

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045607.D
 Acq On : 4 Jun 2020 16:14
 Operator : CG/JU
 Sample : PB129295BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Quant Time: Jun 04 17:22:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	50636	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	210174	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164666	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	404749	20.00	ng	0.00
76) Chrysene-d12	21.61	240	369103	20.00	ng	0.00
87) Perylene-d12	24.75	264	403356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	379270	146.38	ng	0.00
7) Phenol-d6	7.14	99	551358	149.51	ng	0.00
23) Nitrobenzene-d5	9.11	82	353385	91.69	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	293216	139.24	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	873104	89.94	ng	0.00
79) Terphenyl-d14	19.96	244	1524091	96.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	46723	36.365	ng	97
3) Pyridine	3.80	79	107592	30.067	ng	97
4) n-Nitrosodimethylamine	3.71	42	49905	42.619	ng	81
6) Aniline	7.27	93	155497	32.301	ng	96
8) 2-Chlorophenol	7.53	128	141253	49.713	ng	99
9) Benzaldehyde	7.09	77	85411	35.548	ng	93
10) Phenol	7.17	94	191449	50.371	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	126718	42.744	ng	93
12) 1,3-Dichlorobenzene	7.84	146	143558	42.043	ng	99
13) 1,4-Dichlorobenzene	7.98	146	144142	42.776	ng	98
14) 1,2-Dichlorobenzene	8.31	146	136337	42.067	ng	97
15) Benzyl Alcohol	8.20	79	151098	49.598	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	123778	43.985	ng	98
17) 2-Methylphenol	8.42	107	131798	46.329	ng	98
18) Hexachloroethane	9.04	117	55683	43.146	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	121344	47.583	ng	94
20) 3+4-Methylphenols	8.75	107	184425	47.607	ng	92
22) Acetophenone	8.77	105	217466	43.656	ng	98
24) Nitrobenzene	9.15	77	181442	43.940	ng	99
25) Isophorone	9.68	82	346531	45.654	ng	100
26) 2-Nitrophenol	9.87	139	83029	47.003	ng	97
27) 2,4-Dimethylphenol	9.95	122	143860	54.909	ng	93
28) bis(2-Chloroethoxy)methane	10.16	93	190405	47.833	ng	99
29) 2,4-Dichlorophenol	10.42	162	158327	51.175	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	162372	44.415	ng	99
31) Naphthalene	10.81	128	441008	45.029	ng	99
32) Benzoic acid	10.12	122	81601	46.255	ng	90
33) 4-Chloroaniline	10.92	127	86412	21.107	ng	98
34) Hexachlorobutadiene	11.10	225	110565	42.785	ng	99
35) Caprolactam	11.69	113	32137	28.300	ng	90
36) 4-Chloro-3-methylphenol	12.07	107	180781	51.855	ng	99
37) 2-Methylnaphthalene	12.42	142	349956	47.940	ng	96
38) 1-Methylnaphthalene	12.64	142	334739	48.544	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	200957	43.692	ng	99

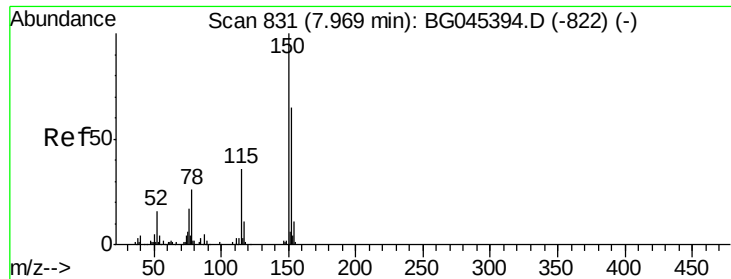
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	246393	92.815	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	143691	44.974	ng	100
44) 2,4,5-Trichlorophenol	13.12	196	153828	42.132	ng	96
46) 1,1'-Biphenyl	13.43	154	466874	46.143	ng	98
47) 2-Chloronaphthalene	13.47	162	351853	42.824	ng	99
48) 2-Nitroaniline	13.68	65	120951	44.753	ng	98
49) Acenaphthylene	14.32	152	607532	46.035	ng	98
50) Dimethylphthalate	14.05	163	510227	45.169	ng	99
51) 2,6-Dinitrotoluene	14.17	165	113073	44.361	ng	97
52) Acenaphthene	14.66	154	354479	40.127	ng	97
53) 3-Nitroaniline	14.50	138	63663	24.570	ng	96
54) 2,4-Dinitrophenol	14.72	184	139830	83.489	ng	98
55) Dibenzofuran	15.00	168	590119	44.983	ng	96
56) 4-Nitrophenol	14.85	139	166204	84.724	ng	92
57) 2,4-Dinitrotoluene	14.96	165	165737	44.896	ng	96
58) Fluorene	15.64	166	496940	46.109	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	144484	44.981	ng	99
60) Diethylphthalate	15.42	149	535899	45.580	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	276393	44.816	ng	99
62) 4-Nitroaniline	15.67	138	115676	42.763	ng	99
63) Azobenzene	15.93	77	505384	46.099	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	104284	44.240	ng	96
66) n-Nitrosodiphenylamine	15.86	169	445083	45.800	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	193553	44.162	ng	98
68) Hexachlorobenzene	16.65	284	209034	45.601	ng	94
69) Atrazine	16.81	200	172999	43.220	ng	98
70) Pentachlorophenol	17.01	266	210217	88.319	ng	98
71) Phenanthrene	17.39	178	807471	45.698	ng	99
72) Anthracene	17.48	178	825825	46.540	ng	99
73) Carbazole	17.75	167	748690	43.286	ng	99
74) Di-n-butylphthalate	18.31	149	912593	43.959	ng	99
75) Fluoranthene	19.40	202	1012162	45.036	ng	100
77) Benzidine	19.58	184	354863	34.232	ng	100
78) Pyrene	19.76	202	994629	47.272	ng	99
80) Butylbenzylphthalate	20.65	149	391272	43.083	ng	99
81) Benzo(a)anthracene	21.58	228	941001	45.765	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	224498	27.834	ng	98
83) Chrysene	21.65	228	887151	44.872	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	552705	44.273	ng	98
85) Di-n-octyl phthalate	22.69	149	938409	43.766	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1160591	44.891	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	976939	45.161	ng	98
89) Benzo(k)fluoranthene	23.82	252	988727	48.650	ng	99
90) Benzo(a)pyrene	24.60	252	911437	45.240	ng	99
91) Dibenzo(a,h)anthracene	28.39	278	950859	46.966	ng	98
92) Benzo(g,h,i)perylene	29.44	276	964102	47.614	ng	96

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

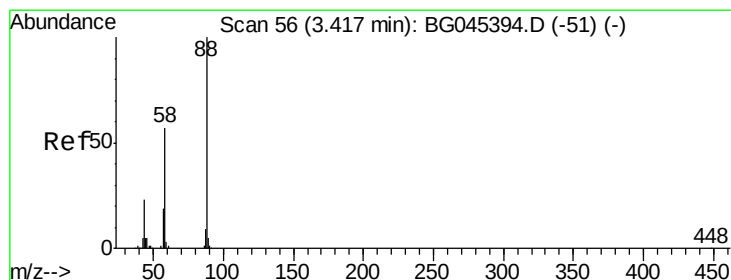
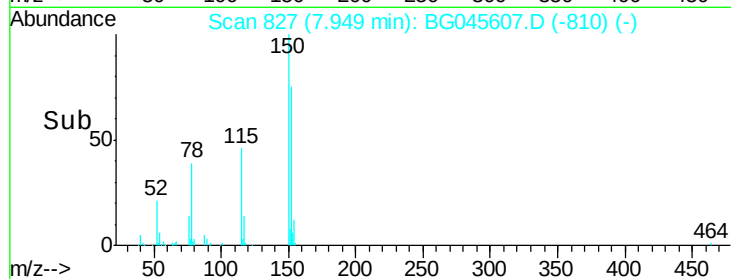
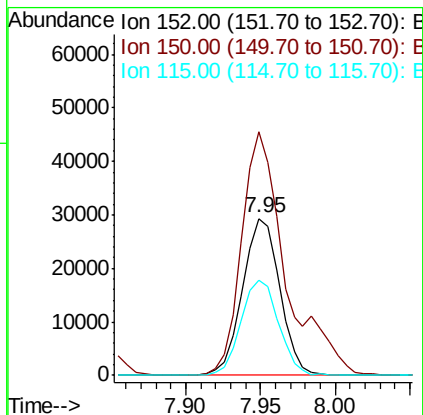
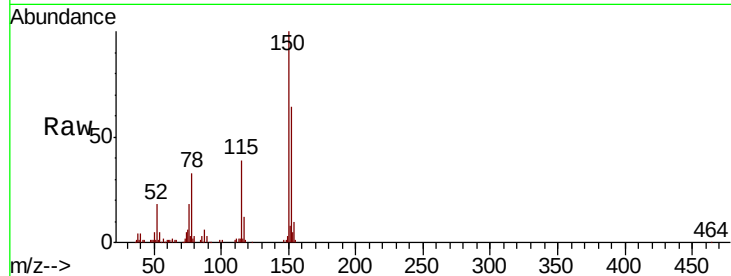


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

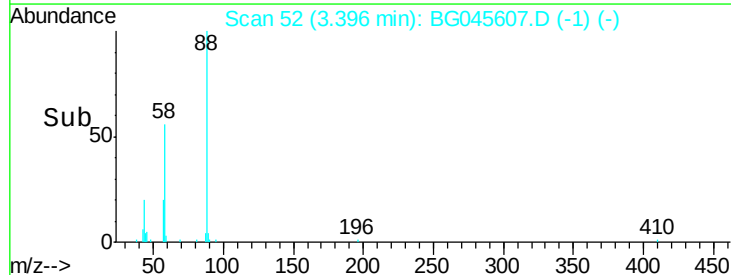
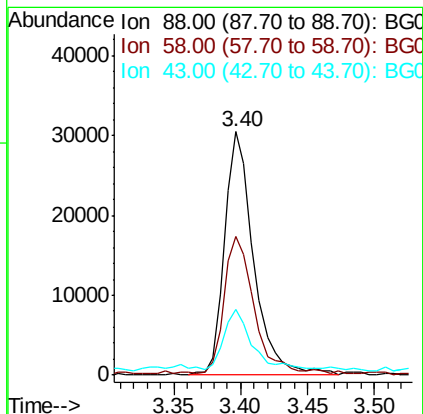
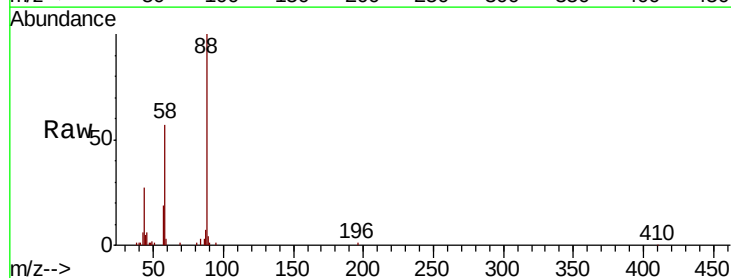
Tot Ion:152 Resp: 50636
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 60.8 44.2 66.4

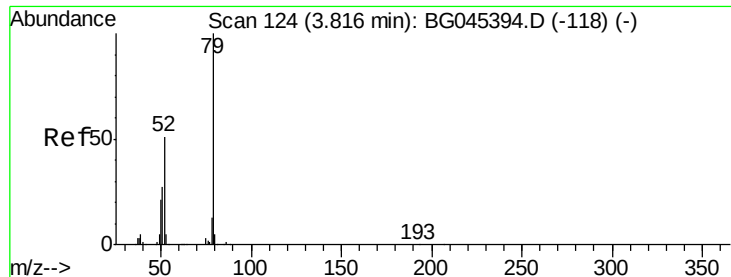


#2

1,4-Dioxane
Concen: 36.365 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion: 88 Resp: 46723
Ion Ratio Lower Upper
88 100
58 58.5 45.7 68.5
43 24.2 16.8 25.2





#3

Pvridine

Concen: 30.067 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

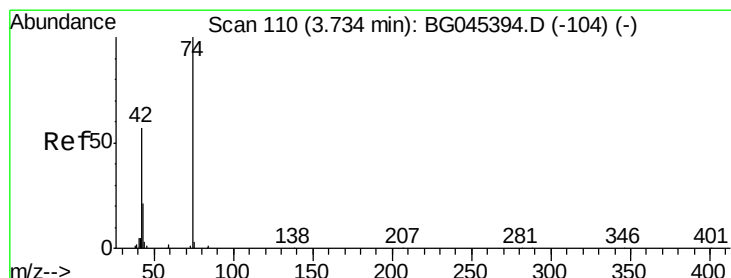
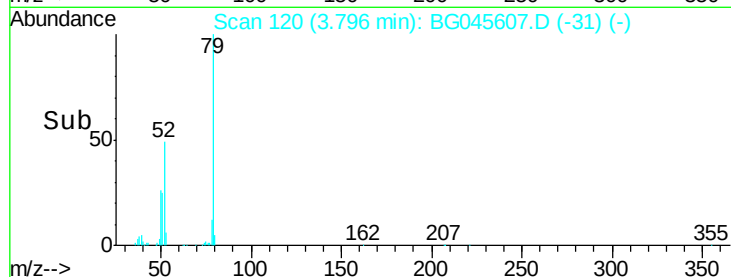
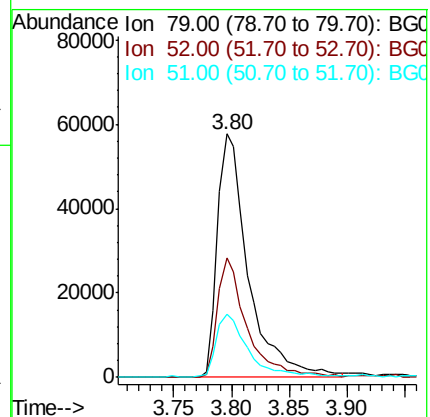
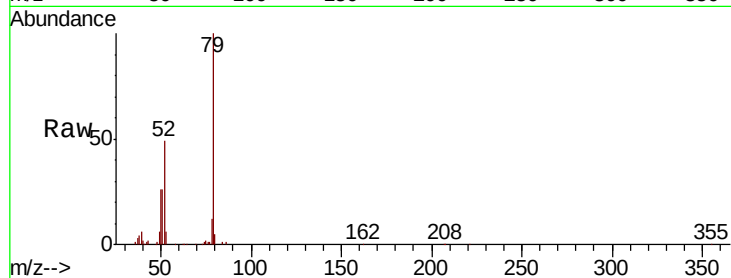
Tot Ion: 79 Resp: 107592

Ion Ratio Lower Upper

79 100

52 49.0 40.8 61.2

51 25.8 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 42.619 ng

RT: 3.71 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

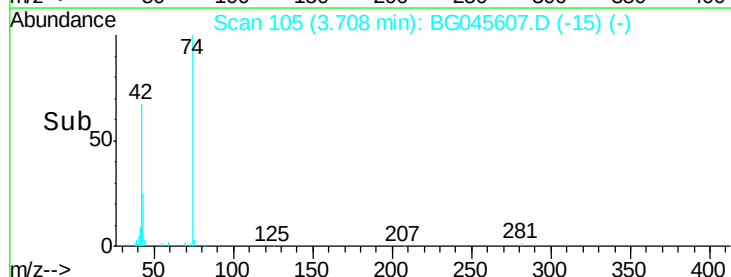
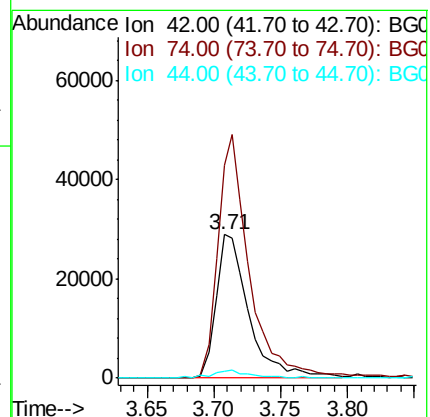
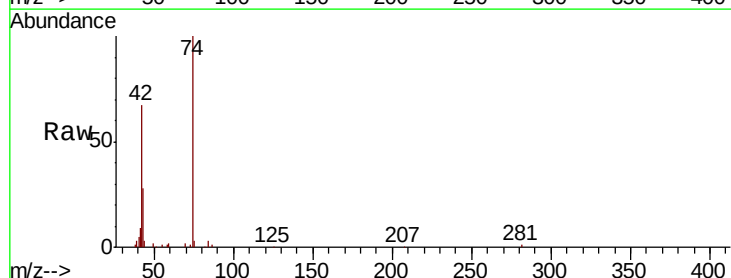
Tgt Ion: 42 Resp: 49905

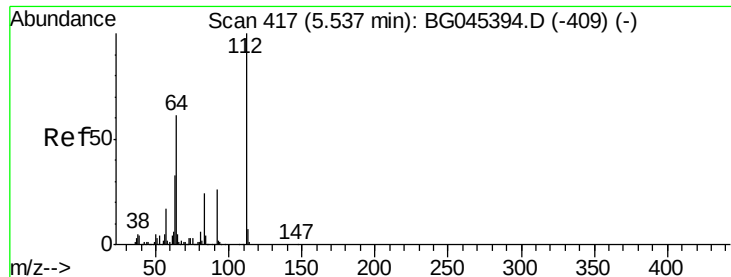
Ion Ratio Lower Upper

42 100

74 148.6 141.3 211.9

44 5.0 4.2 6.4





#5

2-Fluorophenol

Concen: 146.379 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

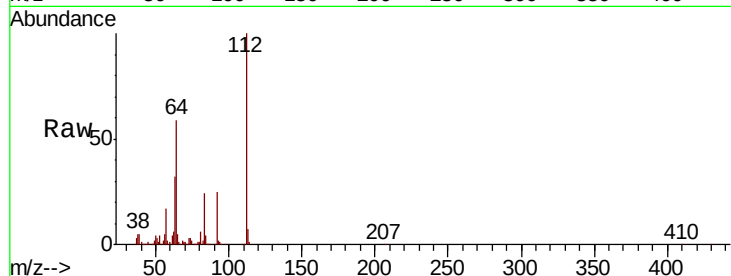
Tot Ion:112 Resp: 379270

Ion Ratio Lower Upper

112 100

64 59.0 48.6 72.8

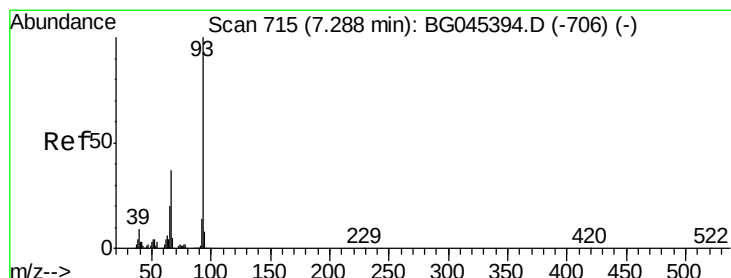
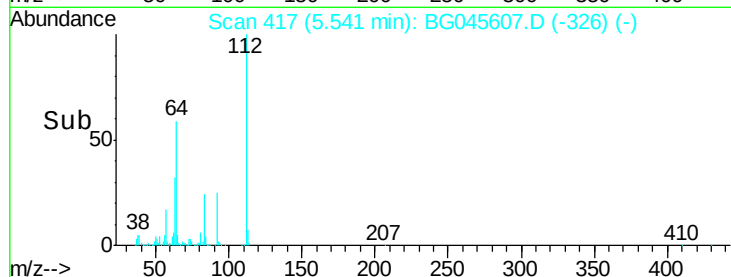
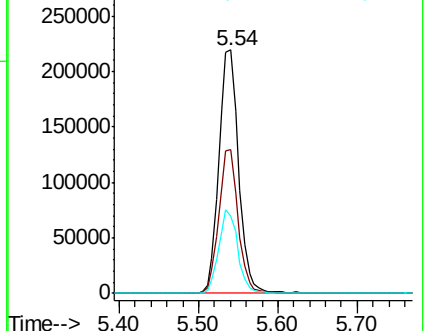
63 31.9 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.301 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

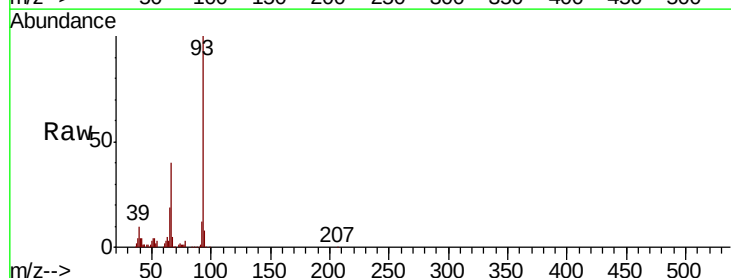
Tgt Ion: 93 Resp: 155497

Ion Ratio Lower Upper

93 100

66 40.0 29.6 44.4

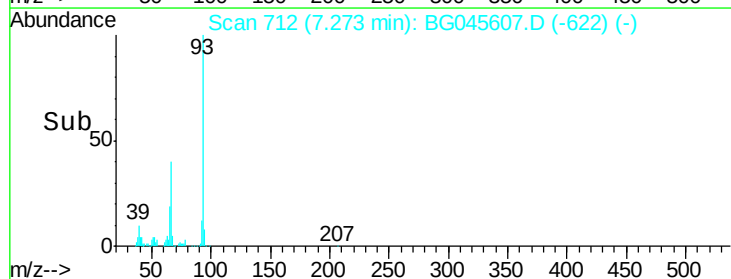
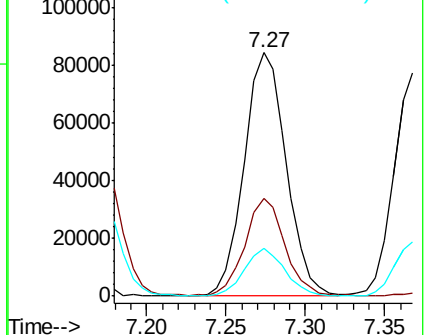
65 19.4 15.9 23.9

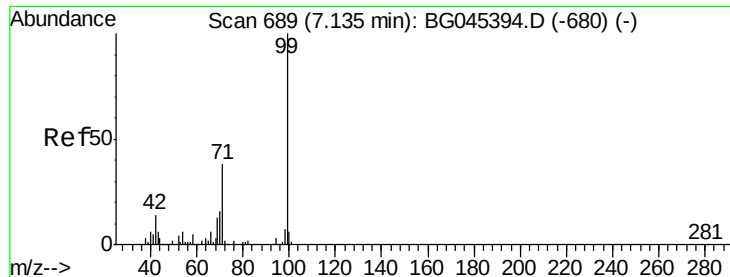


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.509 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

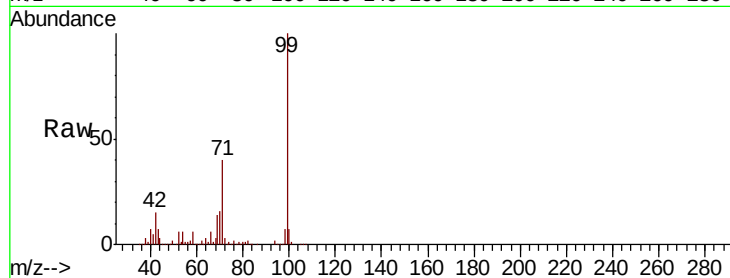
Tot Ion: 99 Resp: 551358

Ion Ratio Lower Upper

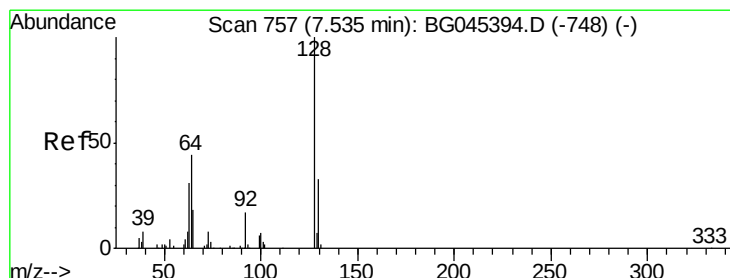
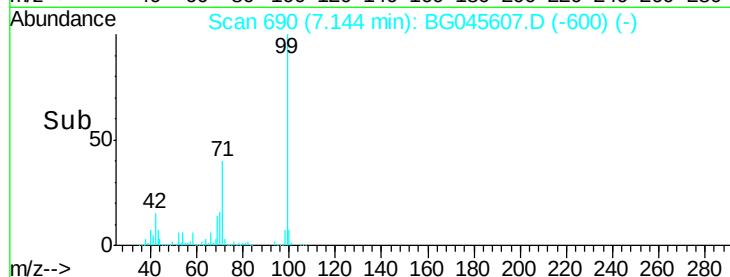
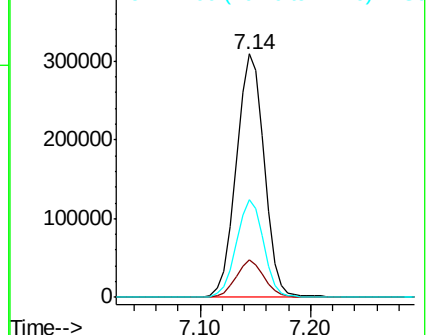
99 100

42 15.2 11.3 16.9

71 40.1 30.8 46.2



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



#8

2-Chlorophenol

Concen: 49.713 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

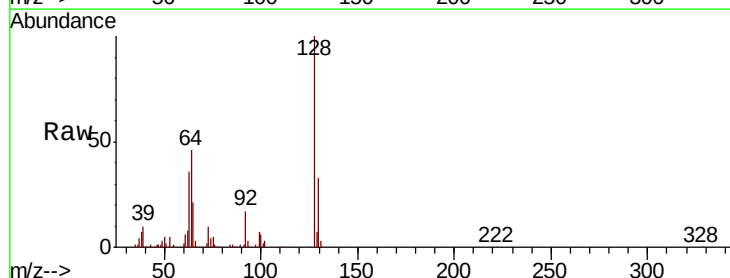
Tgt Ion: 128 Resp: 141253

Ion Ratio Lower Upper

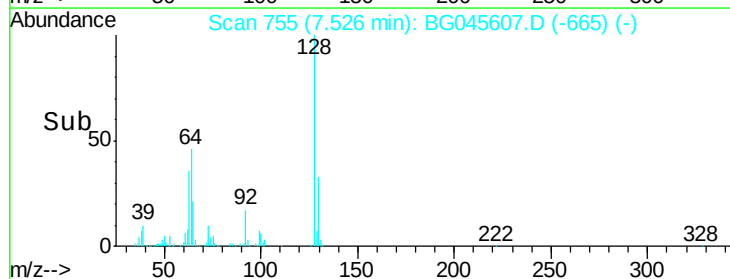
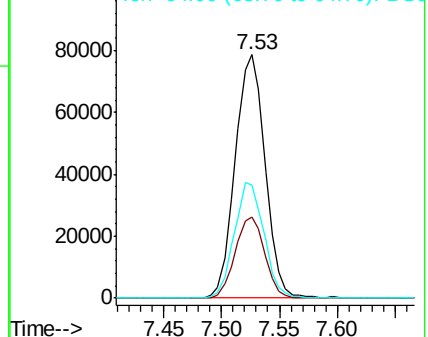
128 100

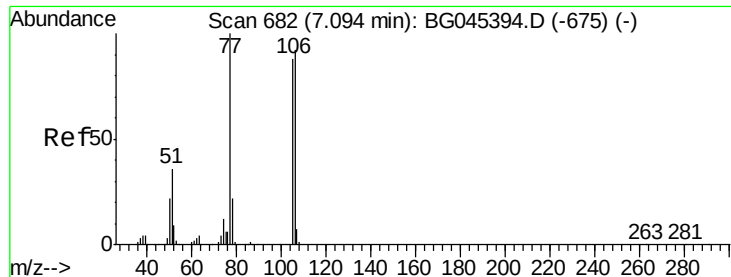
130 33.1 12.6 52.6

64 46.3 27.0 67.0



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





#9

Benzaldehyde

Concen: 35.548 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

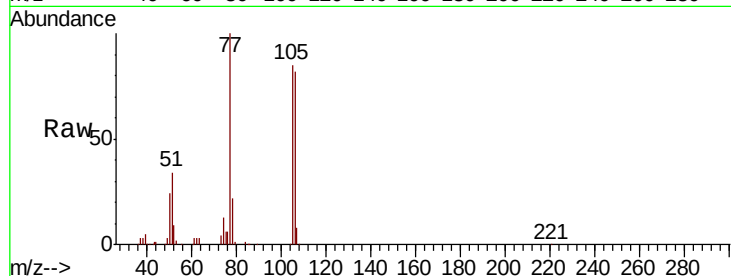
Tot Ion: 77 Resp: 85411

Ion Ratio Lower Upper

77 100

105 84.9 68.5 108.5

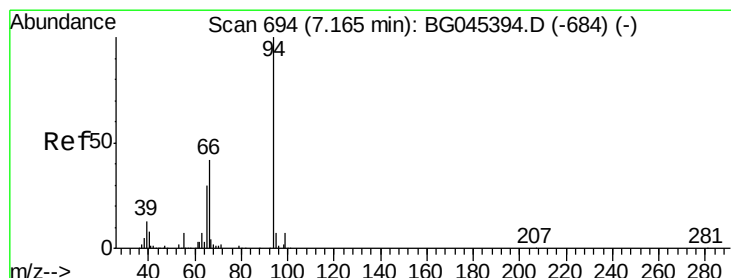
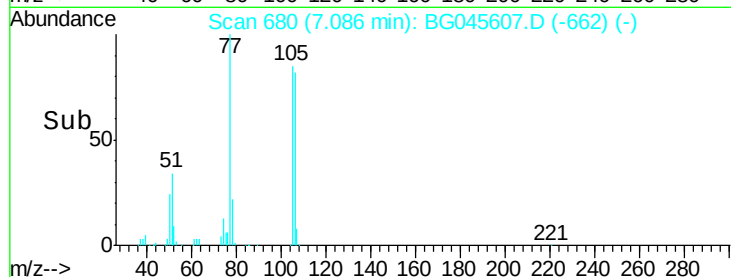
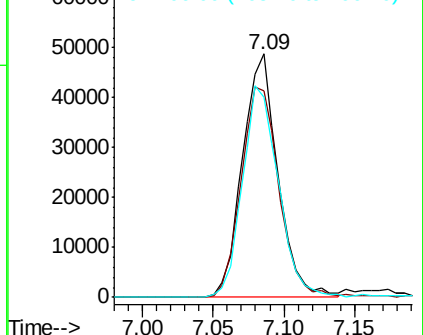
106 82.4 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.371 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

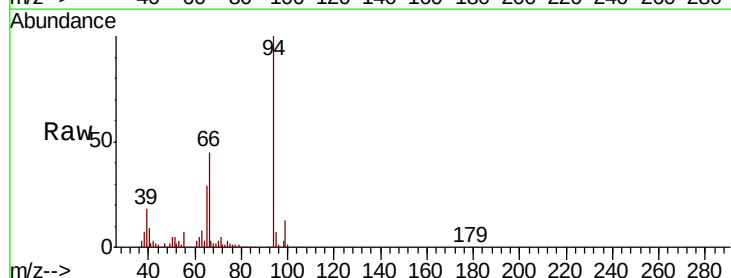
Tgt Ion: 94 Resp: 191449

Ion Ratio Lower Upper

94 100

65 28.8 9.8 49.8

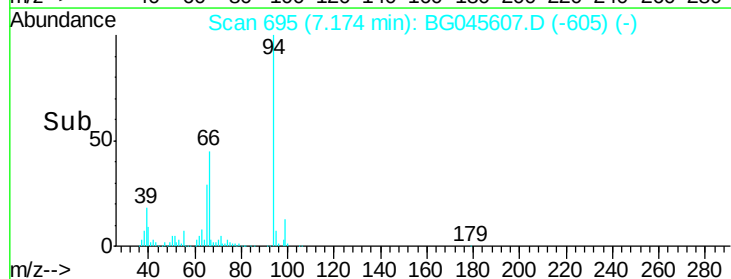
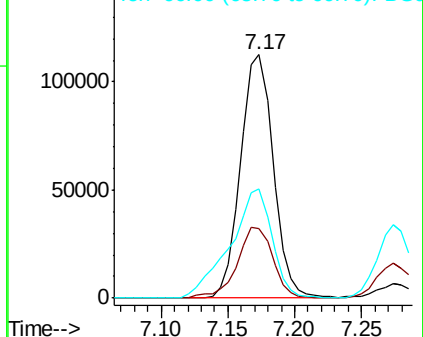
66 45.0 22.0 62.0

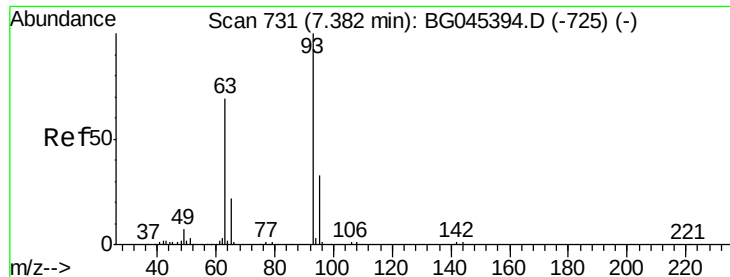


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

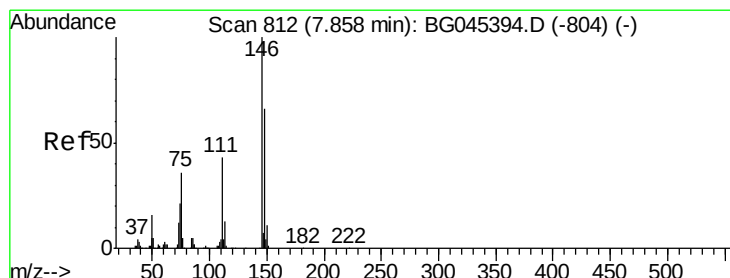
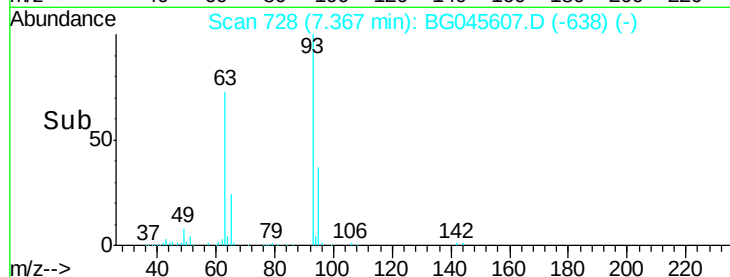
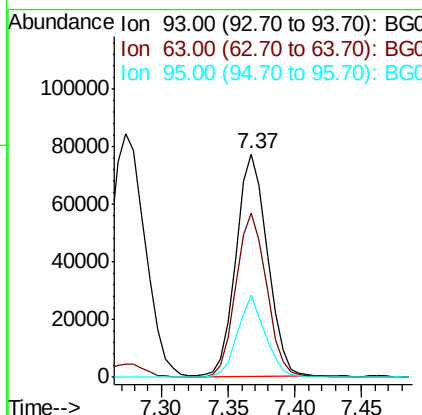
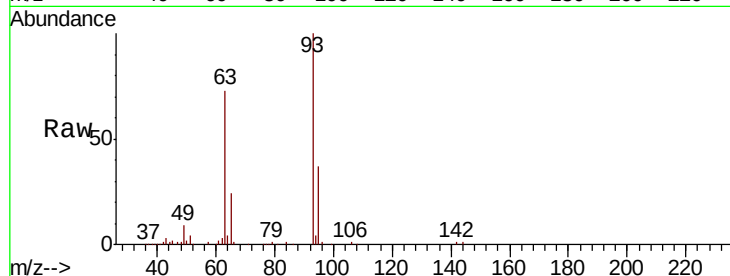




#11
bis(2-Chloroethyl)ether
Concen: 42.744 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

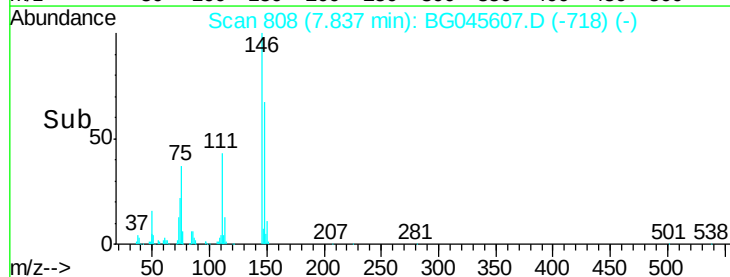
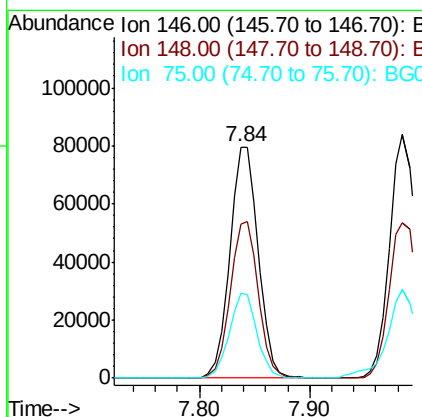
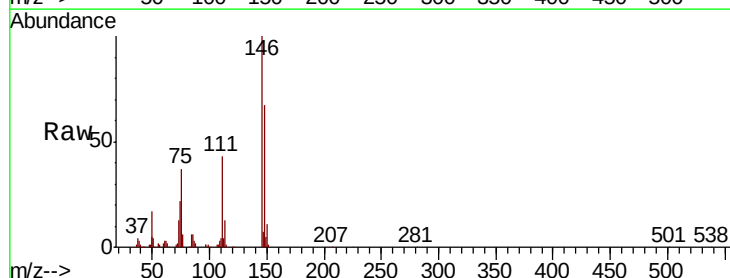
Instrument :
BNA_G
ClientSampleId :
PB129295BS

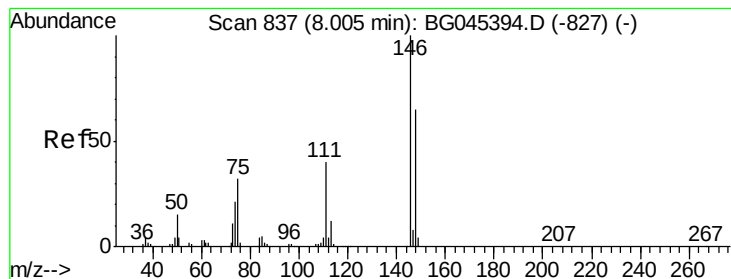
Tot Ion: 93 Resp: 126718
Ion Ratio Lower Upper
93 100
63 73.3 48.4 88.4
95 36.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.043 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion: 146 Resp: 143558
Ion Ratio Lower Upper
146 100
148 66.7 53.2 79.8
75 36.5 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 42.776 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

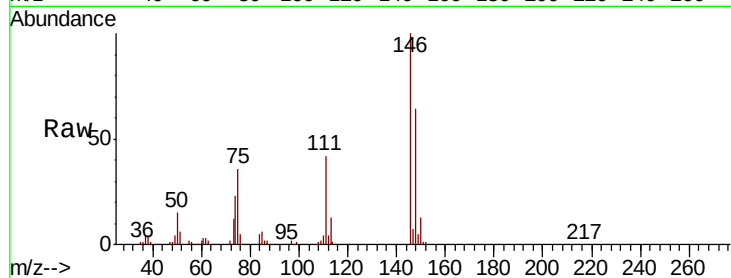
Tot Ion:146 Resp: 144142

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

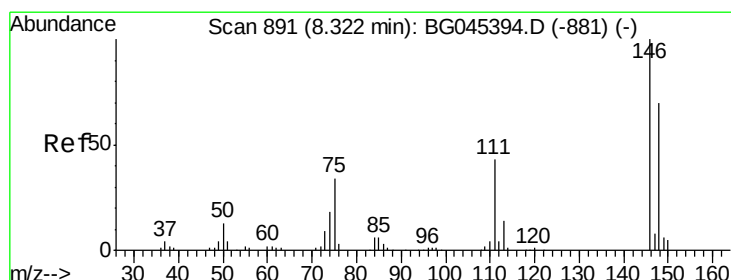
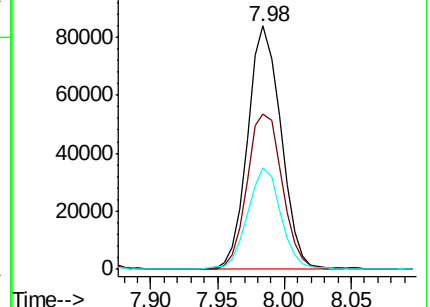
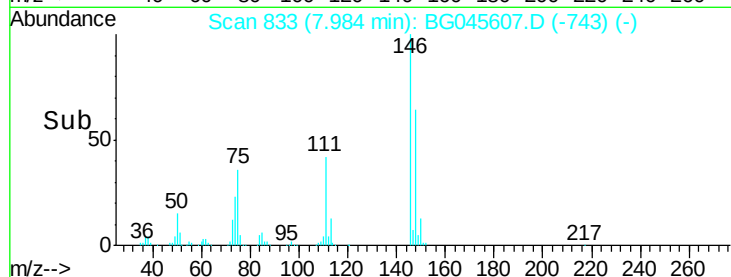
111 41.7 32.1 48.1



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: 42.067 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

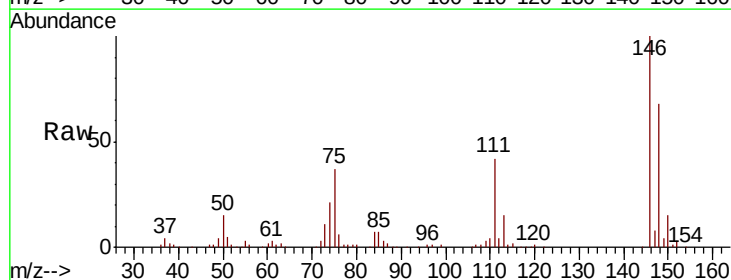
Tgt Ion:146 Resp: 136337

Ion Ratio Lower Upper

146 100

148 67.5 55.9 83.9

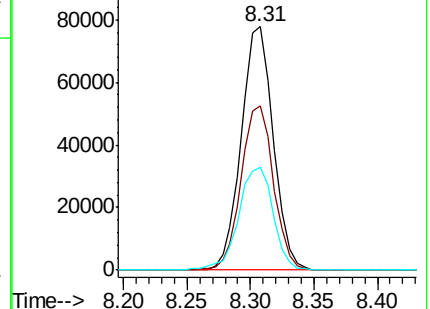
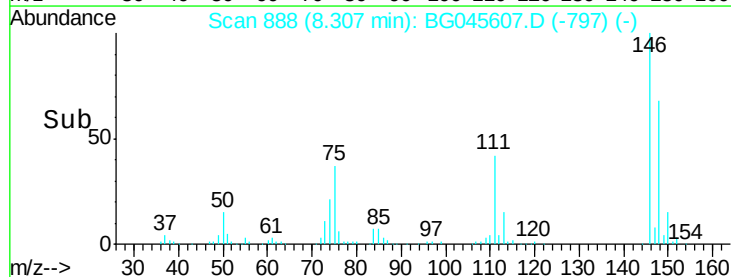
111 42.3 35.0 52.4

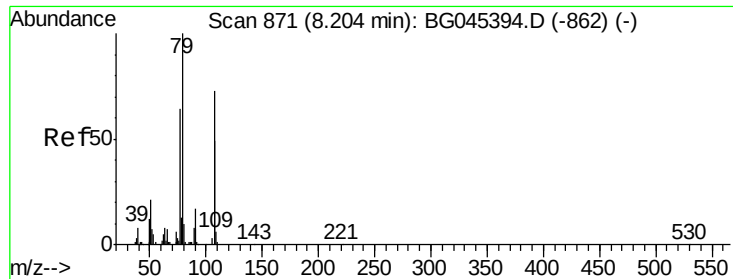


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.598 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleID :

PB129295BS

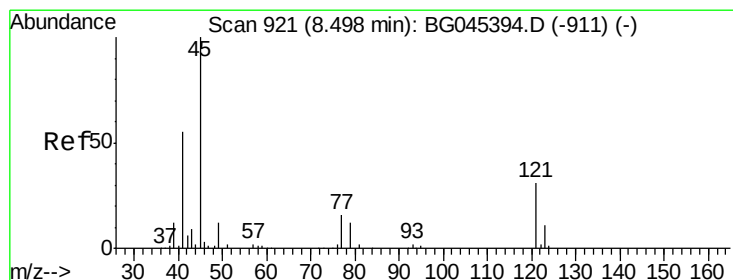
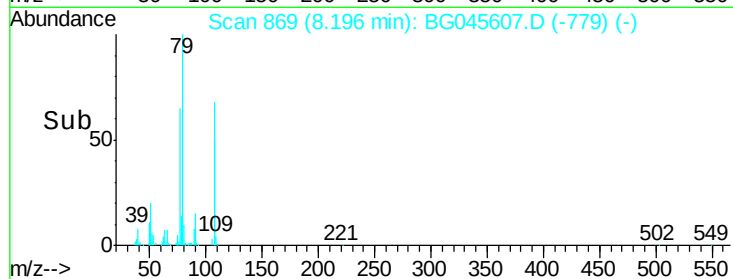
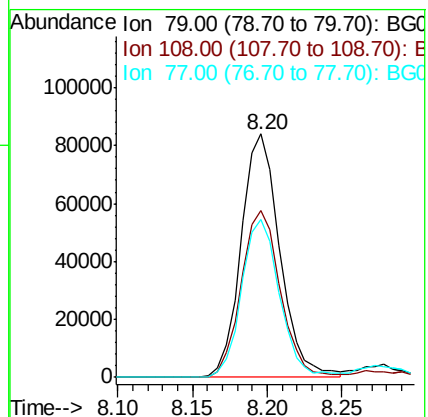
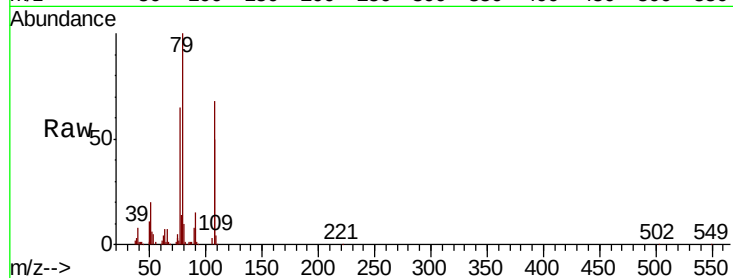
Tot Ion: 79 Resp: 151098

Ion Ratio Lower Upper

79 100

108 68.5 58.2 87.4

77 64.8 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.985 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

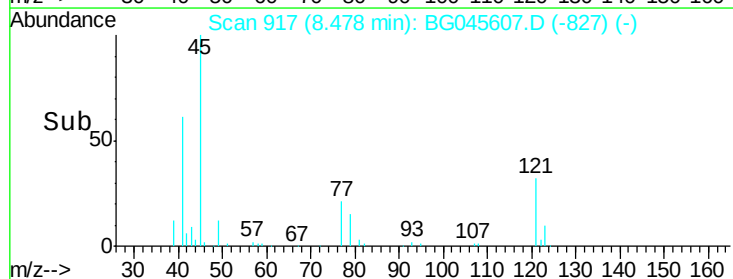
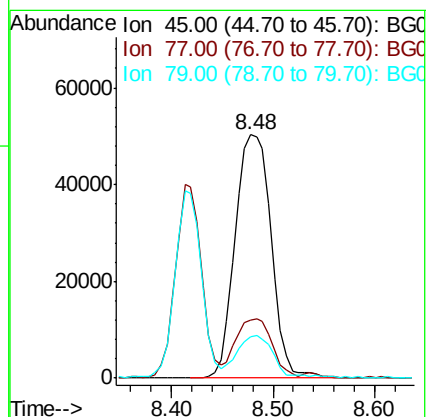
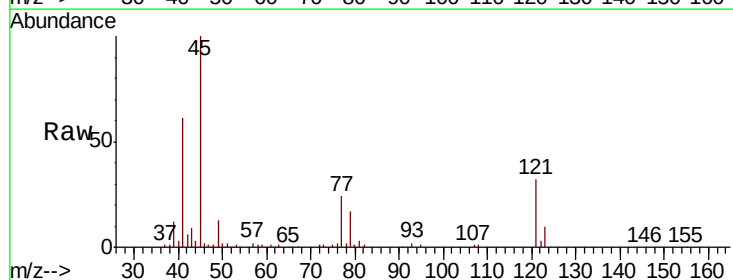
Tgt Ion: 45 Resp: 123778

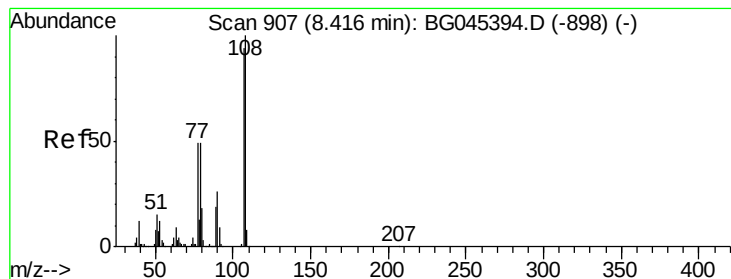
Ion Ratio Lower Upper

45 100

77 24.1 4.0 44.0

79 16.9 0.0 38.6





#17

2-Methylphenol

Concen: 46.329 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

Tot Ion:107 Resp: 131798

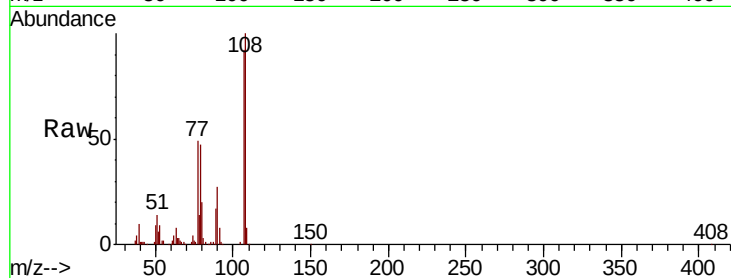
Ion Ratio Lower Upper

107 100

108 109.2 85.2 127.8

77 53.0 41.6 62.4

79 51.3 41.8 62.8

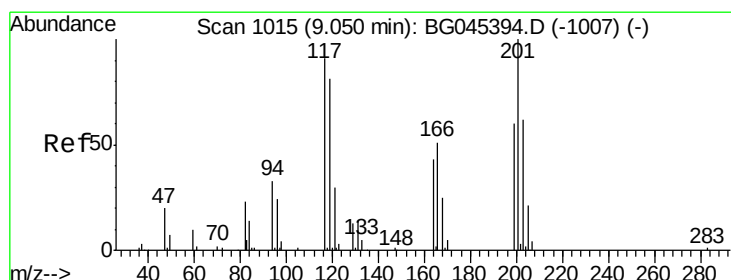
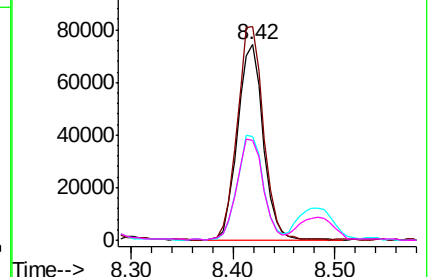
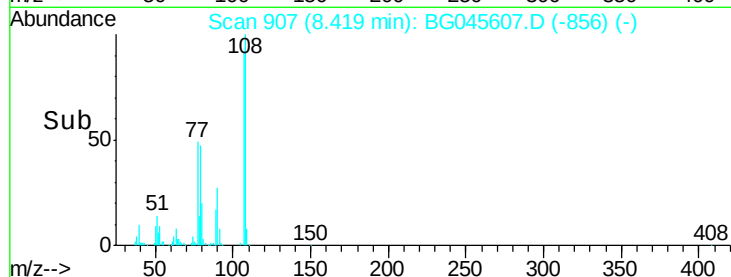


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.146 ng

RT: 9.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

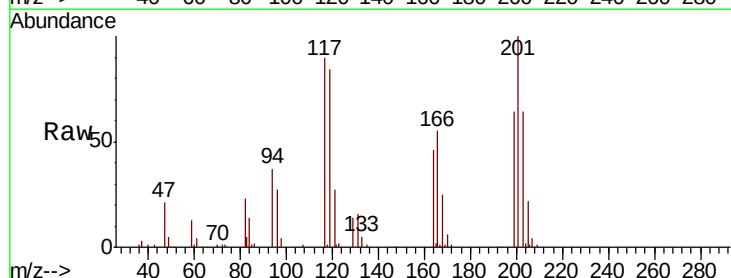
Tgt Ion:117 Resp: 55683

Ion Ratio Lower Upper

117 100

119 93.0 71.3 106.9

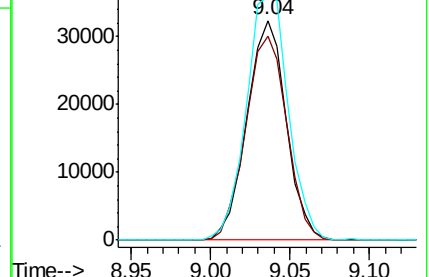
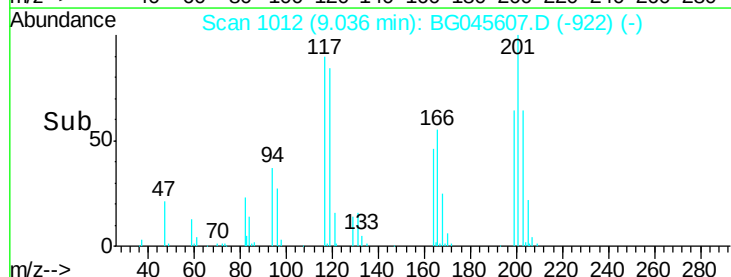
201 111.0 87.5 131.3

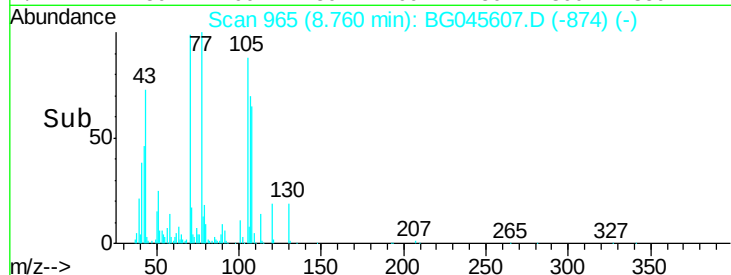
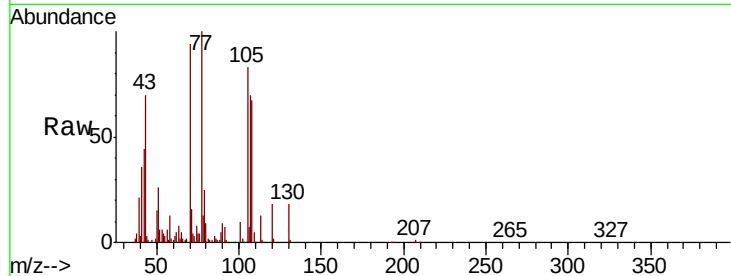
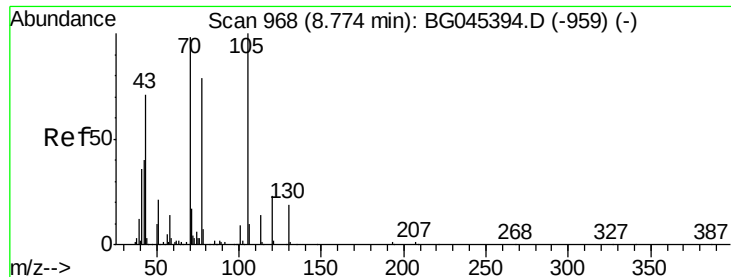


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

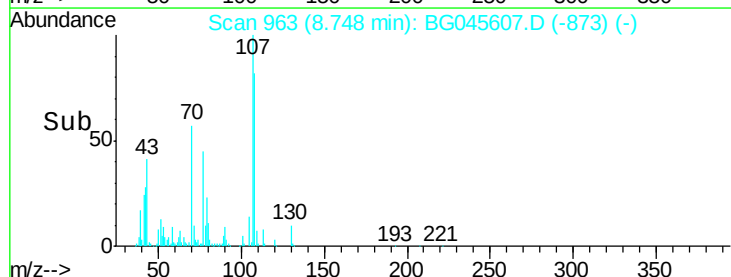
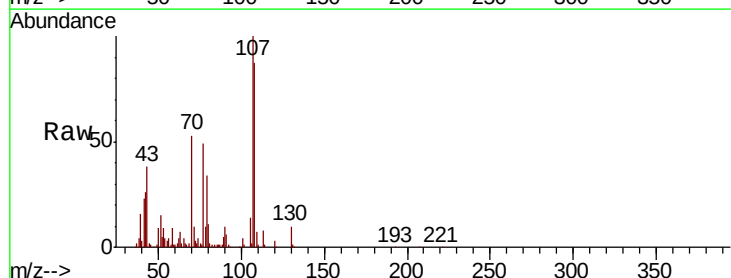
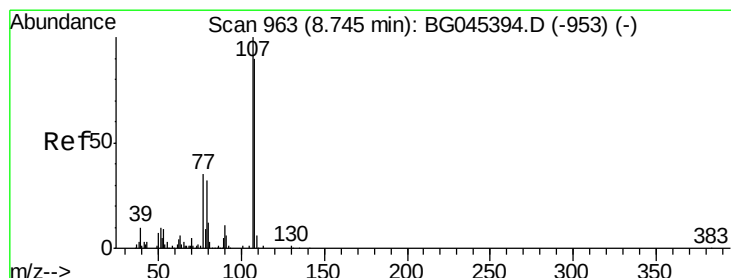
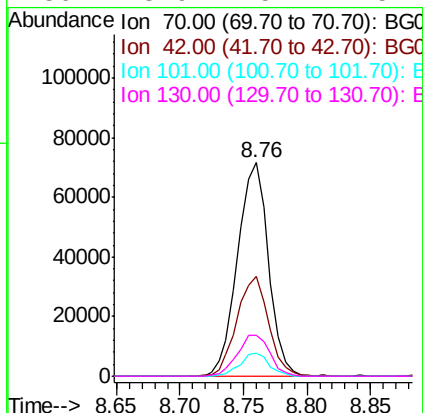




#19
n-Nitroso-di-n-propylamine
Concen: 47.583 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

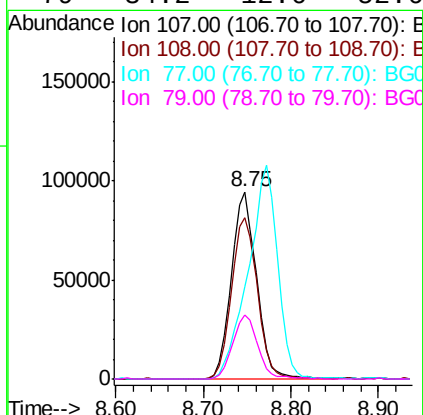
Instrument :
BNA_G
ClientSampleId :
PB129295BS

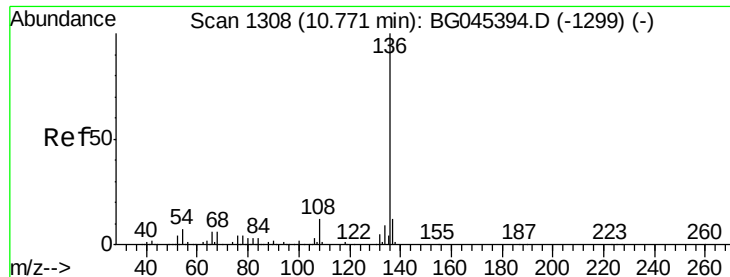
Tot Ion:	70	Resp:	121344
Ion	Ratio	Lower	Upper
70	100		
42	46.7	33.2	49.8
101	11.1	7.8	11.6
130	18.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 47.607 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:	107	Resp:	184425
Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.3	110.3
77	49.2	15.4	55.4
79	34.2	12.6	52.6

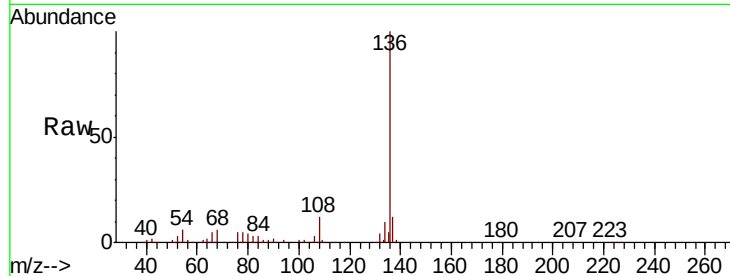




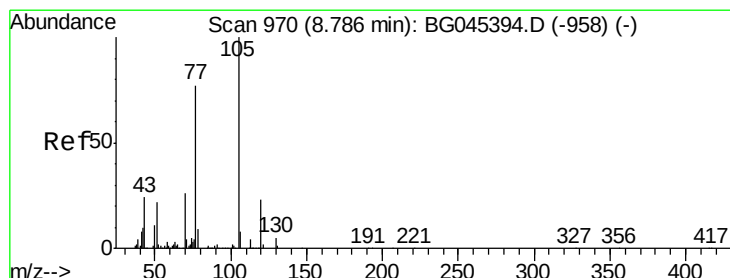
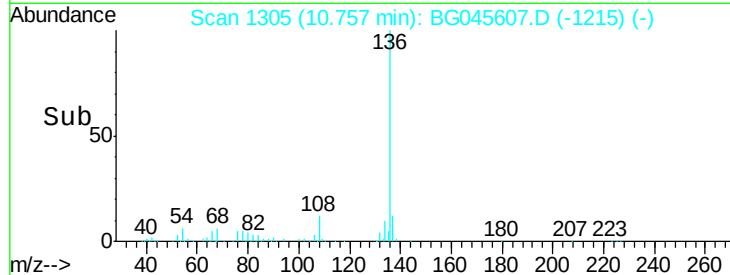
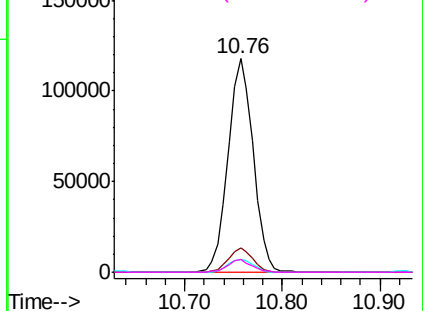
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion:136	Resp:	210174
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.4 14.2
54	5.8	5.8 8.6
68	6.0	4.5 6.7

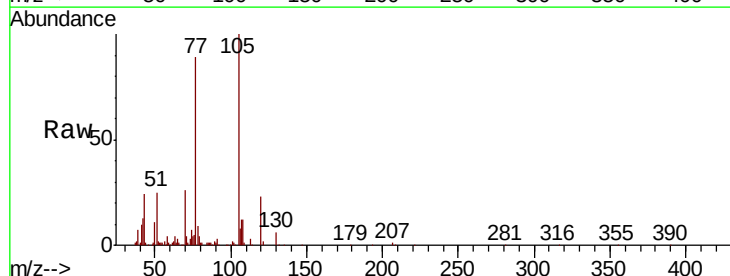


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

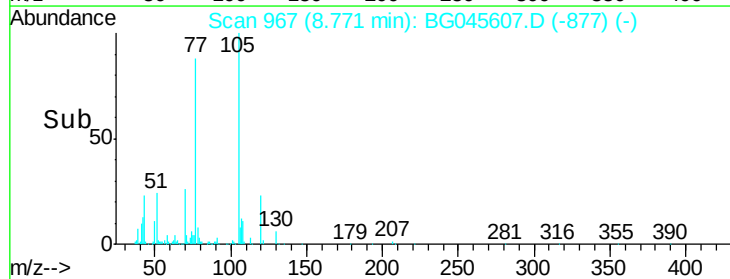
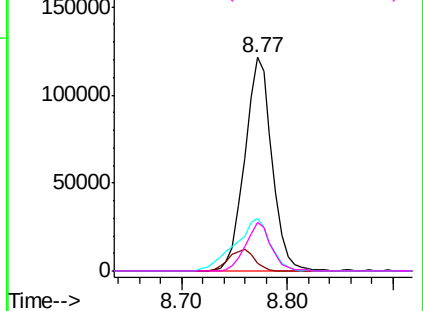


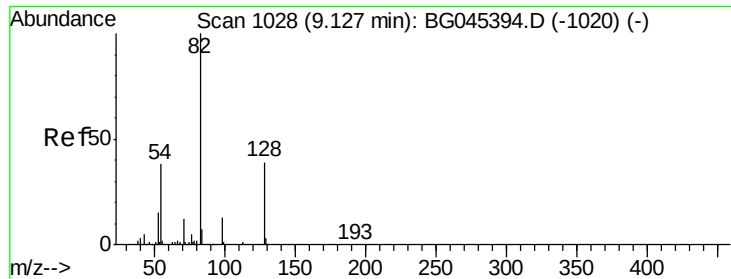
#22
Acetophenone
Concen: 43.656 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:105	Resp:	217466
Ion	Ratio	Lower Upper
105	100	
71	3.9	3.4 5.0
51	24.6	18.2 27.2
120	22.6	18.6 27.8



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

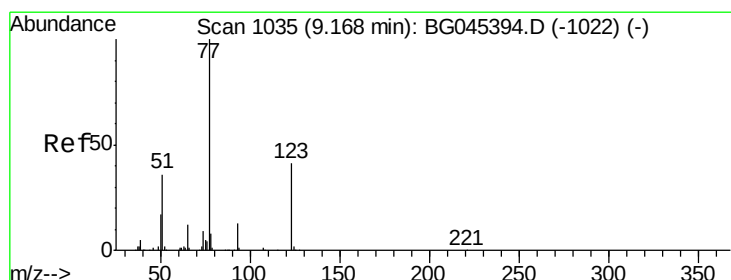
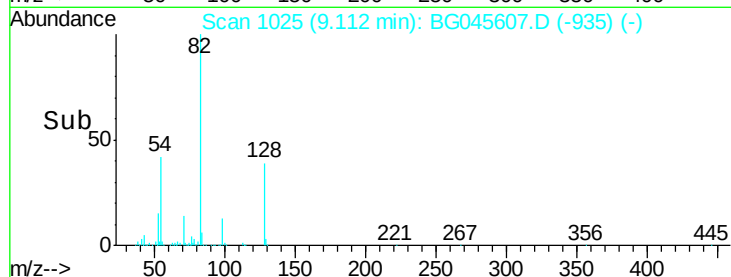
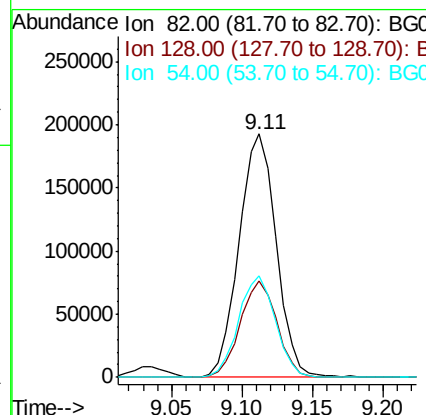
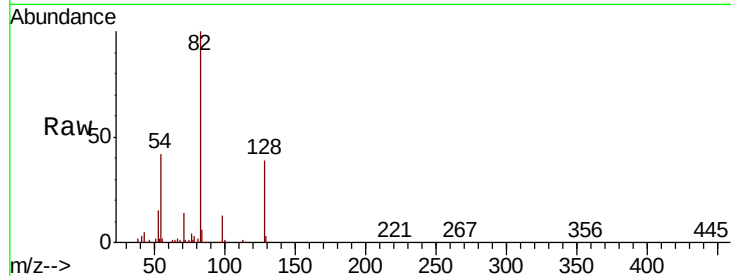




#23
 Nitrobenzene-d5
 Concen: 91.689 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

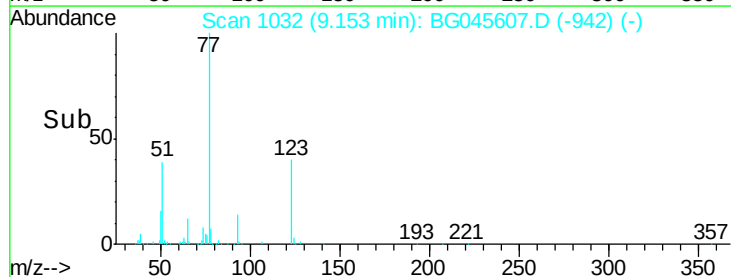
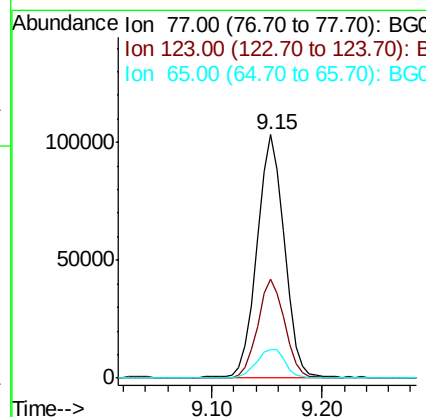
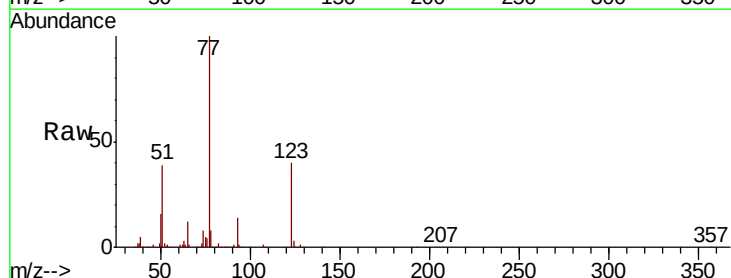
Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

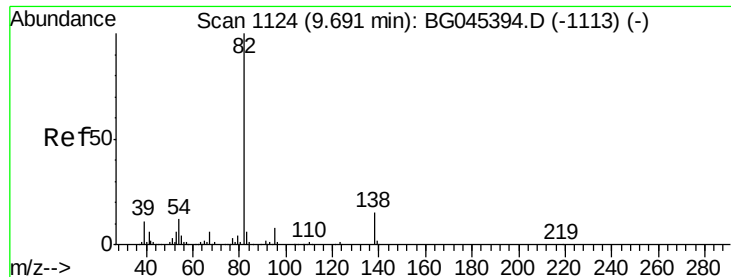
Tot Ion	82	Resp	353385
Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	41.8	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.940 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	77	Resp	181442
Ion	Ratio	Lower	Upper
77	100		
123	40.5	32.9	49.3
65	12.0	9.4	14.2





#25

Isophorone

Concen: 45.654 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

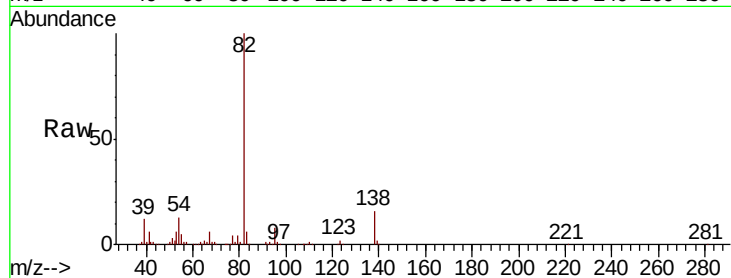
Tot Ion: 82 Resp: 346531

Ion Ratio Lower Upper

82 100

95 8.4 6.7 10.1

138 15.5 12.2 18.4

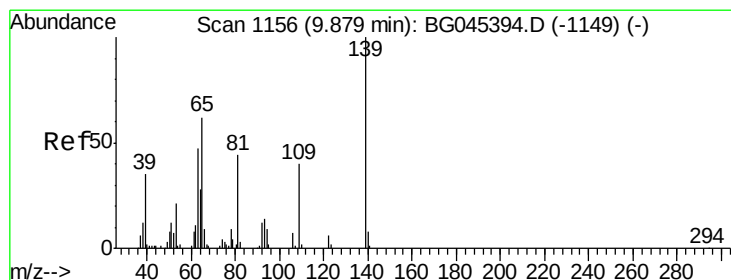
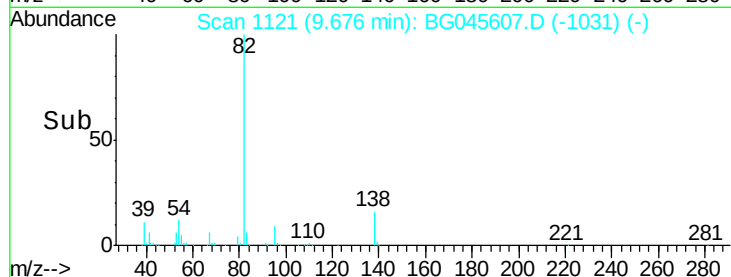
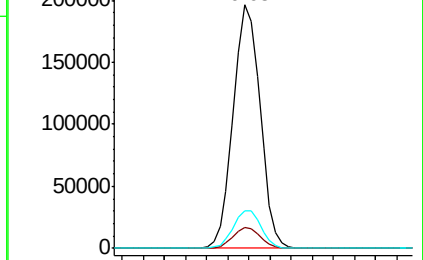


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

9.68



#26

2-Nitrophenol

Concen: 47.003 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

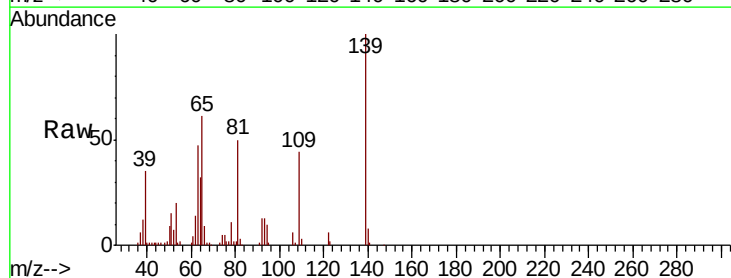
Tgt Ion: 139 Resp: 83029

Ion Ratio Lower Upper

139 100

109 44.0 32.2 48.4

65 61.4 49.6 74.4

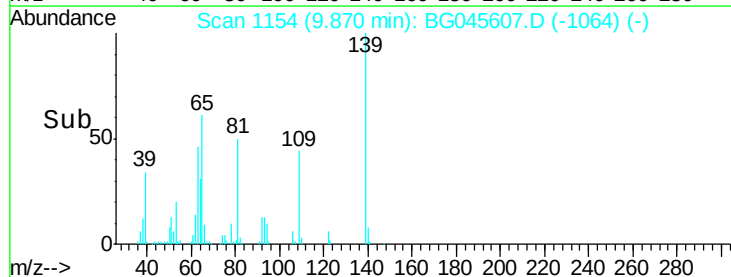
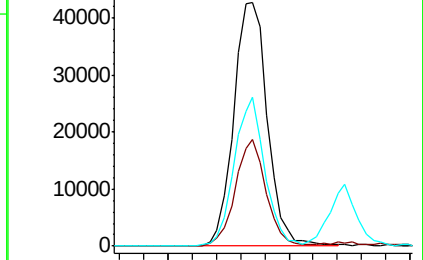


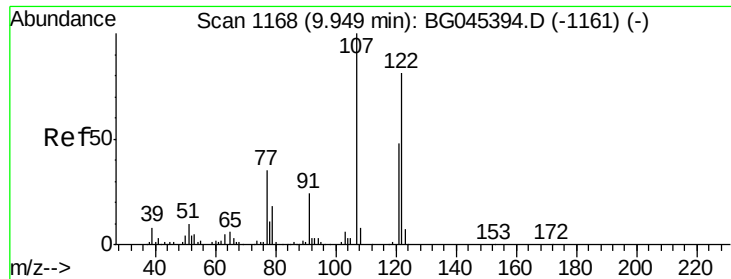
Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

9.87





#27

2,4-Dimethylphenol

Concen: 54.909 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

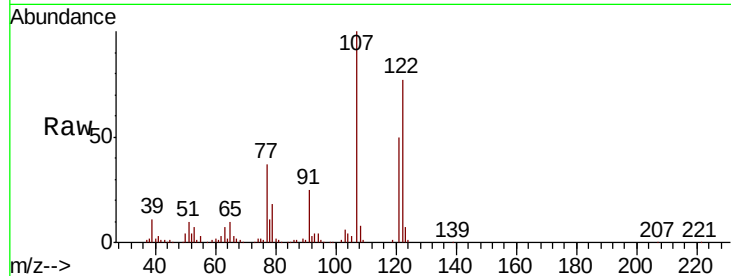
Tot Ion:122 Resp: 143860

Ion Ratio Lower Upper

122 100

107 130.6 99.0 148.4

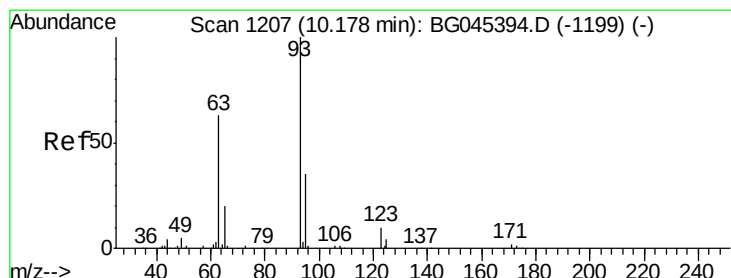
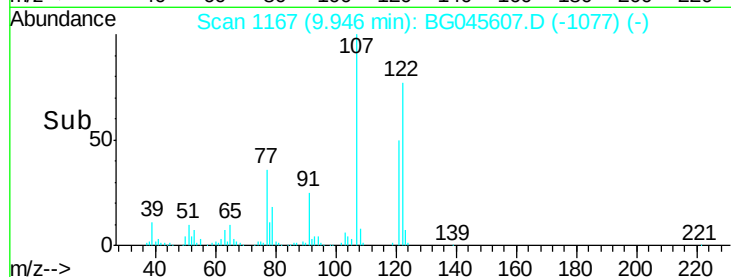
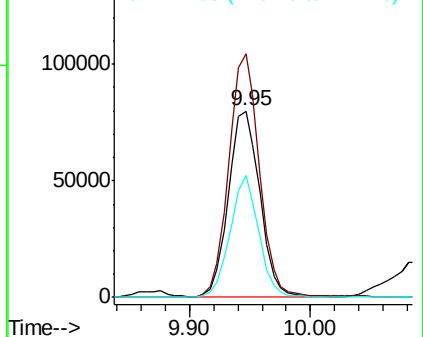
121 65.4 47.7 71.5



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: 47.833 ng

RT: 10.16 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

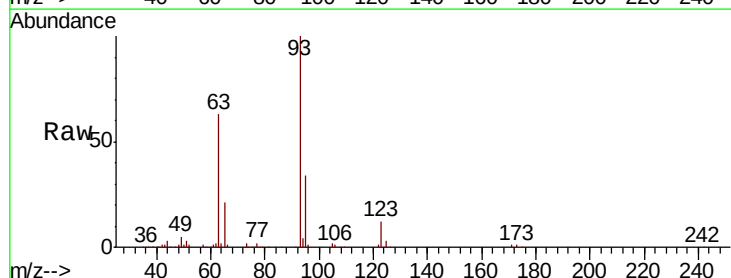
Tgt Ion: 93 Resp: 190405

Ion Ratio Lower Upper

93 100

95 34.3 27.6 41.4

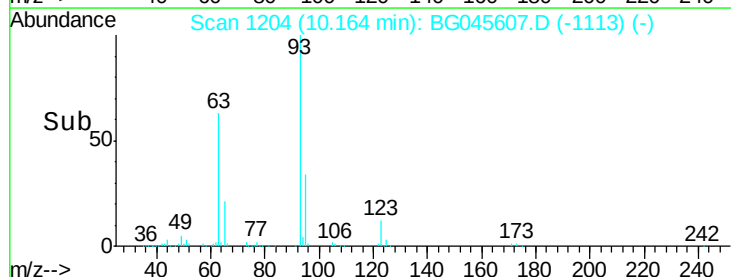
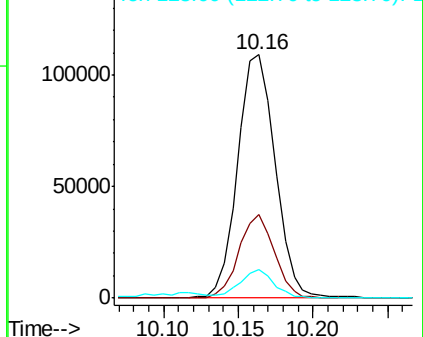
123 11.7 8.1 12.1

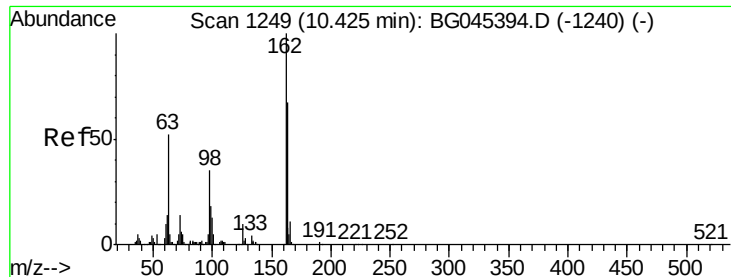


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

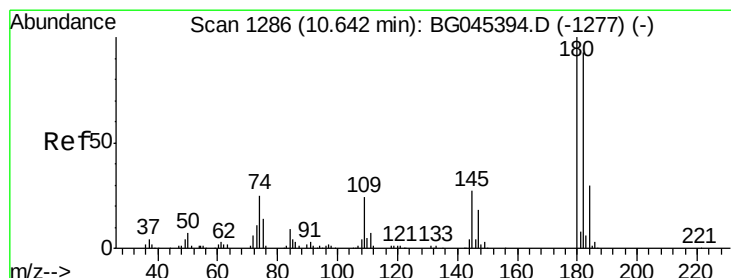
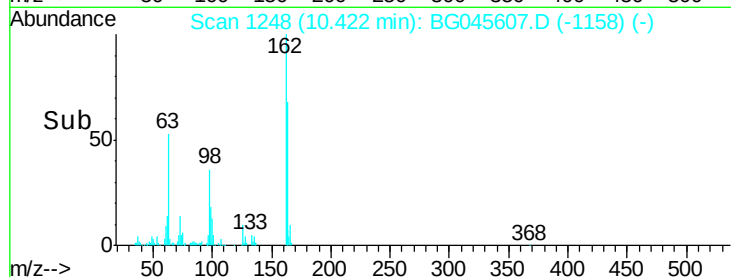
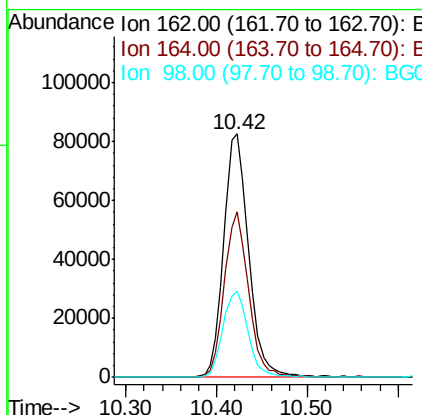
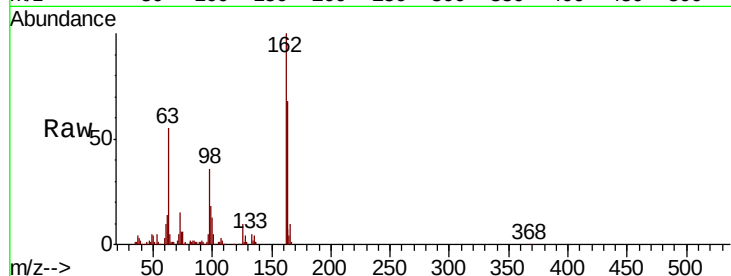




#29
 2,4-Dichlorophenol
 Concen: 51.175 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

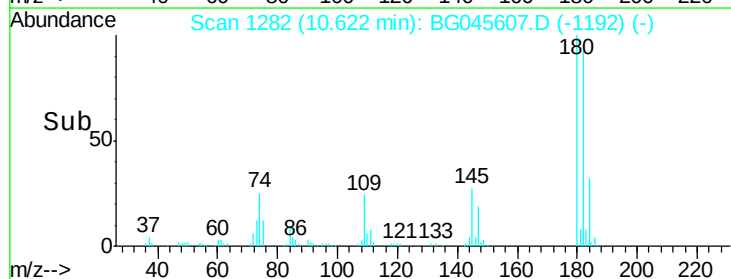
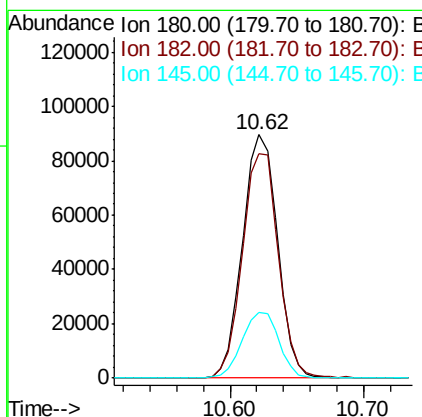
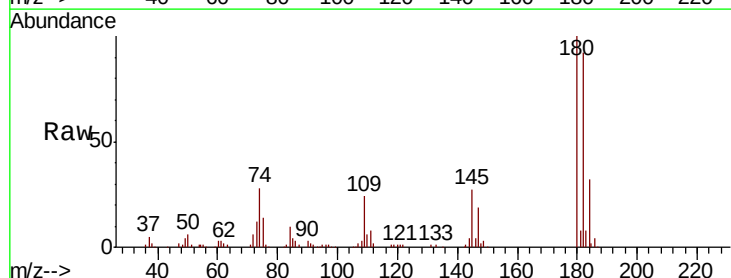
Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

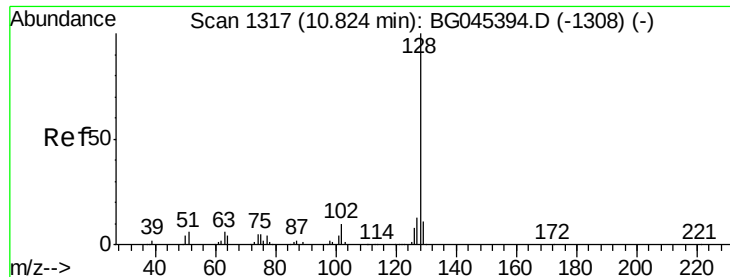
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	46.8	86.8
98	35.6	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.415 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	74.8	112.2
145	27.0	21.9	32.9

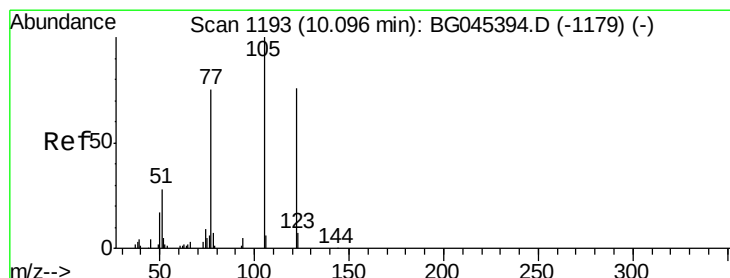
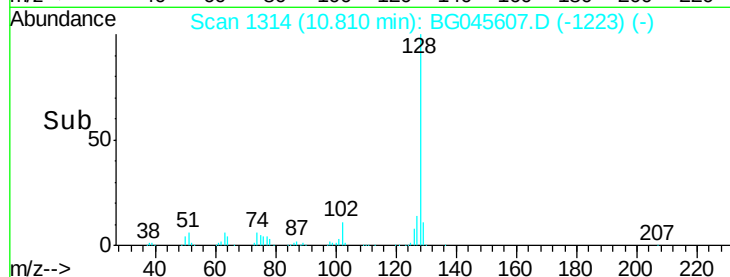
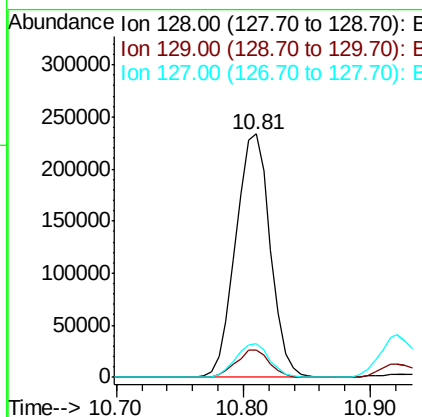
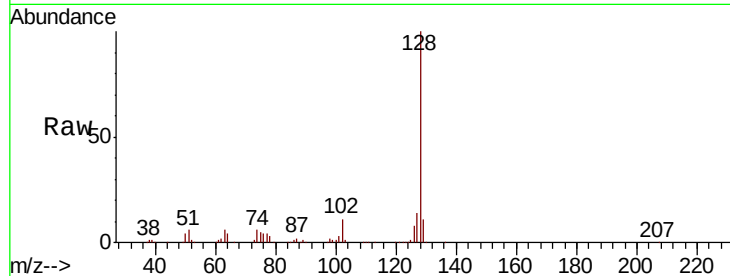




#31
Naphthalene
Concen: 45.029 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

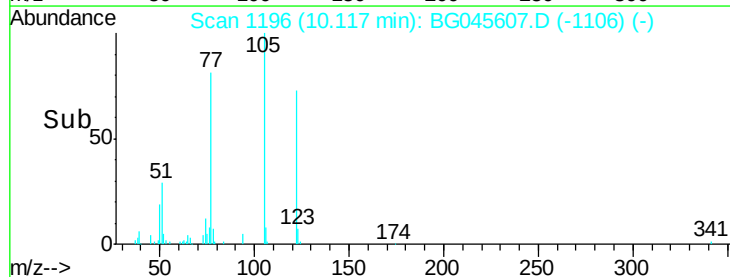
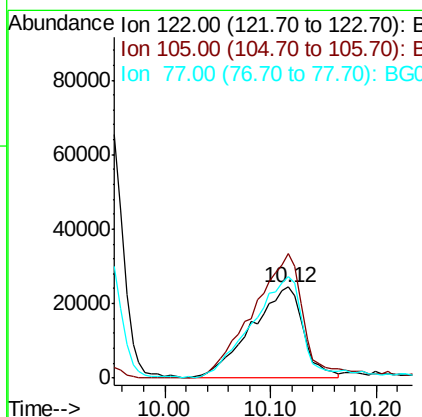
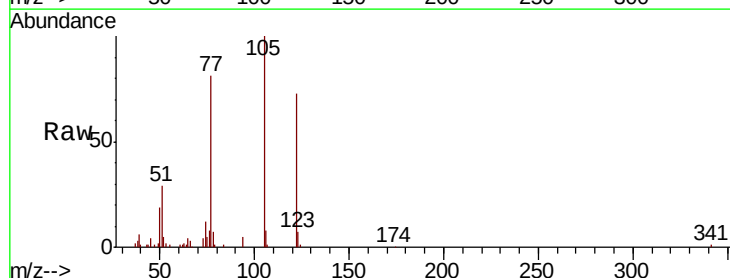
Instrument :
BNA_G
ClientSampleId :
PB129295BS

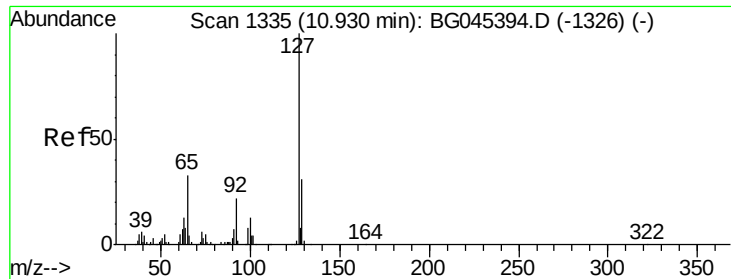
Tot Ion:128 Resp: 441008
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 46.255 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:122 Resp: 81601
Ion Ratio Lower Upper
122 100
105 136.9 107.9 147.9
77 111.0 78.9 118.9

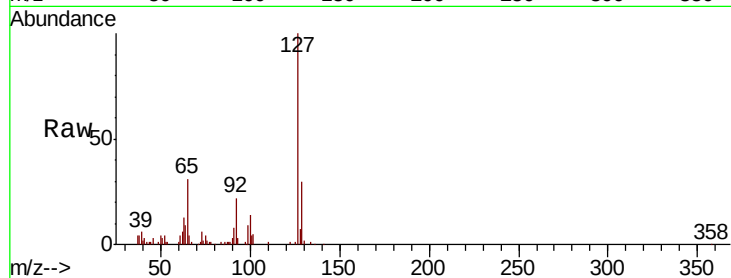




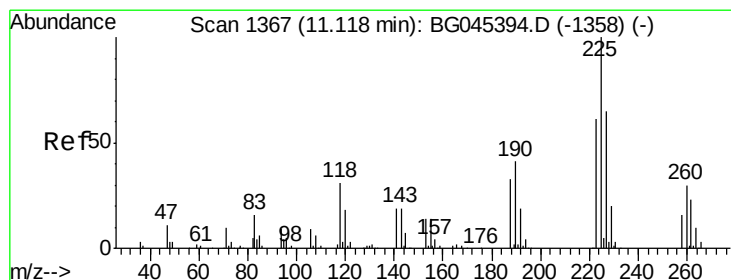
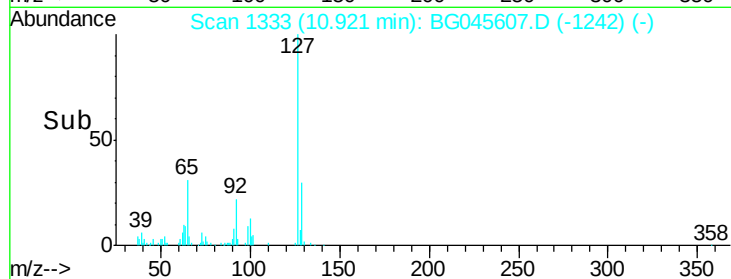
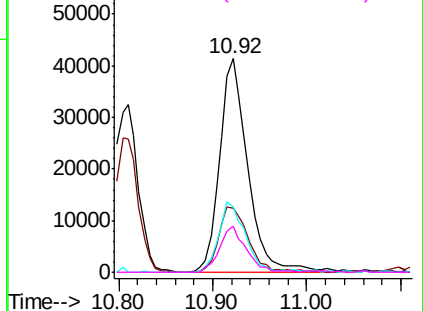
#33
4-Chloroaniline
Concen: 21.107 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion:127 Resp: 86412
Ion Ratio Lower Upper
127 100
129 30.0 24.7 37.1
65 30.8 26.2 39.2
92 21.8 17.9 26.9

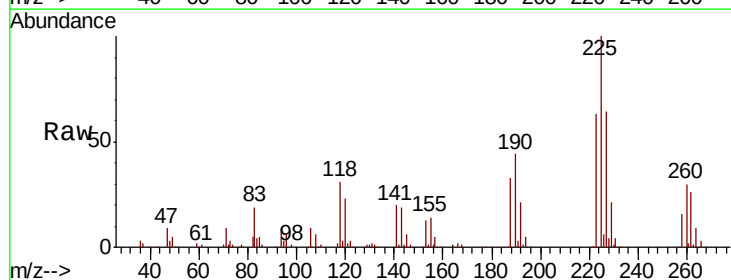


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

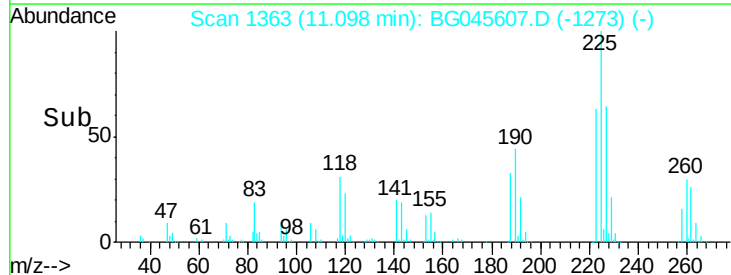
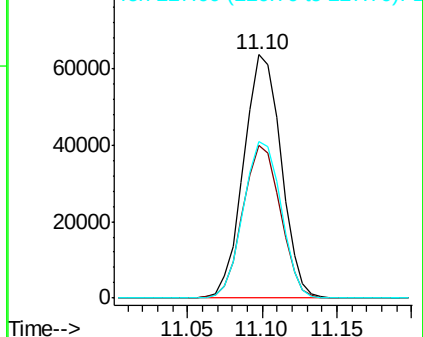


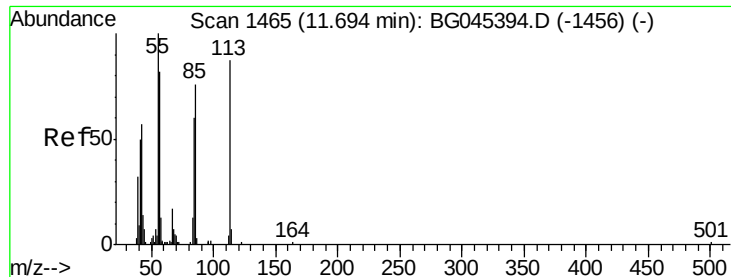
#34
Hexachlorobutadiene
Concen: 42.785 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:225 Resp: 110565
Ion Ratio Lower Upper
225 100
223 63.0 49.1 73.7
227 64.4 52.0 78.0



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





#35

Caprolactam

Concen: 28.300 ng

RT: 11.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

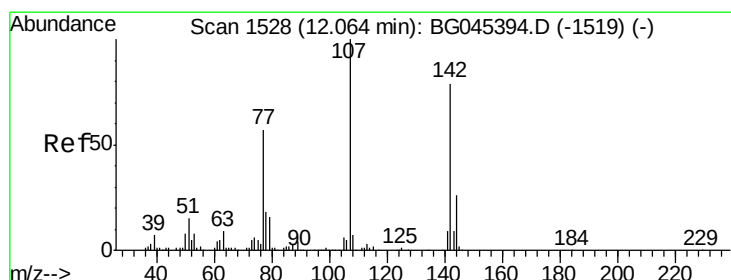
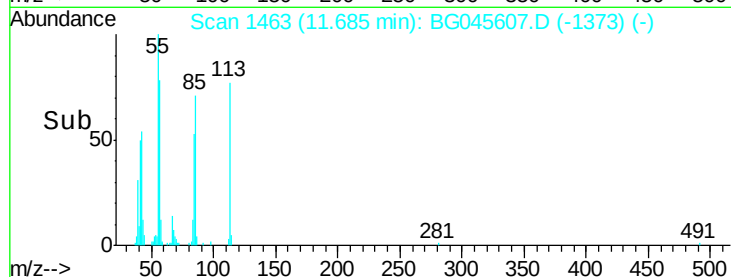
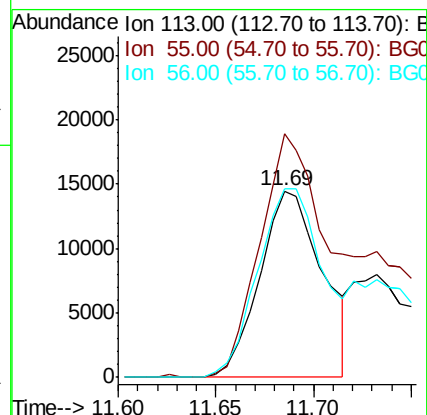
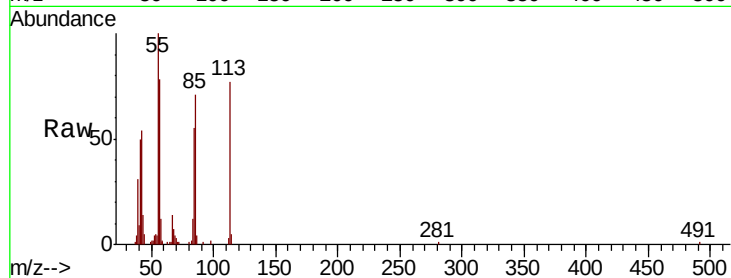
Tot Ion:113 Resp: 32137

Ion Ratio Lower Upper

113 100

55 130.6 96.0 136.0

56 101.2 75.1 115.1



#36

4-Chloro-3-methylphenol

Concen: 51.855 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

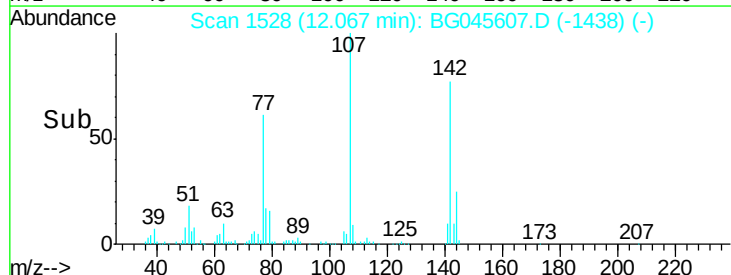
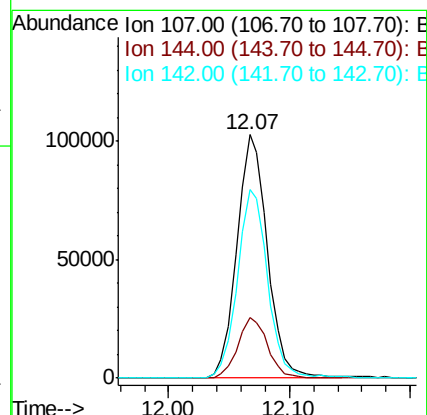
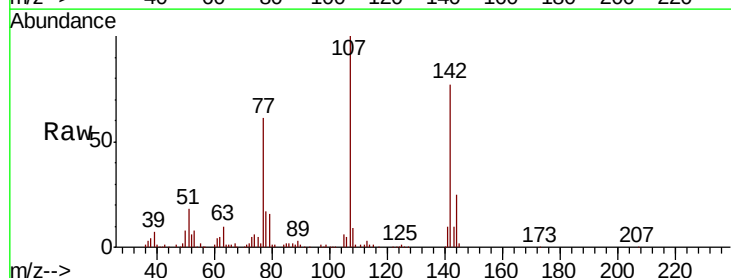
Tgt Ion:107 Resp: 180781

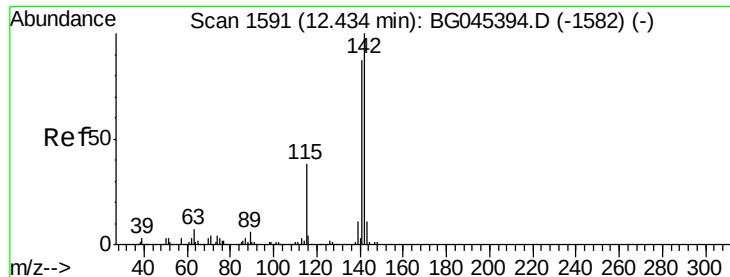
Ion Ratio Lower Upper

107 100

144 25.1 20.8 31.2

142 77.3 62.8 94.2

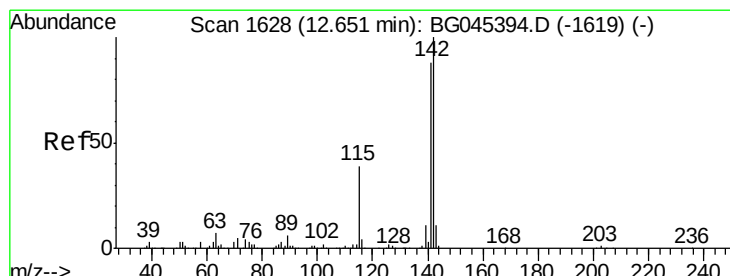
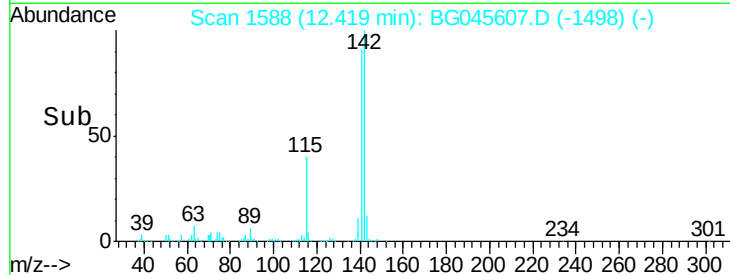
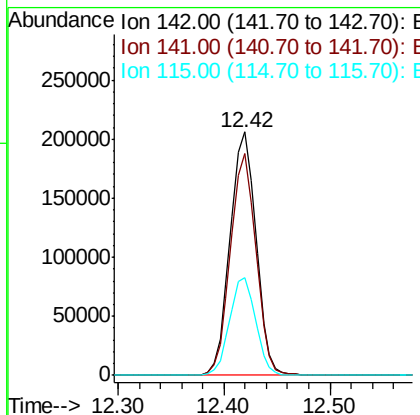
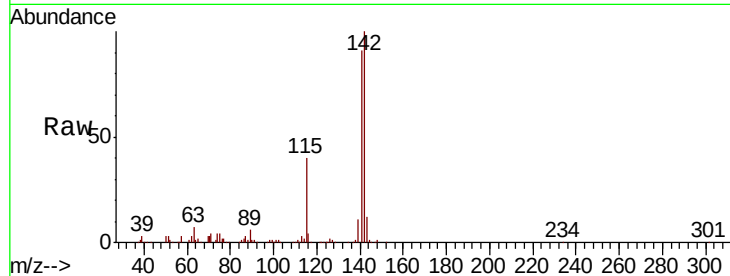




#37
 2-Methylnaphthalene
 Concen: 47.940 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

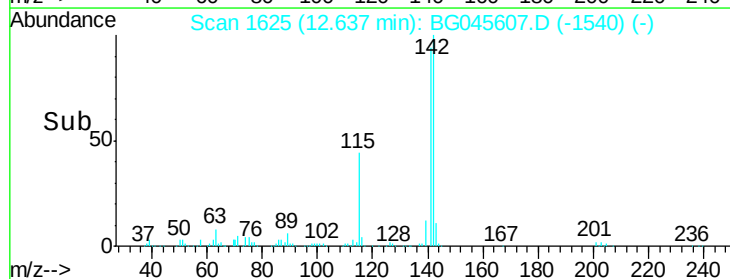
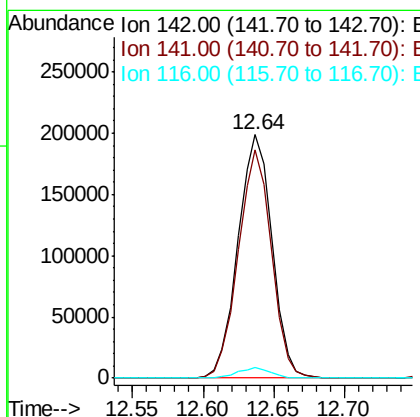
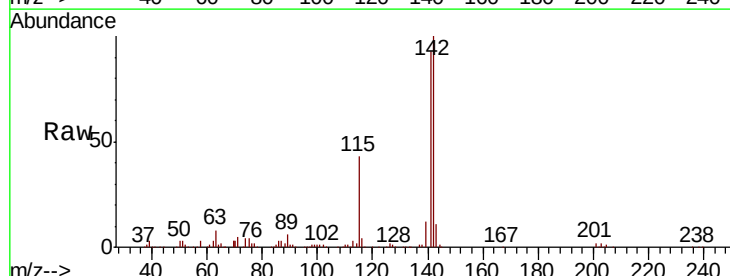
Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

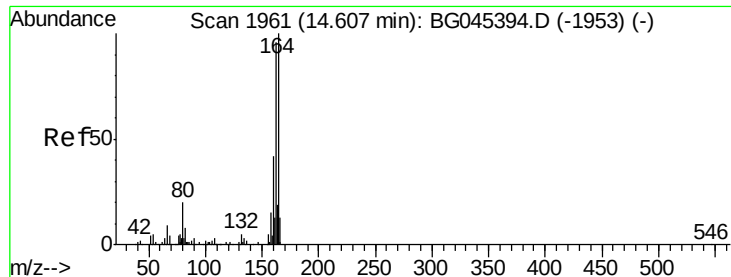
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.0	105.0
115	40.3	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 48.544 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	70.8	106.2
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

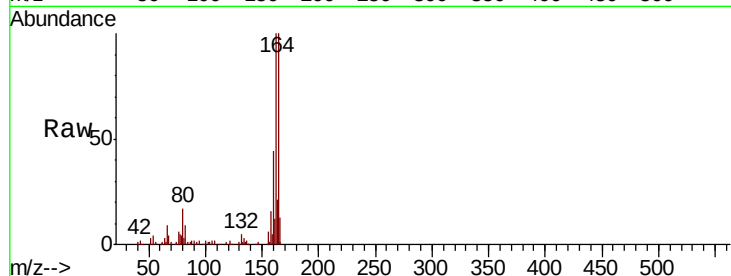
Tot Ion:164 Resp: 164666

Ion Ratio Lower Upper

164 100

162 100.4 76.9 115.3

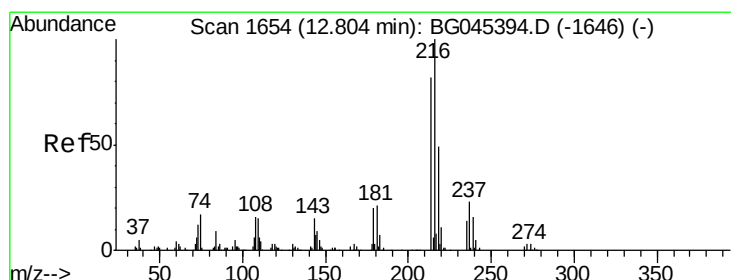
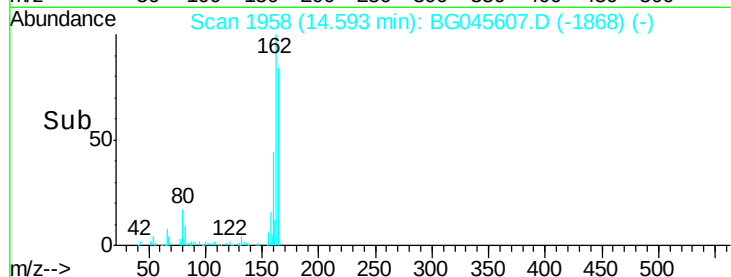
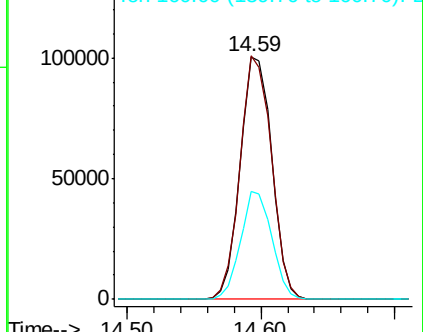
160 44.6 33.8 50.8



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: 43.692 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tgt Ion:216 Resp: 200957

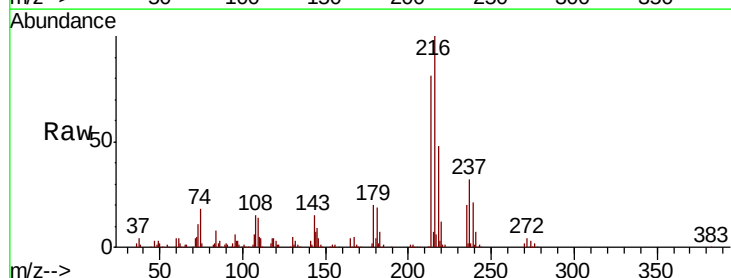
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 19.2 16.1 24.1

108 18.9 13.8 20.6

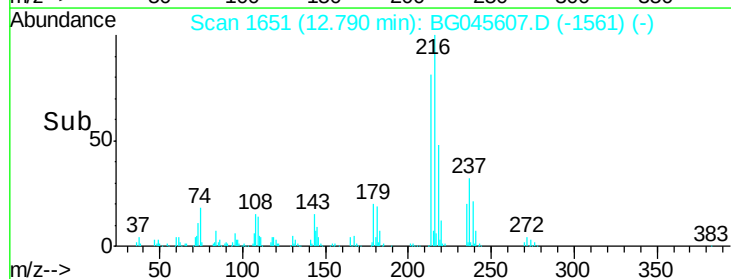
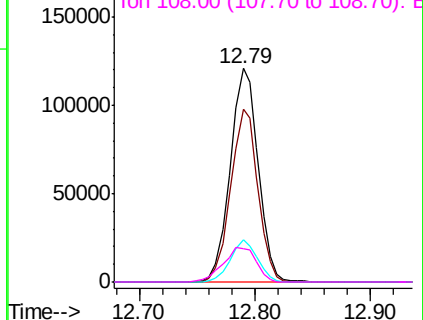


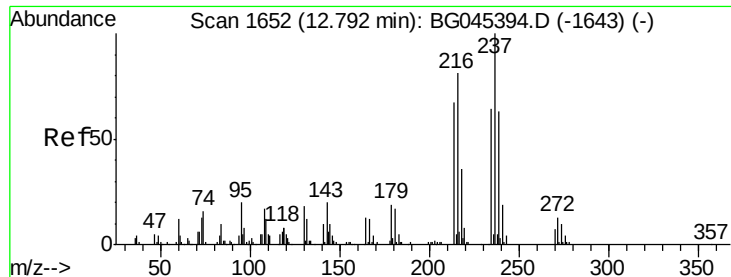
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.815 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

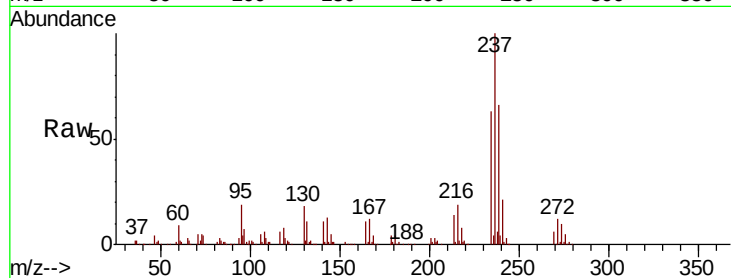
Tot Ion:237 Resp: 246393

Ion Ratio Lower Upper

237 100

235 62.6 44.4 84.4

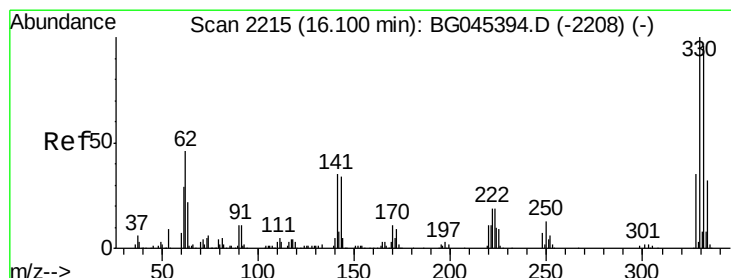
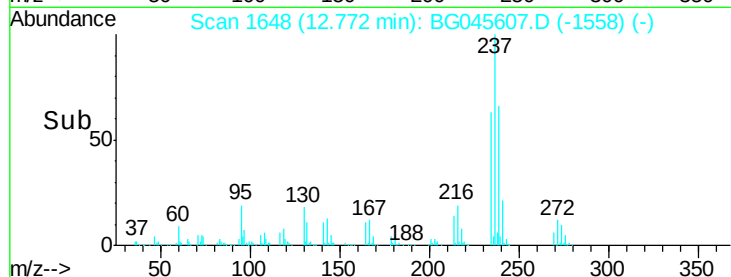
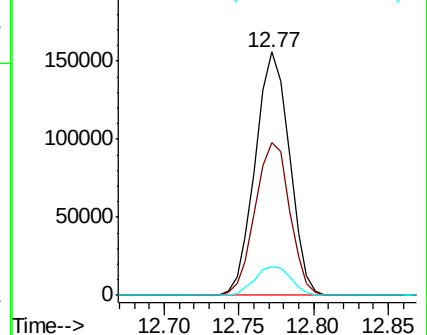
272 12.0 0.0 32.5



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: 139.236 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

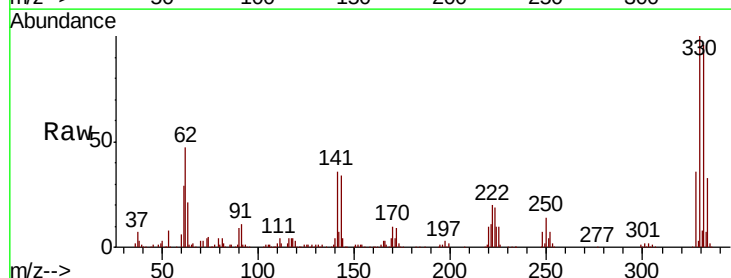
Tgt Ion:330 Resp: 293216

Ion Ratio Lower Upper

330 100

332 98.3 78.2 117.4

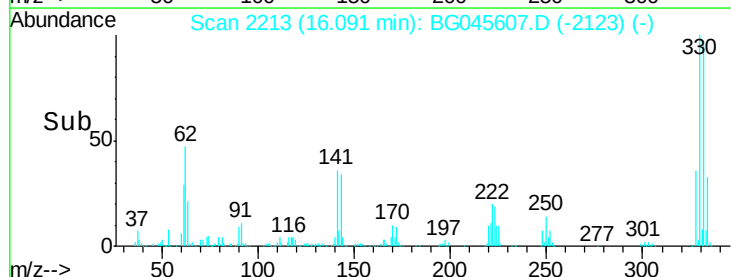
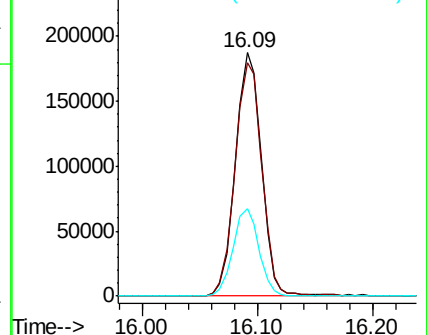
141 35.7 28.2 42.4

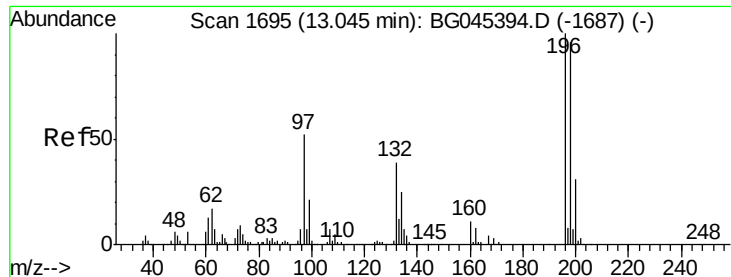


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

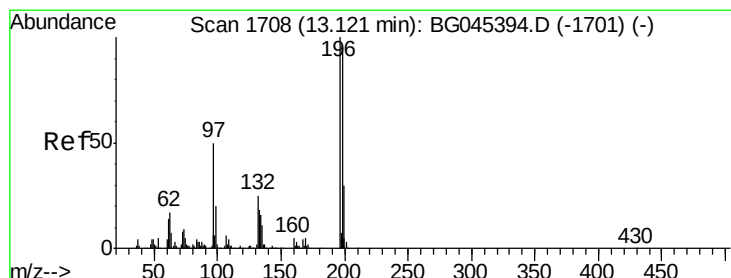
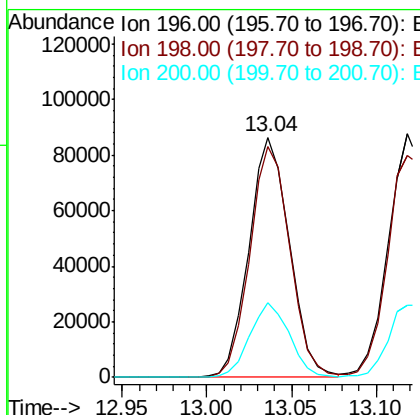
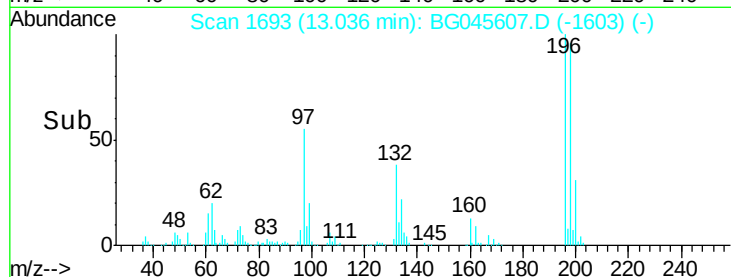
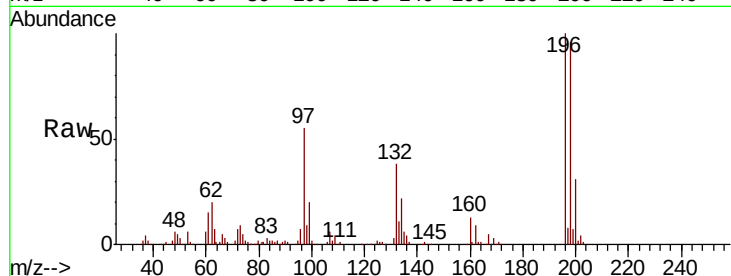




#43
2,4,6-Trichlorophenol
Concen: 44.974 ng
RT: 13.04 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

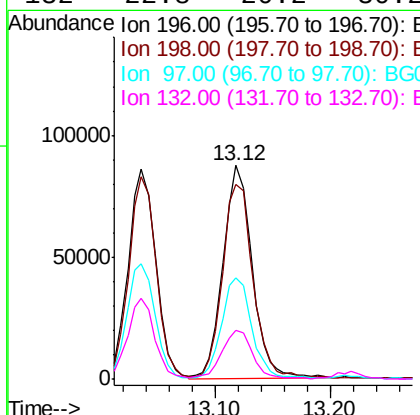
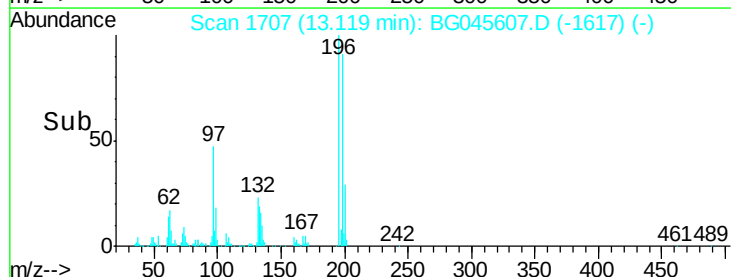
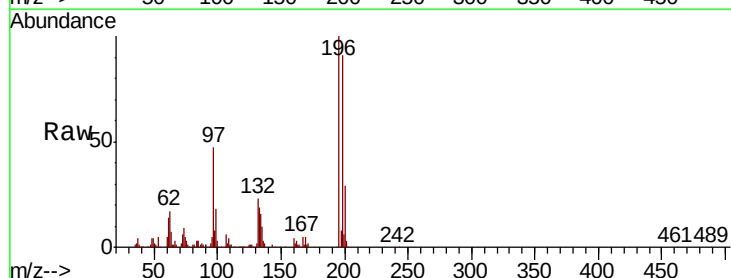
Instrument :
BNA_G
ClientSampleId :
PB129295BS

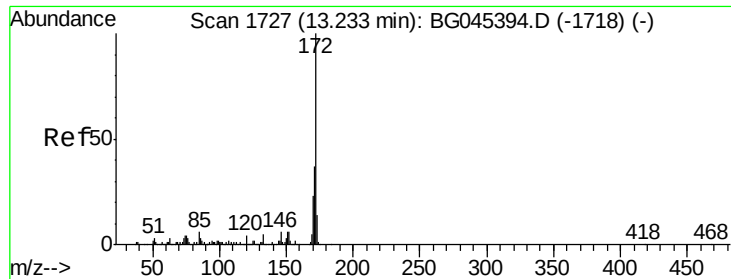
Tot Ion:196 Resp: 143691
Ion Ratio Lower Upper
196 100
198 96.1 76.7 115.1
200 30.9 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 42.132 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:196 Resp: 153828
Ion Ratio Lower Upper
196 100
198 90.9 76.1 114.1
97 47.3 40.0 60.0
132 22.8 20.2 30.2

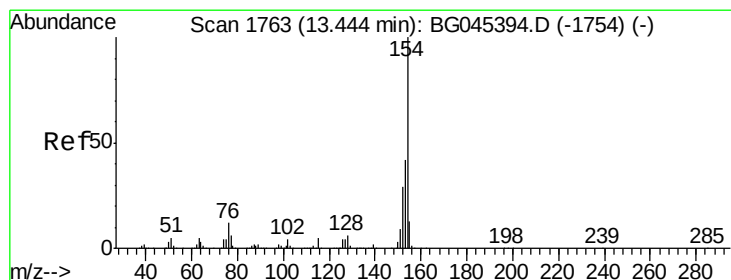
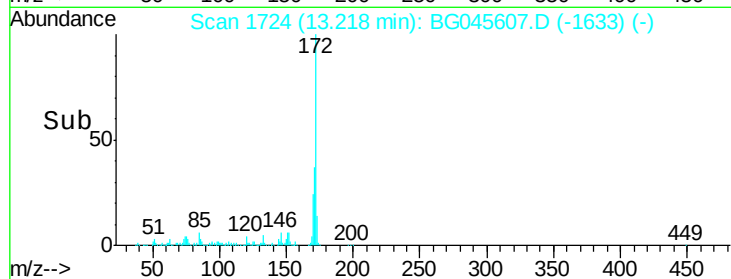
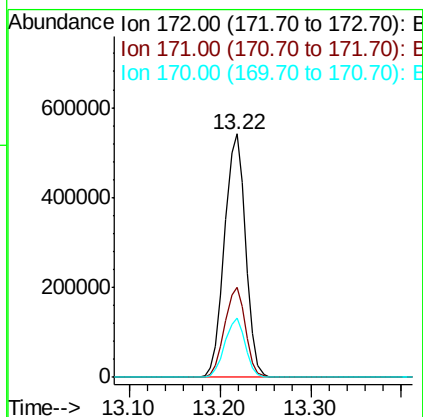
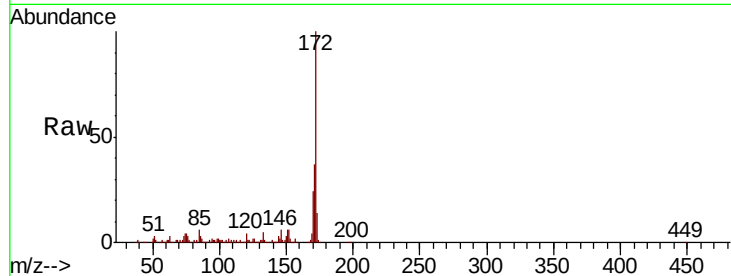




#45
2-Fluorobiphenyl
Concen: 89.938 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

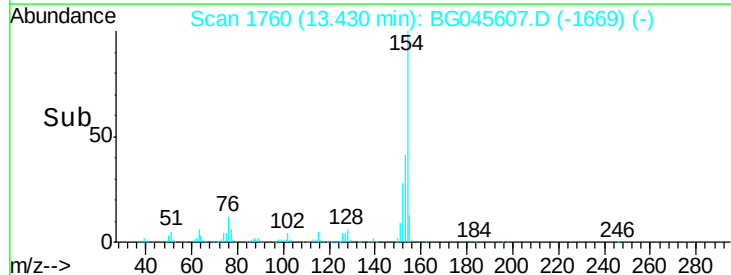
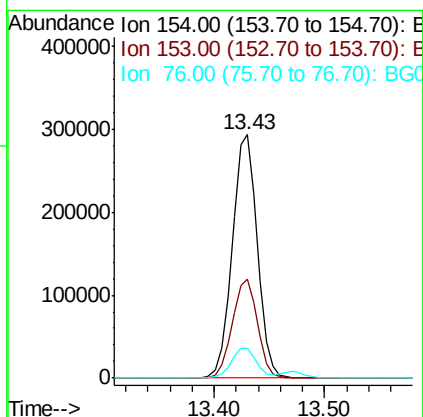
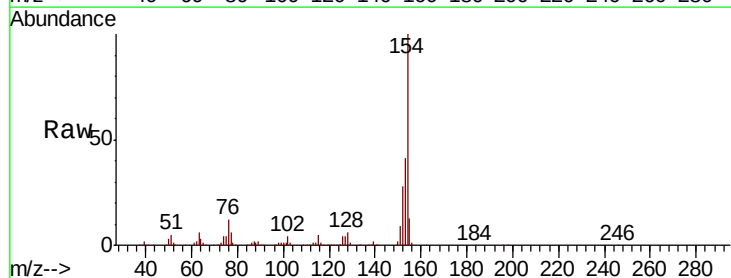
Instrument :
BNA_G
ClientSampleId :
PB129295BS

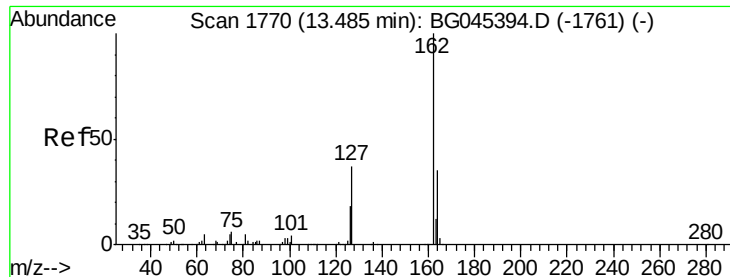
Tot Ion:172 Resp: 873104
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 24.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 46.143 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:154 Resp: 466874
Ion Ratio Lower Upper
154 100
153 40.9 22.2 62.2
76 12.3 0.0 32.4

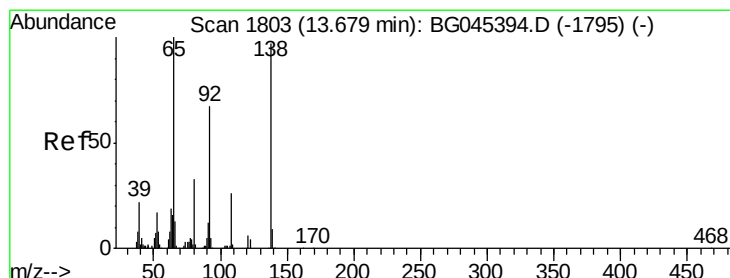
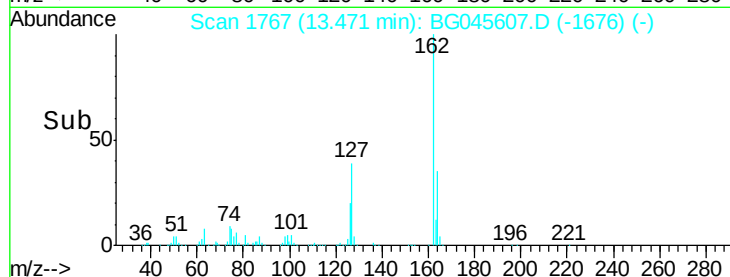
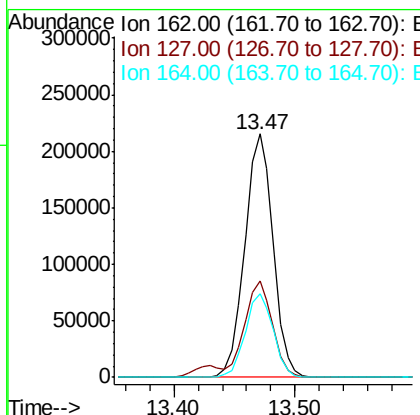
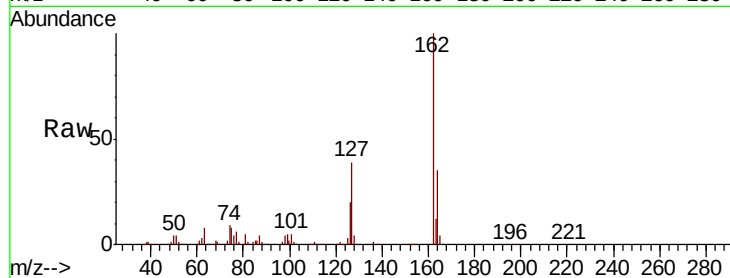




#47
2-Chloronaphthalene
Concen: 42.824 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

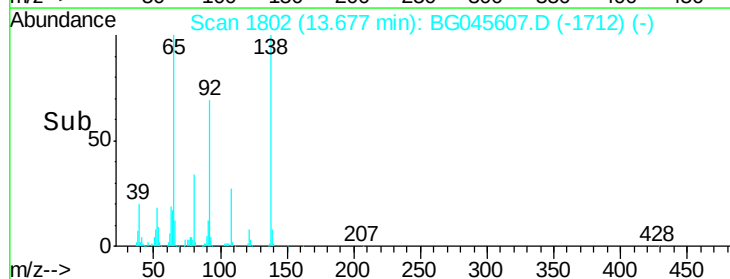
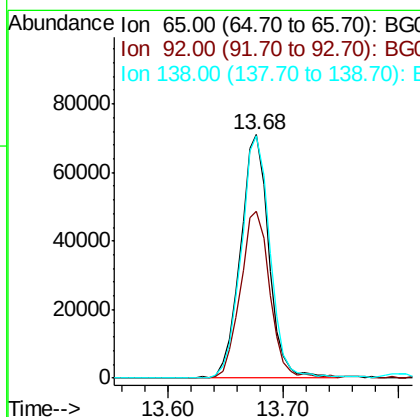
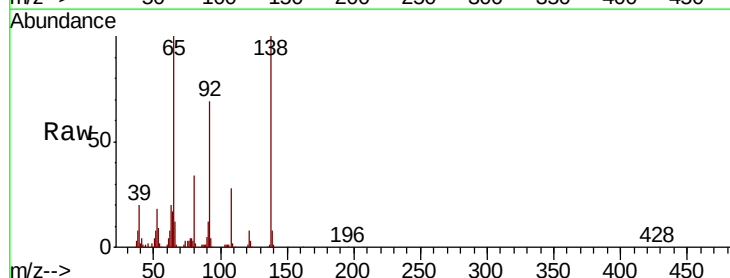
Instrument :
BNA_G
ClientSampleId :
PB129295BS

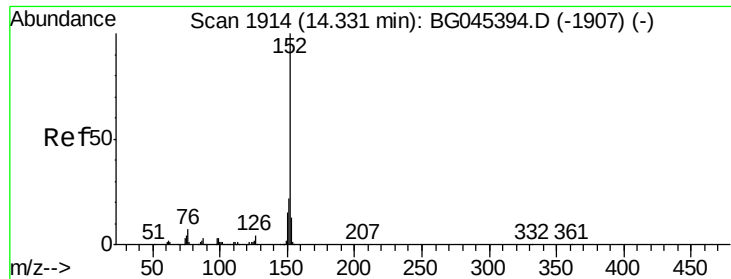
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.6	47.4
164	34.5	28.1	42.1



#48
2-Nitroaniline
Concen: 44.753 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.8	80.8
138	99.7	77.9	116.9





#49

Acenaphthylene

Concen: 46.035 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

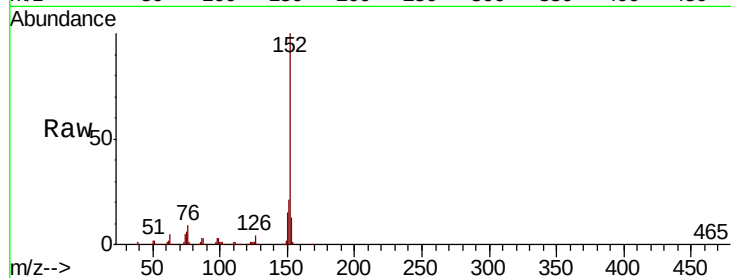
Tot Ion:152 Resp: 607532

Ion Ratio Lower Upper

152 100

151 20.8 17.4 26.2

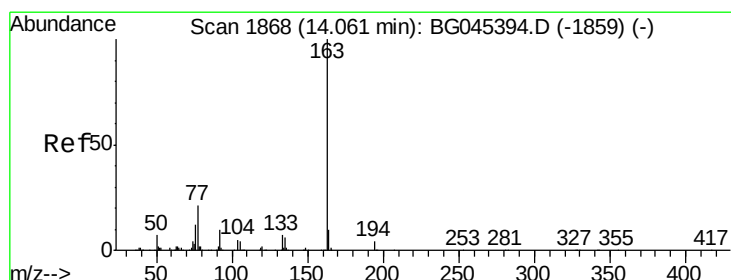
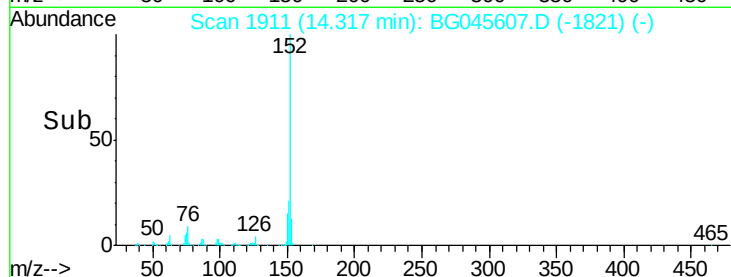
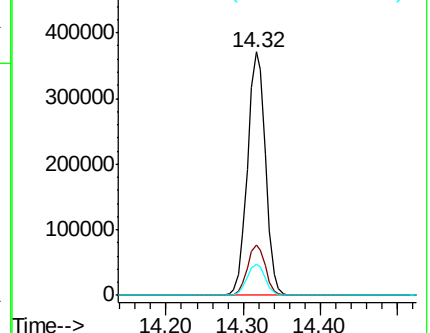
153 12.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.169 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

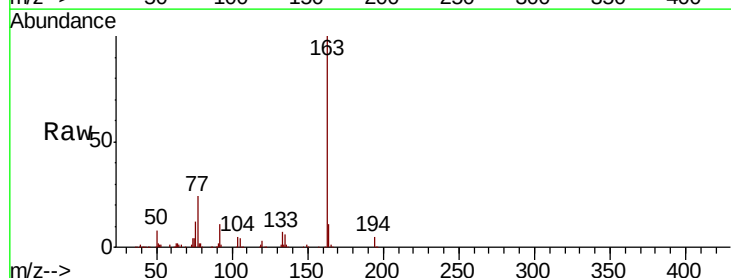
Tgt Ion:163 Resp: 510227

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

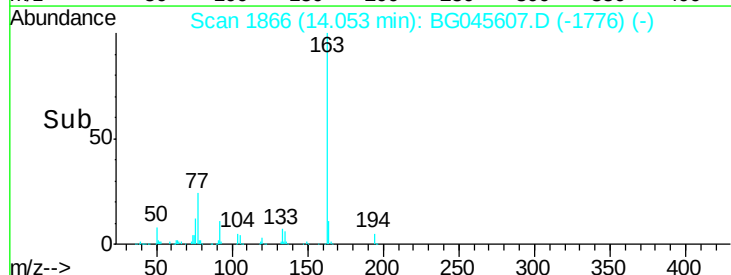
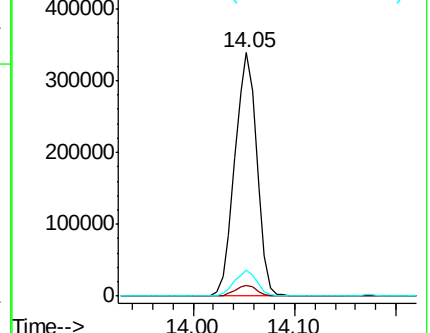
164 10.7 8.3 12.5

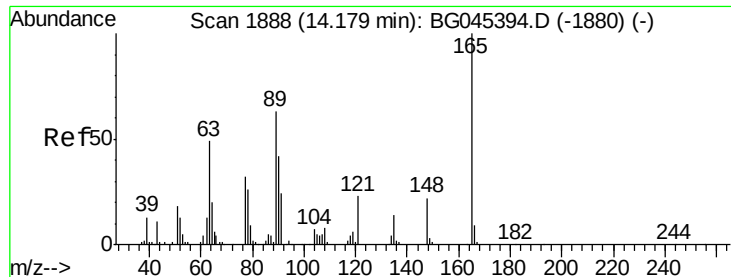


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

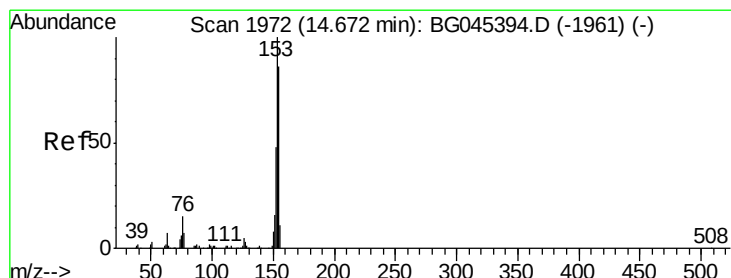
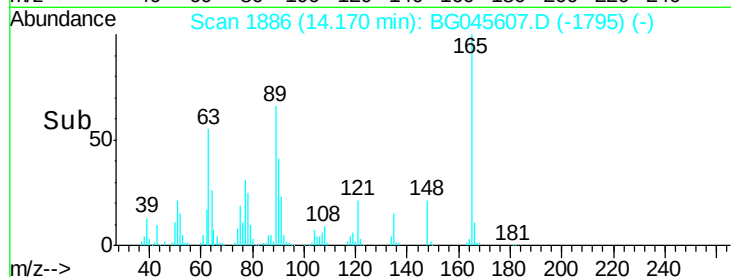
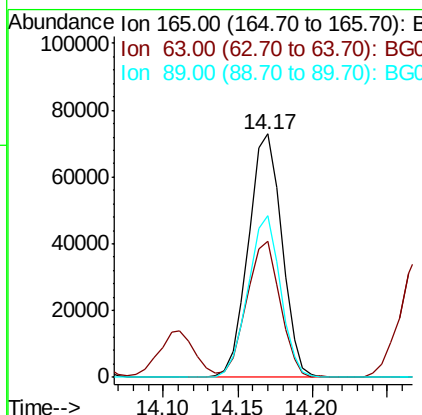
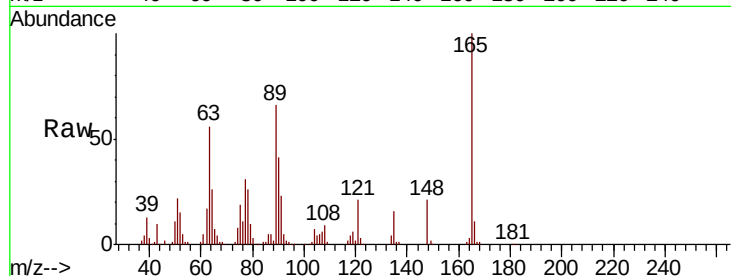




#51
 2,6-Dinitrotoluene
 Concen: 44.361 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

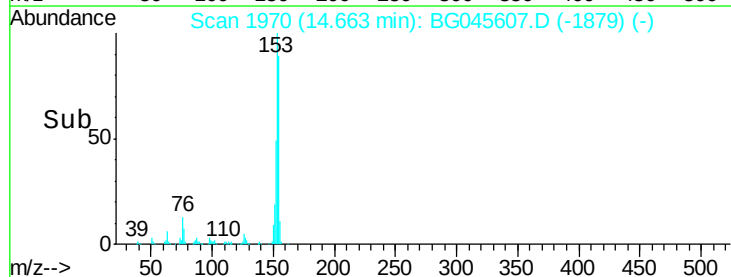
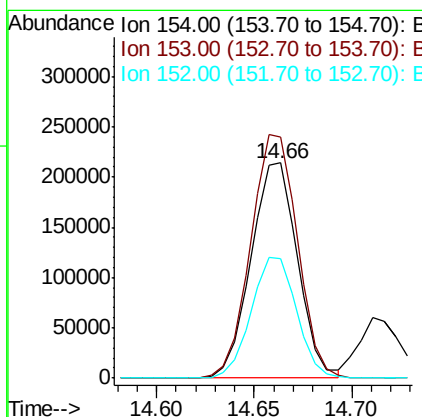
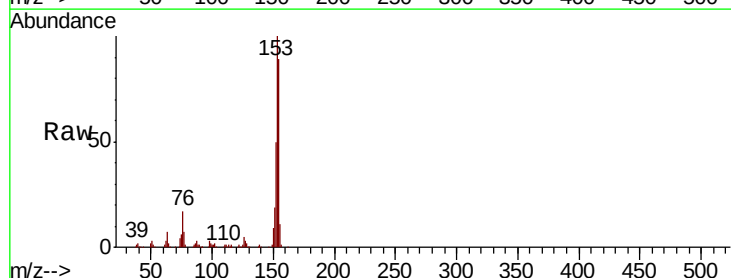
Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

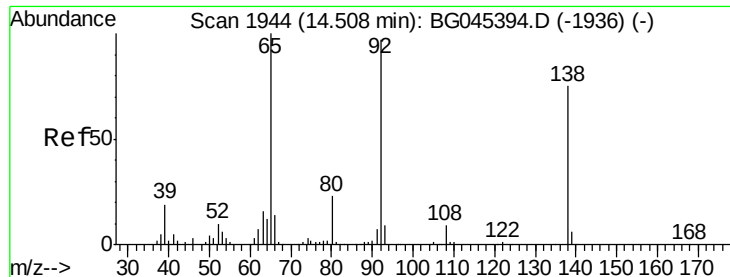
Tot Ion:165 Resp: 113073
 Ion Ratio Lower Upper
 165 100
 63 55.8 45.0 67.4
 89 66.4 50.2 75.4



#52
 Acenaphthene
 Concen: 40.127 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion:154 Resp: 354479
 Ion Ratio Lower Upper
 154 100
 153 112.1 92.8 139.2
 152 55.5 44.6 66.8





#53

3-Nitroaniline

Concen: 24.570 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

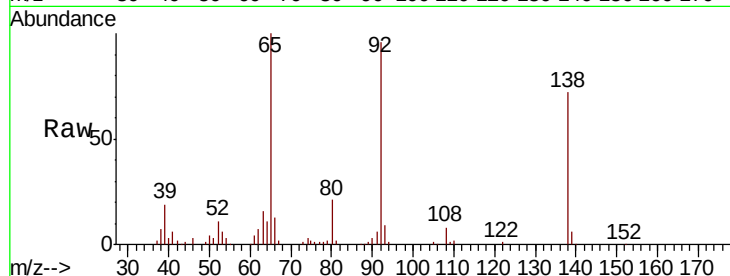
Tot Ion:138 Resp: 63663

Ion Ratio Lower Upper

138 100

108 10.6 9.8 14.6

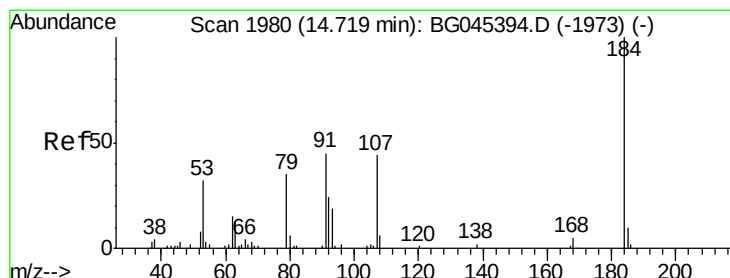
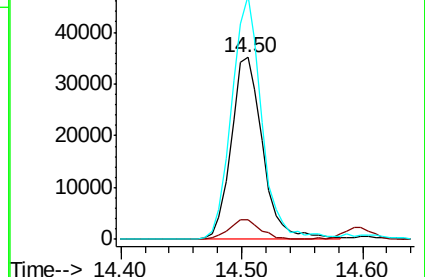
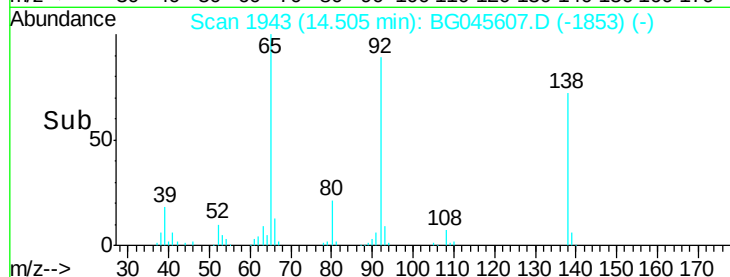
92 133.7 103.0 154.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 83.489 ng

RT: 14.72 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

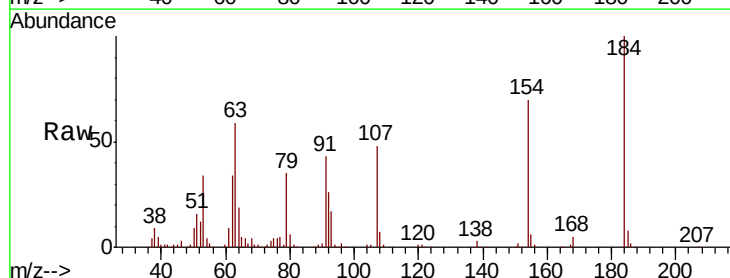
Tgt Ion:184 Resp: 139830

Ion Ratio Lower Upper

184 100

63 59.4 47.8 71.6

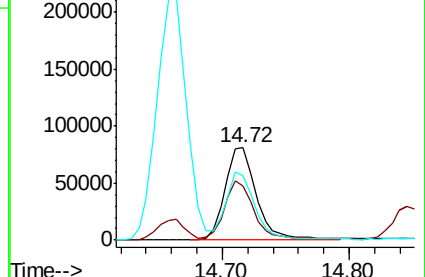
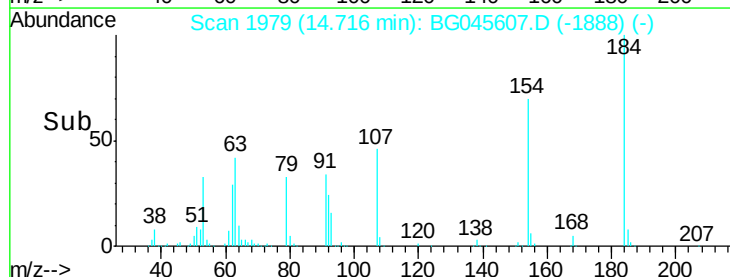
154 70.4 58.3 87.5

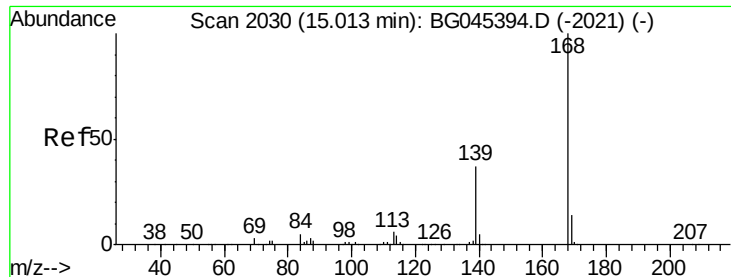


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

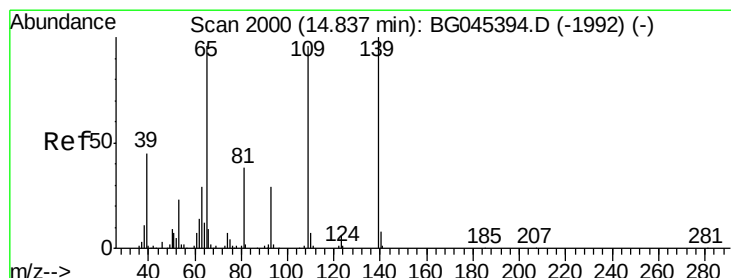
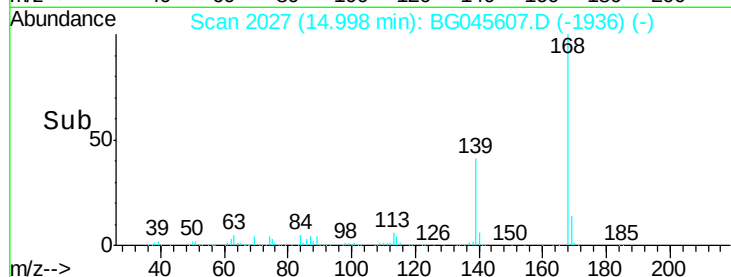
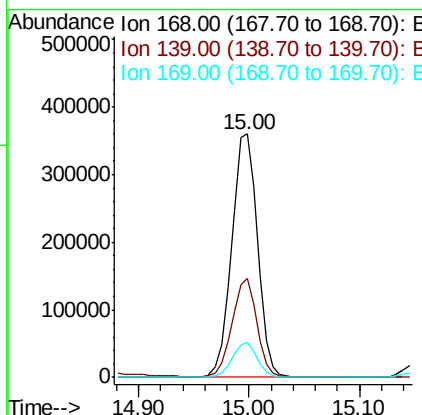
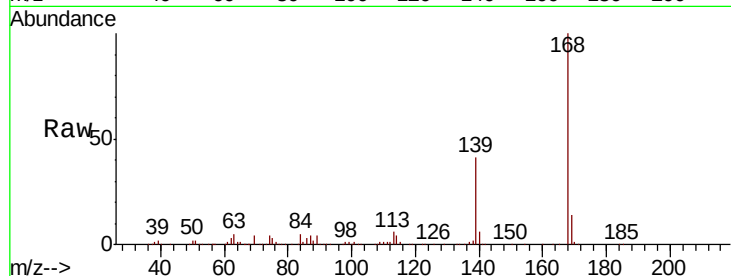




#55
Dibenzofuran
Concen: 44.983 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

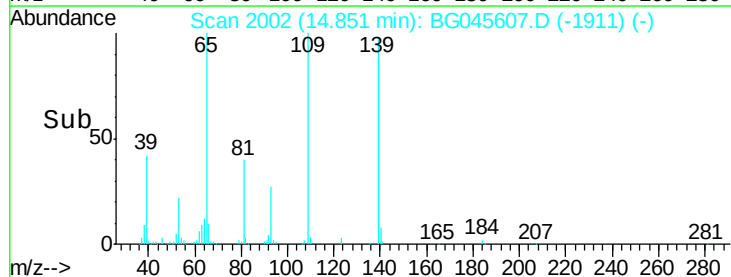
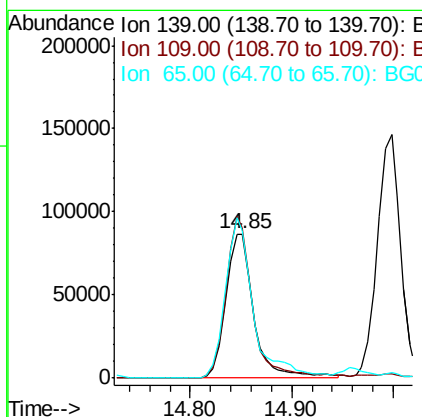
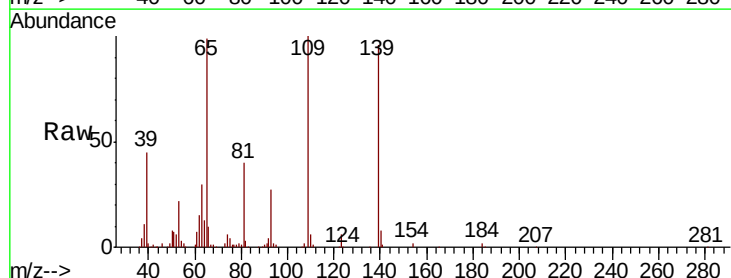
Instrument :
BNA_G
ClientSampleId :
PB129295BS

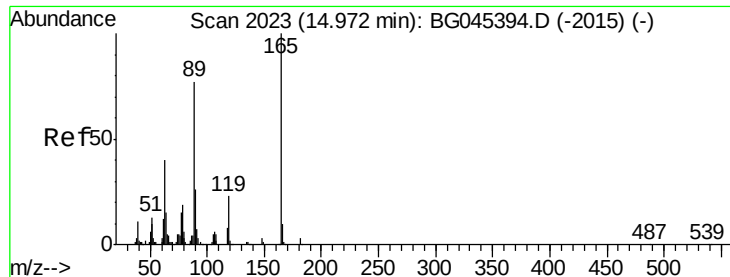
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	29.9	44.9
169	14.4	10.9	16.3



#56
4-Nitrophenol
Concen: 84.724 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.5	75.6	115.6
65	103.0	76.8	116.8





#57

2,4-Dinitrotoluene

Concen: 44.896 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

Tot Ion:165 Resp: 165737

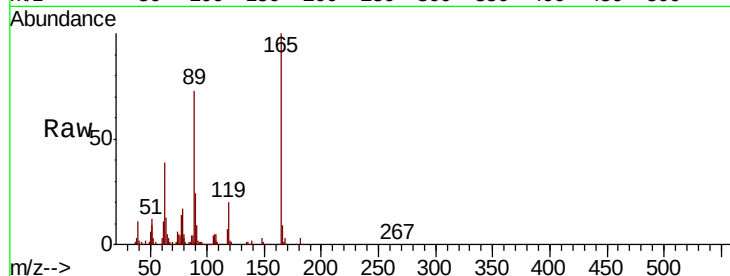
Ion Ratio Lower Upper

165 100

63 39.2 32.5 48.7

89 72.7 61.8 92.6

182 2.7 2.3 3.5

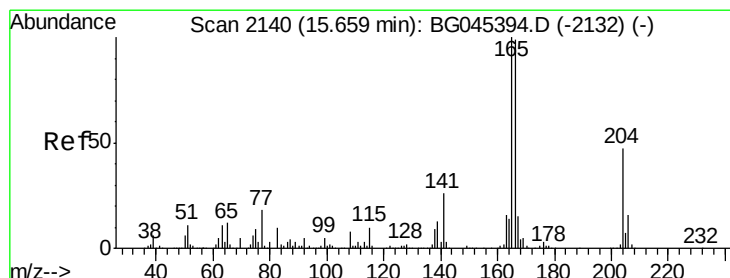
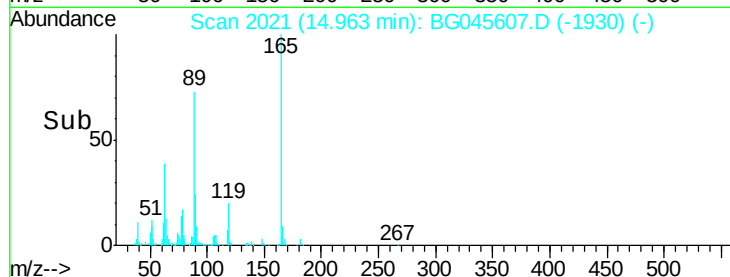
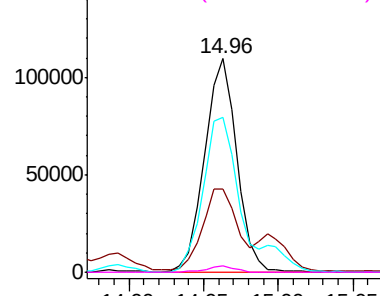


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.109 ng

RT: 15.64 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

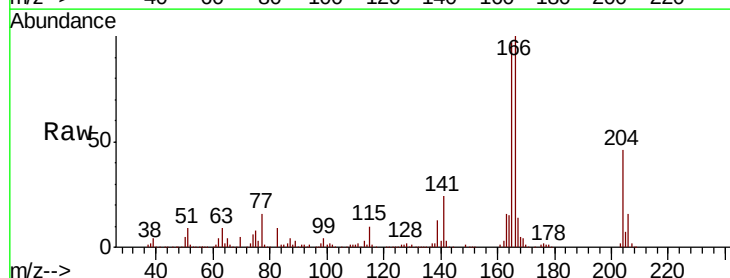
Tgt Ion:166 Resp: 496940

Ion Ratio Lower Upper

166 100

165 97.2 80.8 121.2

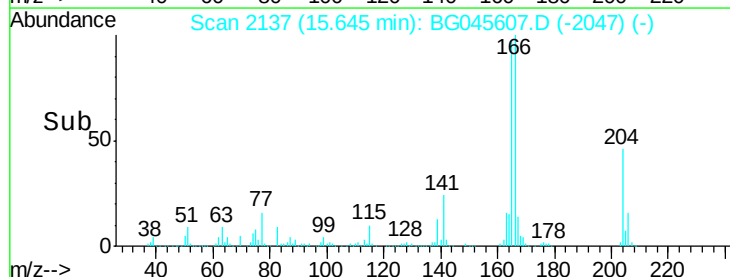
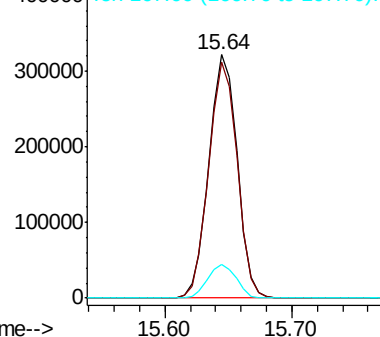
167 14.0 12.0 18.0

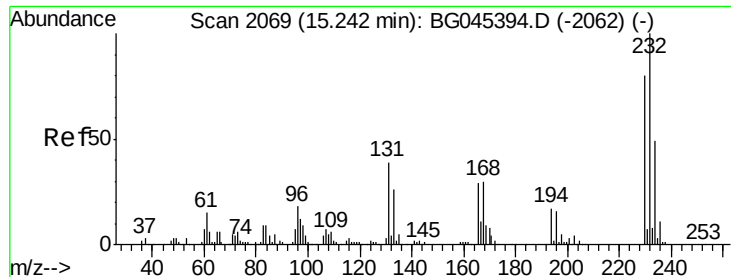


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

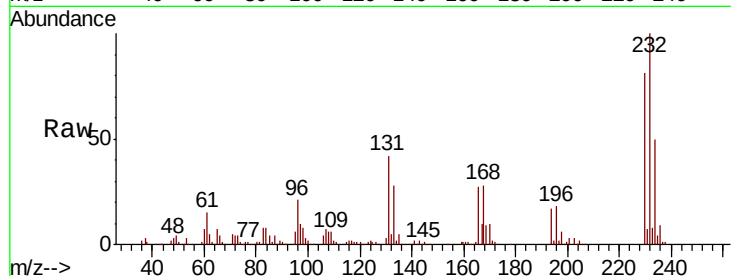




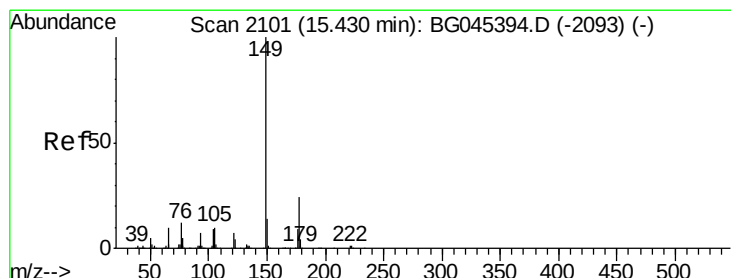
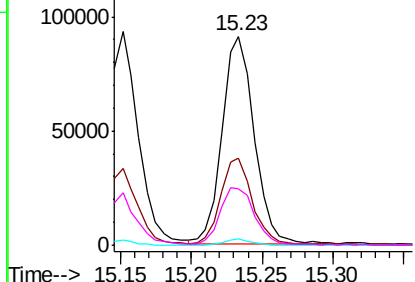
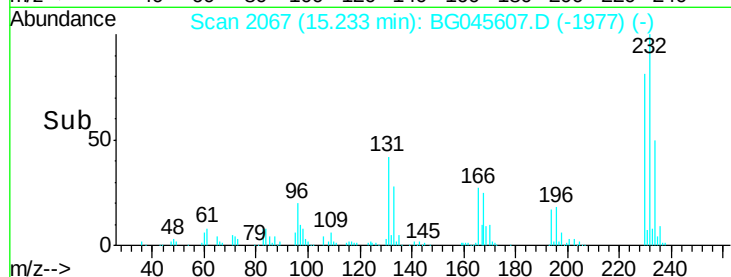
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.981 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion:232 Resp: 144484
 Ion Ratio Lower Upper
 232 100
 131 41.1 33.7 50.5
 130 2.7 2.1 3.1
 166 29.3 23.2 34.8

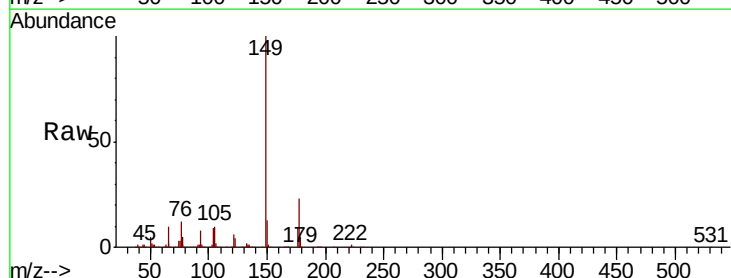


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

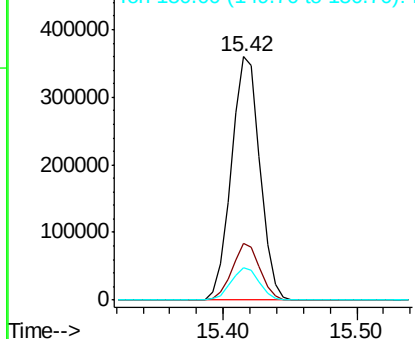
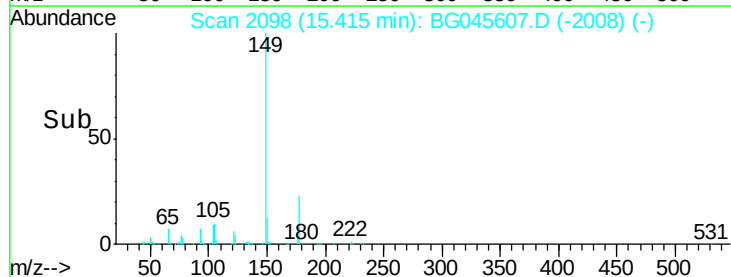


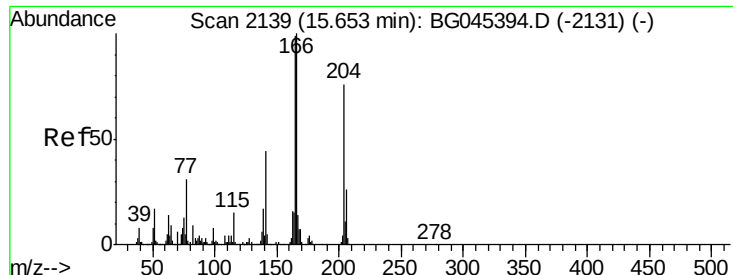
#60
 Diethylphthalate
 Concen: 45.580 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion:149 Resp: 535899
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.0 28.4
 150 13.1 11.4 17.0



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

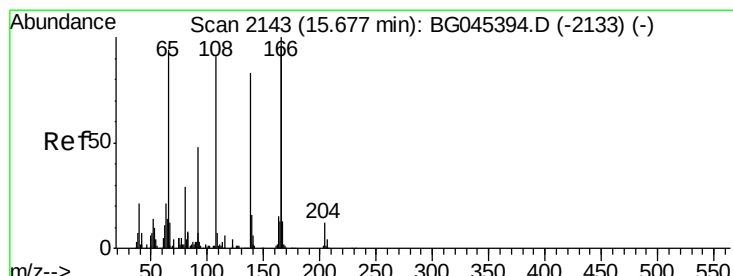
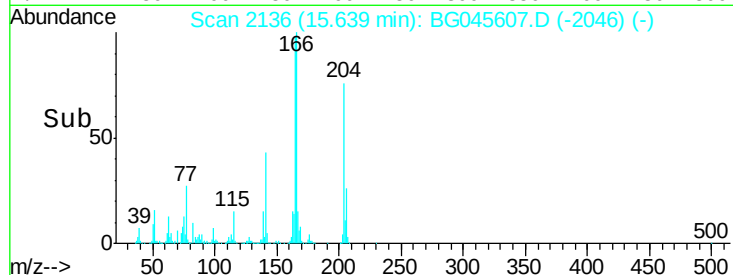
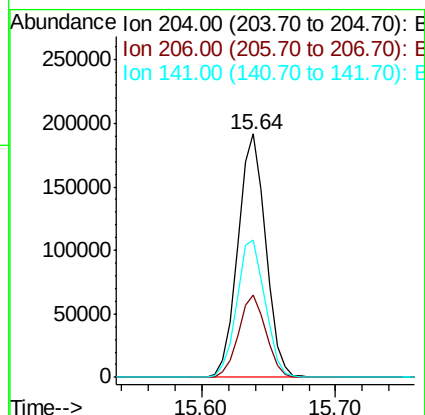
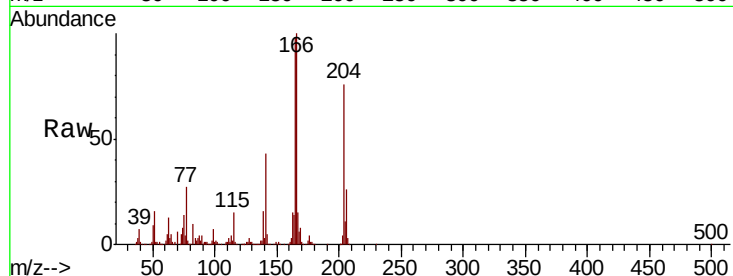




#61
4-Chlorophenyl-phenylether
Concen: 44.816 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

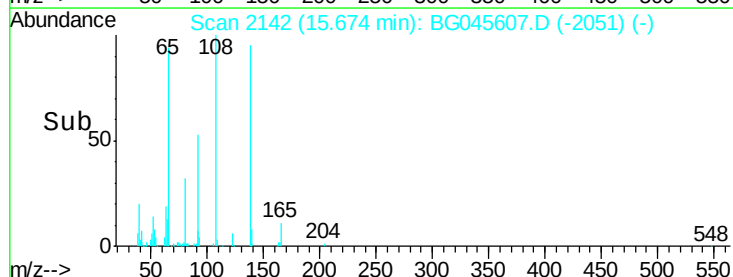
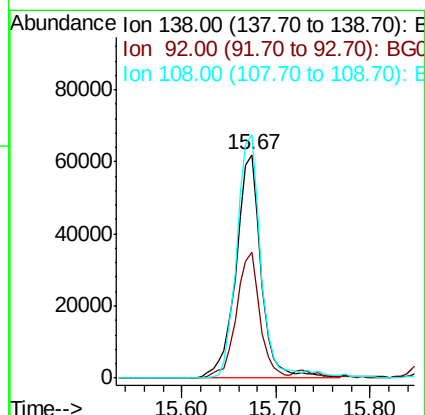
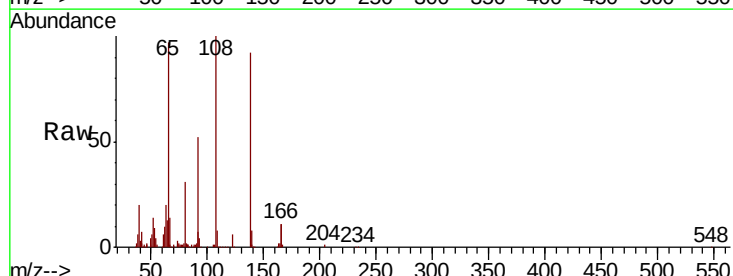
Instrument :
BNA_G
ClientSampleId :
PB129295BS

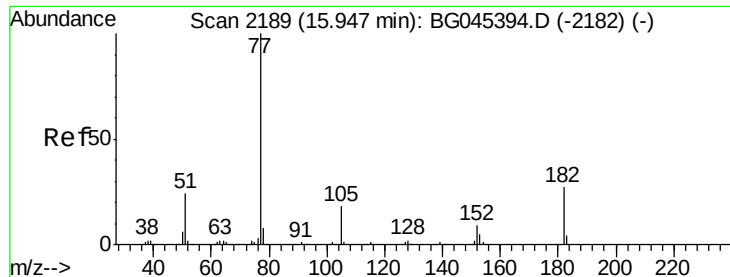
Tot Ion:204 Resp: 276393
Ion Ratio Lower Upper
204 100
206 33.9 27.3 40.9
141 56.3 45.9 68.9



#62
4-Nitroaniline
Concen: 42.763 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:138 Resp: 115676
Ion Ratio Lower Upper
138 100
92 56.1 38.0 78.0
108 108.9 89.3 129.3





#63

Azobenzene

Concen: 46.099 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

Tot Ion: 77 Resp: 505384

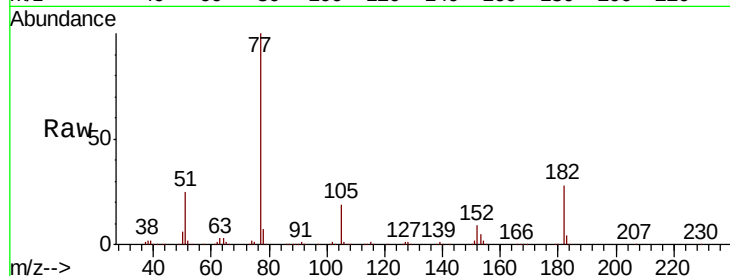
Ion Ratio Lower Upper

77 100

182 27.6 6.5 46.5

105 18.7 0.0 37.9

51 24.8 4.1 44.1

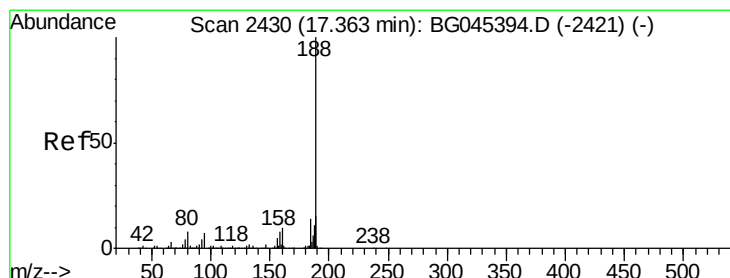
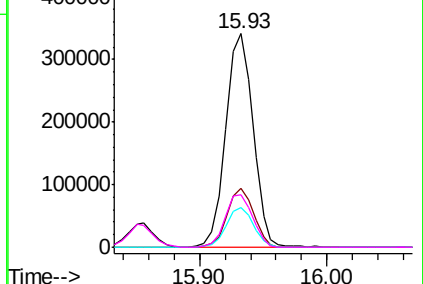
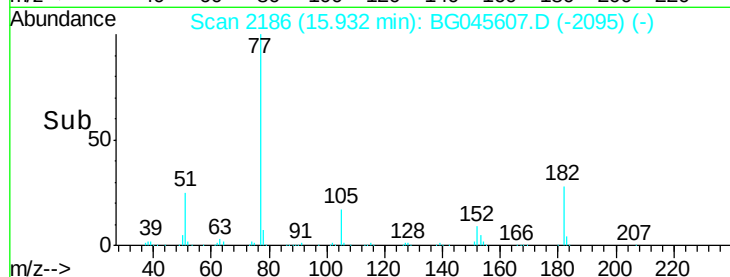


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

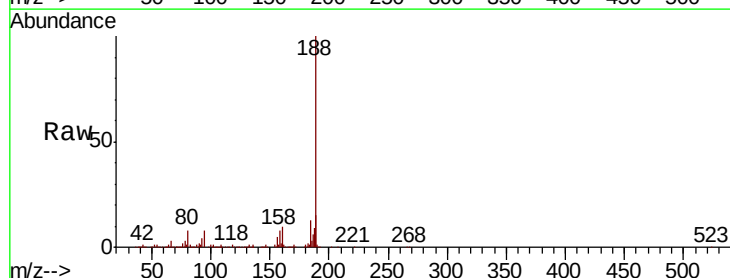
Tgt Ion: 188 Resp: 404749

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

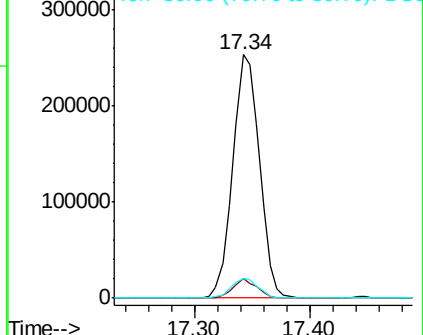
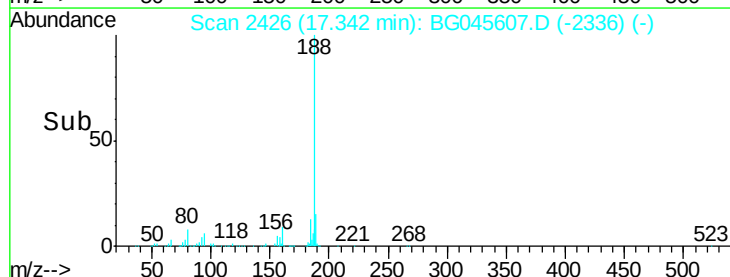
80 8.2 6.6 10.0

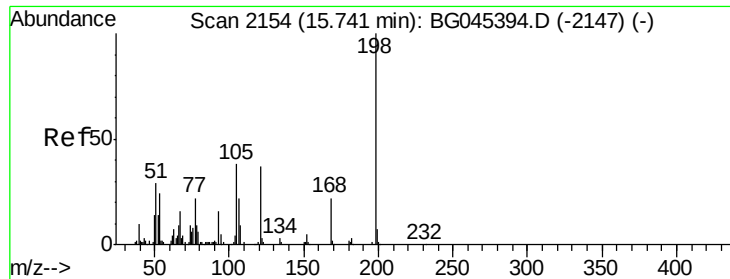


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 44.240 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

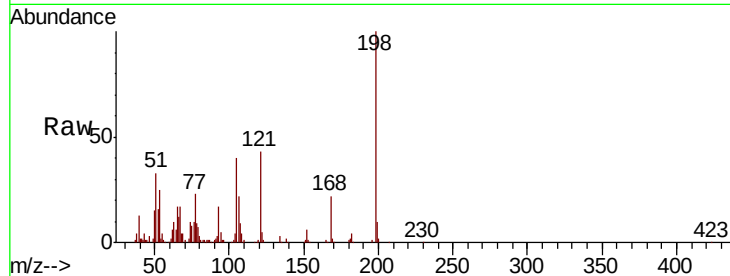
Tot Ion:198 Resp: 104284

Ion Ratio Lower Upper

198 100

51 33.1 10.0 50.0

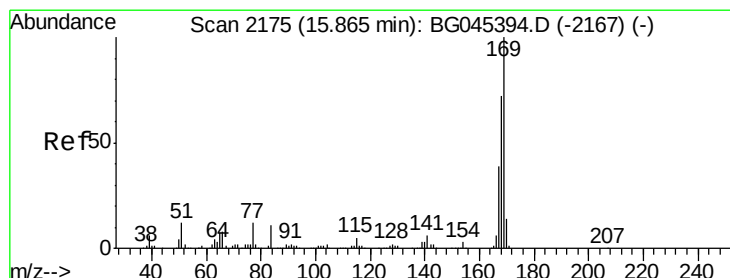
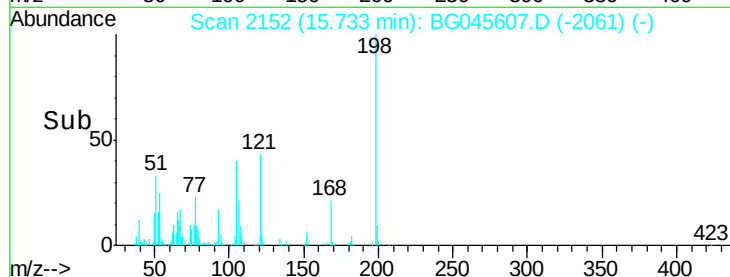
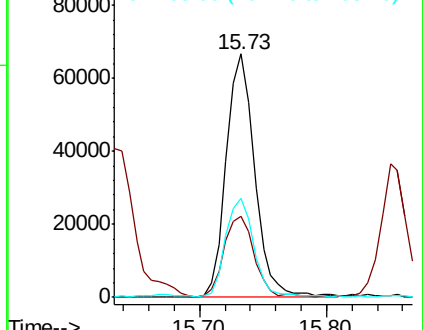
105 40.4 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.800 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

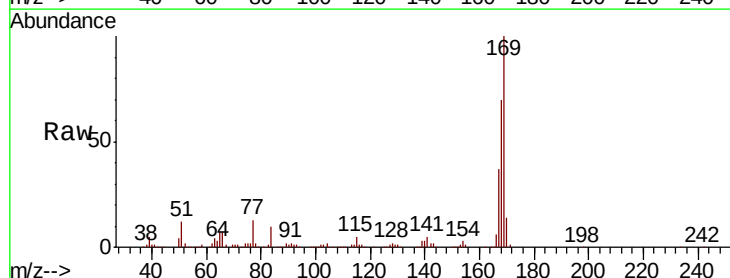
Tgt Ion:169 Resp: 445083

Ion Ratio Lower Upper

169 100

168 69.7 57.8 86.6

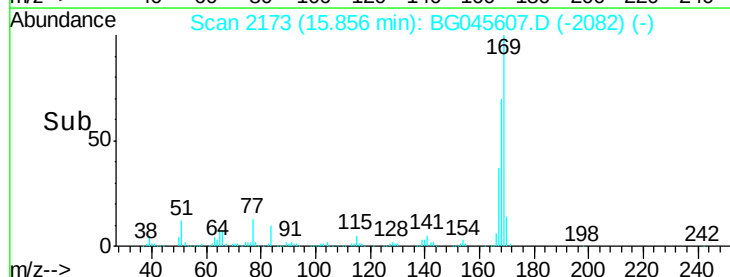
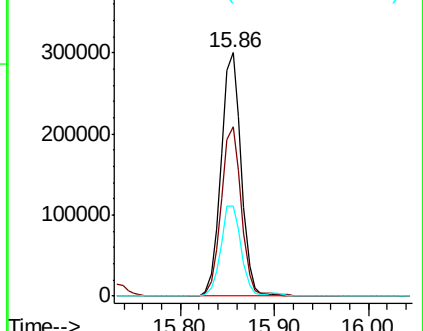
167 37.0 31.5 47.3

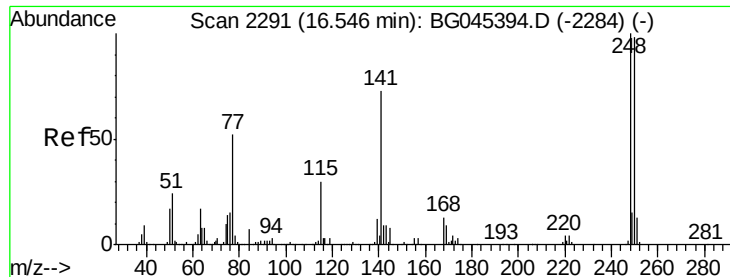


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

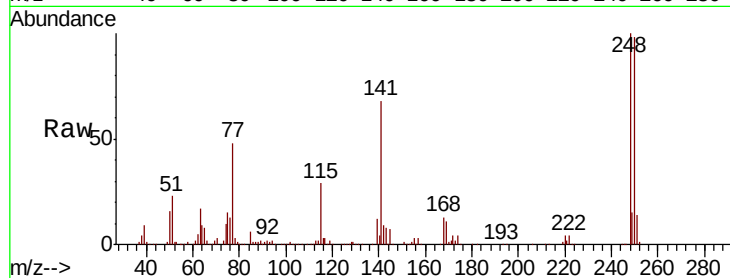




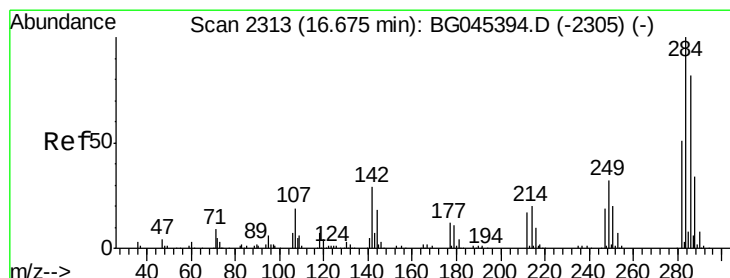
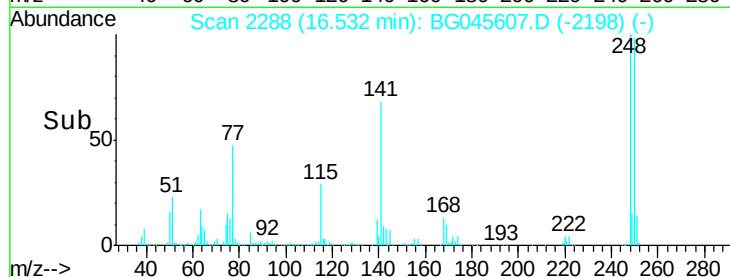
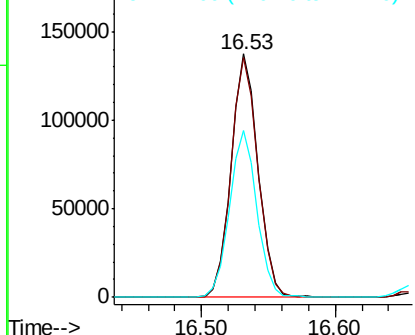
#67
4-Bromophenyl-phenylether
Concen: 44.162 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion:248 Resp: 193553
Ion Ratio Lower Upper
248 100
250 98.3 78.6 117.8
141 68.3 58.2 87.2

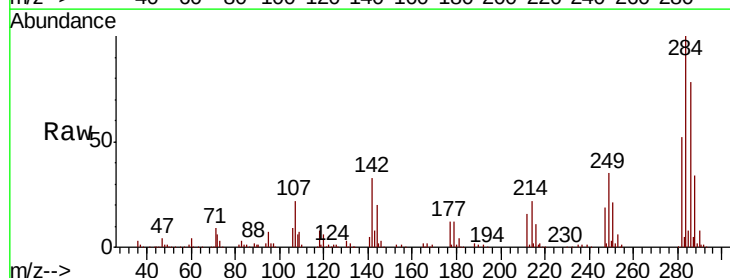


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

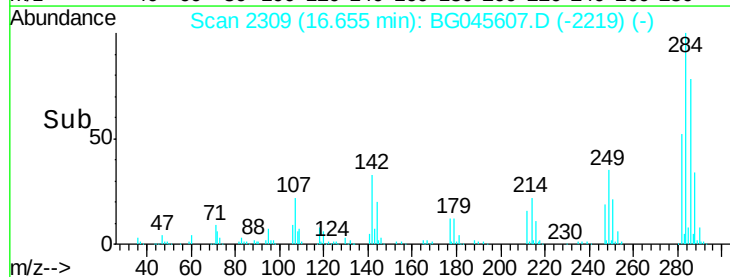
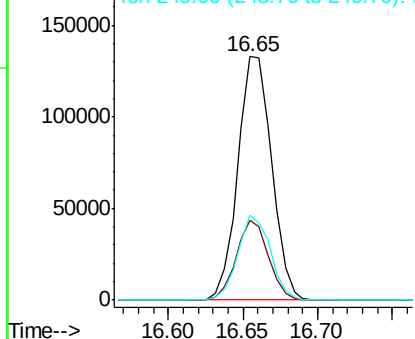


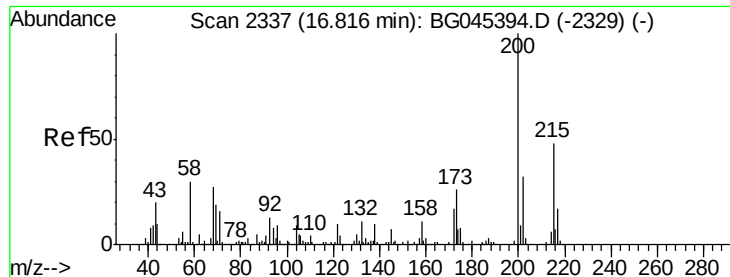
#68
Hexachlorobenzene
Concen: 45.601 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:284 Resp: 209034
Ion Ratio Lower Upper
284 100
142 32.7 23.0 34.6
249 34.9 25.8 38.6



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





#69

Atrazine

Concen: 43.220 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

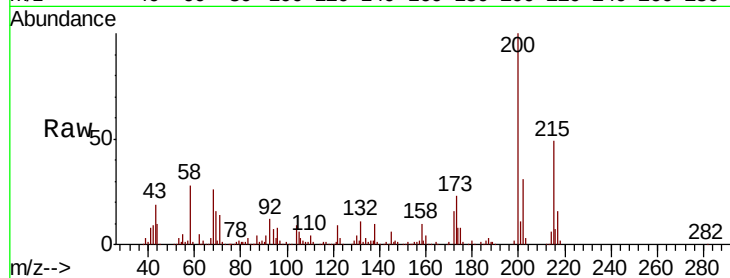
Tot Ion:200 Resp: 172999

Ion Ratio Lower Upper

200 100

173 23.5 5.5 45.5

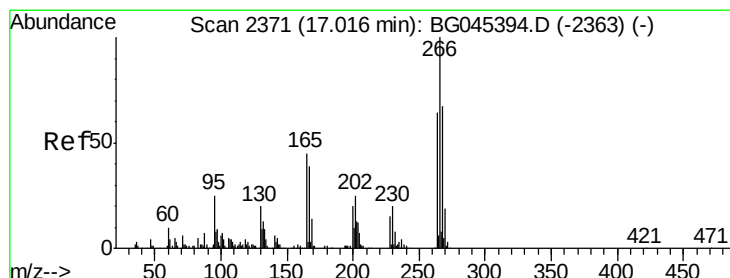
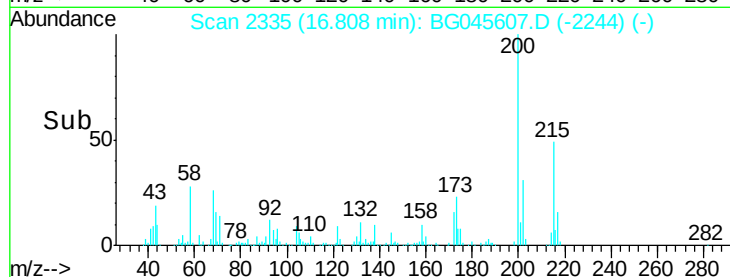
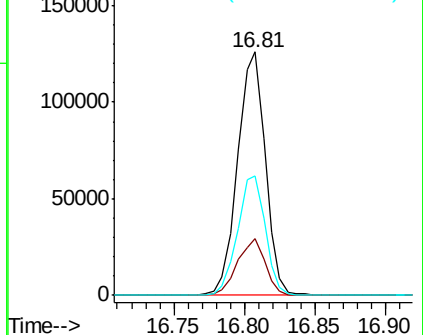
215 48.9 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.319 ng

RT: 17.01 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

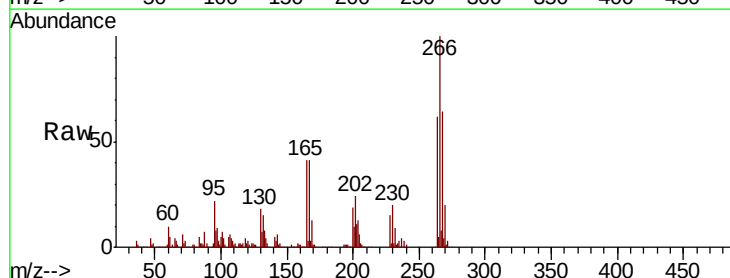
Tgt Ion:266 Resp: 210217

Ion Ratio Lower Upper

266 100

268 64.3 53.2 79.8

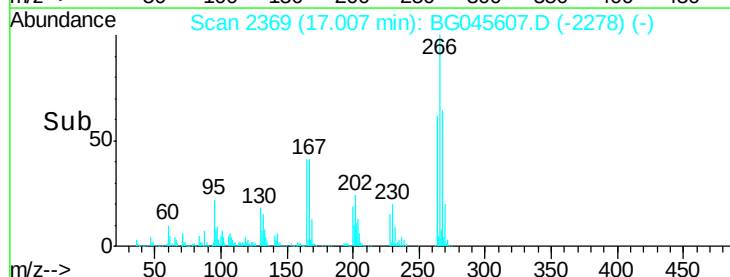
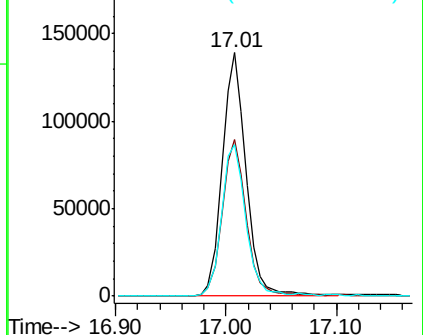
264 62.2 51.0 76.4

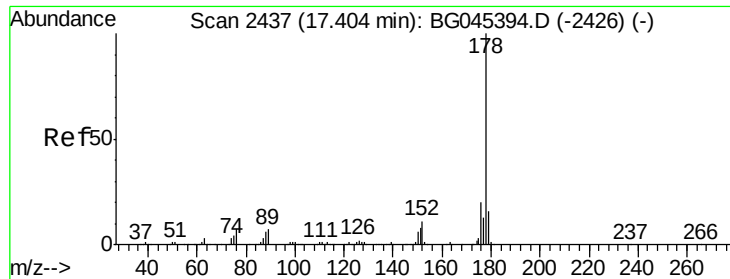


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

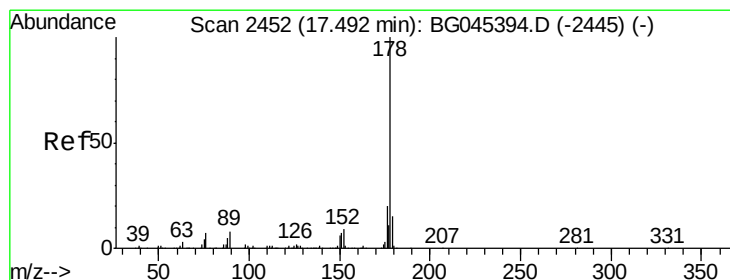
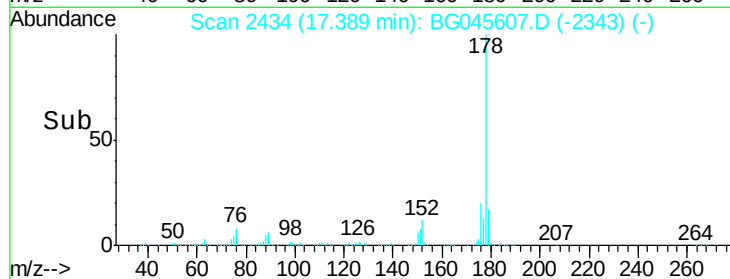
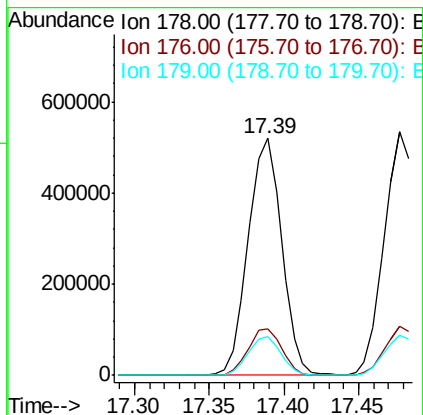
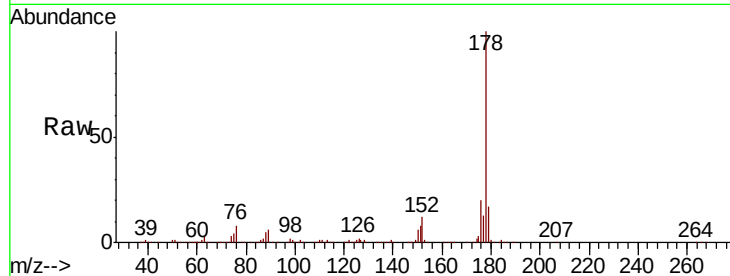




#71
Phenanthrene
Concen: 45.698 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

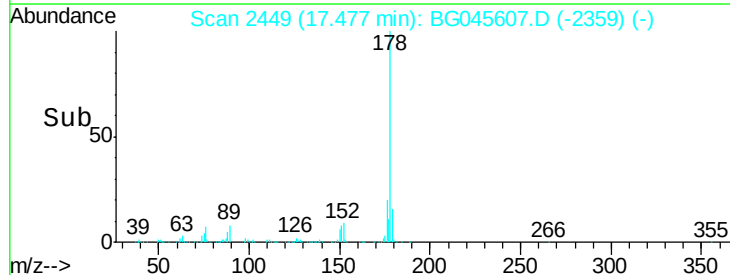
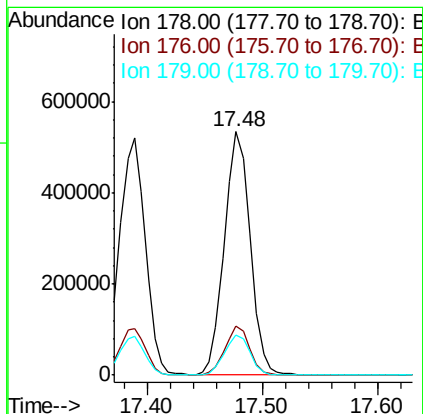
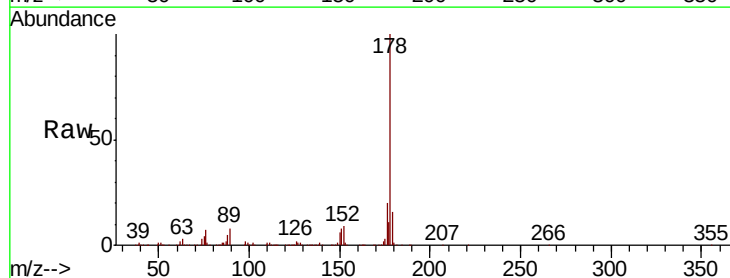
Instrument :
BNA_G
ClientSampleId :
PB129295BS

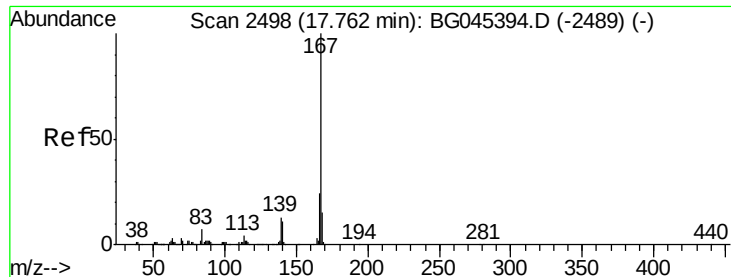
Tot Ion:178 Resp: 807471
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.6 13.1 19.7



#72
Anthracene
Concen: 46.540 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:178 Resp: 825825
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.4 12.2 18.4





#73

Carbazole

Concen: 43.286 ng

RT: 17.75 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

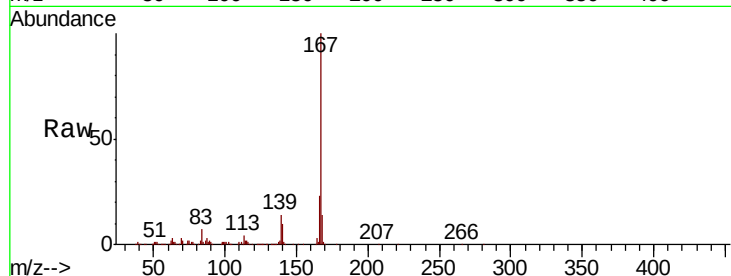
Tot Ion:167 Resp: 748690

Ion Ratio Lower Upper

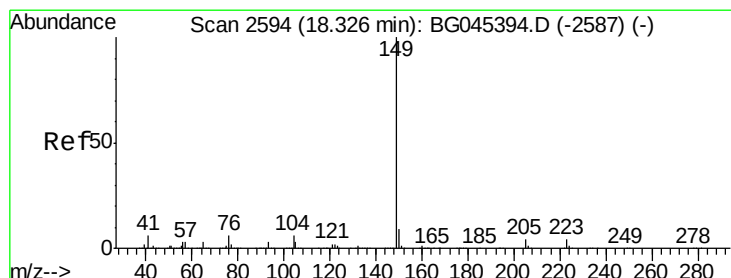
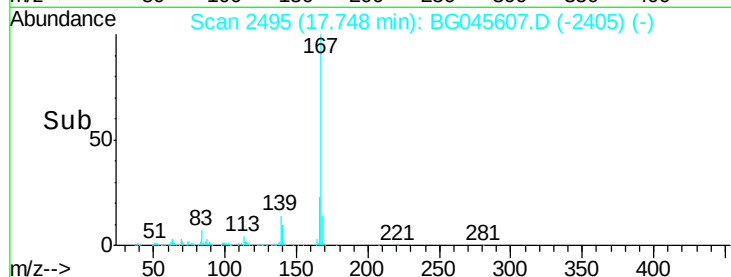
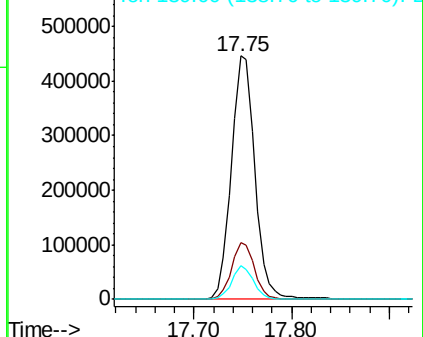
167 100

166 23.5 19.2 28.8

139 13.8 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.959 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

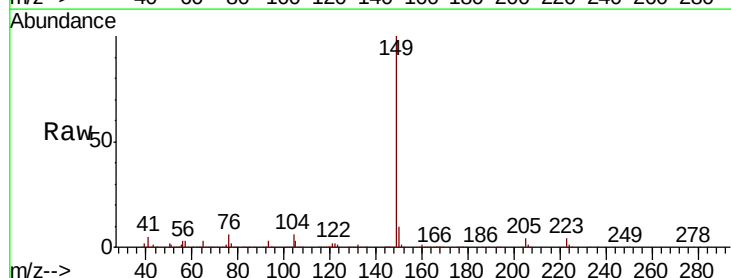
Tgt Ion:149 Resp: 912593

Ion Ratio Lower Upper

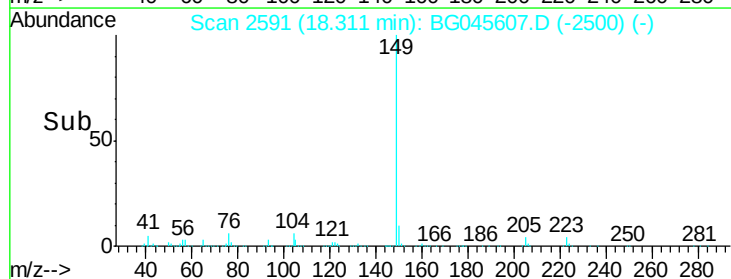
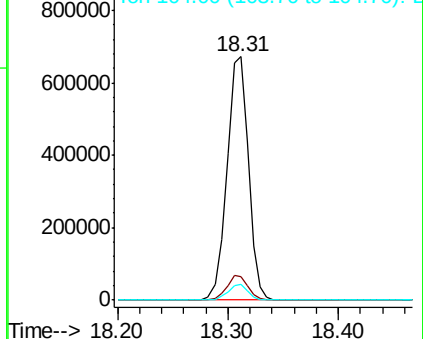
149 100

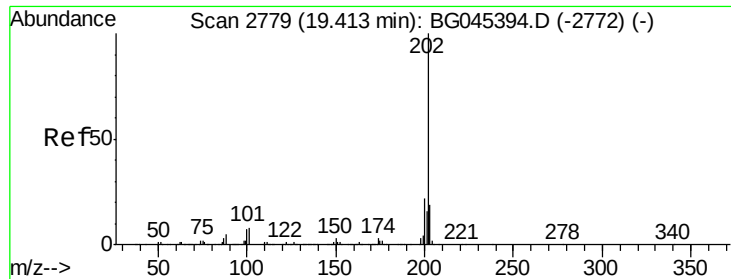
150 9.8 7.6 11.4

104 6.3 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.036 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

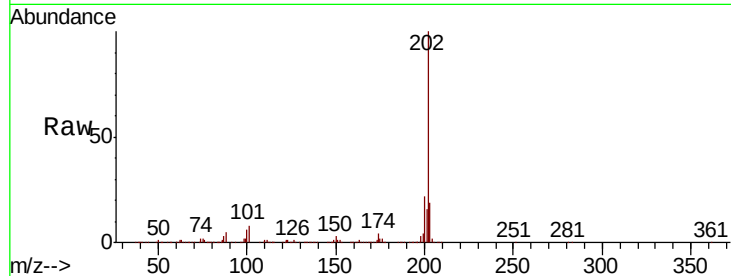
Tot Ion:202 Resp: 1012162

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.3

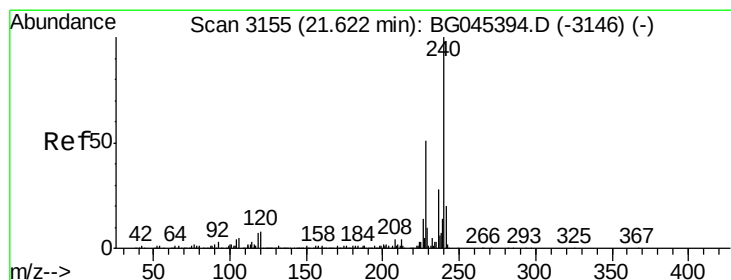
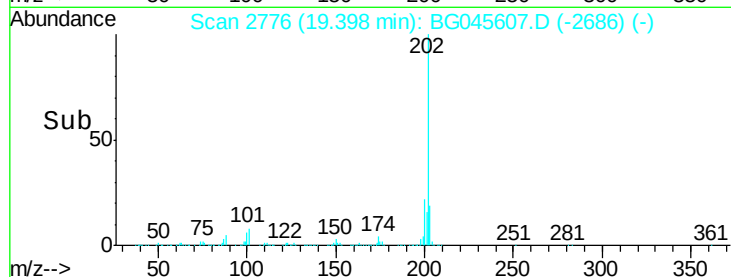
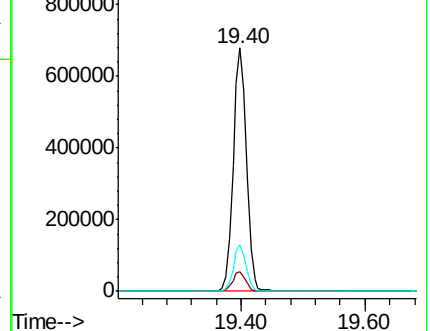
203 19.1 0.0 39.0



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: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

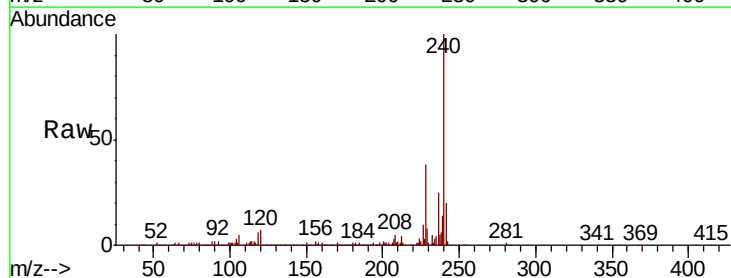
Tgt Ion:240 Resp: 369103

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

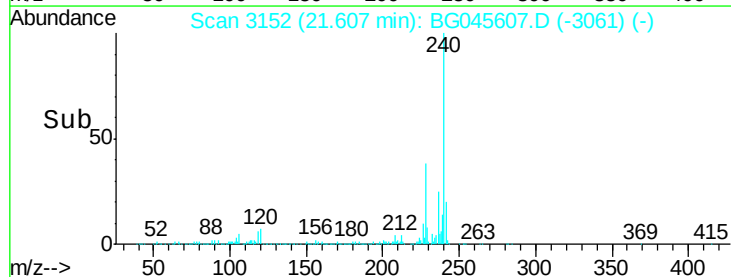
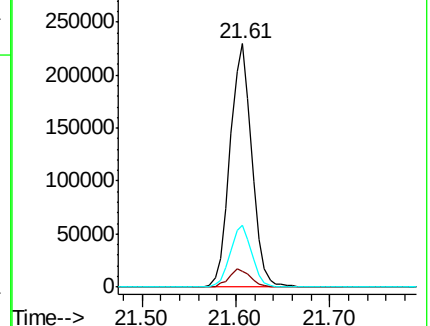
236 25.5 22.3 33.5

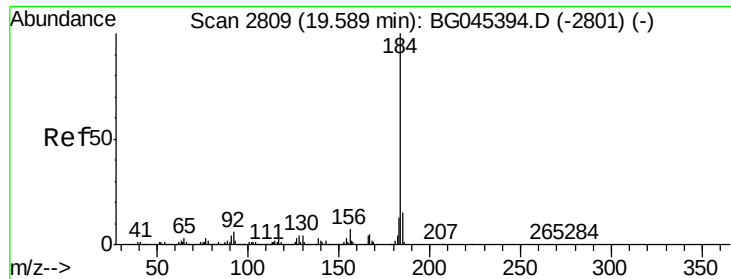


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.232 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

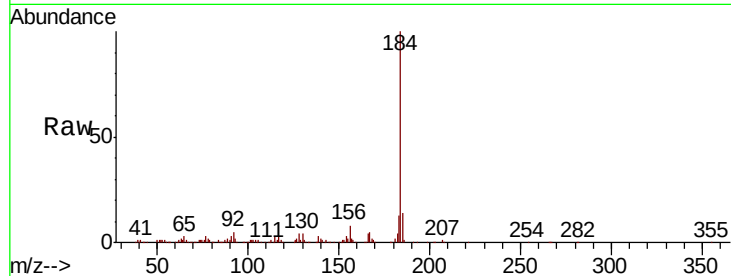
Tot Ion:184 Resp: 354863

Ion Ratio Lower Upper

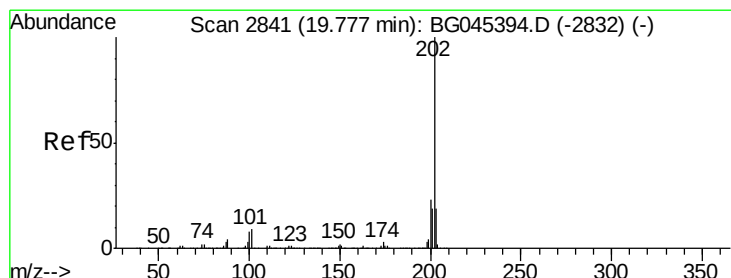
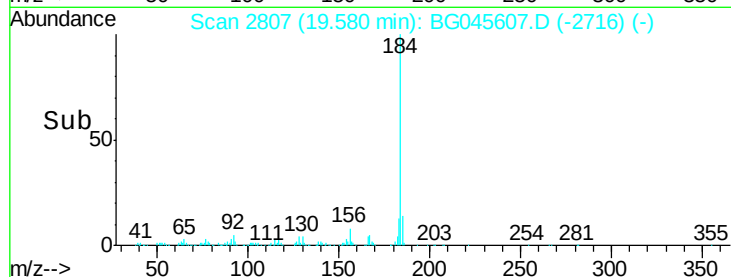
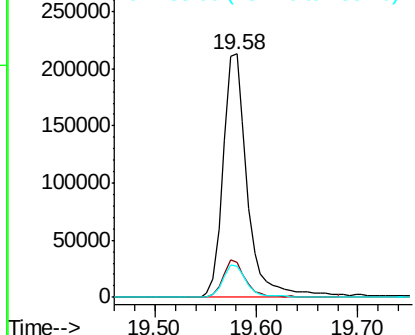
184 100

185 14.3 11.7 17.5

183 12.9 10.2 15.4



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: 47.272 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

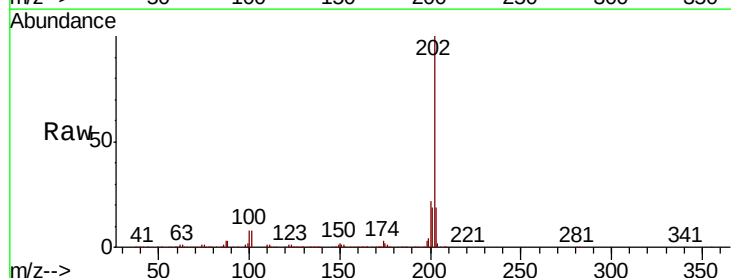
Tgt Ion:202 Resp: 994629

Ion Ratio Lower Upper

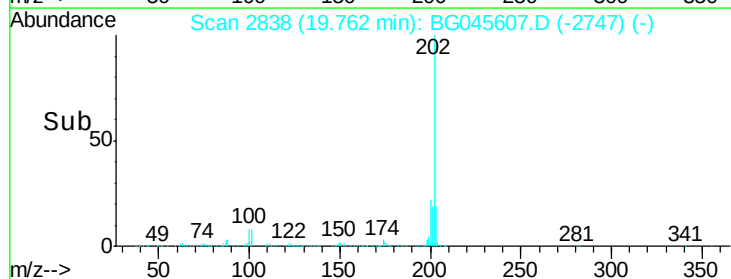
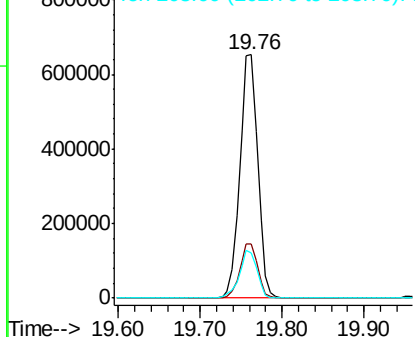
202 100

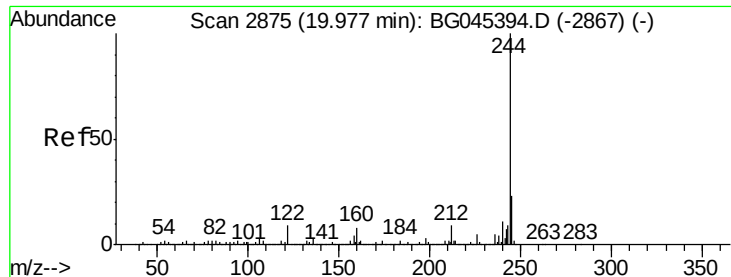
200 22.2 18.2 27.2

203 18.8 15.1 22.7



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: 96.305 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

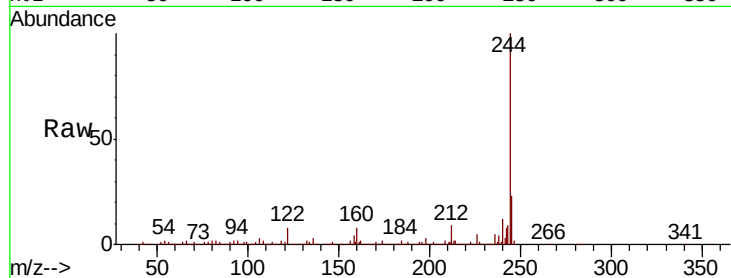
Tot Ion:244 Resp: 1524091

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

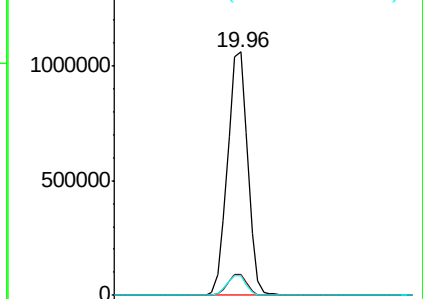
122 8.0 6.8 10.2



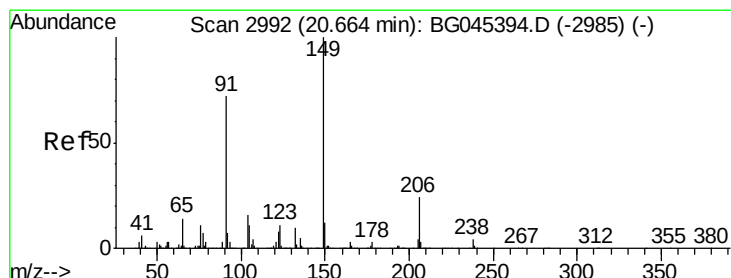
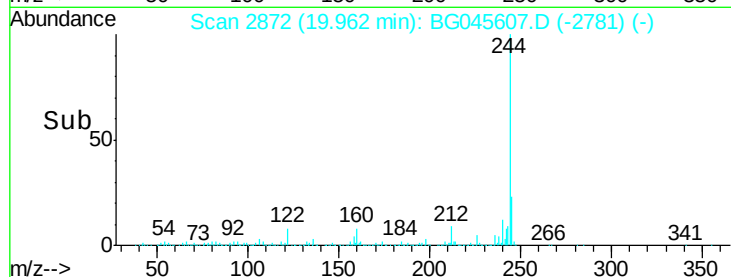
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 43.083 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

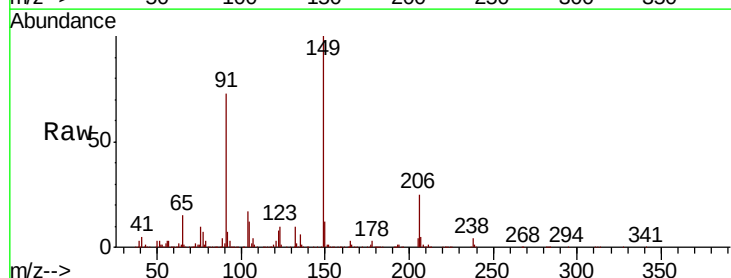
Tgt Ion:149 Resp: 391272

Ion Ratio Lower Upper

149 100

91 73.0 57.8 86.6

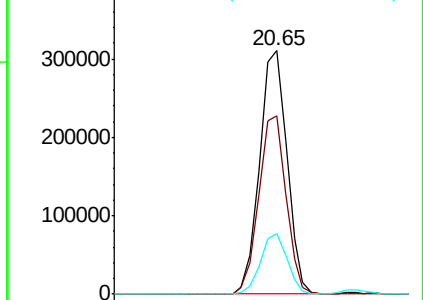
206 25.1 19.1 28.7



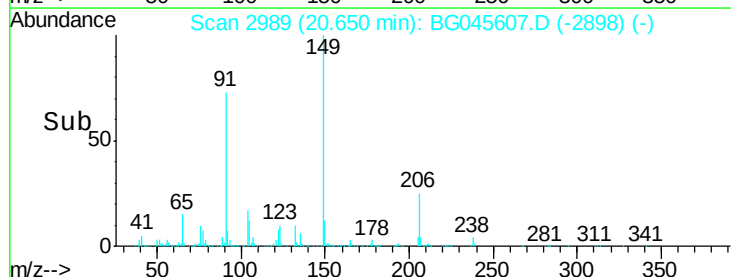
Abundance Ion 149.00 (148.70 to 149.70): E

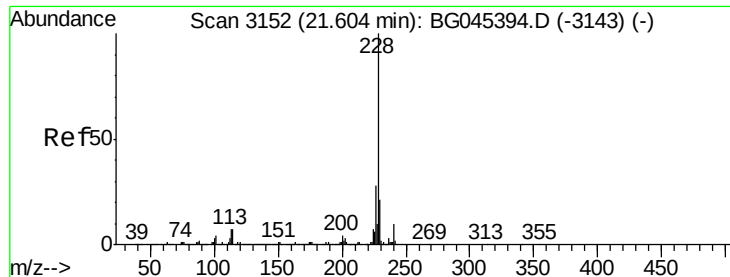
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->

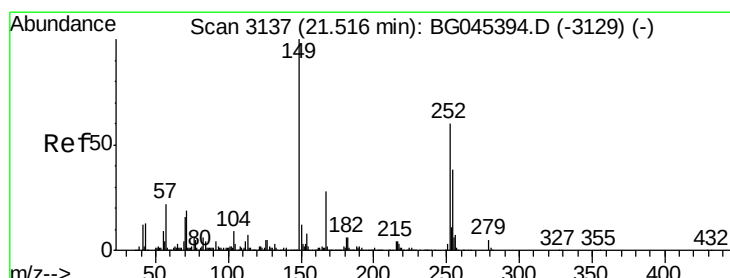
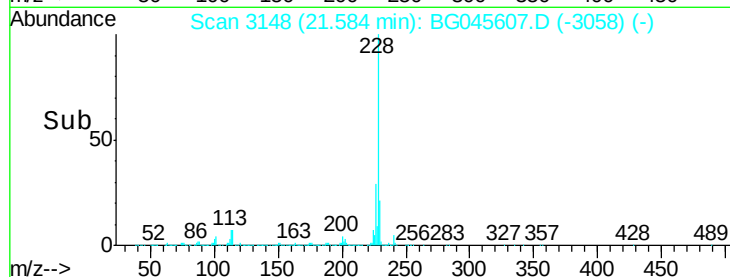
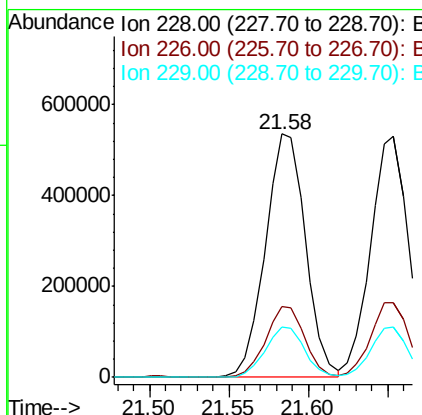
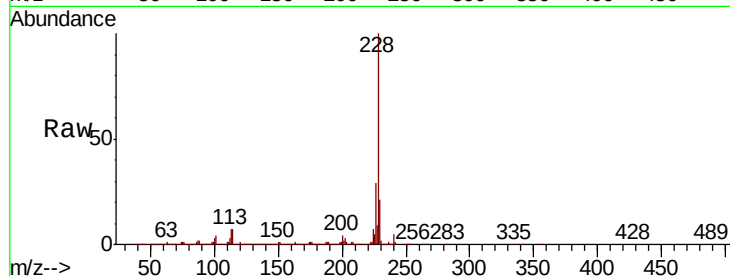




#81
Benzo(a)anthracene
Concen: 45.765 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

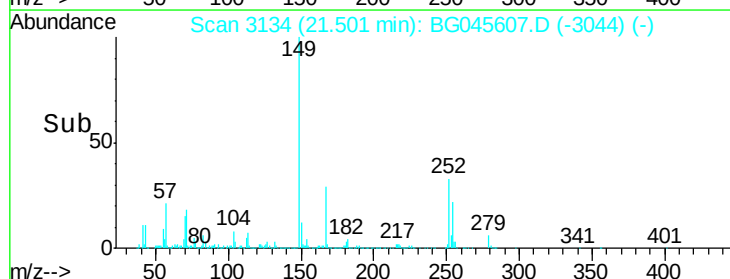
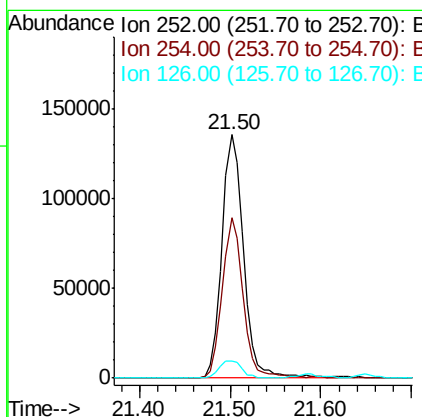
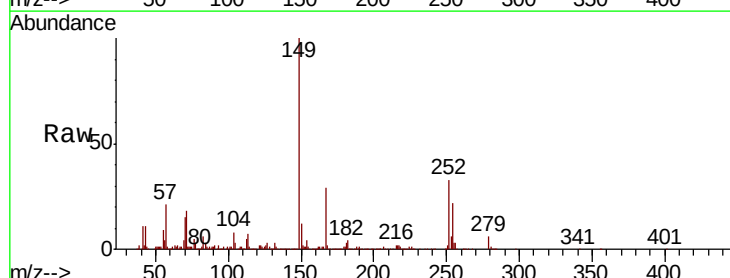
Instrument :
BNA_G
ClientSampleId :
PB129295BS

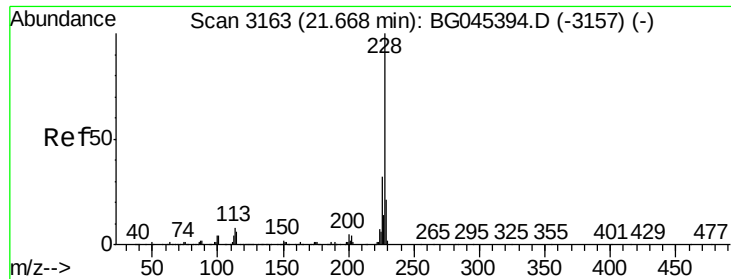
Tot Ion:228 Resp: 941001
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 20.7 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 27.834 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:252 Resp: 224498
Ion Ratio Lower Upper
252 100
254 65.9 51.3 76.9
126 6.8 6.6 10.0





#83

Chrysene

Concen: 44.872 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

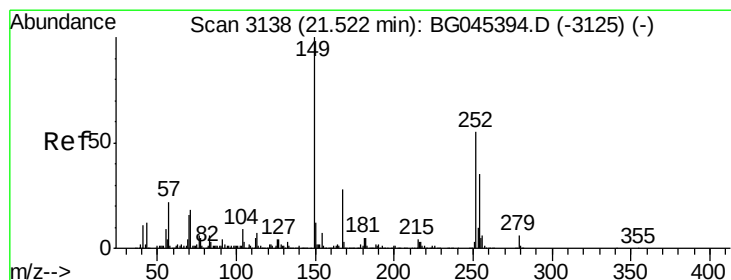
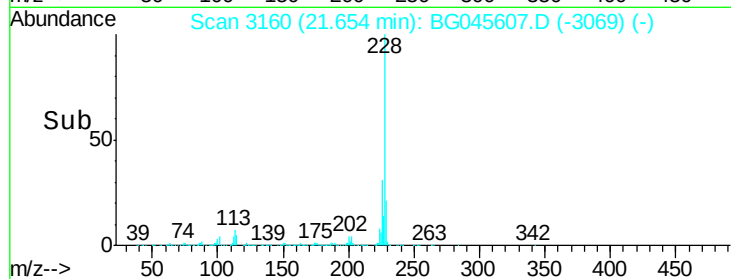
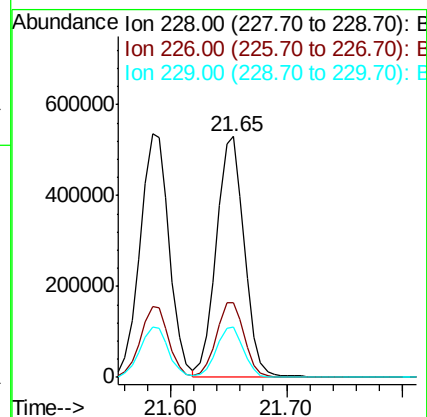
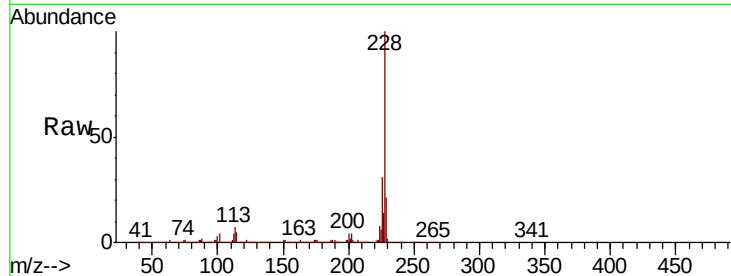
Tot Ion:228 Resp: 887151

Ion Ratio Lower Upper

228 100

226 31.1 25.2 37.8

229 20.8 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.273 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

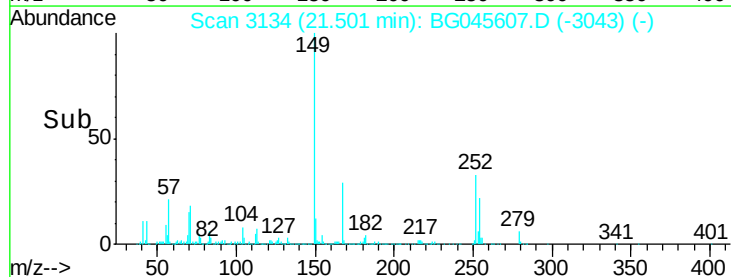
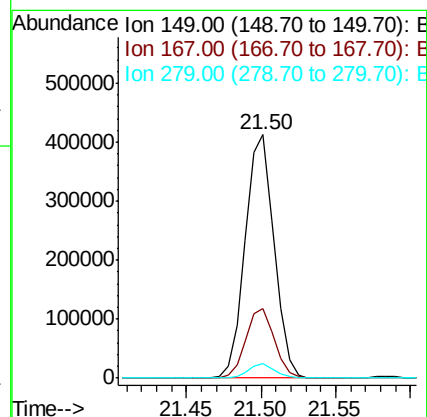
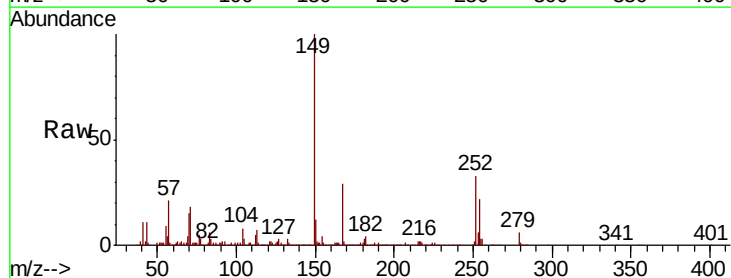
Tgt Ion:149 Resp: 552705

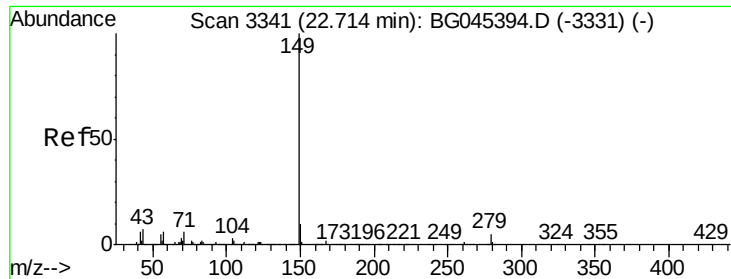
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

279 5.8 4.7 7.1

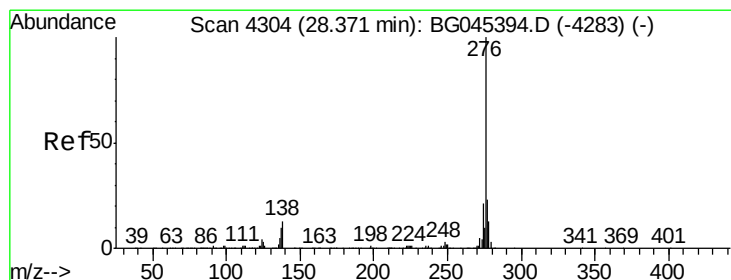
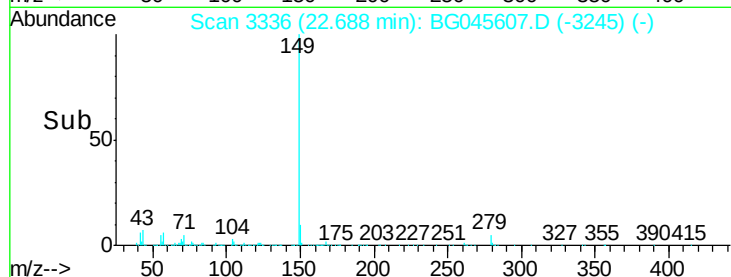
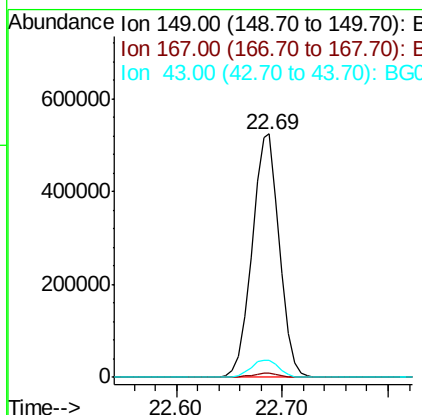
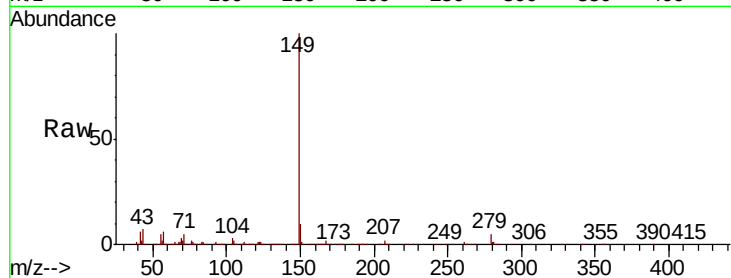




#85
Di-n-octyl phthalate
Concen: 43.766 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

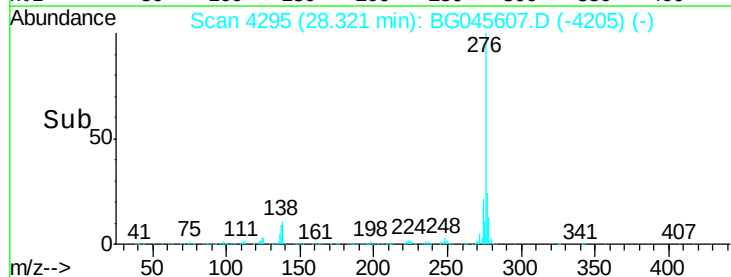
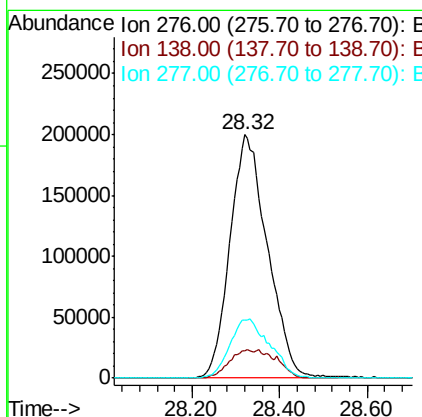
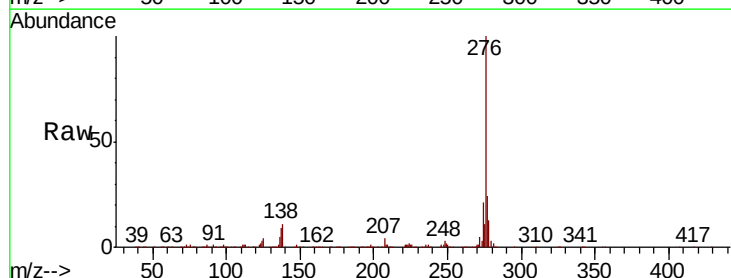
Instrument :
BNA_G
ClientSampleId :
PB129295BS

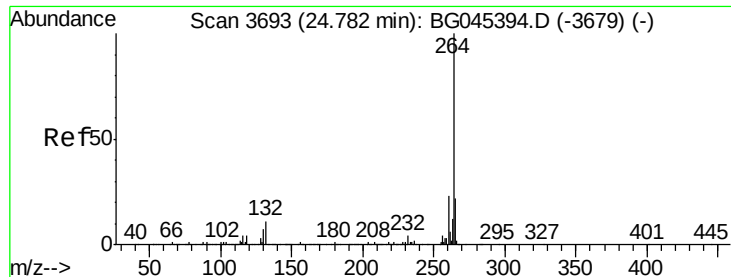
Tot Ion:149 Resp: 938409
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.2 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.891 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion:276 Resp: 1160591
Ion Ratio Lower Upper
276 100
138 14.5 8.6 12.8#
277 25.8 20.2 30.4

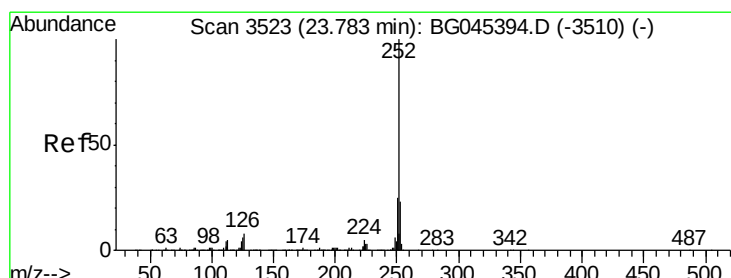
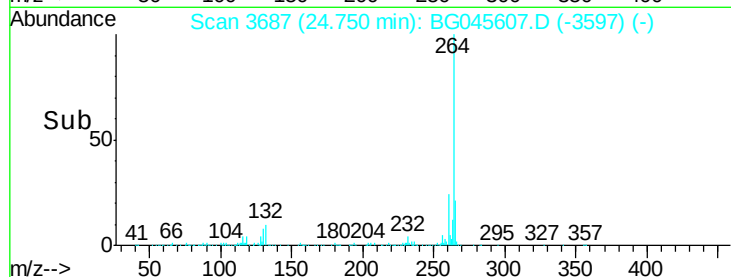
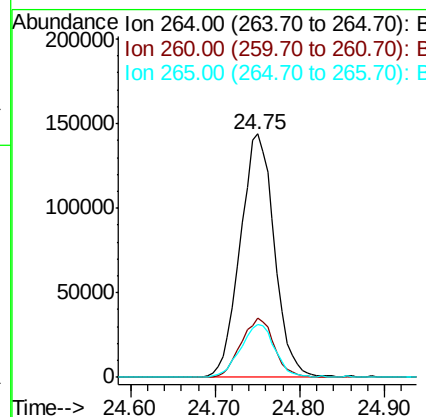
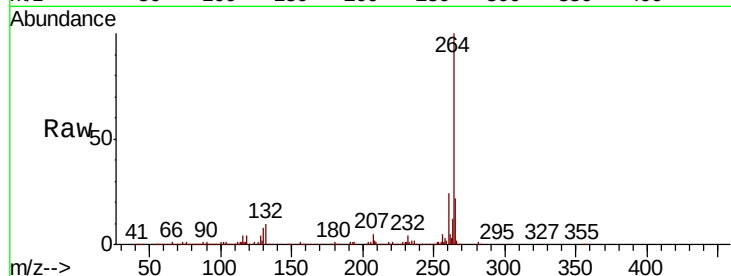




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

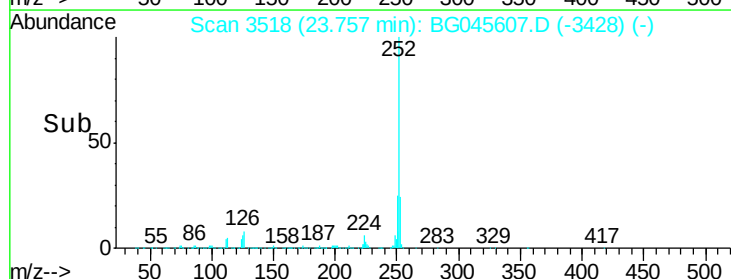
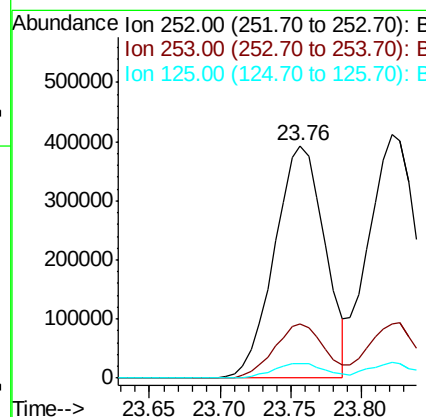
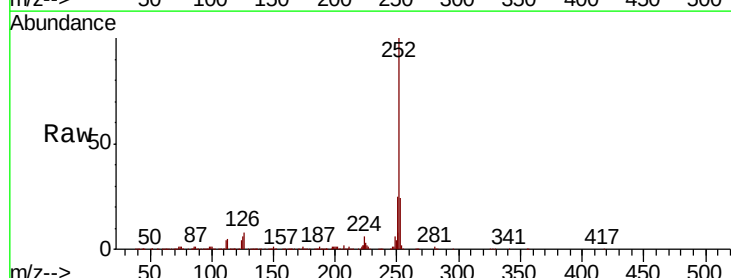
Instrument :
BNA_G
ClientSampleId :
PB129295BS

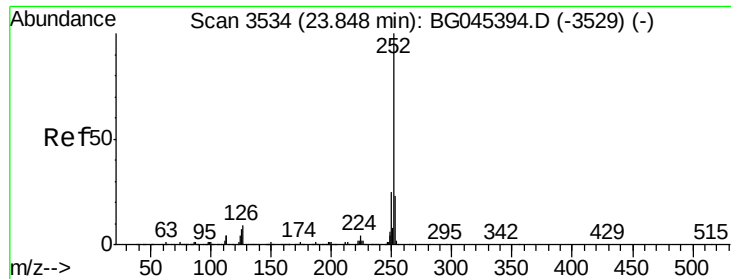
Tot	Ion:264	Resp:	403356
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.5	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 45.161 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt	Ion:252	Resp:	976939
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	6.1	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 48.650 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

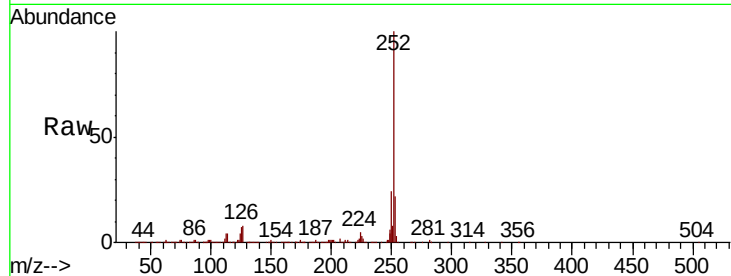
Tot Ion:252 Resp: 988727

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

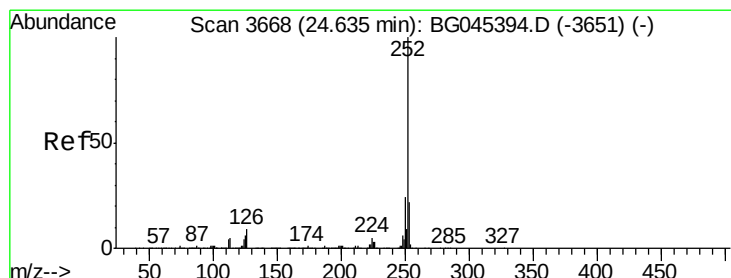
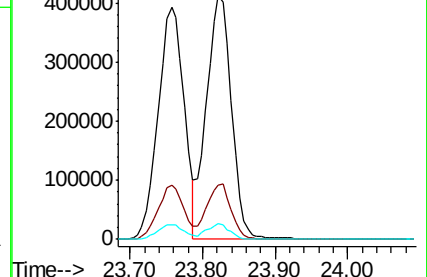
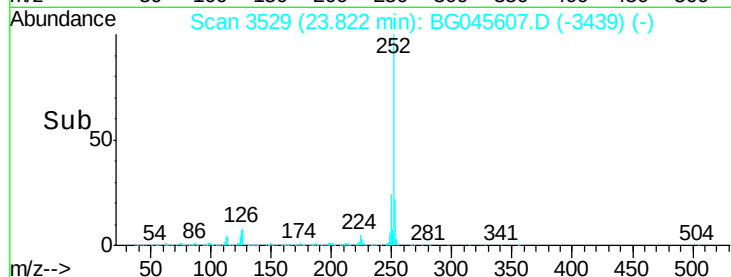
125 6.6 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.240 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

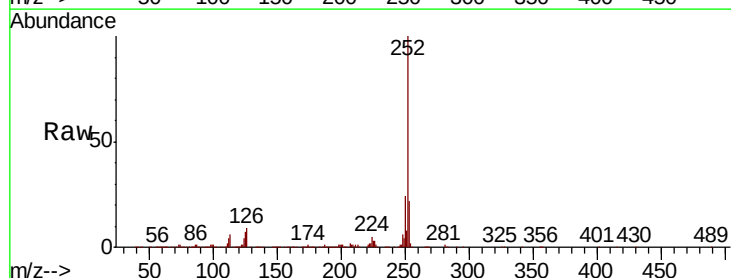
Tgt Ion:252 Resp: 911437

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

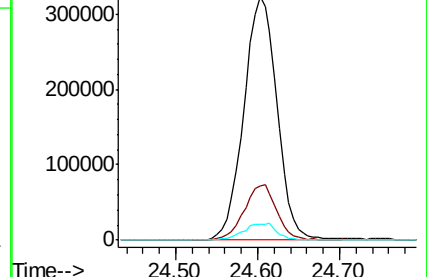
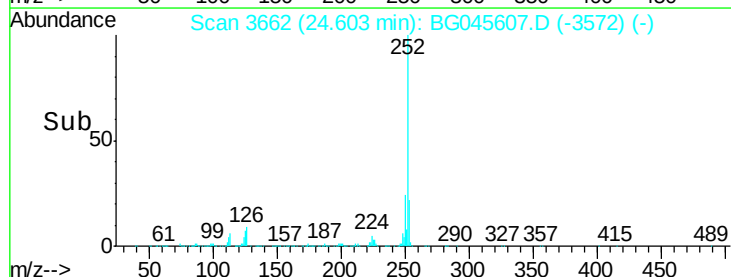
125 6.7 5.0 7.6

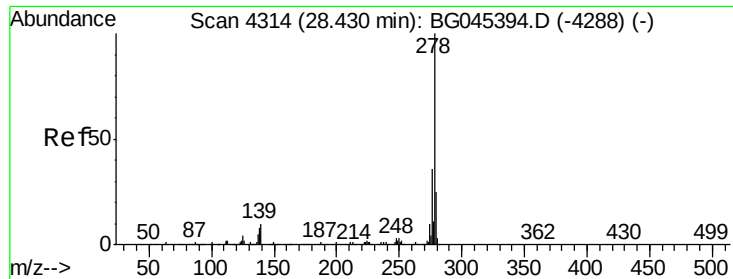


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

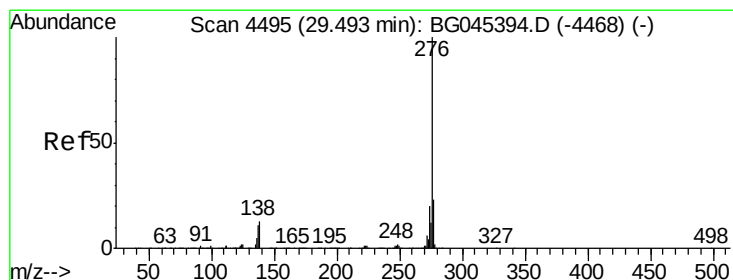
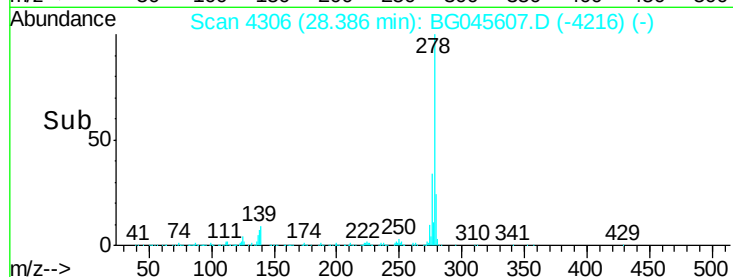
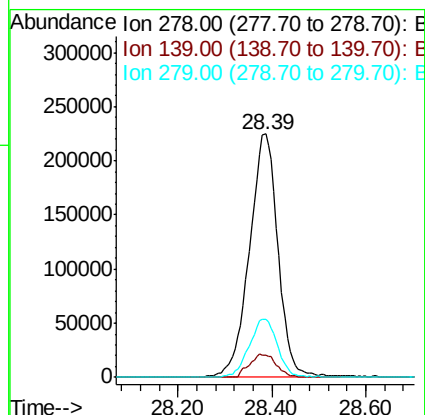
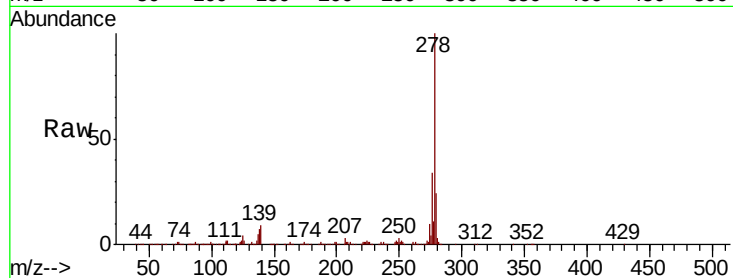




#91
 Dibenzo(a,h)anthracene
 Concen: 46.966 ng
 RT: 28.39 min Scan# 4306
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion:278 Resp: 950859
 Ion Ratio Lower Upper
 278 100
 139 9.2 7.8 11.8
 279 23.7 19.8 29.8



#92
 Benzo(g,h,i)perylene
 Concen: 47.614 ng
 RT: 29.44 min Scan# 4485
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion:276 Resp: 964102
 Ion Ratio Lower Upper
 276 100
 277 24.9 18.1 27.1
 138 12.1 10.2 15.4

