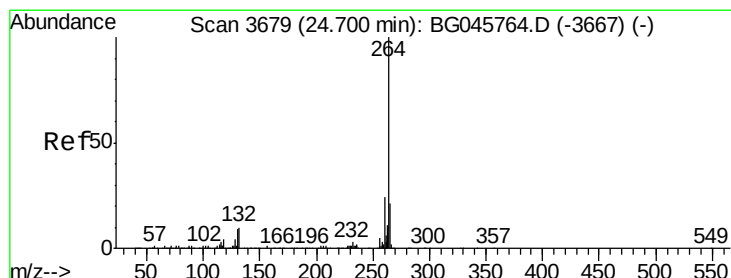
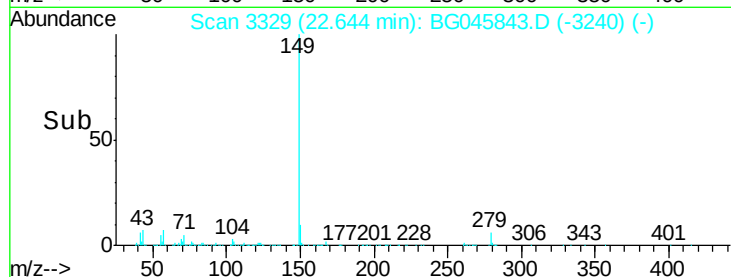
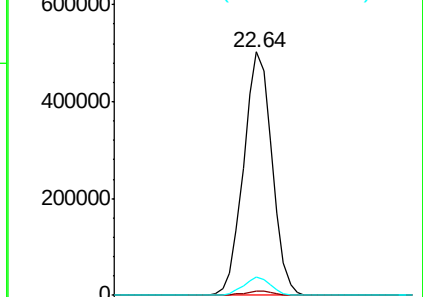
43 7.2 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

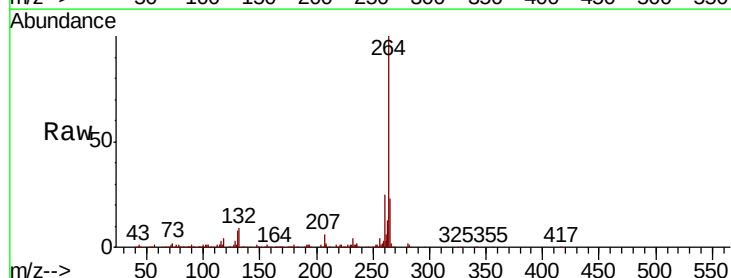
Tgt Ion:264 Resp: 346236

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

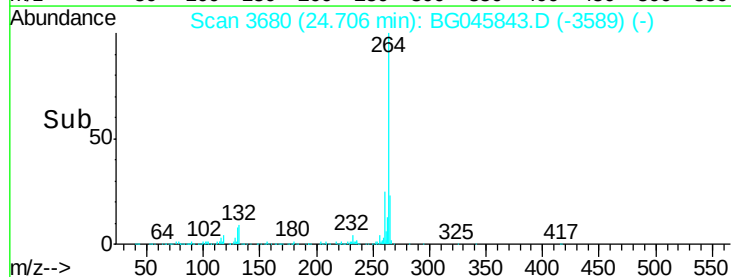
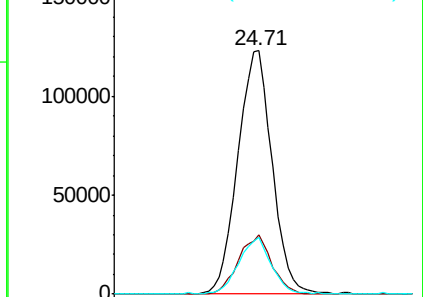
265 23.1 17.4 26.0

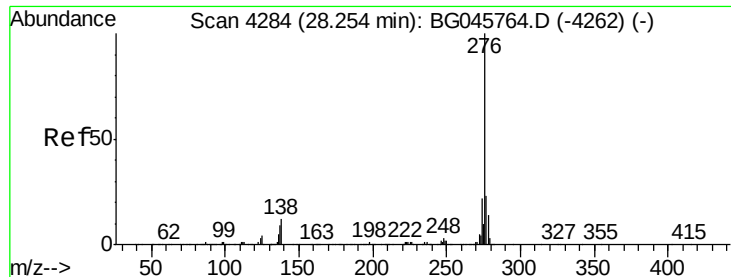


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

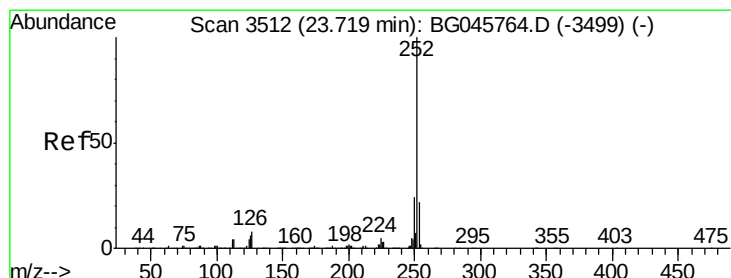
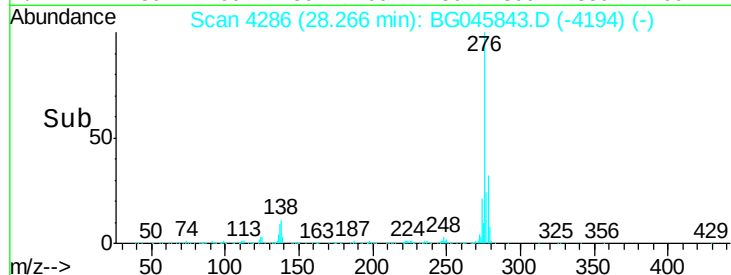
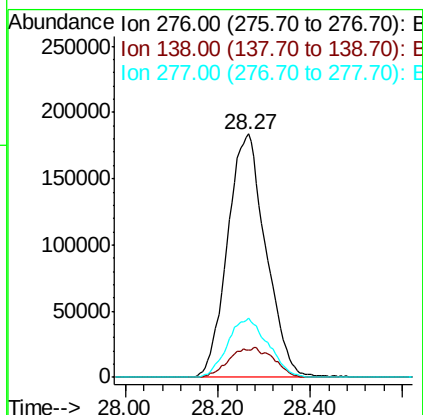
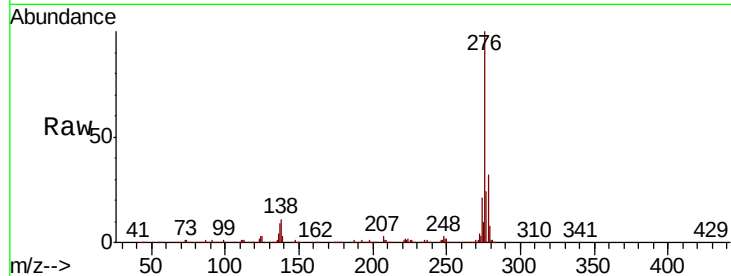




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.257 ng
 RT: 28.27 min Scan# 4286
 Delta R.T. 0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

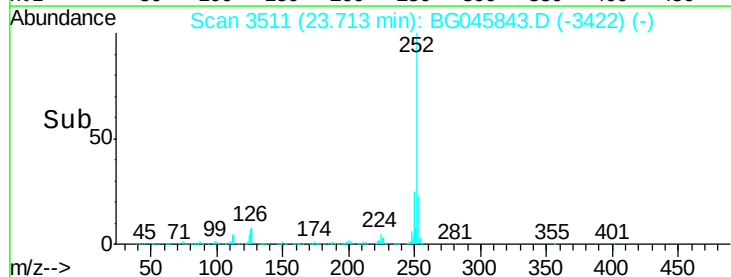
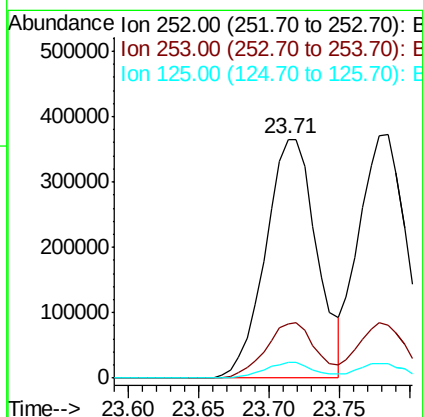
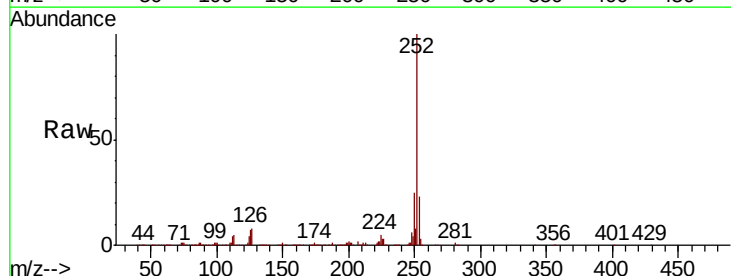
Instrument :
 BNA_G
 ClientSampleId :
 PB129710BS

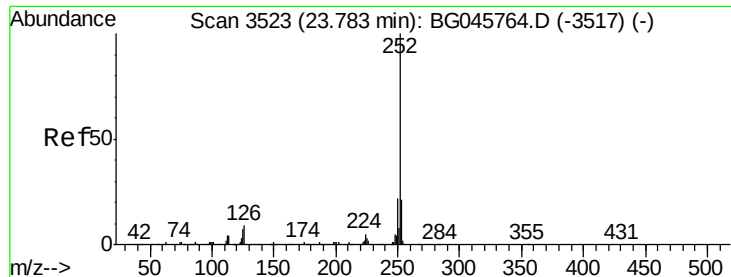
Tot Ion:276 Resp: 1060670
 Ion Ratio Lower Upper
 276 100
 138 6.6 5.4 8.0
 277 25.4 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 42.633 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BG045843.D
 Acq: 24 Jun 2020 12:04

Tgt Ion:252 Resp: 925504
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.0
 125 6.6 5.0 7.4





#89

Benzo(k)fluoranthene

Concen: 41.698 ng

RT: 23.78 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

PB129710BS

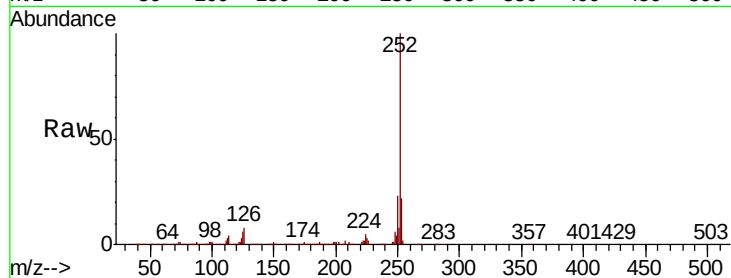
Tot Ion:252 Resp: 866358

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

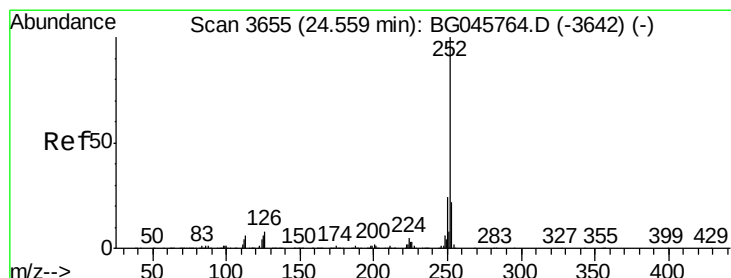
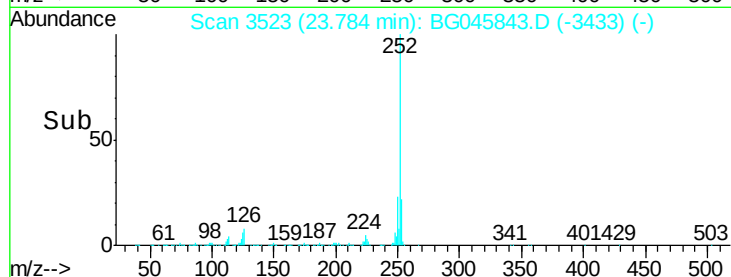
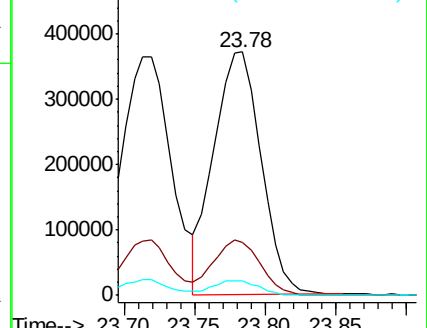
125 5.9 5.2 7.8



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: 41.224 ng

RT: 24.56 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG045843.D

Acq: 24 Jun 2020 12:04

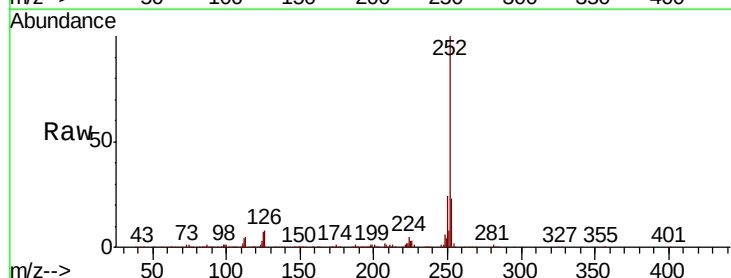
Tgt Ion:252 Resp: 835973

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

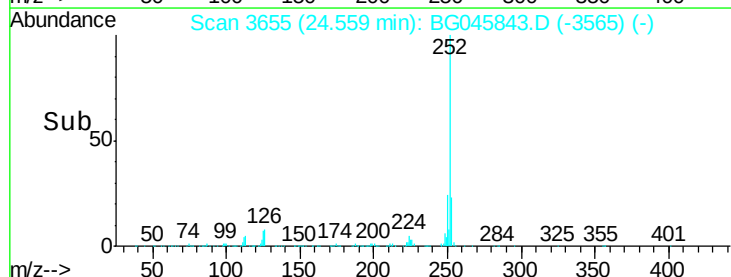
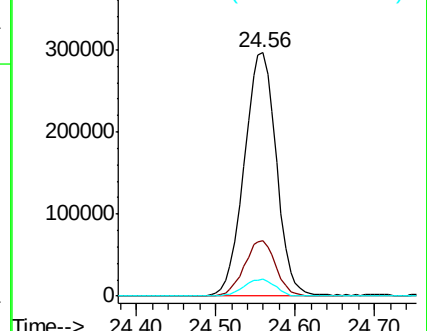
125 7.2 5.0 7.6

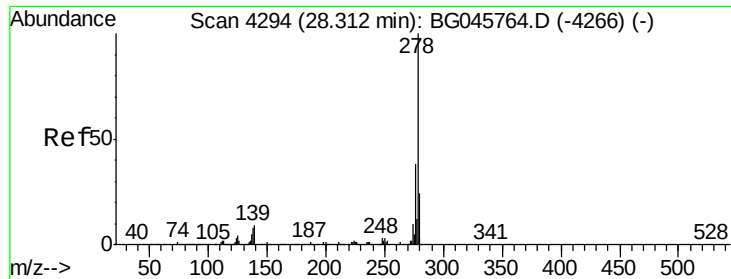


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

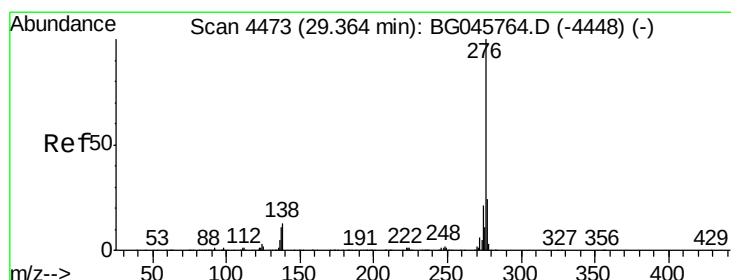
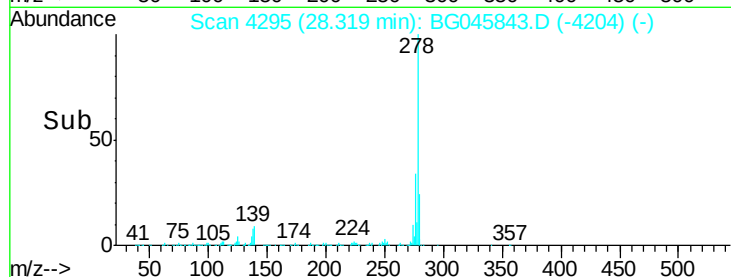
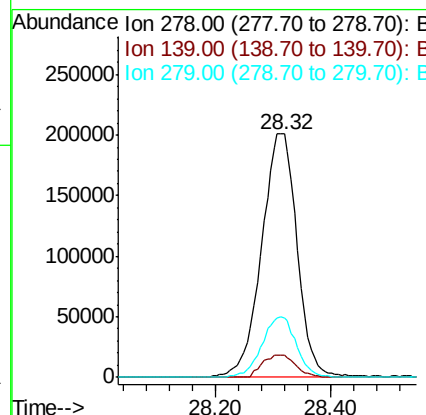
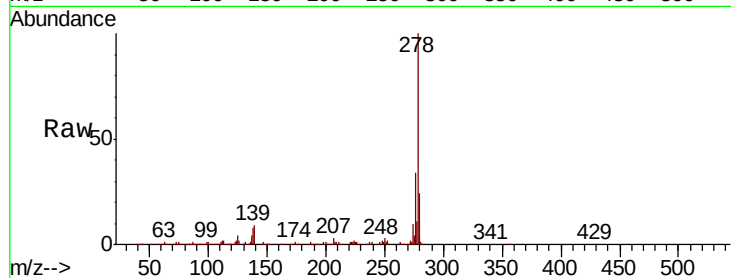




#91
Dibenzo(a,h)anthracene
Concen: 42.638 ng
RT: 28.32 min Scan# 4295
Delta R.T. 0.01 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Instrument :
BNA_G
ClientSampleId :
PB129710BS

Tot Ion:278 Resp: 858224
Ion Ratio Lower Upper
278 100
139 9.1 7.3 10.9
279 24.4 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 42.693 ng
RT: 29.36 min Scan# 4473
Delta R.T. 0.00 min
Lab File: BG045843.D
Acq: 24 Jun 2020 12:04

Tgt Ion:276 Resp: 860134
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 11.4 10.6 15.8

