

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045617.D
 Acq On : 5 Jun 2020 15:17
 Operator : CG/JU
 Sample : PB129329BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

Quant Time: Jun 05 17:54:05 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	61603	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	235965	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	162619	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	384949	20.00	ng	0.00
76) Chrysene-d12	21.60	240	383598	20.00	ng	0.00
87) Perylene-d12	24.75	264	414559	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	470584	149.29	ng	0.00
7) Phenol-d6	7.15	99	644992	143.76	ng	0.00
23) Nitrobenzene-d5	9.12	82	412112	95.24	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	295440	142.06	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	915121	95.45	ng	0.00
79) Terphenyl-d14	19.96	244	1596751	97.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	65214	41.720	ng	96
3) Pyridine	3.81	79	152067	34.930	ng	96
4) n-Nitrosodimethylamine	3.72	42	68426	48.033	ng	89
6) Aniline	7.28	93	208828	35.656	ng	95
8) 2-Chlorophenol	7.52	128	171275	49.548	ng	99
9) Benzaldehyde	7.08	77	107962	36.934	ng	93
10) Phenol	7.17	94	226120	48.902	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	161707	44.835	ng	99
12) 1,3-Dichlorobenzene	7.84	146	185865	44.743	ng	96
13) 1,4-Dichlorobenzene	7.99	146	189784	46.295	ng	97
14) 1,2-Dichlorobenzene	8.31	146	177509	45.020	ng	95
15) Benzyl Alcohol	8.20	79	177450	47.878	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	150302	43.902	ng	99
17) 2-Methylphenol	8.42	107	151172	43.679	ng	94
18) Hexachloroethane	9.03	117	71569	45.583	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	141418	45.582	ng	99
20) 3+4-Methylphenols	8.75	107	203696	43.220	ng	# 91
22) Acetophenone	8.78	105	253435	45.316	ng	98
24) Nitrobenzene	9.16	77	213740	46.104	ng	99
25) Isophorone	9.68	82	381985	44.825	ng	98
26) 2-Nitrophenol	9.87	139	96402	48.609	ng	93
27) 2,4-Dimethylphenol	9.94	122	159181	54.116	ng	95
28) bis(2-Chloroethoxy)methane	10.16	93	211026	47.219	ng	99
29) 2,4-Dichlorophenol	10.42	162	172757	49.736	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	190085	46.312	ng	98
31) Naphthalene	10.81	128	513481	46.698	ng	99
32) Benzoic acid	10.11	122	97728	48.673	ng	95
33) 4-Chloroaniline	10.92	127	132906	28.916	ng	96
34) Hexachlorobutadiene	11.10	225	132058	45.517	ng	96
35) Caprolactam	11.69	113	59517	46.682	ng	82
36) 4-Chloro-3-methylphenol	12.07	107	194187	49.613	ng	97
37) 2-Methylnaphthalene	12.42	142	383262	46.764	ng	99
38) 1-Methylnaphthalene	12.42	142	383262	49.506	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	220155	48.469	ng	99

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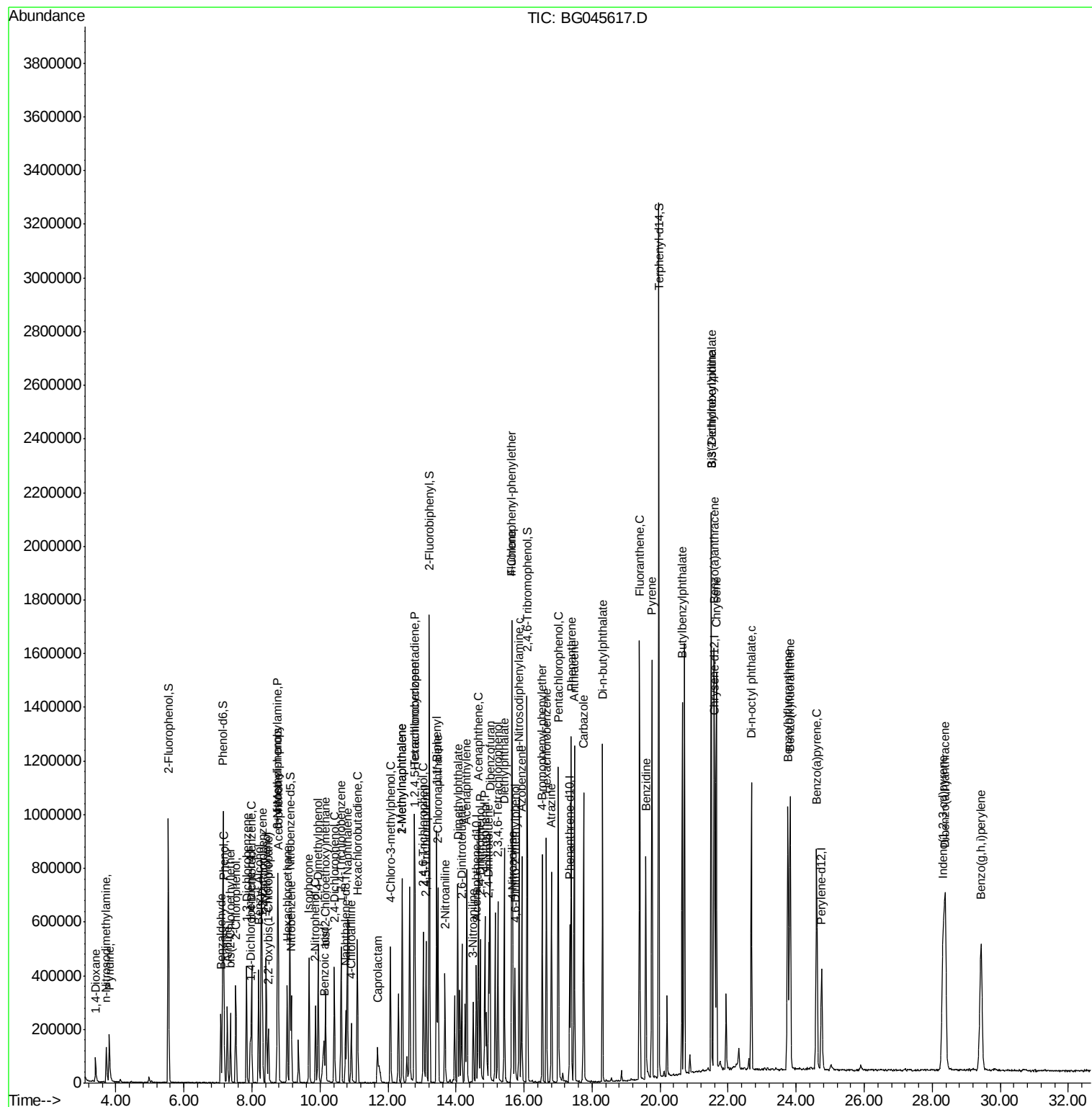
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	249282	95.085	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	151791	48.107	ng	96
44) 2,4,5-Trichlorophenol	13.12	196	160831	44.605	ng	97
46) 1,1'-Biphenyl	13.43	154	486837	48.722	ng	98
47) 2-Chloronaphthalene	13.47	162	367100	45.243	ng	100
48) 2-Nitroaniline	13.67	65	124206	46.535	ng	94
49) Acenaphthylene	14.31	152	614387	47.140	ng	99
50) Dimethylphthalate	14.05	163	502885	45.079	ng	98
51) 2,6-Dinitrotoluene	14.17	165	112912	44.855	ng	98
52) Acenaphthene	14.66	154	362445	41.545	ng	98
53) 3-Nitroaniline	14.50	138	82495	32.238	ng	100
54) 2,4-Dinitrophenol	14.71	184	139627	84.356	ng	97
55) Dibenzofuran	15.00	168	595090	45.933	ng	97
56) 4-Nitrophenol	14.85	139	178721	92.251	ng	91
57) 2,4-Dinitrotoluene	14.96	165	162833	44.665	ng	99
58) Fluorene	15.65	166	494904	46.498	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	150574	47.467	ng	99
60) Diethylphthalate	15.42	149	520954	44.867	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	270862	44.472	ng	98
62) 4-Nitroaniline	15.67	138	119947	44.901	ng	96
63) Azobenzene	15.93	77	501696	46.339	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	109861	49.003	ng	92
66) n-Nitrosodiphenylamine	15.85	169	439986	47.604	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	188814	45.297	ng	97
68) Hexachlorobenzene	16.66	284	204331	46.867	ng	99
69) Atrazine	16.81	200	170166	44.699	ng	98
70) Pentachlorophenol	17.01	266	232319	102.625	ng	97
71) Phenanthrene	17.39	178	804513	47.873	ng	99
72) Anthracene	17.48	178	821378	48.671	ng	98
73) Carbazole	17.75	167	771376	46.891	ng	99
74) Di-n-butylphthalate	18.31	149	915039	46.344	ng	100
75) Fluoranthene	19.40	202	1031386	48.252	ng	99
77) Benzidine	19.58	184	552546	51.287	ng	99
78) Pyrene	19.76	202	1030239	47.115	ng	100
80) Butylbenzylphthalate	20.65	149	431135	45.679	ng	98
81) Benzo(a)anthracene	21.59	228	1015910	47.541	ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	283272	33.794	ng	97
83) Chrysene	21.65	228	962086	46.823	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	600099	46.253	ng	99
85) Di-n-octyl phthalate	22.69	149	987484	44.315	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1226159	45.635	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	1031124	46.377	ng	99
89) Benzo(k)fluoranthene	23.82	252	1046560	50.104	ng	99
90) Benzo(a)pyrene	24.60	252	963783	46.545	ng	99
91) Dibenzo(a,h)anthracene	28.38	278	1006271	48.360	ng	99
92) Benzo(g,h,i)perylene	29.44	276	1008218	48.447	ng	95

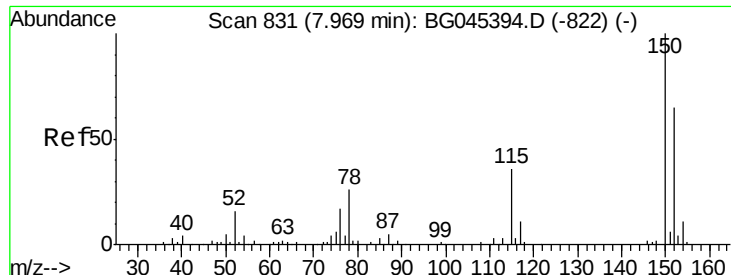
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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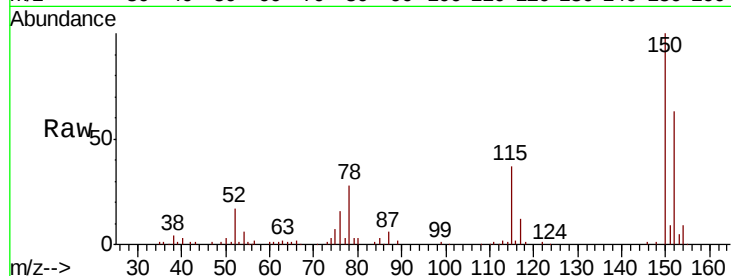


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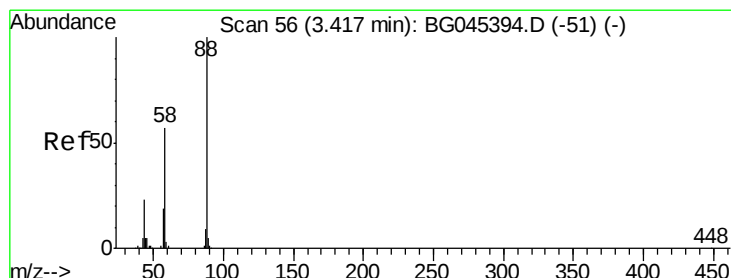
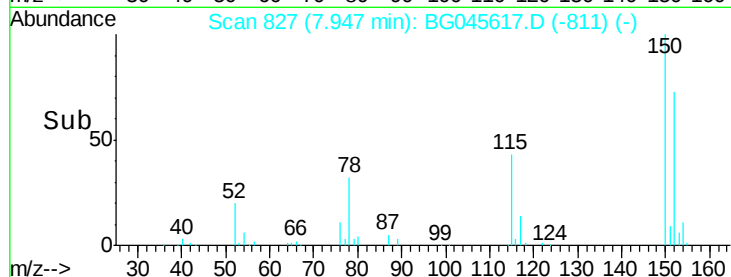
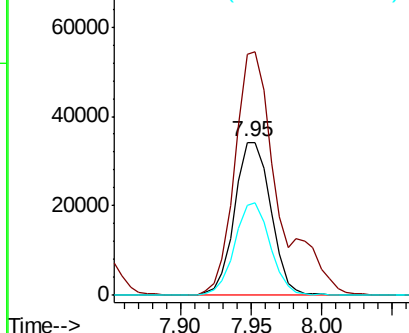
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion:152 Resp: 61603
Ion Ratio Lower Upper
152 100
150 158.0 122.4 183.6
115 58.8 44.2 66.4



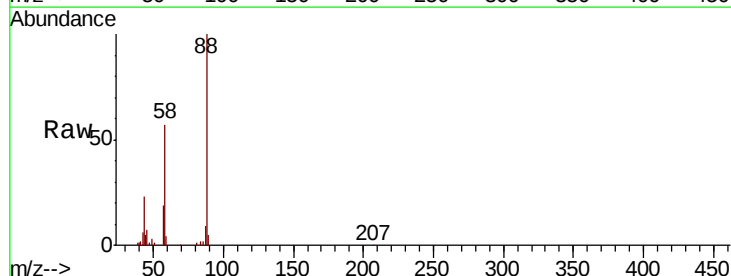
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



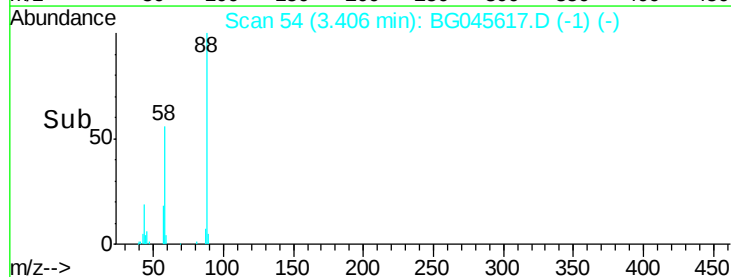
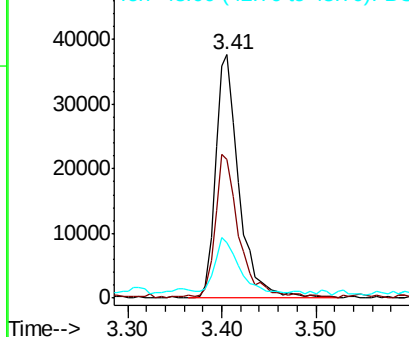
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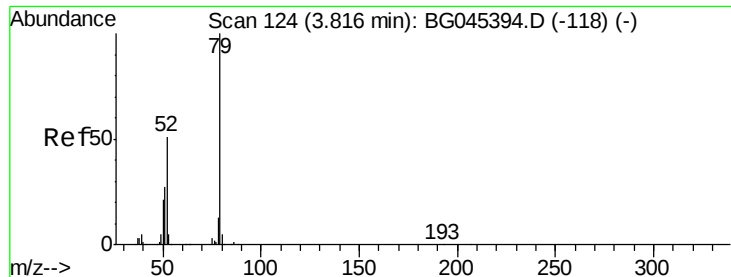
1,4-Dioxane
Concen: 41.720 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion: 88 Resp: 65214
Ion Ratio Lower Upper
88 100
58 58.7 45.7 68.5
43 24.4 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC

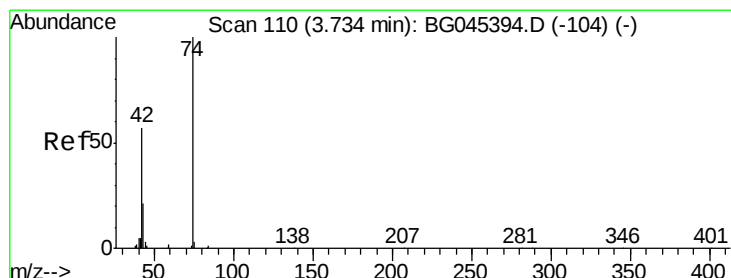
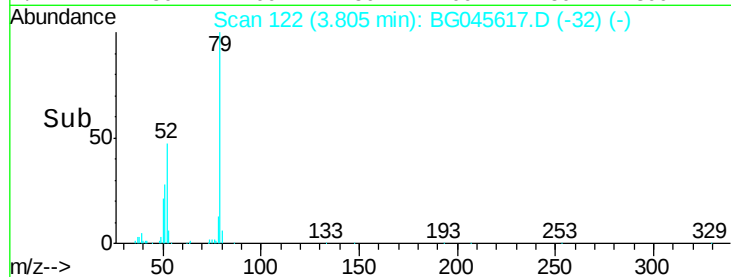
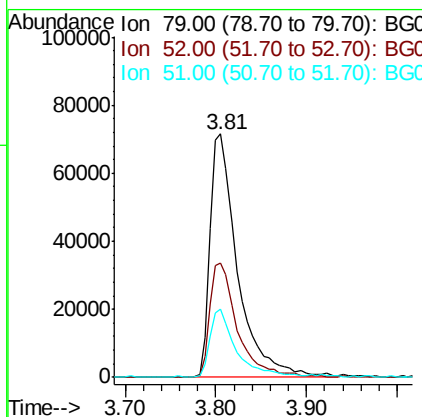
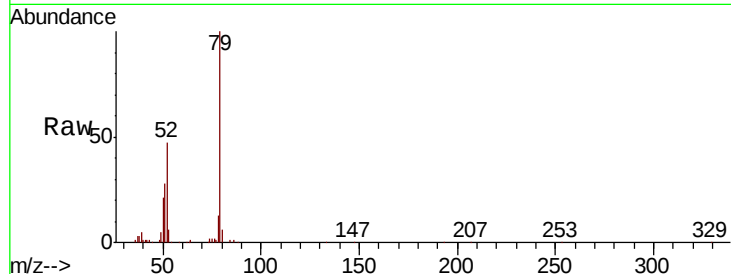




#3
 Pvridine
 Concen: 34.930 ng
 RT: 3.81 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

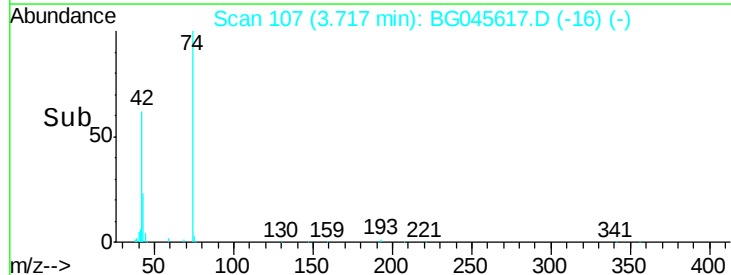
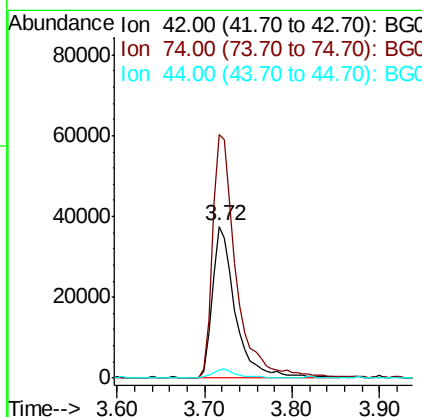
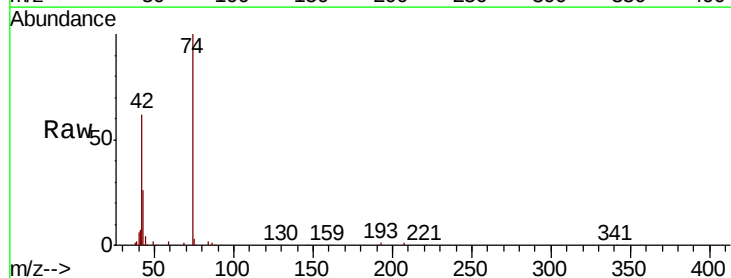
Instrument :
 BNA_G
 ClientSampleId :
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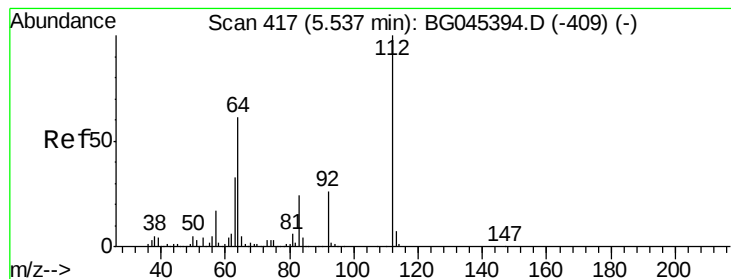
Tot Ion	79	Resp	152067
Ion	Ratio	Lower	Upper
79	100		
52	46.8	40.8	61.2
51	28.2	21.9	32.9



#4
 n-Nitrosodimethylamine
 Concen: 48.033 ng
 RT: 3.72 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion	42	Resp	68426
Ion	Ratio	Lower	Upper
42	100		
74	160.5	141.3	211.9
44	5.6	4.2	6.4





#5

2-Fluorophenol

Concen: 149.288 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

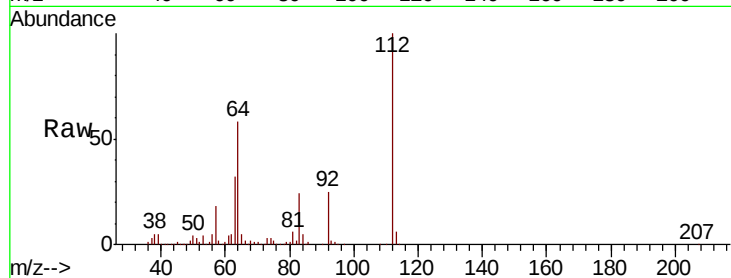
Tot Ion:112 Resp: 470584

Ion Ratio Lower Upper

112 100

64 57.8 48.6 72.8

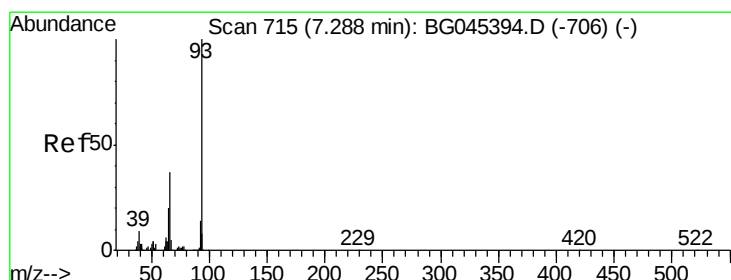
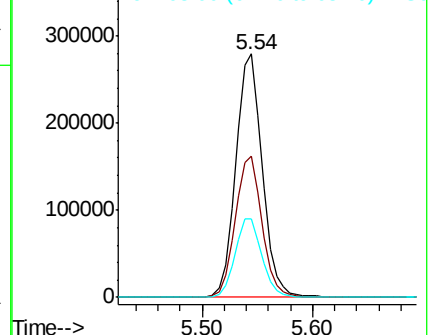
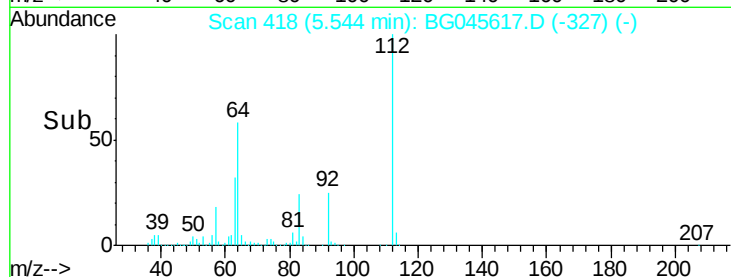
63 32.4 26.5 39.7



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: 35.656 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

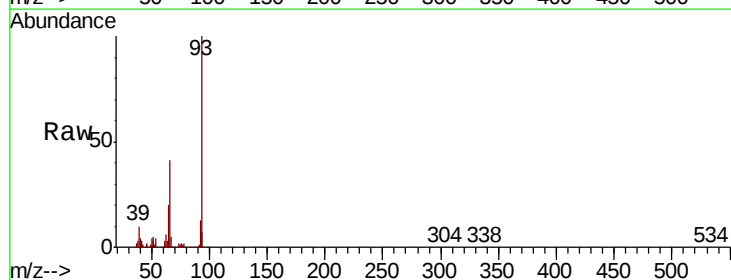
Tgt Ion: 93 Resp: 208828

Ion Ratio Lower Upper

93 100

66 40.9 29.6 44.4

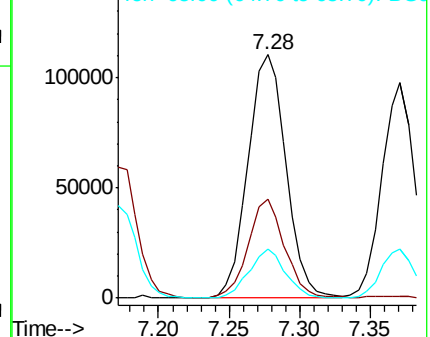
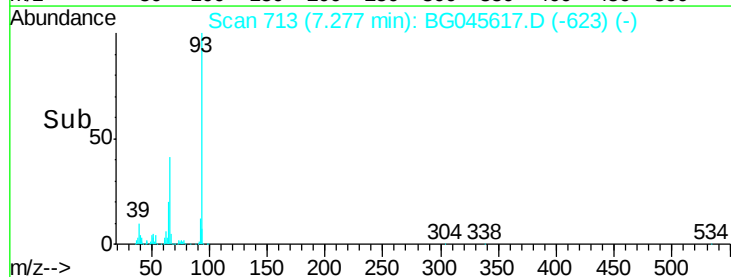
65 20.3 15.9 23.9

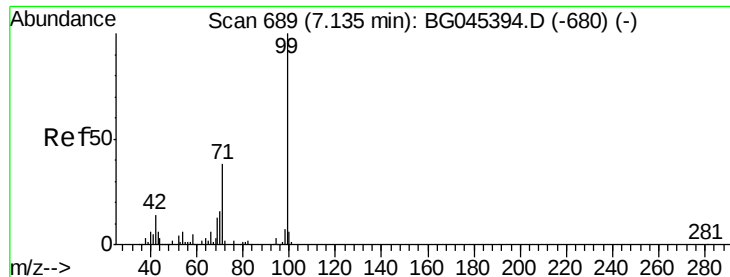


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.763 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045617.D

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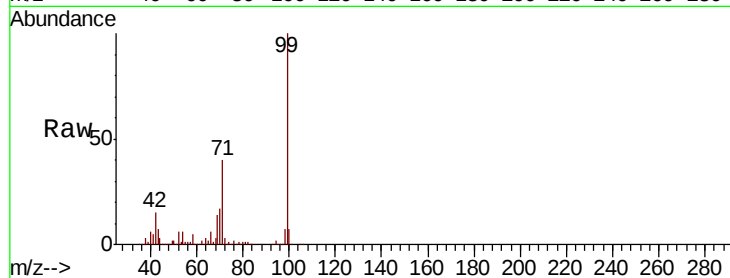
Tot Ion: 99 Resp: 644992

Ion Ratio Lower Upper

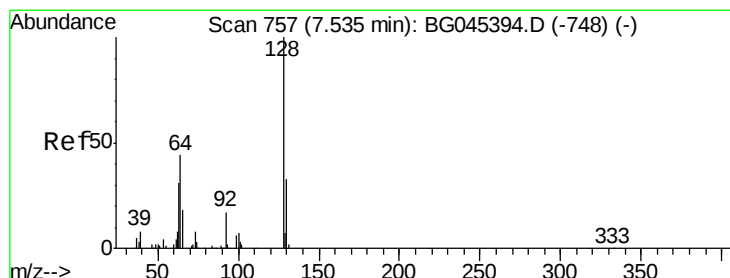
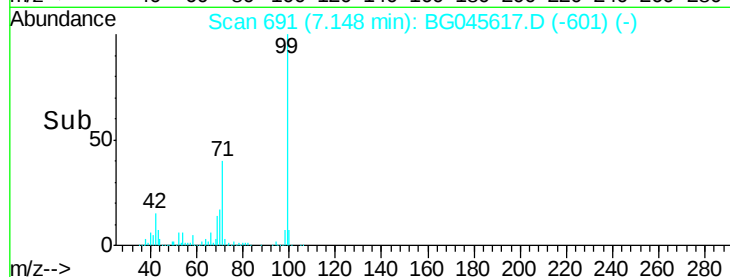
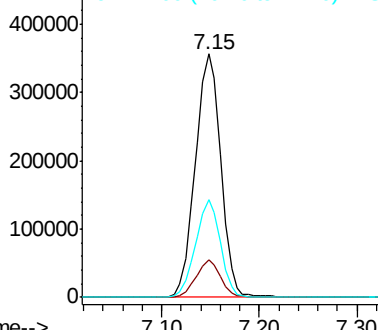
99 100

42 15.3 11.3 16.9

71 39.9 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: 49.548 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

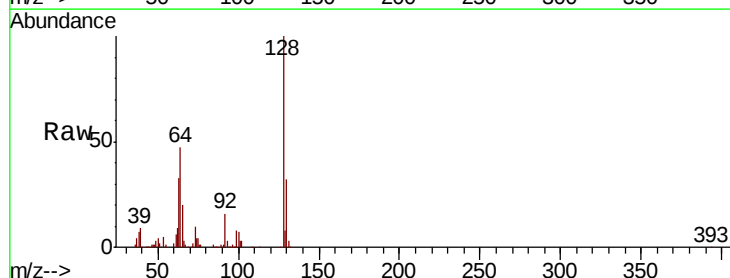
Tgt Ion: 128 Resp: 171275

Ion Ratio Lower Upper

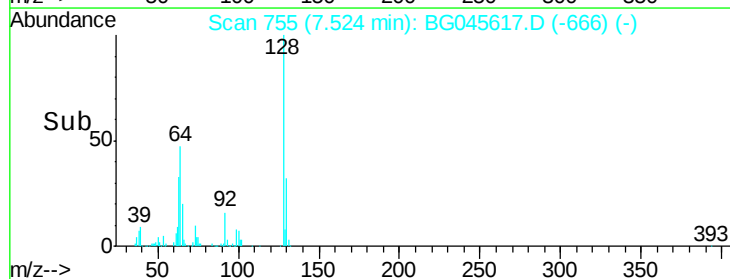
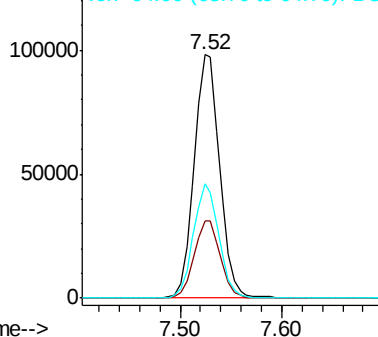
128 100

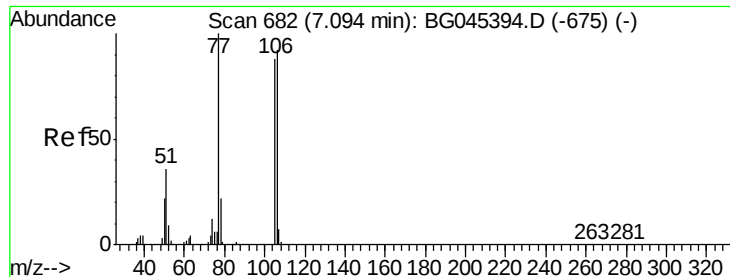
130 31.8 12.6 52.6

64 46.9 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: 36.934 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

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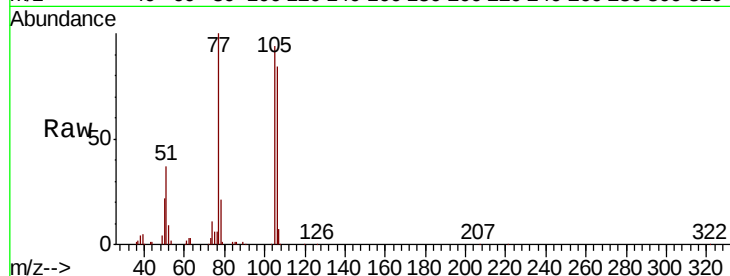
Tot Ion: 77 Resp: 107962

Ion Ratio Lower Upper

77 100

105 93.6 68.5 108.5

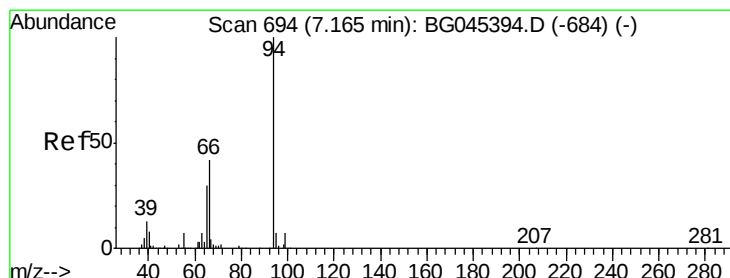
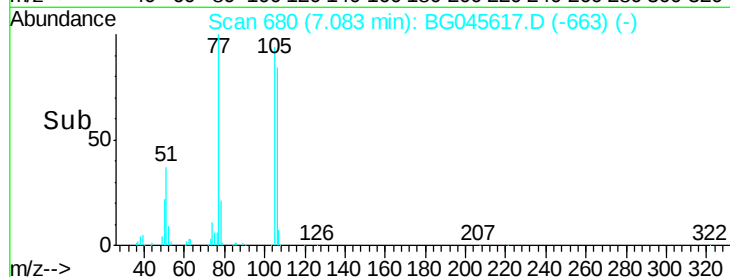
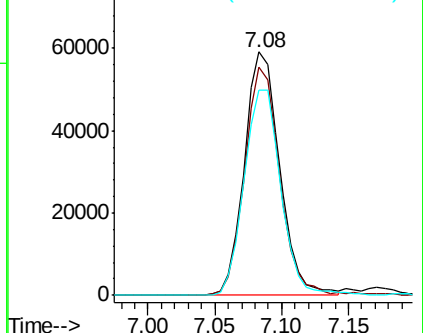
106 84.1 71.6 111.6



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: 48.902 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

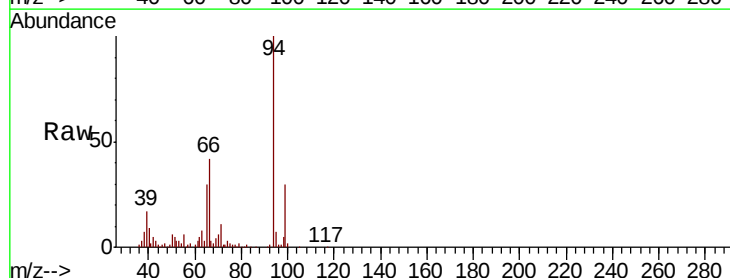
Tgt Ion: 94 Resp: 226120

Ion Ratio Lower Upper

94 100

65 29.9 9.8 49.8

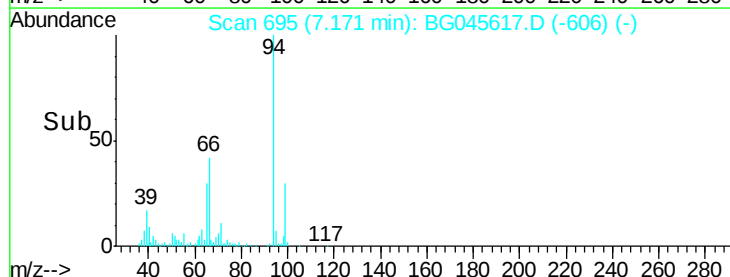
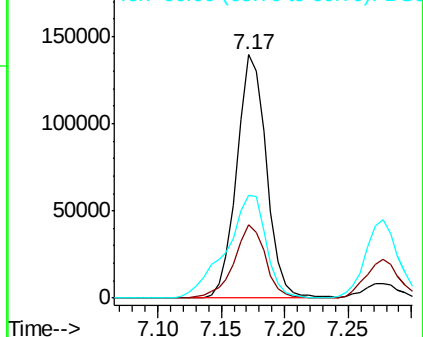
66 42.4 22.0 62.0

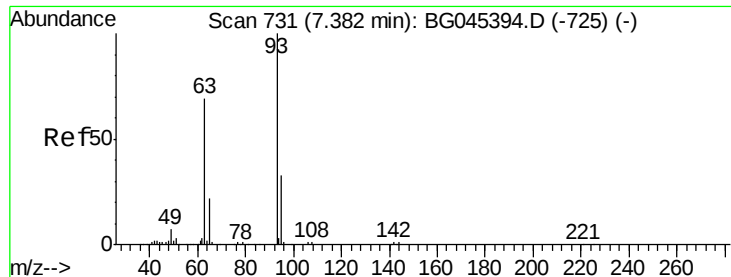


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

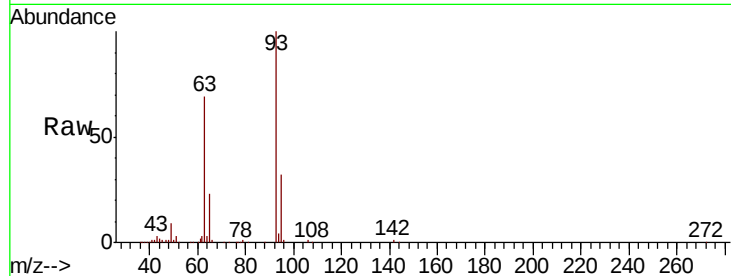




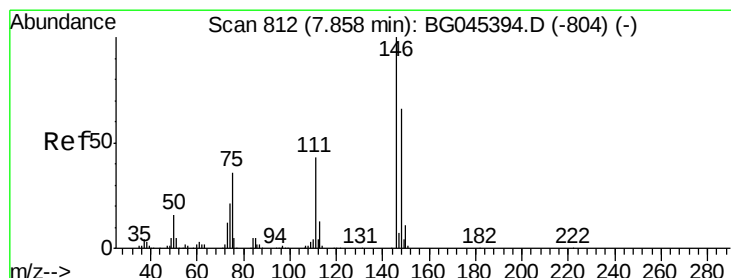
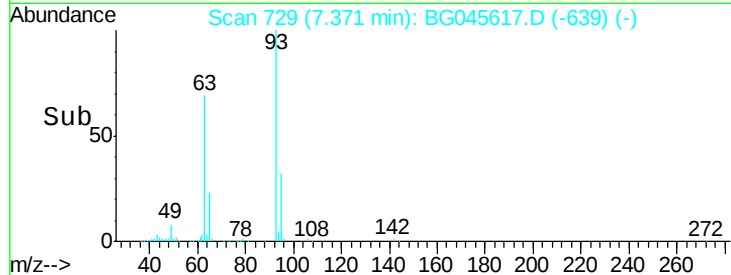
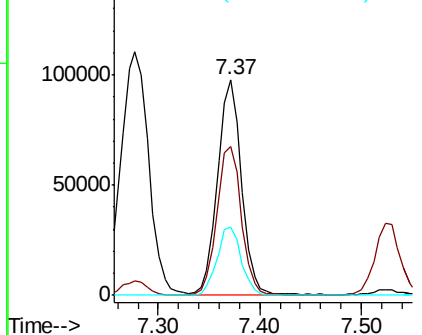
#11
bis(2-Chloroethyl)ether
Concen: 44.835 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion:	93	Resp:	161707
Ion	Ratio	Lower	Upper
93	100		
63	69.3	48.4	88.4
95	31.8	12.4	52.4

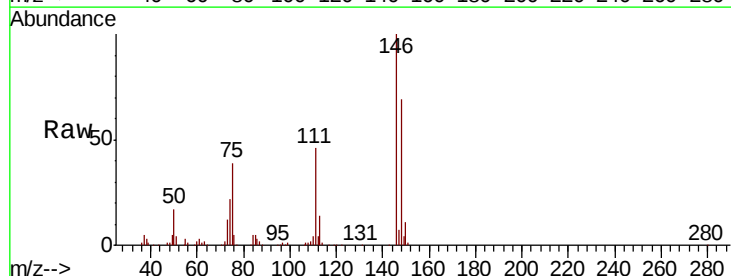


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

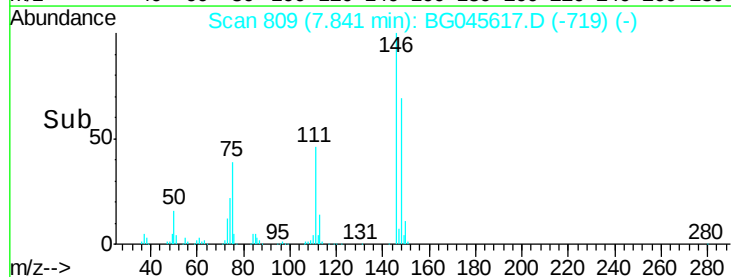
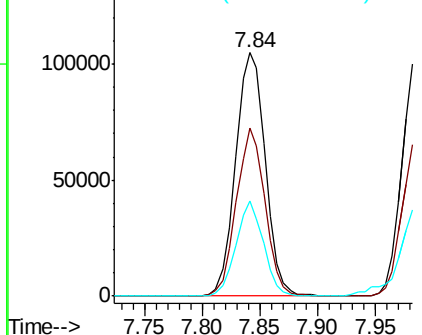


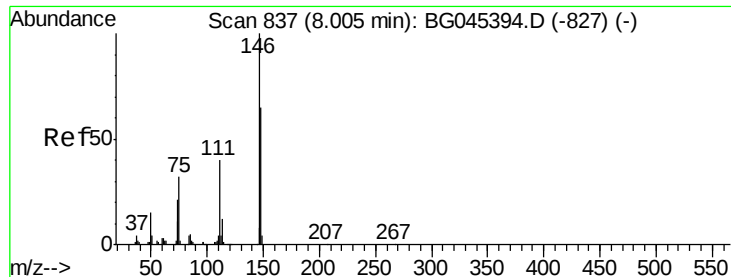
#12
1,3-Dichlorobenzene
Concen: 44.743 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion:	146	Resp:	185865
Ion	Ratio	Lower	Upper
146	100		
148	68.8	53.2	79.8
75	39.0	28.6	43.0



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





#13

1,4-Dichlorobenzene

Concen: 46.295 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

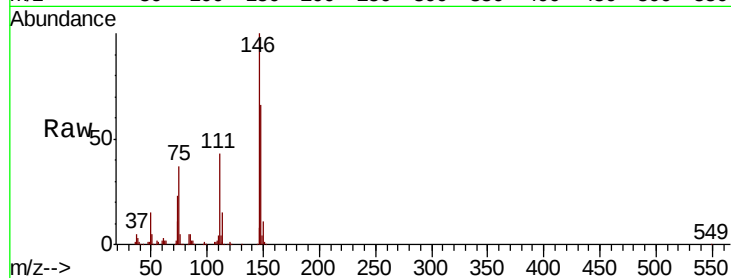
Tot Ion:146 Resp: 189784

Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.8

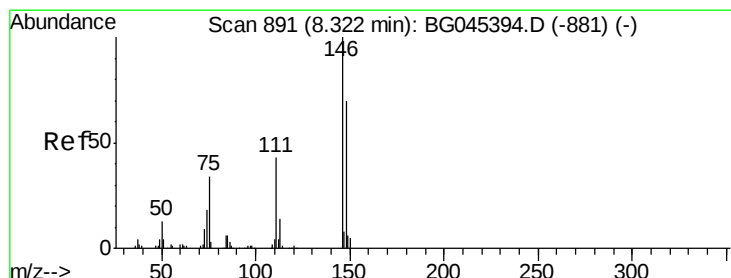
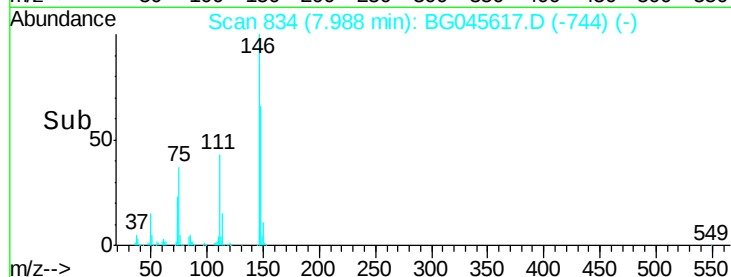
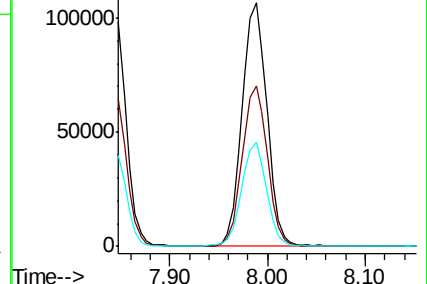
111 43.0 32.1 48.1



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: 45.020 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

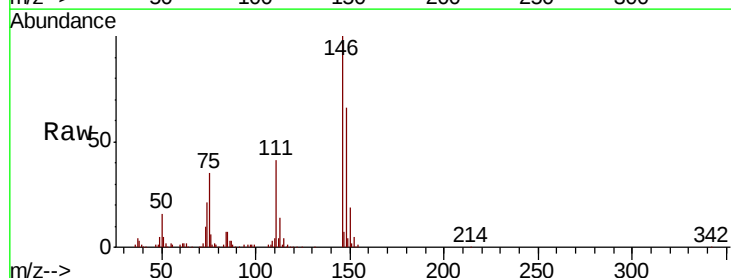
Tgt Ion:146 Resp: 177509

Ion Ratio Lower Upper

146 100

148 65.6 55.9 83.9

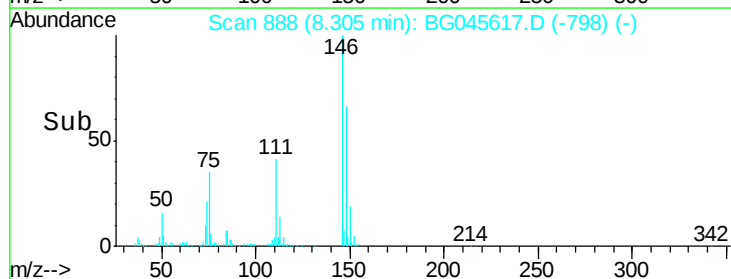
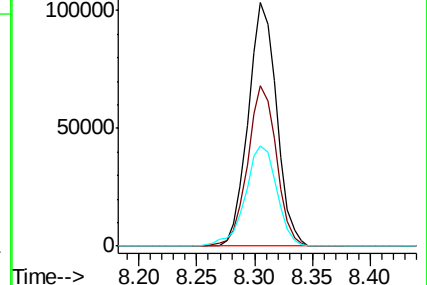
111 41.0 35.0 52.4

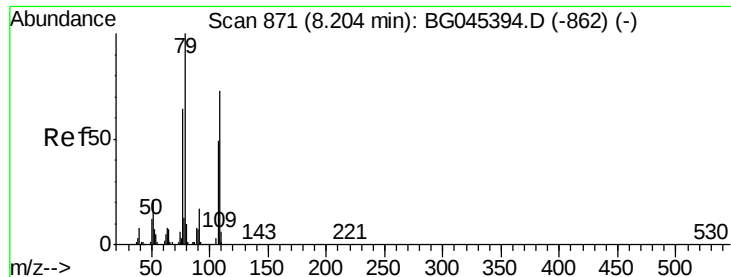


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.878 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

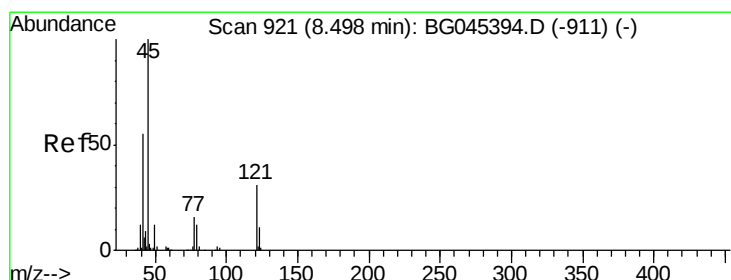
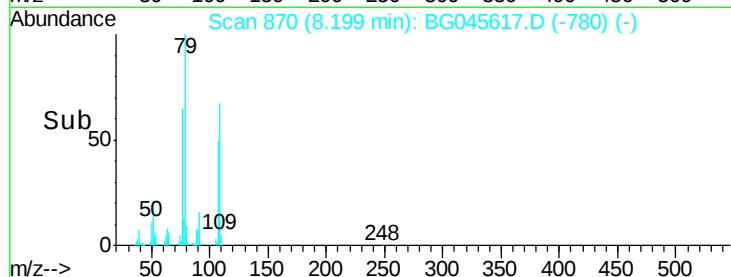
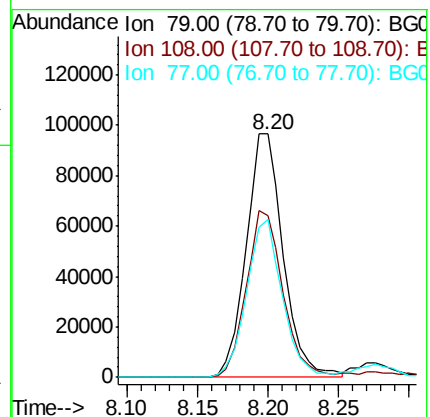
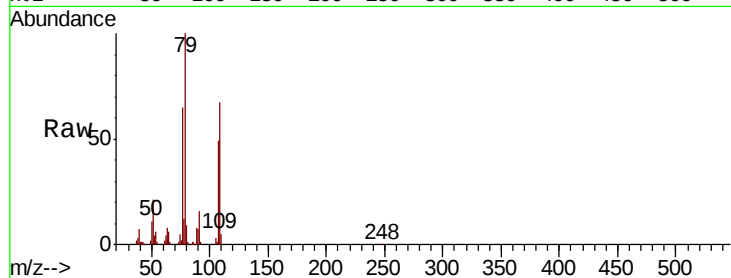
Tot Ion: 79 Resp: 177450

Ion Ratio Lower Upper

79 100

108 66.7 58.2 87.4

77 64.8 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.902 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

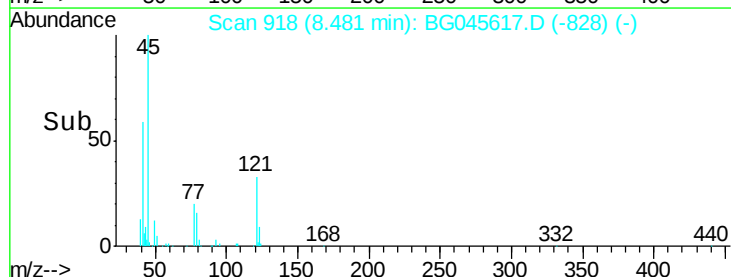
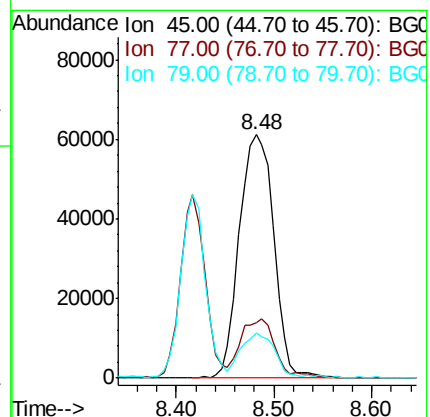
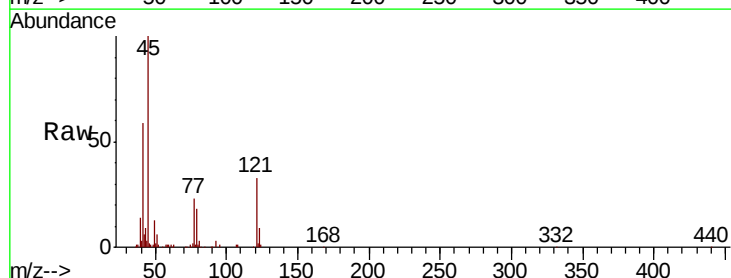
Tgt Ion: 45 Resp: 150302

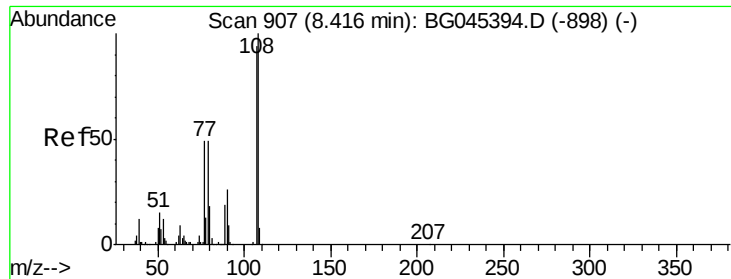
Ion Ratio Lower Upper

45 100

77 22.9 4.0 44.0

79 18.4 0.0 38.6





#17

2-Methylphenol

Concen: 43.679 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

Tot Ion:107 Resp: 151172

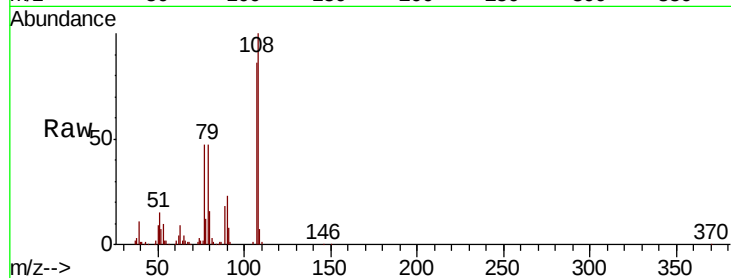
Ion Ratio Lower Upper

107 100

108 115.9 85.2 127.8

77 54.0 41.6 62.4

79 54.0 41.8 62.8

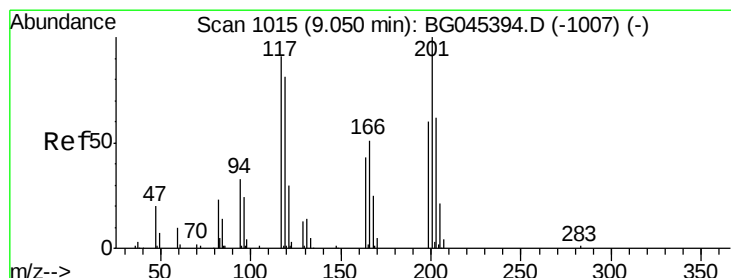
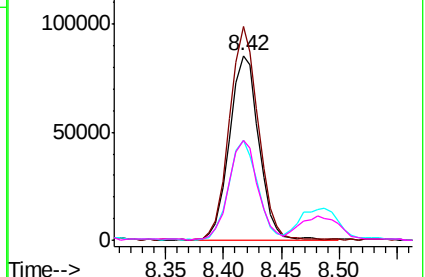
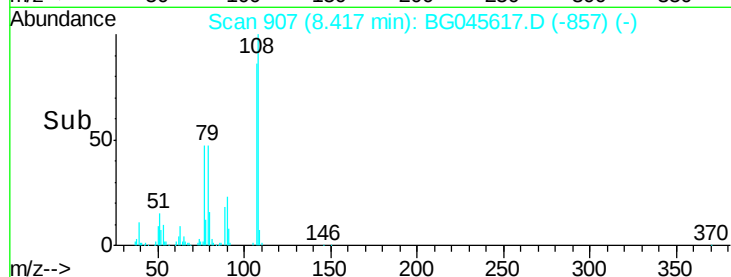


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.583 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

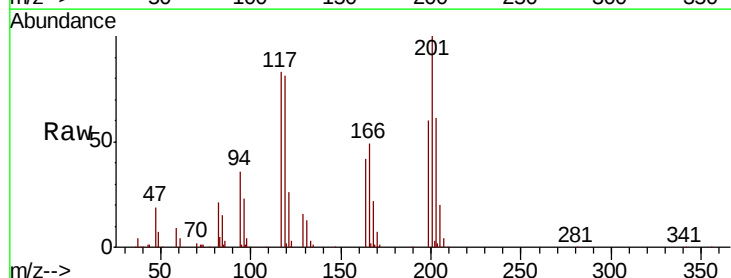
Tgt Ion:117 Resp: 71569

Ion Ratio Lower Upper

117 100

119 96.9 71.3 106.9

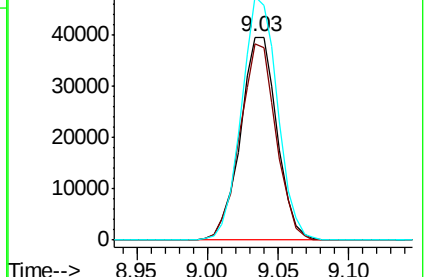
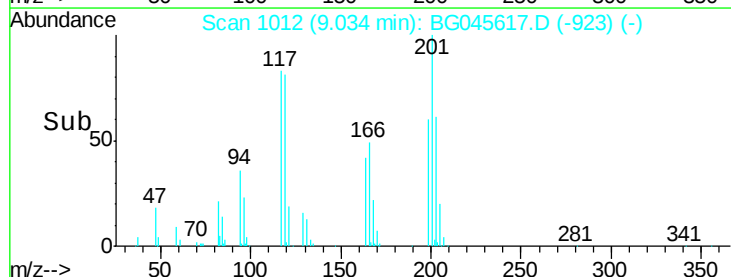
201 120.1 87.5 131.3

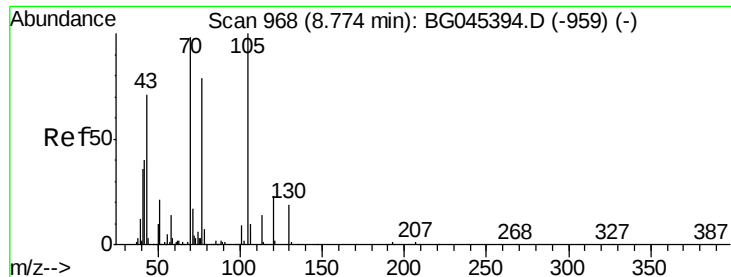


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

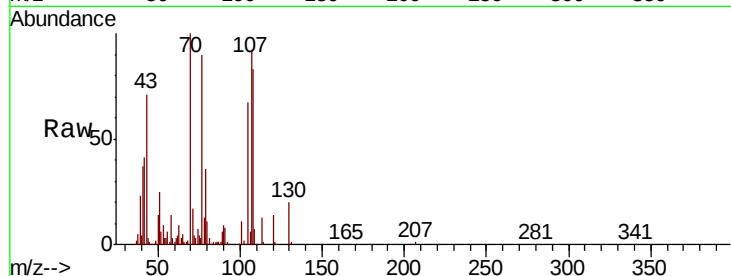




#19
n-Nitroso-di-n-propylamine
Concen: 45.582 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

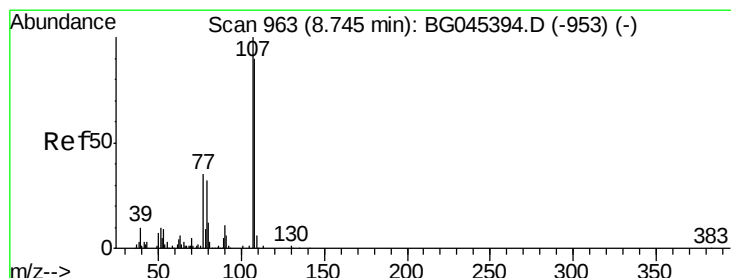
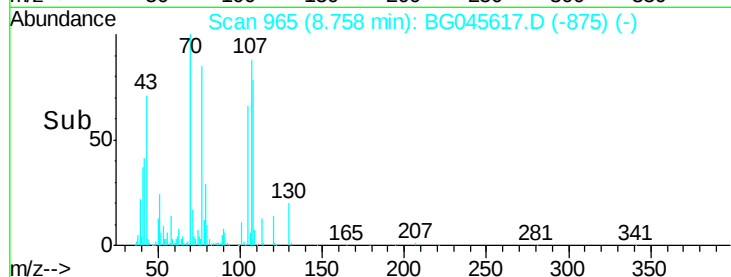
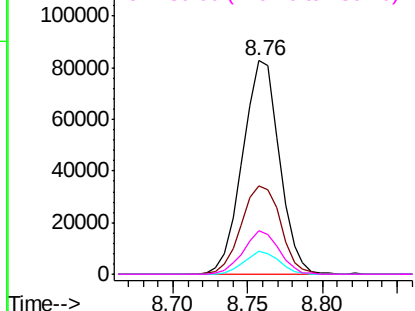
Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion:	70	Resp:	141418
Ion	Ratio	Lower	Upper
70	100		
42	41.1	33.2	49.8
101	10.7	7.8	11.6
130	20.2	15.4	23.2



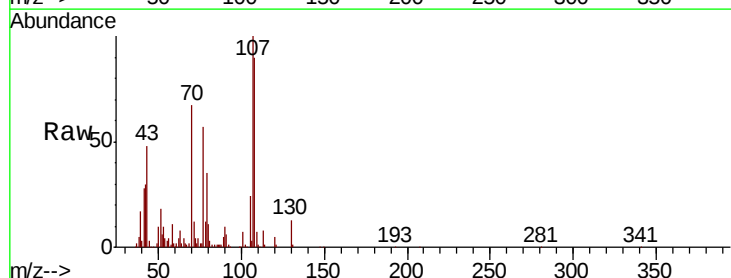
Abundance

Ion 70.00 (69.70 to 70.70): BGC



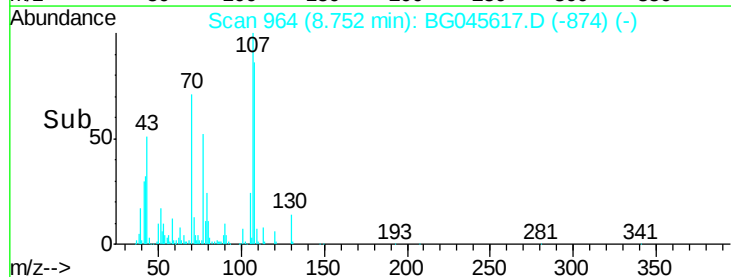
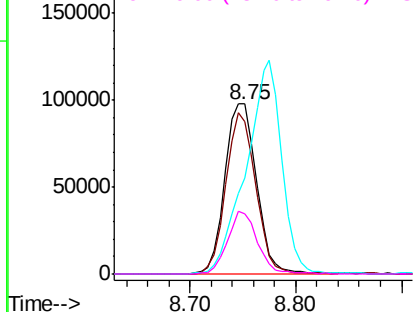
#20
3+4-Methylphenols
Concen: 43.220 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

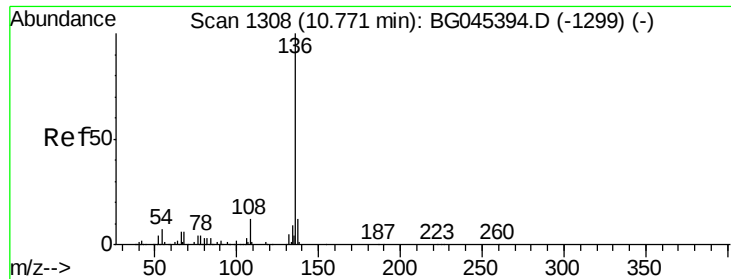
Tgt Ion:	107	Resp:	203696
Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.3	110.3
77	56.7	15.4	55.4#
79	35.0	12.6	52.6



Abundance

Ion 107.00 (106.70 to 107.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

Tot Ion:136 Resp: 235965

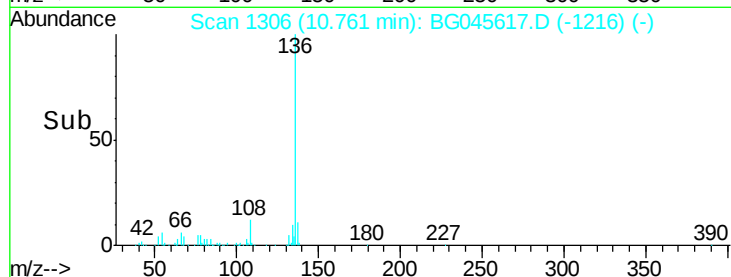
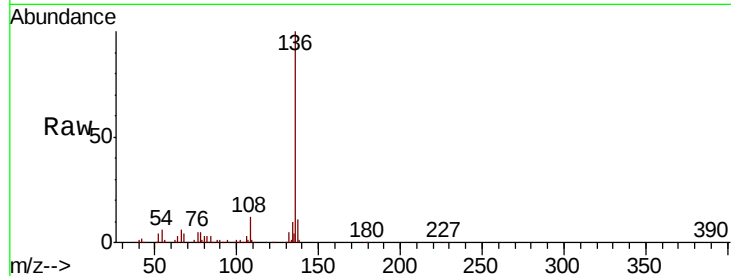
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.2

54 6.3 5.8 8.6

68 4.4 4.5 6.7#

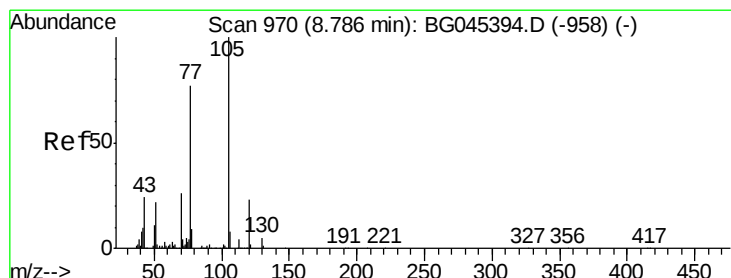
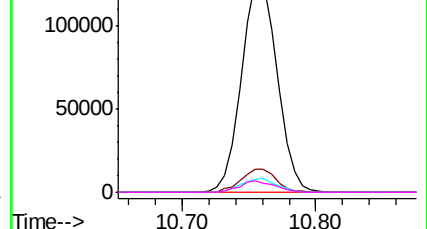


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.316 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Tgt Ion:105 Resp: 253435

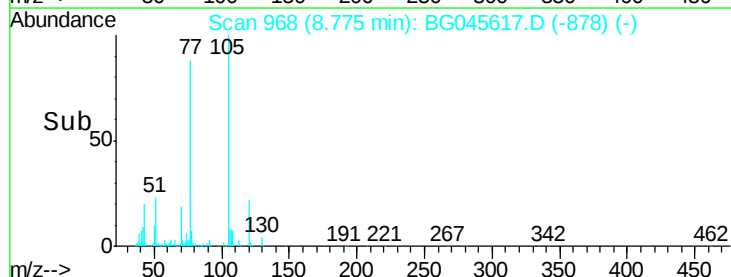
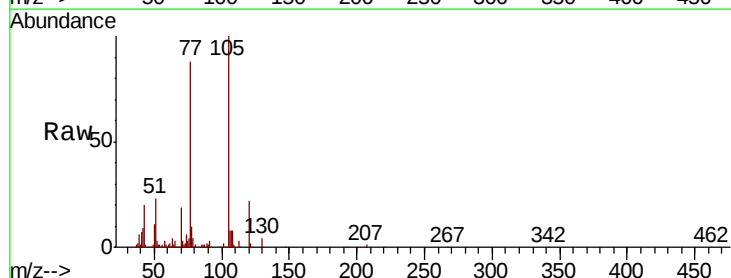
Ion Ratio Lower Upper

105 100

71 3.5 3.4 5.0

51 23.3 18.2 27.2

120 22.1 18.6 27.8

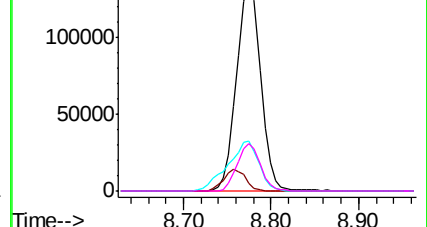


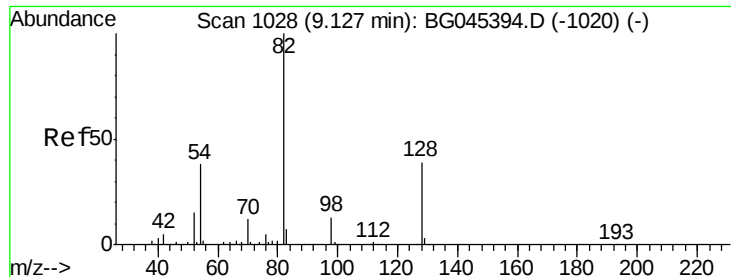
Abundance Ion 105.00 (104.70 to 105.70): E

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

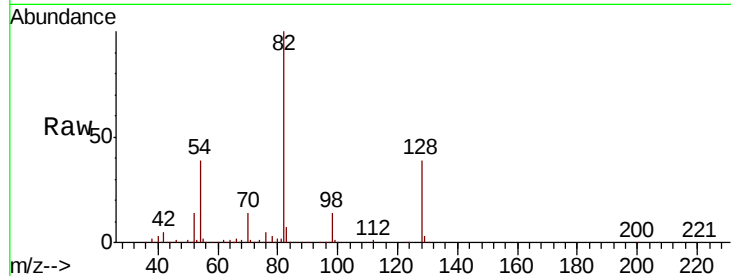




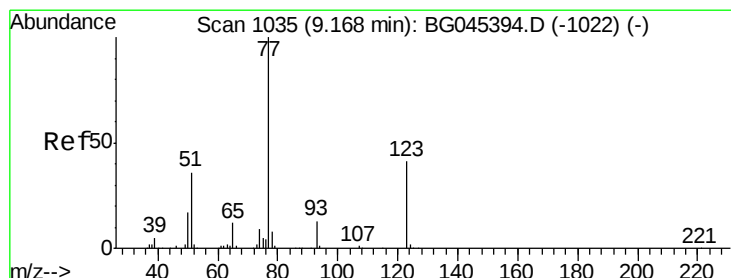
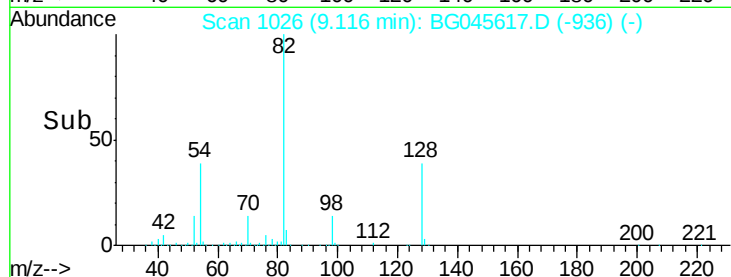
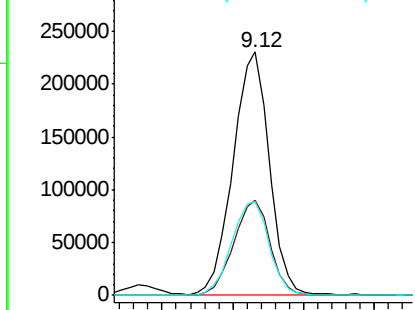
#23
Nitrobenzene-d5
Concen: 95.239 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion	82	Resp	412112
Ion Ratio	100	Lower	Upper
128	38.9	30.9	46.3
54	38.8	30.3	45.5

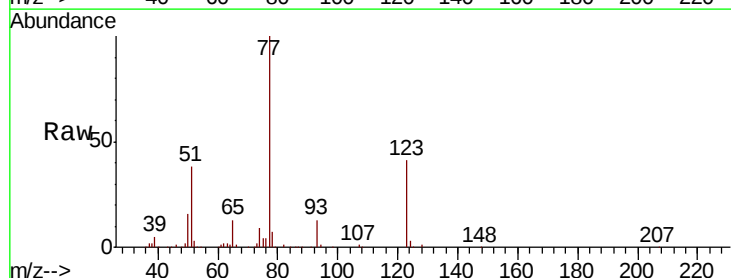


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

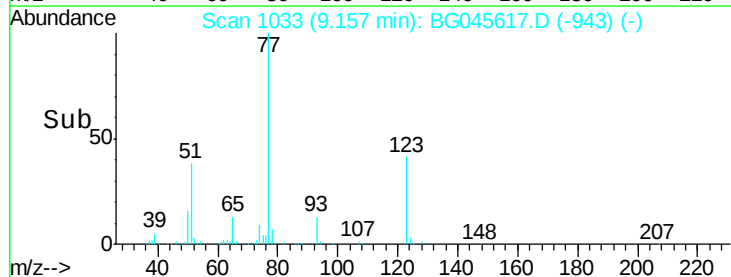
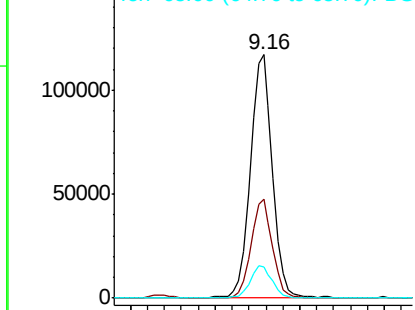


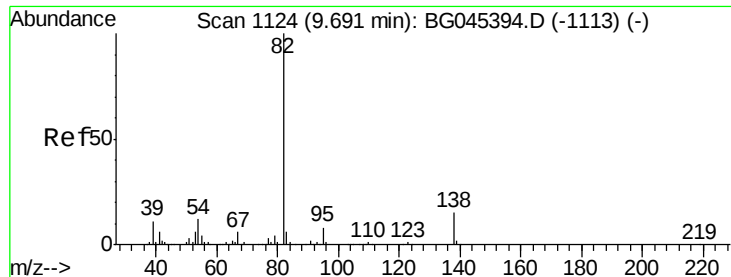
#24
Nitrobenzene
Concen: 46.104 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion	77	Resp	213740
Ion Ratio	100	Lower	Upper
123	40.6	32.9	49.3
65	12.9	9.4	14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 44.825 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

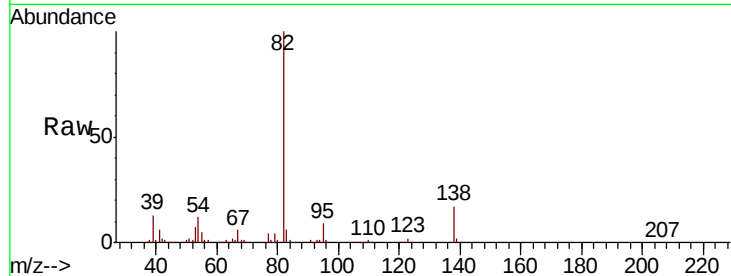
Tot Ion: 82 Resp: 381985

Ion Ratio Lower Upper

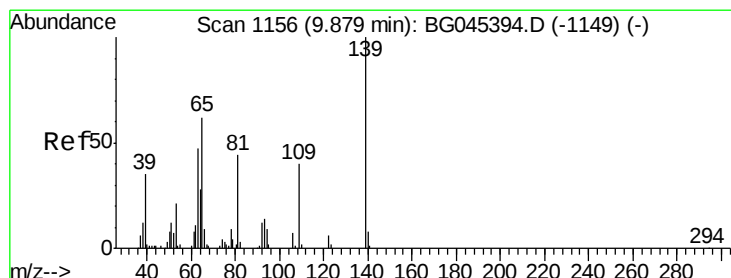
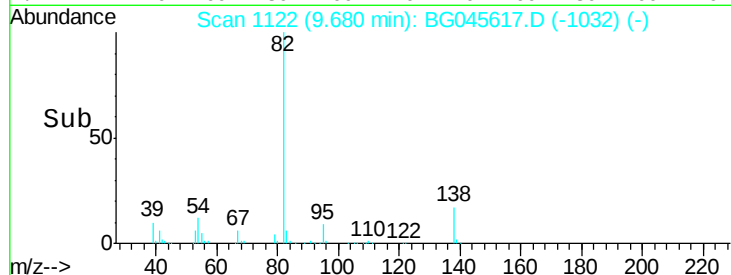
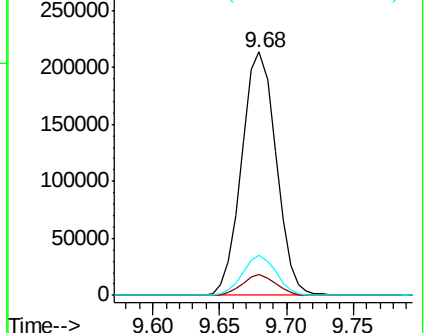
82 100

95 8.7 6.7 10.1

138 16.7 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



#26

2-Nitrophenol

Concen: 48.609 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

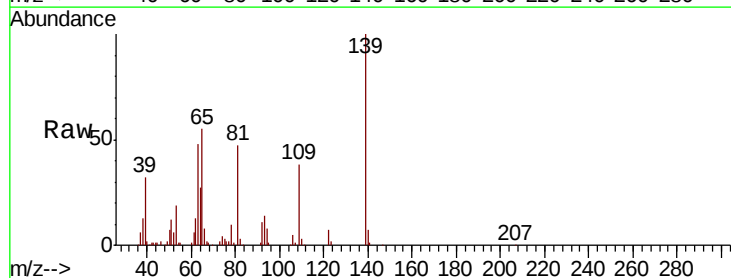
Tgt Ion: 139 Resp: 96402

Ion Ratio Lower Upper

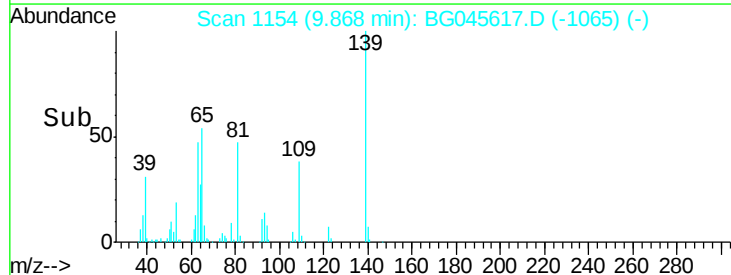
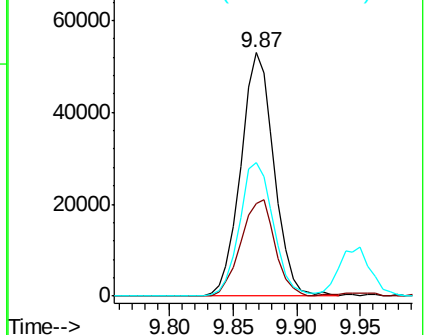
139 100

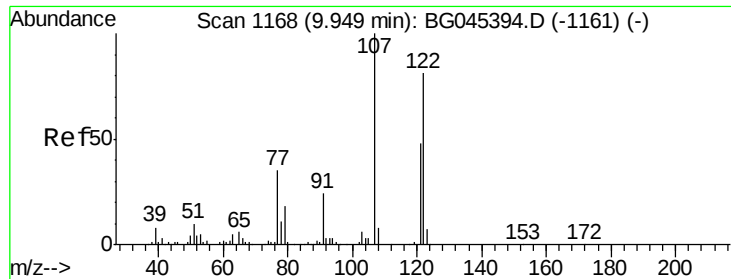
109 38.2 32.2 48.4

65 54.8 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

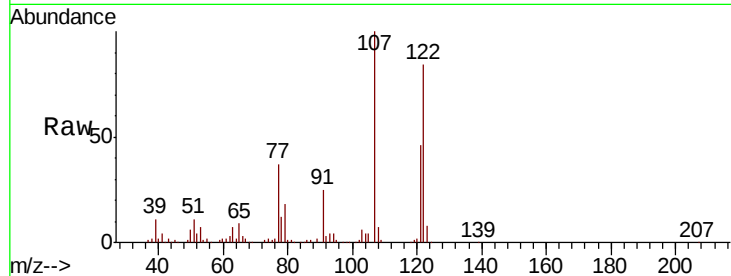




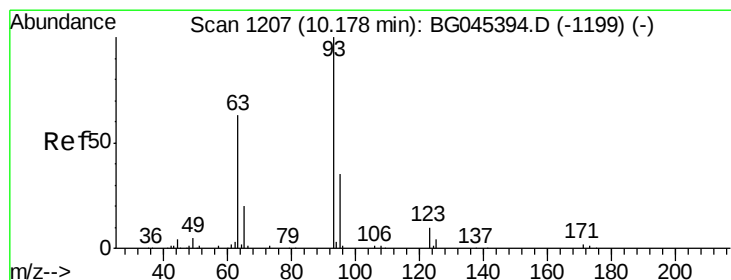
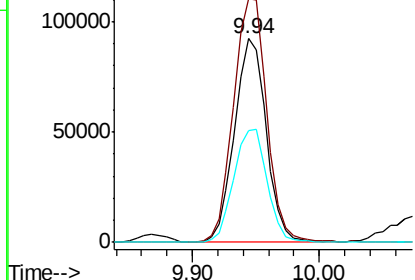
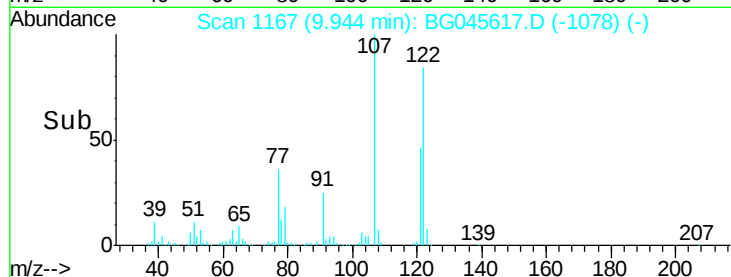
#27
 2,4-Dimethylphenol
 Concen: 54.116 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	99.0	148.4
121	54.7	47.7	71.5

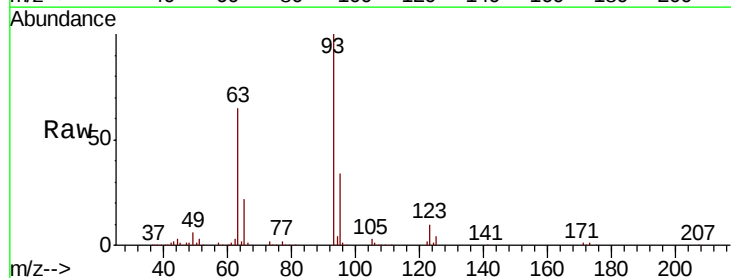


Abundance Ion 122.00 (121.70 to 122.70): E
 150000
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

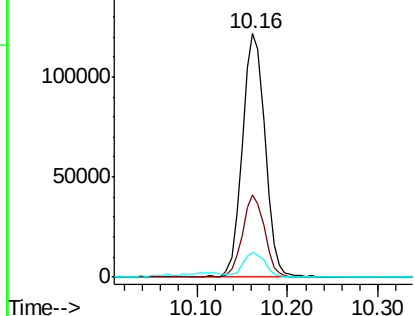
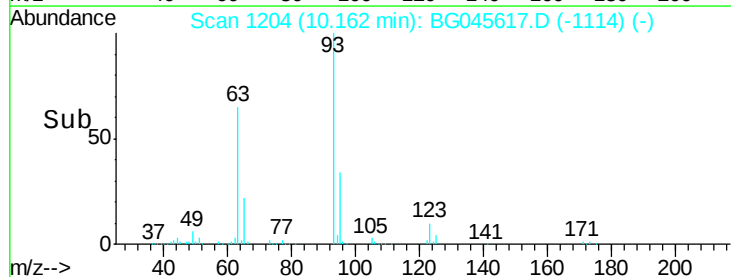


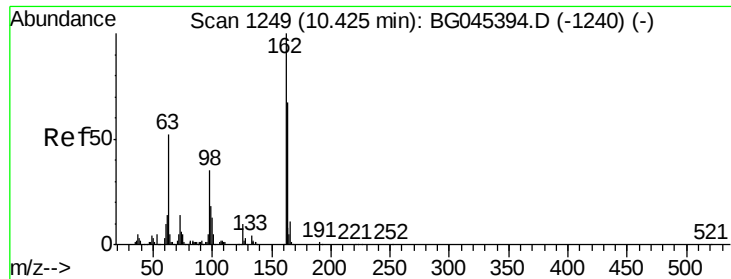
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.219 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.6	41.4
123	10.2	8.1	12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 150000
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

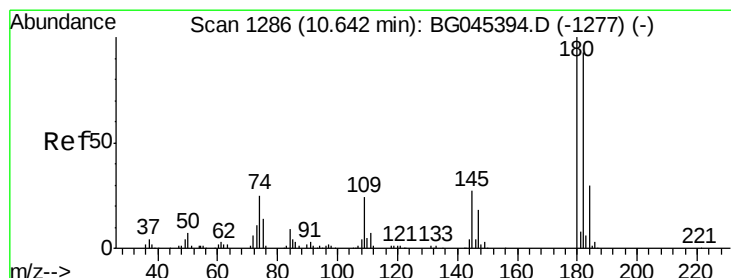
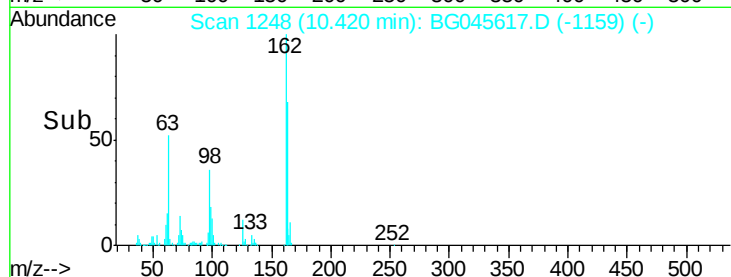
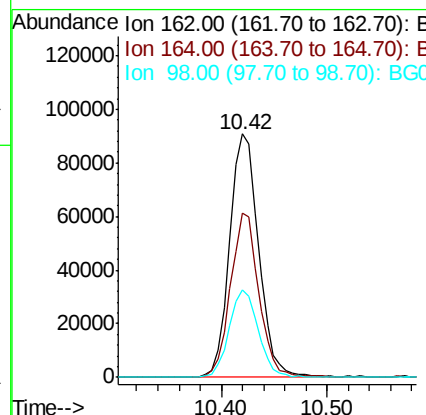
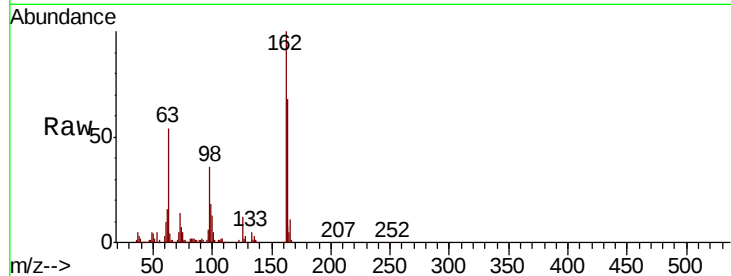




#29
 2,4-Dichlorophenol
 Concen: 49.736 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

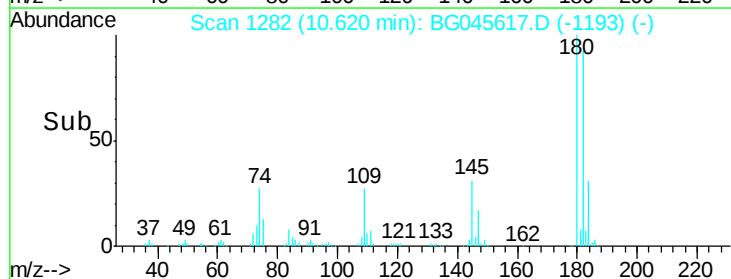
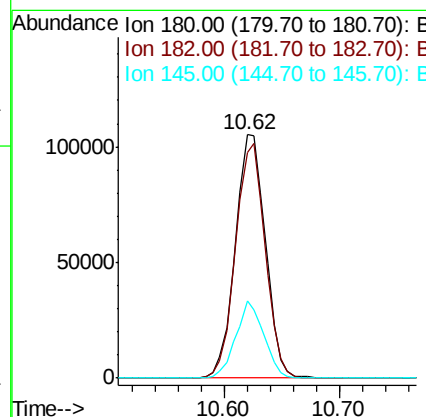
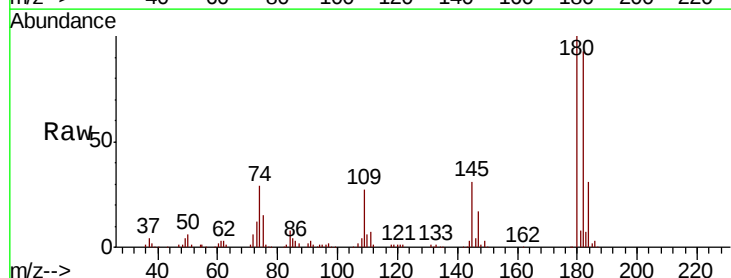
Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

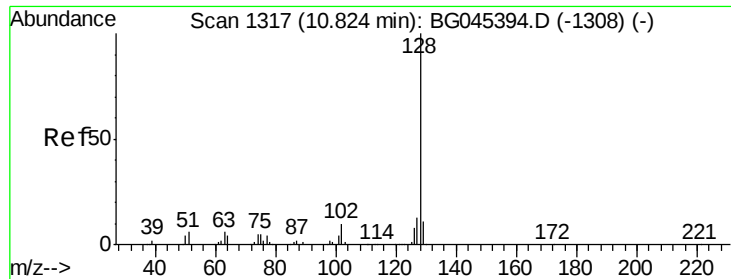
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	46.8	86.8
98	36.1	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 46.312 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.8	112.2
145	31.5	21.9	32.9

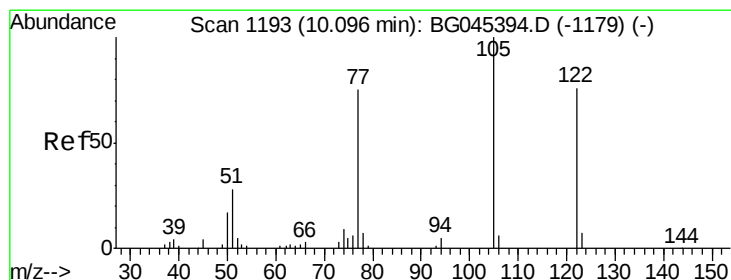
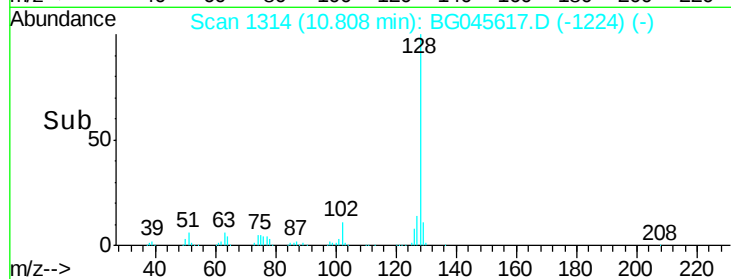
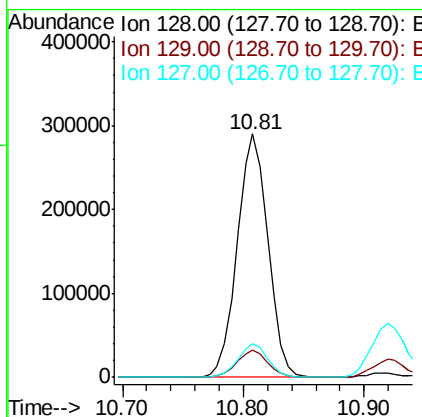
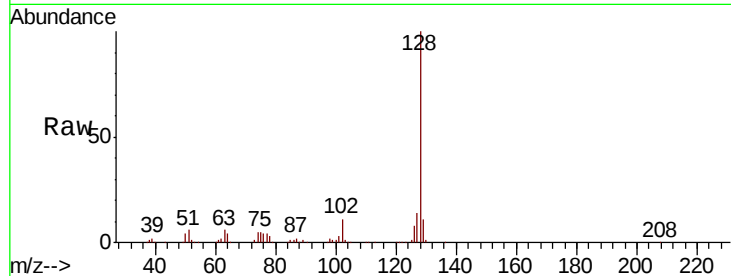




#31
Naphthalene
Concen: 46.698 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

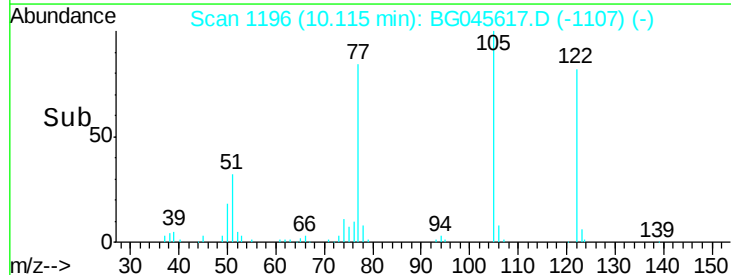
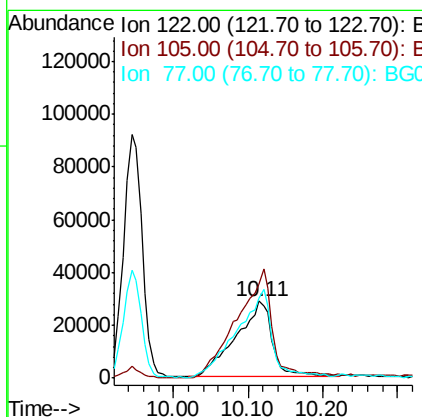
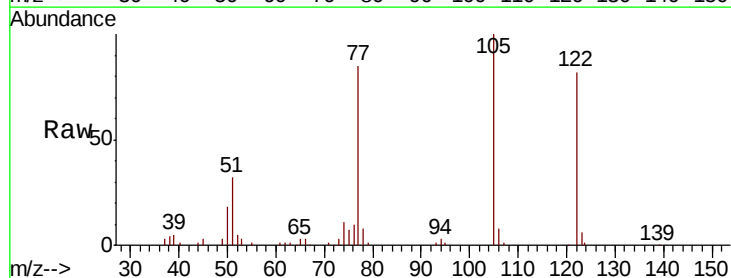
Instrument :
BNA_G
ClientSampleId :
PB129329BS

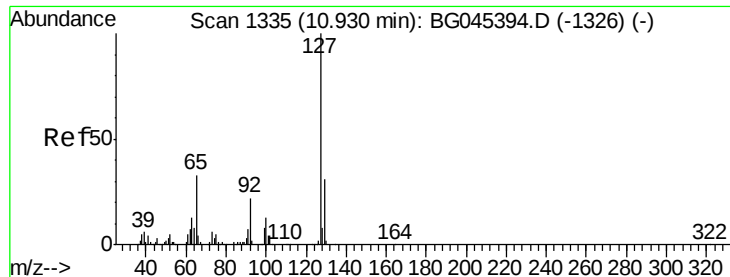
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.9	10.7	16.1



#32
Benzoic acid
Concen: 48.673 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	107.9	147.9
77	103.2	78.9	118.9

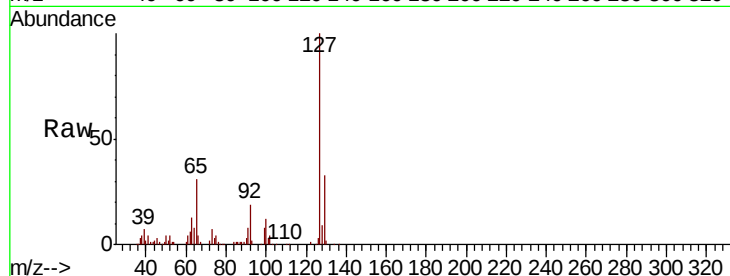




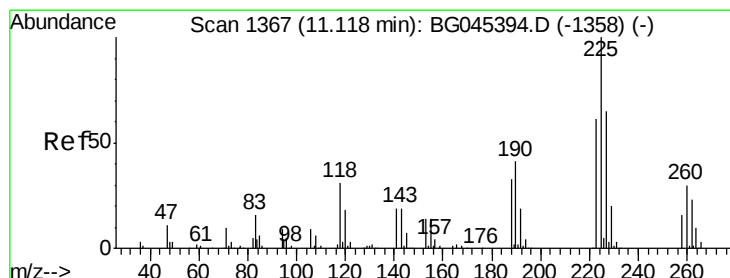
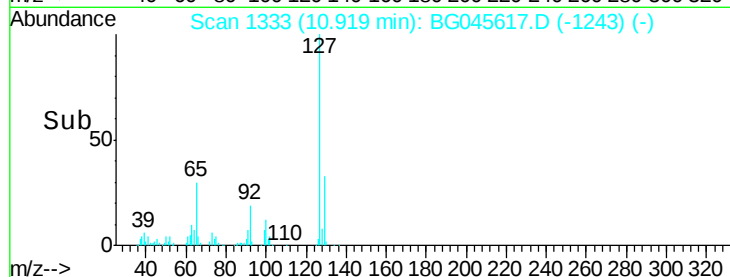
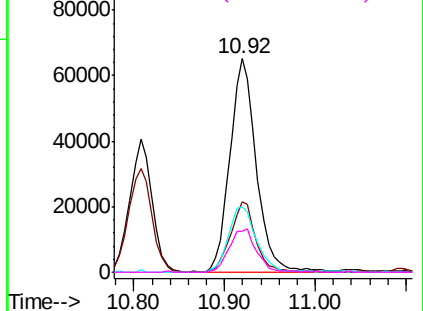
#33
4-Chloroaniline
Concen: 28.916 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion:127	Resp:	132906	
Ion Ratio	Lower	Upper	
127 100			
129 33.0	24.7	37.1	
65 30.6	26.2	39.2	
92 19.4	17.9	26.9	

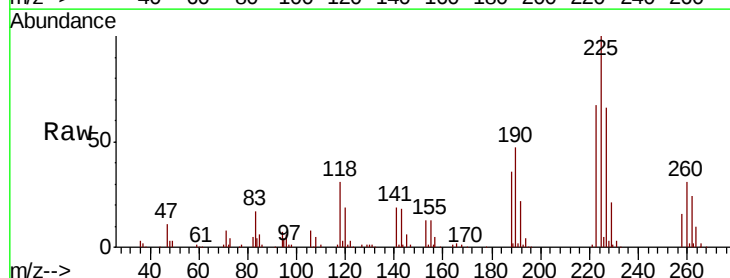


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

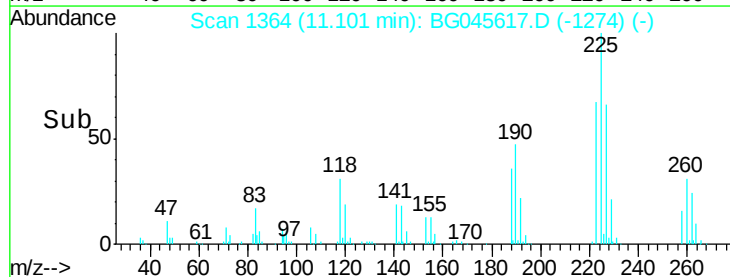
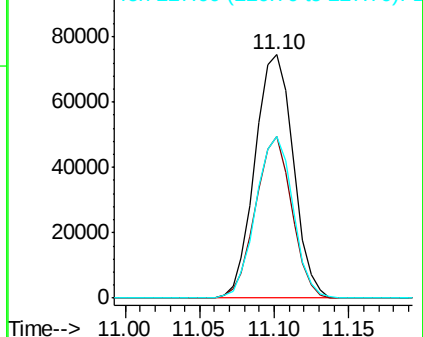


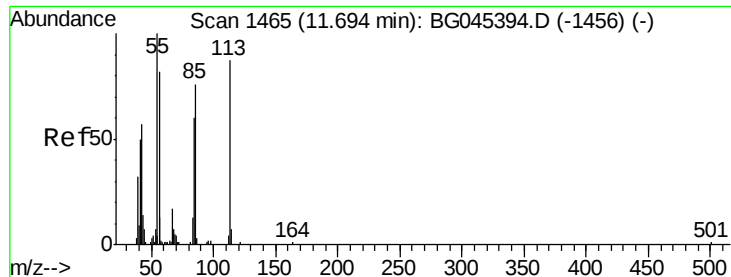
#34
Hexachlorobutadiene
Concen: 45.517 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion	225	Resp: Lower	132058 Upper
	Ratio		
225	100		
223	66.7	49.1	73.7
227	66.2	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

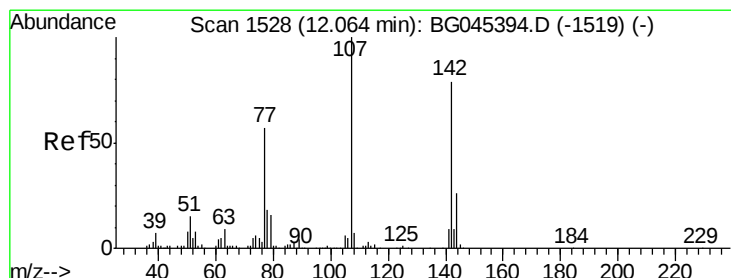
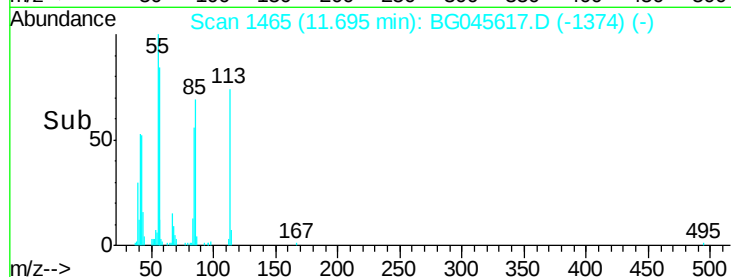
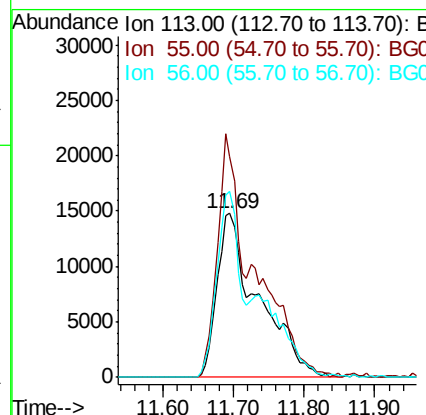
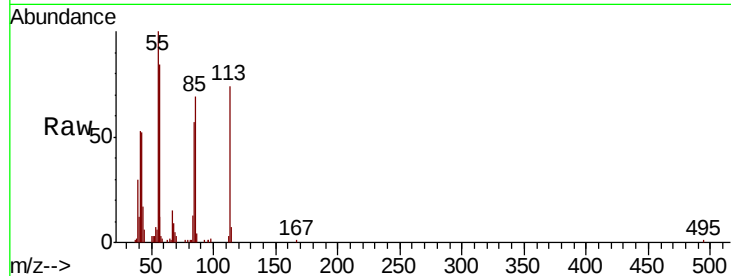




#35
 Caprolactam
 Concen: 46.682 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

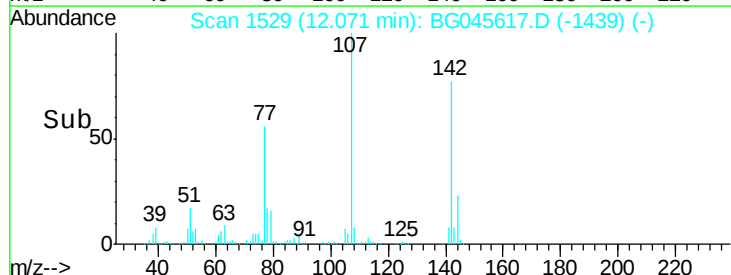
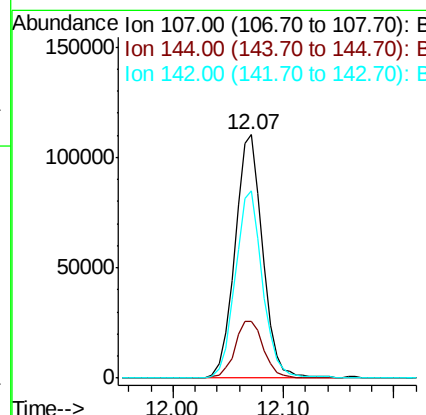
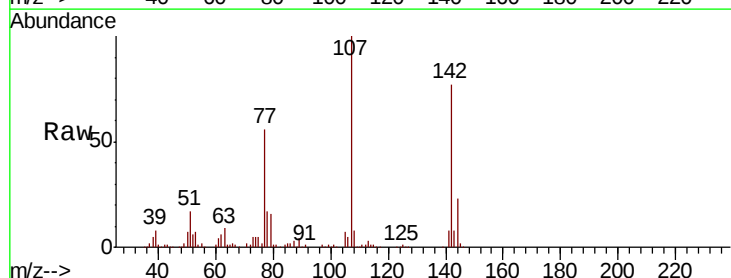
Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

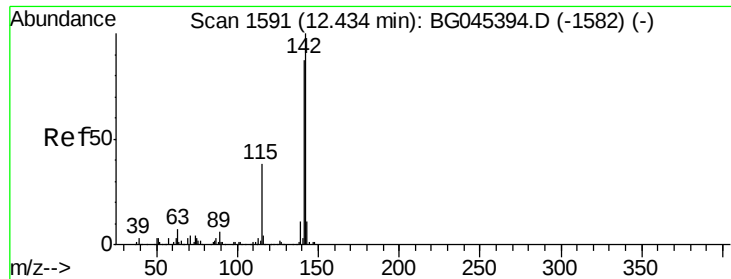
Tot Ion:113 Resp: 59517
 Ion Ratio Lower Upper
 113 100
 55 134.9 96.0 136.0
 56 113.3 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.613 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion:107 Resp: 194187
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.8 31.2
 142 77.1 62.8 94.2

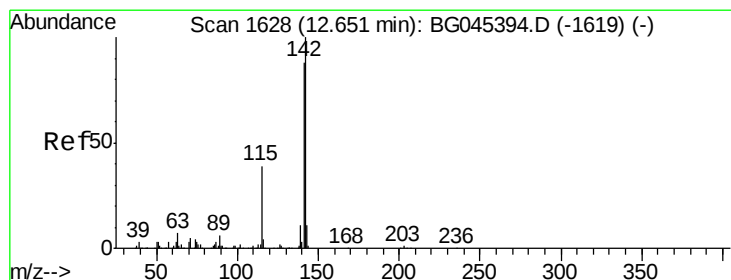
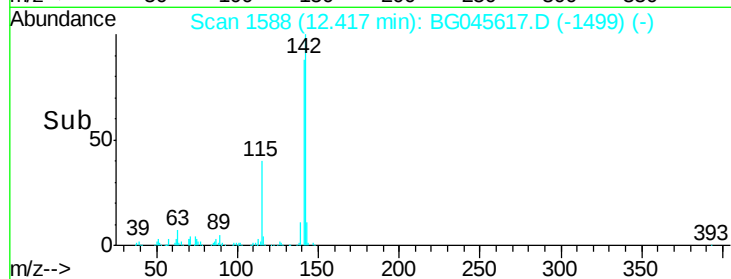
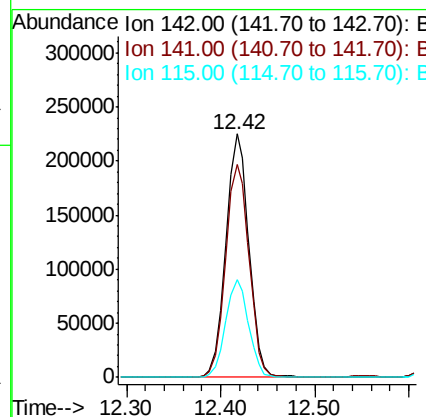
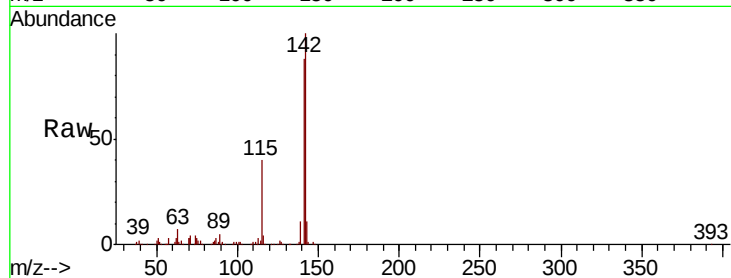




#37
 2-Methylnaphthalene
 Concen: 46.764 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

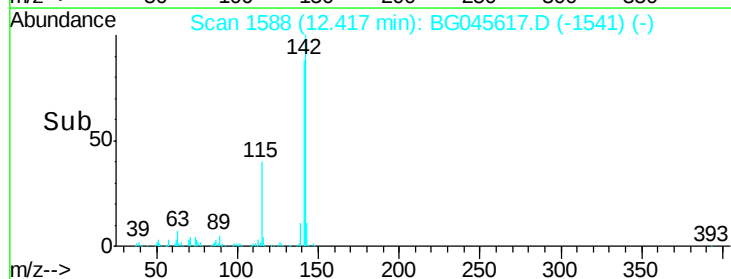
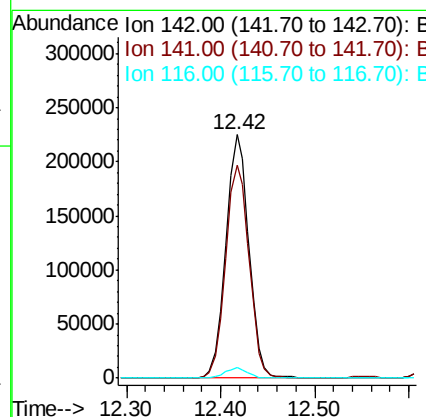
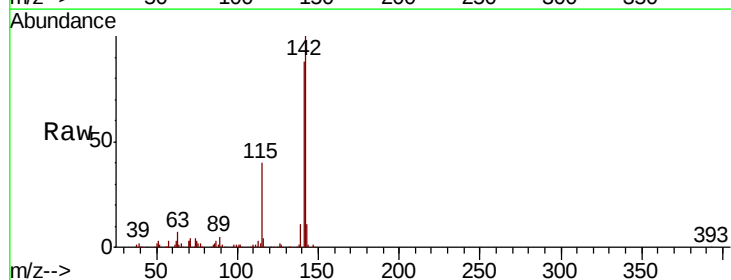
Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

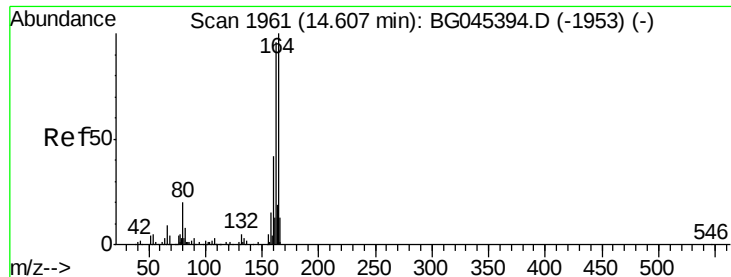
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.0	105.0
115	40.2	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 49.506 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.22 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

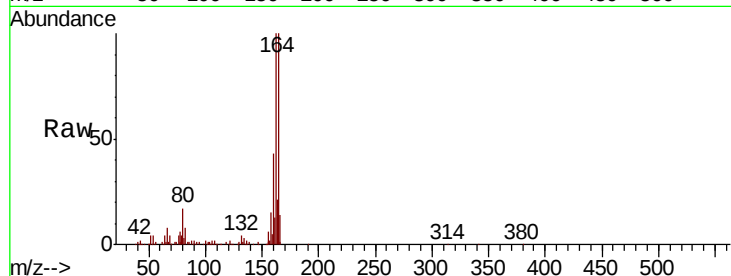
Tot Ion:164 Resp: 162619

Ion Ratio Lower Upper

164 100

162 100.3 76.9 115.3

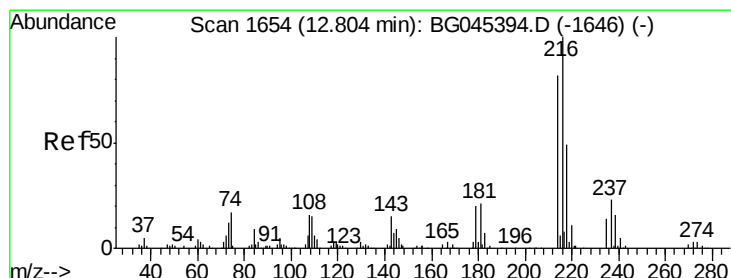
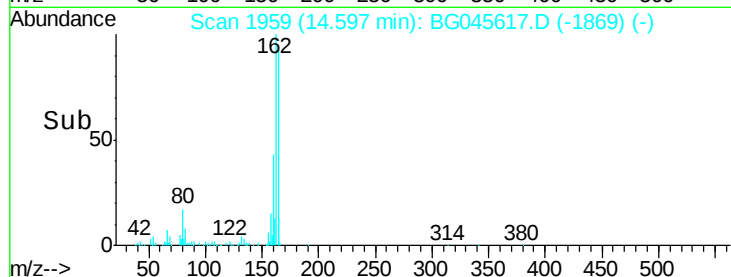
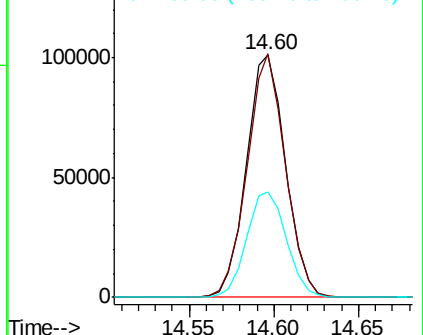
160 43.2 33.8 50.8



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: 48.469 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Tgt Ion:216 Resp: 220155

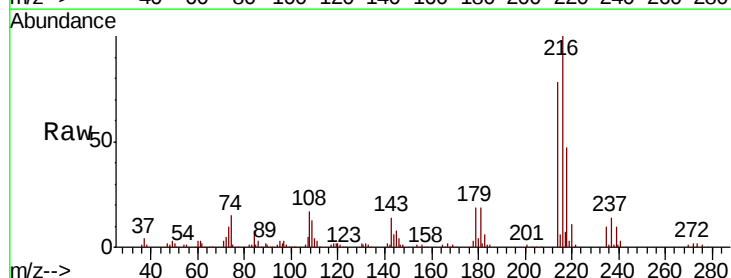
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 19.6 16.1 24.1

108 18.8 13.8 20.6

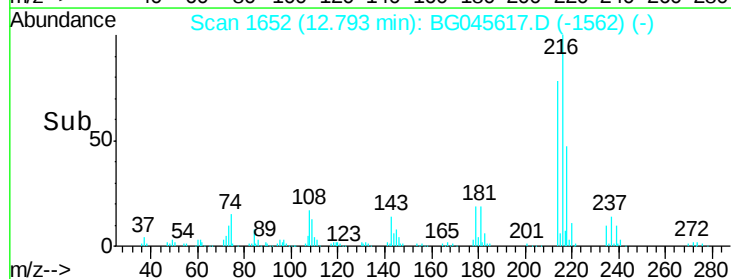
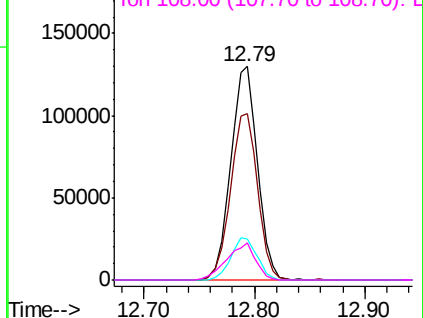


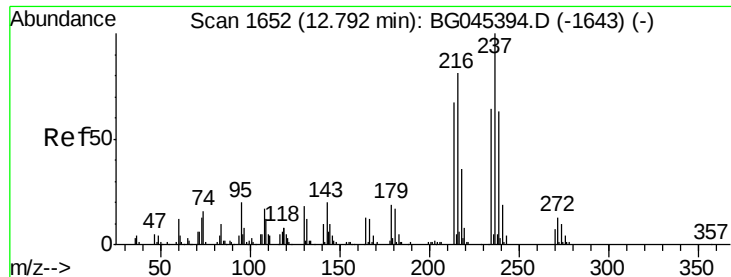
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.085 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

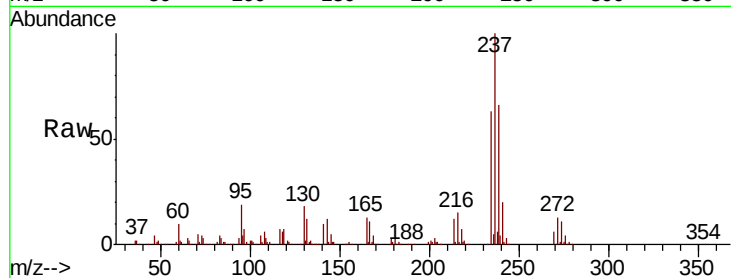
Tot Ion:237 Resp: 249282

Ion Ratio Lower Upper

237 100

235 62.8 44.4 84.4

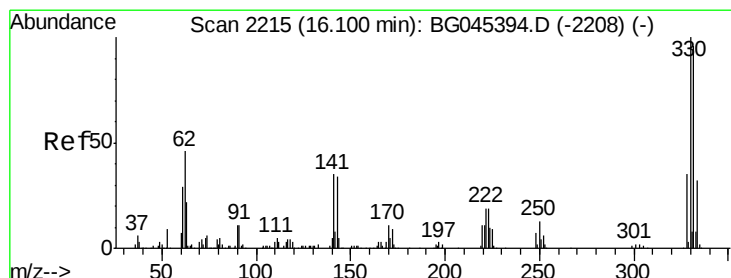
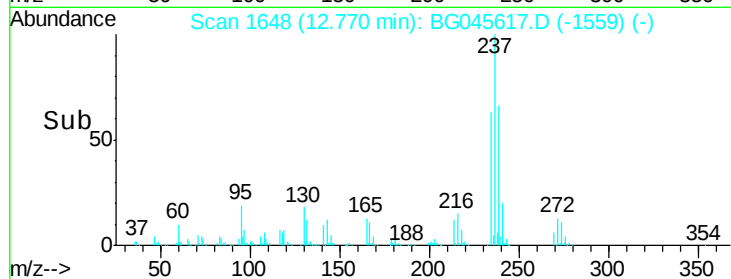
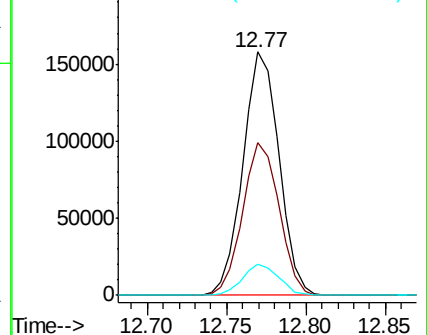
272 12.6 0.0 32.5



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: 142.058 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

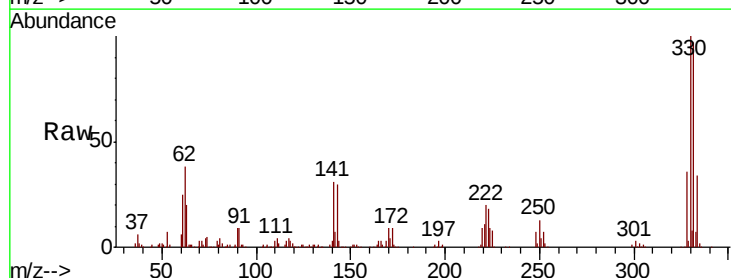
Tgt Ion:330 Resp: 295440

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

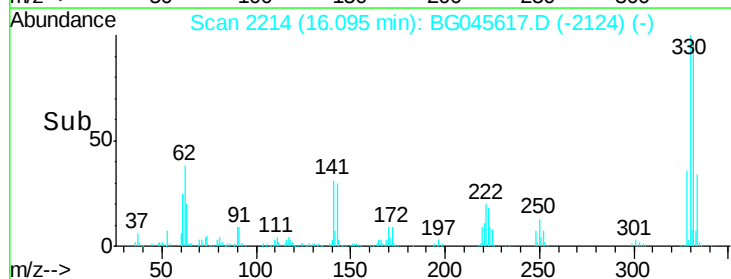
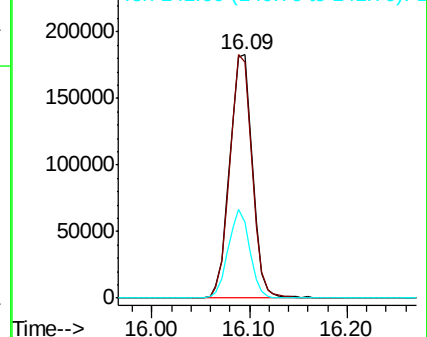
141 34.5 28.2 42.4

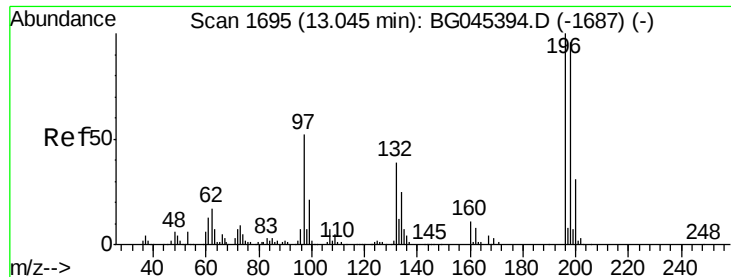


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

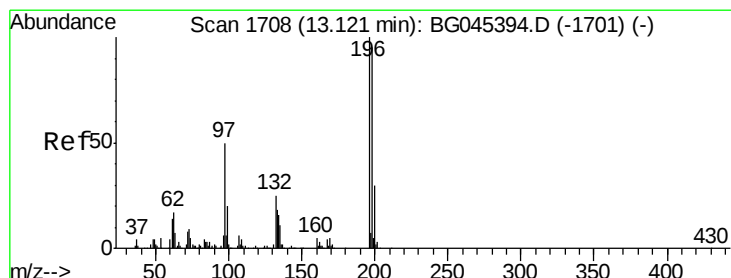
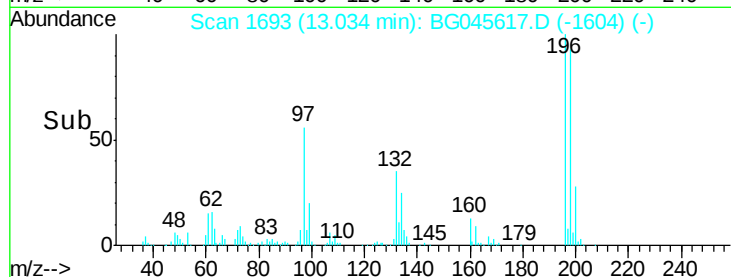
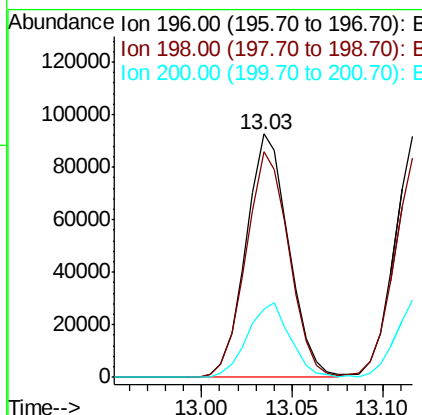
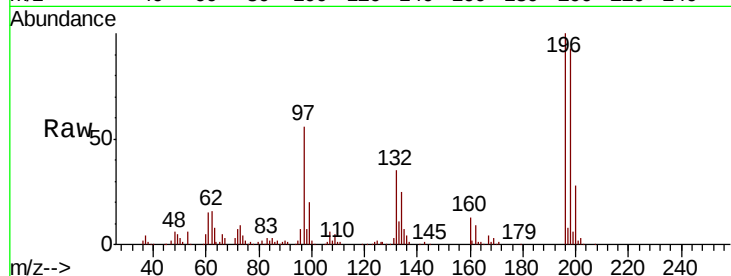




#43
 2,4,6-Trichlorophenol
 Concen: 48.107 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

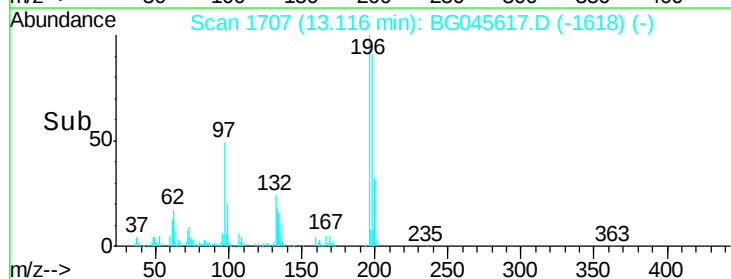
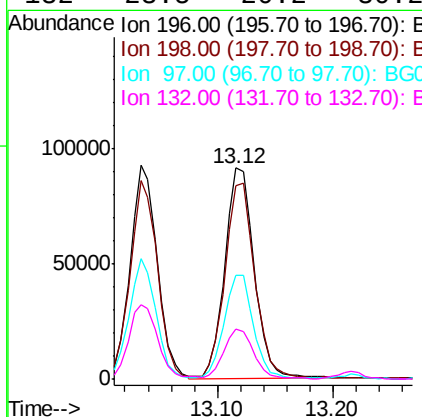
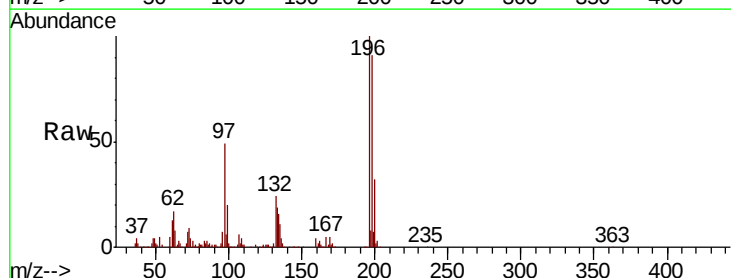
Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

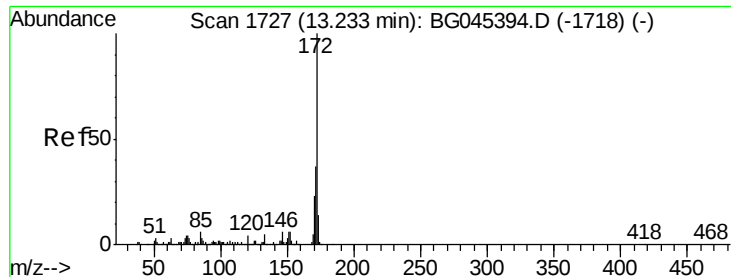
Tot Ion:196 Resp: 151791
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.7 115.1
 200 28.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.605 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion:196 Resp: 160831
 Ion Ratio Lower Upper
 196 100
 198 91.4 76.1 114.1
 97 49.0 40.0 60.0
 132 23.5 20.2 30.2

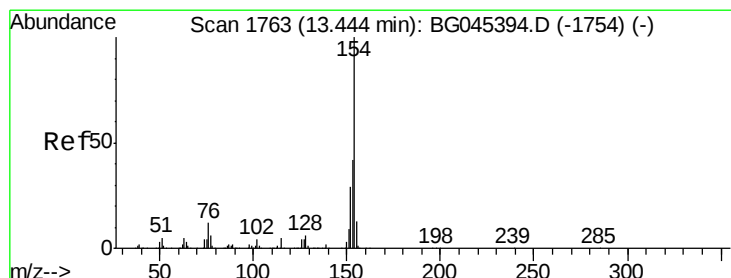
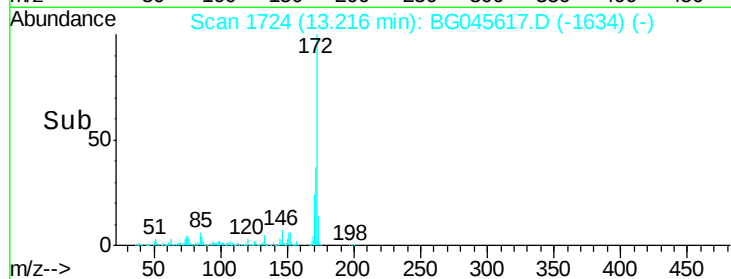
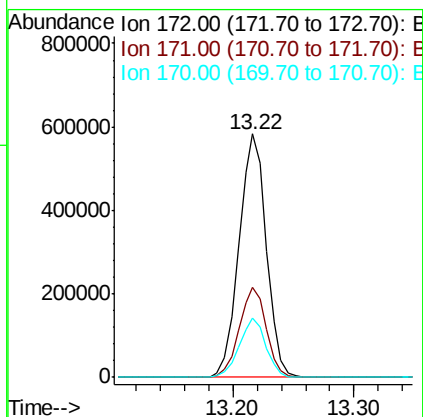
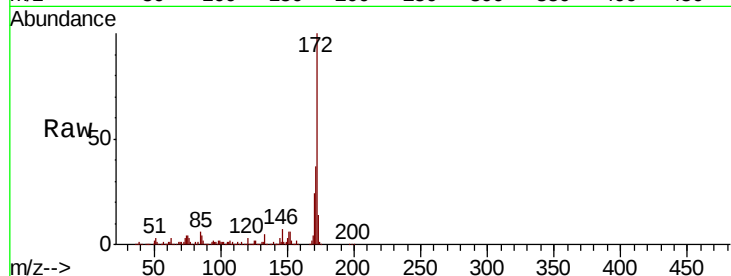




#45
2-Fluorobiphenyl
Concen: 95.452 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

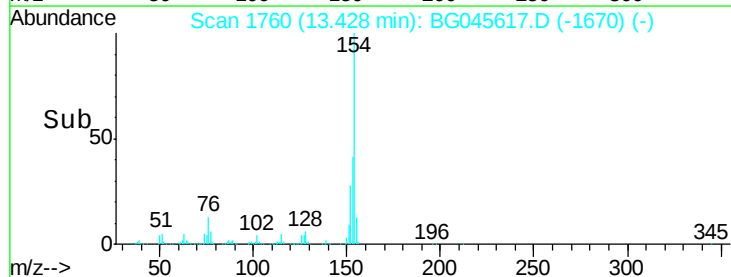
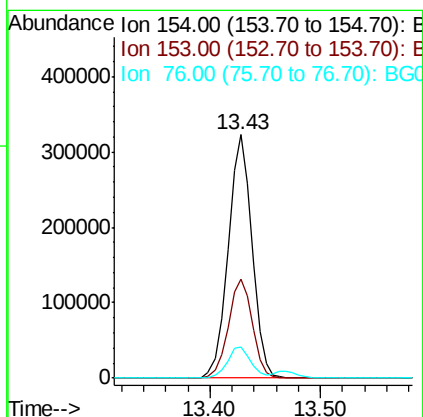
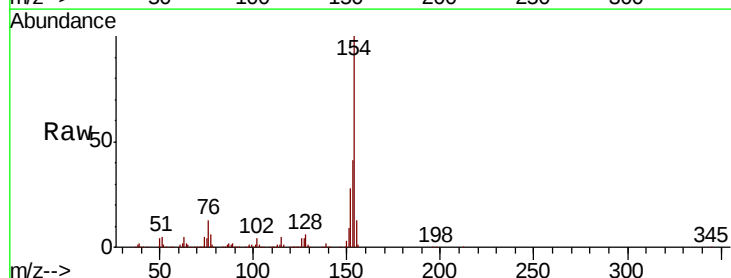
Instrument :
BNA_G
ClientSampleId :
PB129329BS

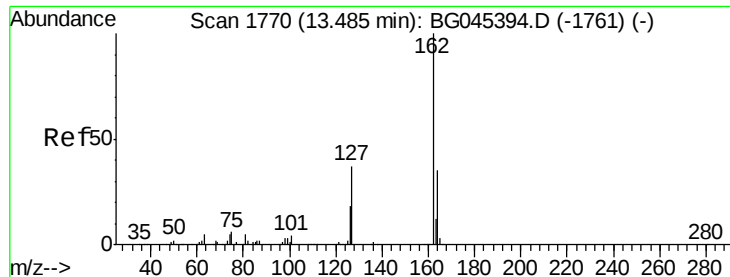
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.4	18.5	27.7



#46
1,1'-Biphenyl
Concen: 48.722 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.2	62.2
76	12.6	0.0	32.4

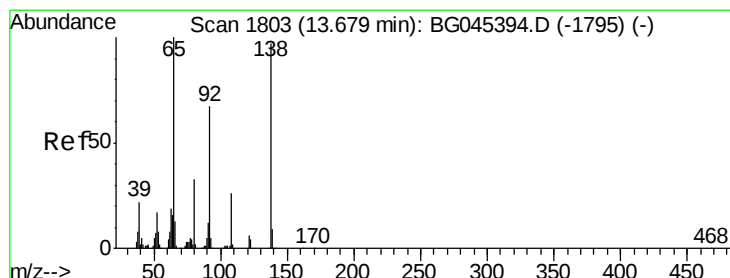
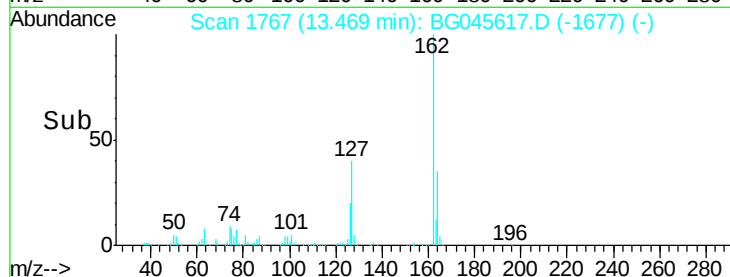
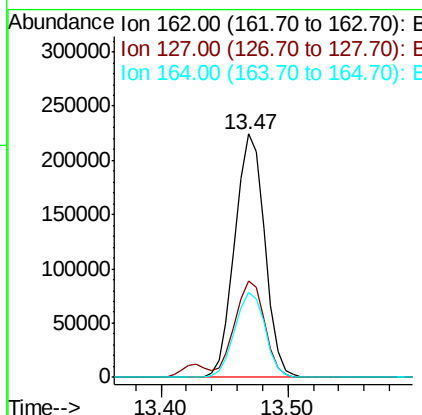
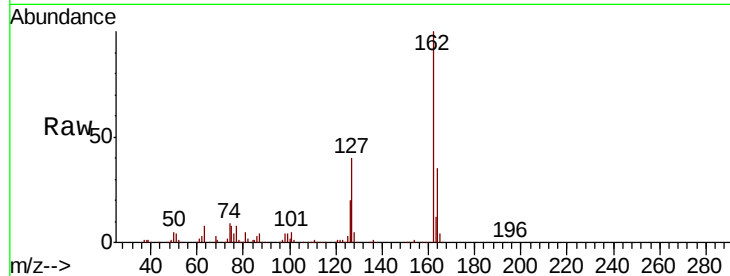




#47
2-Chloronaphthalene
Concen: 45.243 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

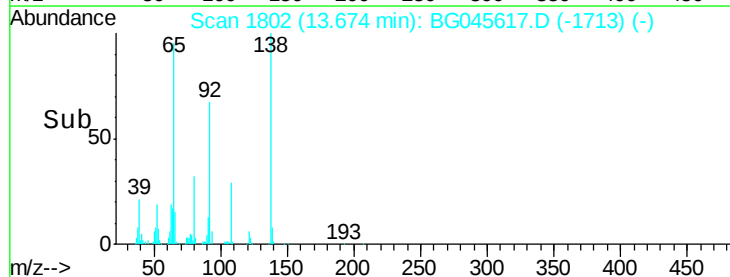
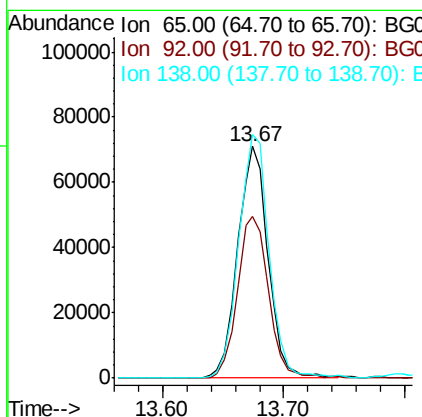
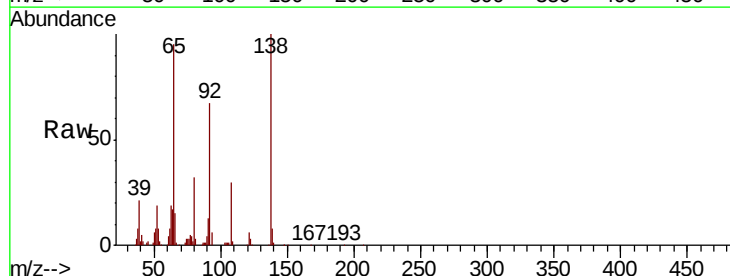
Instrument :
BNA_G
ClientSampleId :
PB129329BS

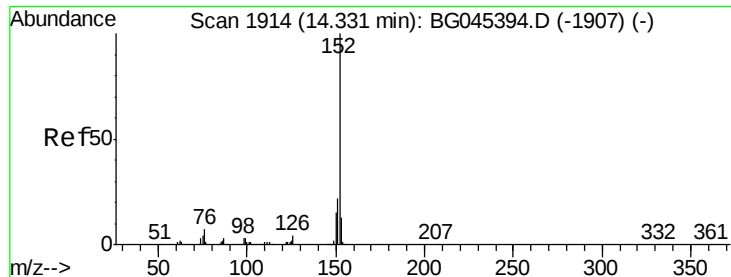
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.6	47.4
164	35.0	28.1	42.1



#48
2-Nitroaniline
Concen: 46.535 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.8	80.8
138	105.2	77.9	116.9





#49

Acenaphthylene

Concen: 47.140 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

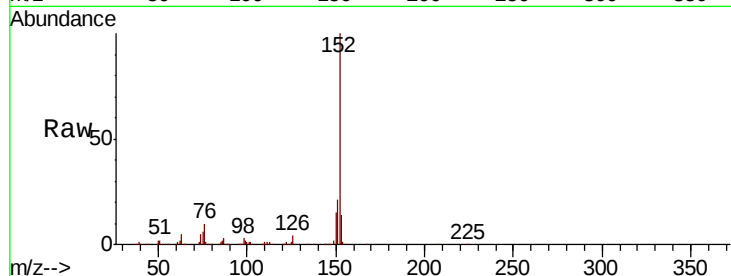
Tot Ion:152 Resp: 614387

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.2

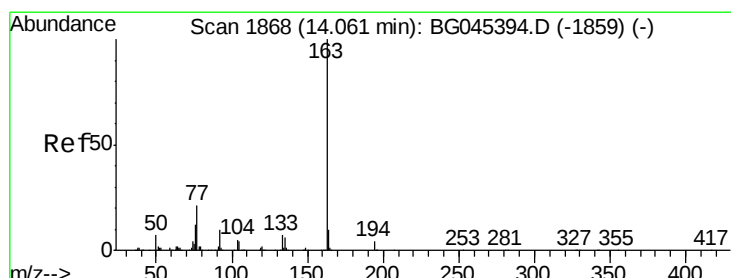
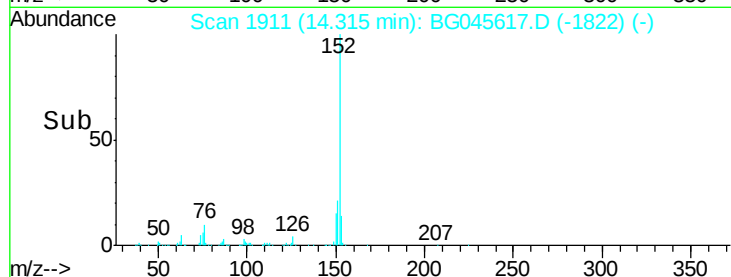
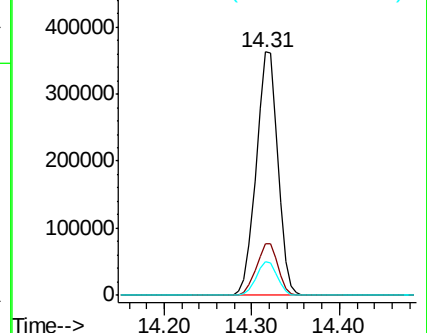
153 13.6 10.7 16.1



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: 45.079 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

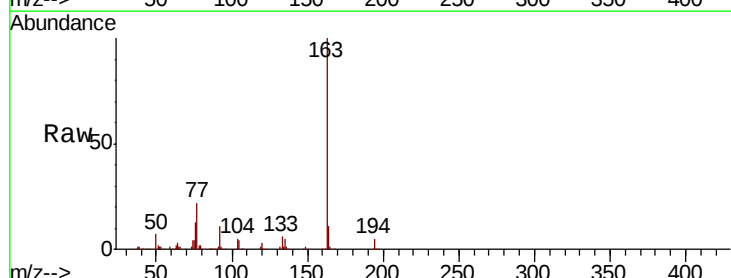
Tgt Ion:163 Resp: 502885

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

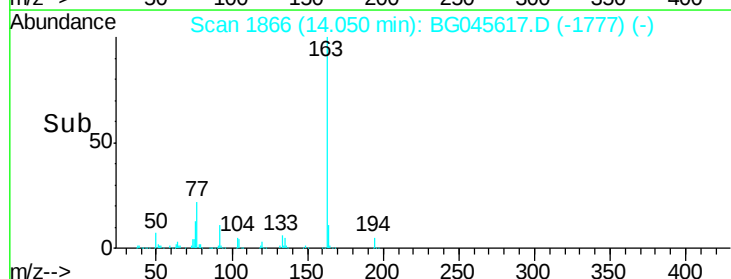
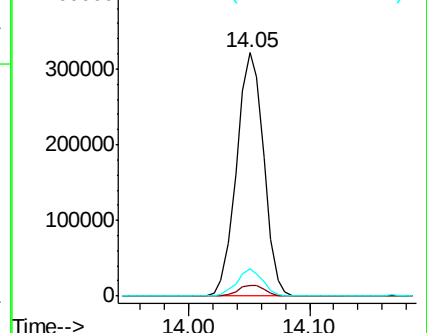
164 11.2 8.3 12.5

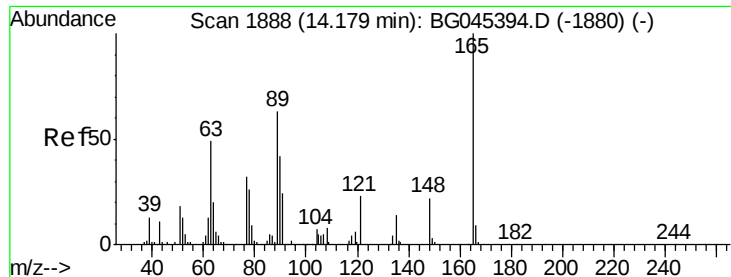


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

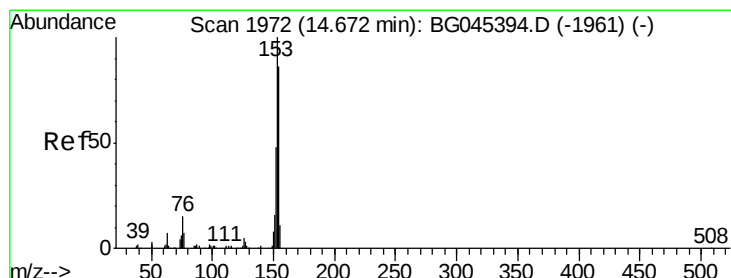
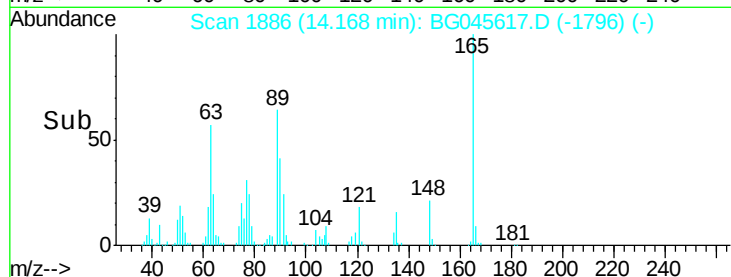
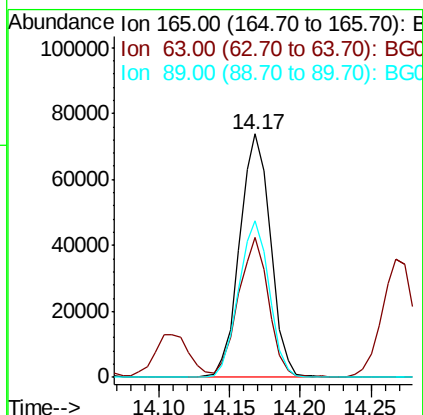
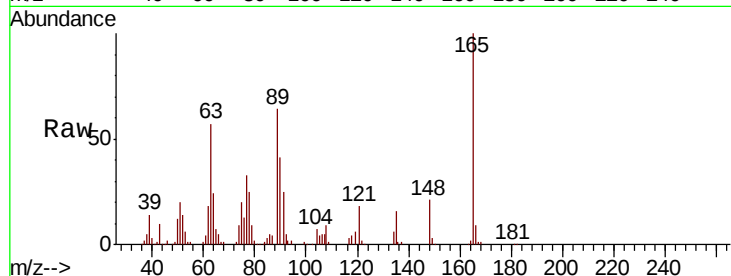




#51
 2,6-Dinitrotoluene
 Concen: 44.855 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

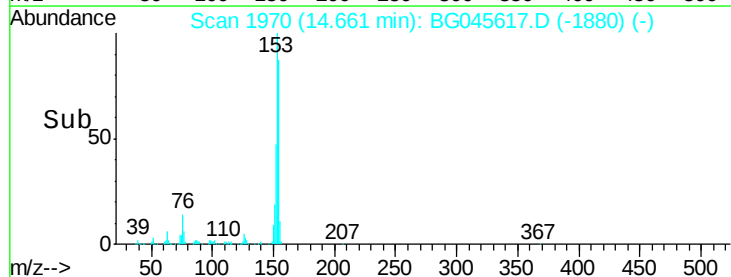
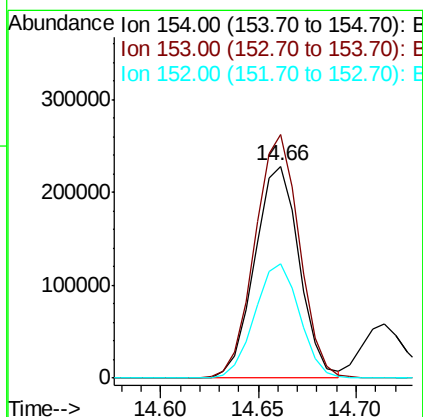
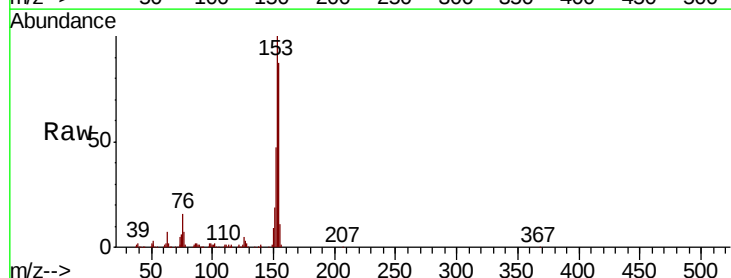
Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

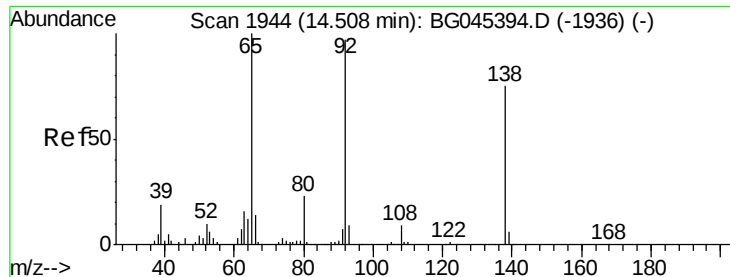
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	45.0	67.4
89	64.3	50.2	75.4



#52
 Acenaphthene
 Concen: 41.545 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	92.8	139.2
152	53.7	44.6	66.8

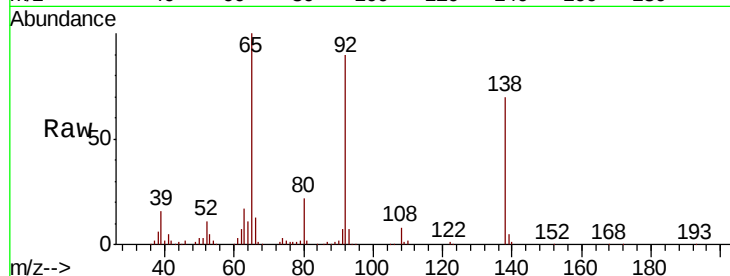




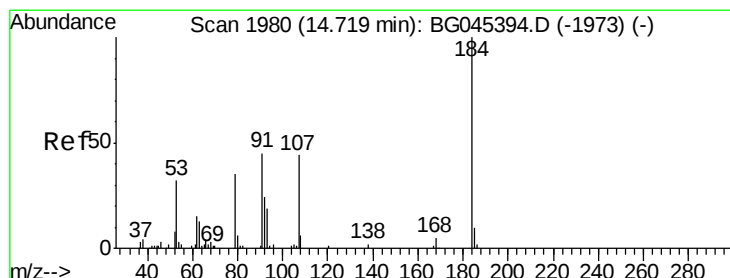
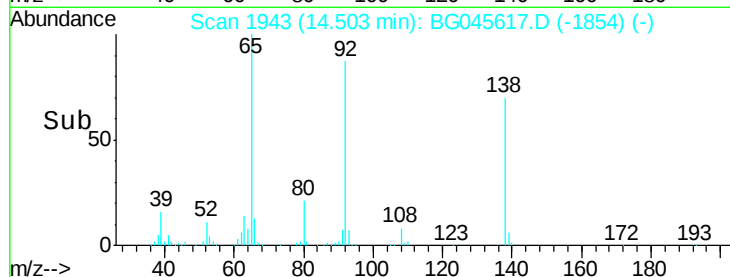
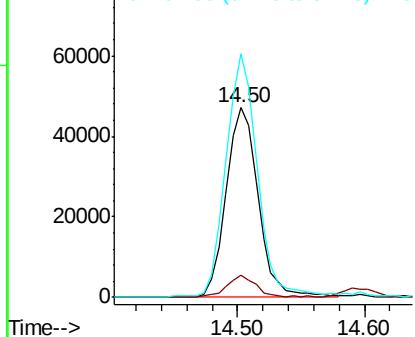
#53
3-Nitroaniline
Concen: 32.238 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion:138 Resp: 82495
Ion Ratio Lower Upper
138 100
108 12.0 9.8 14.6
92 128.7 103.0 154.4

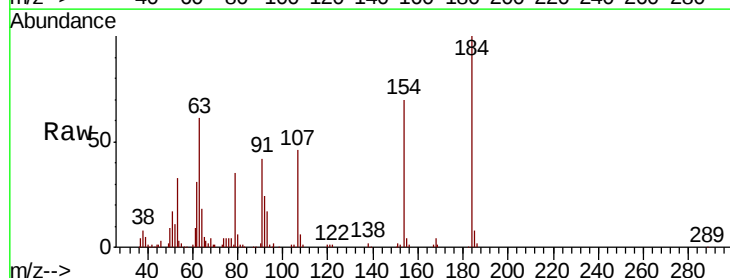


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

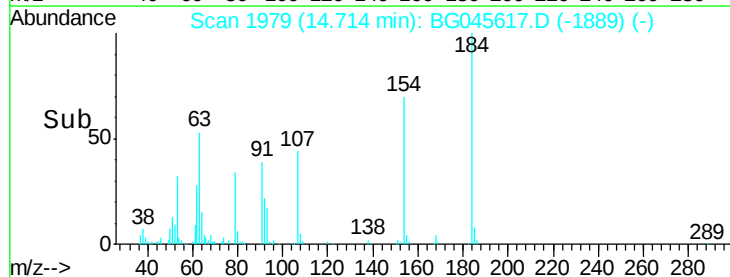
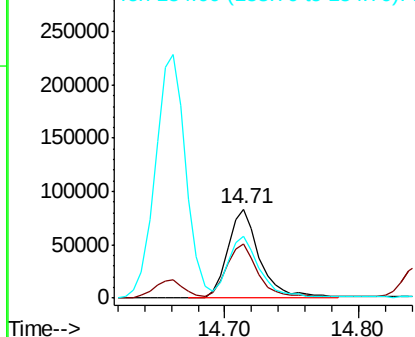


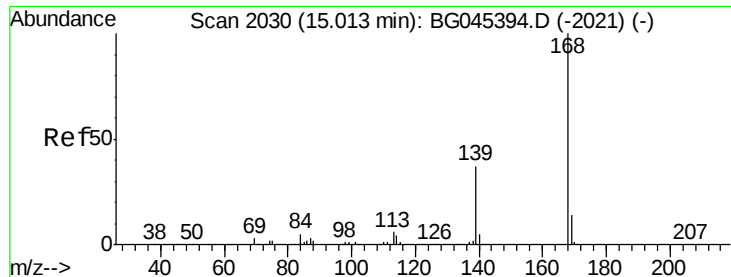
#54
2,4-Dinitrophenol
Concen: 84.356 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion:184 Resp: 139627
Ion Ratio Lower Upper
184 100
63 61.3 47.8 71.6
154 70.2 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

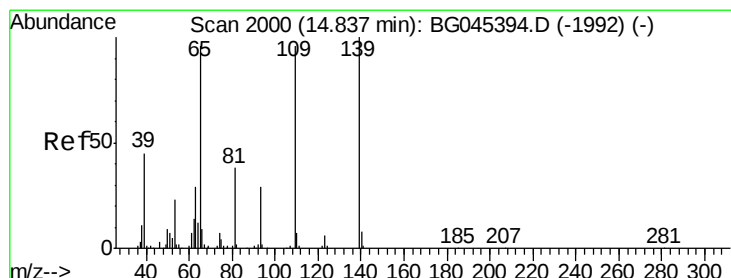
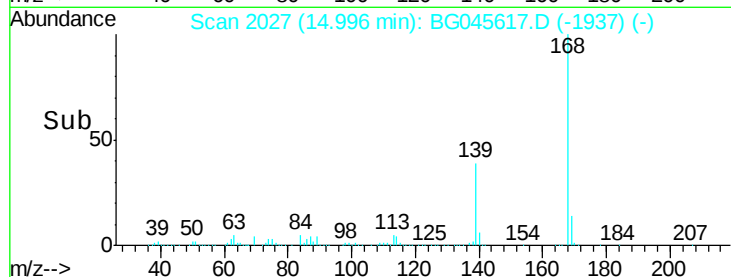
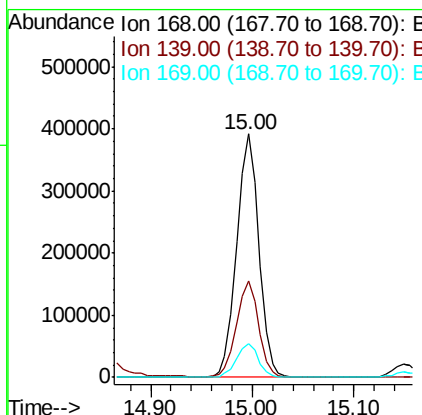
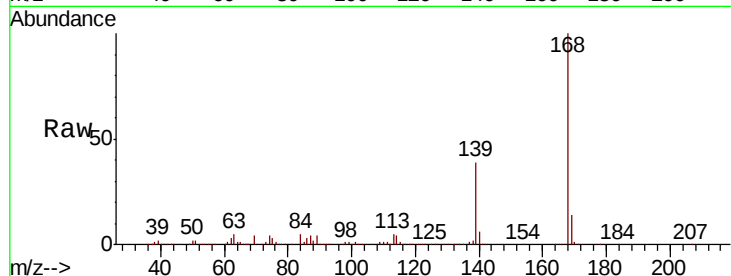




#55
Dibenzofuran
Concen: 45.933 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

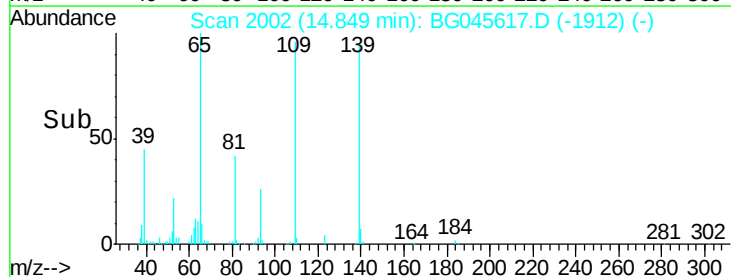
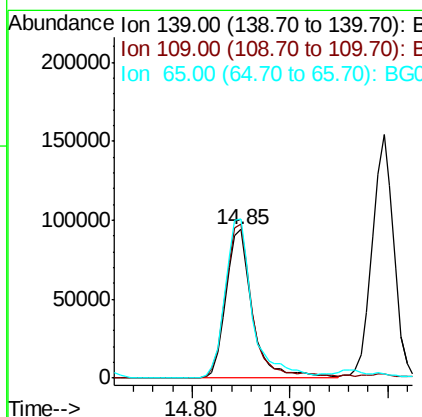
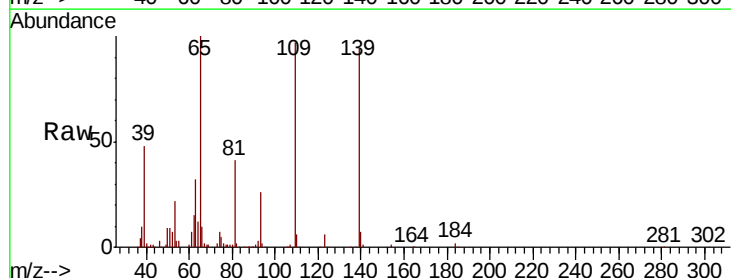
Instrument :
BNA_G
ClientSampleId :
PB129329BS

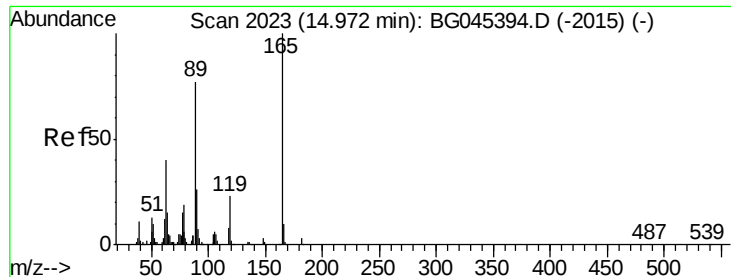
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.9	44.9
169	13.8	10.9	16.3



#56
4-Nitrophenol
Concen: 92.251 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.7	75.6	115.6
65	106.8	76.8	116.8

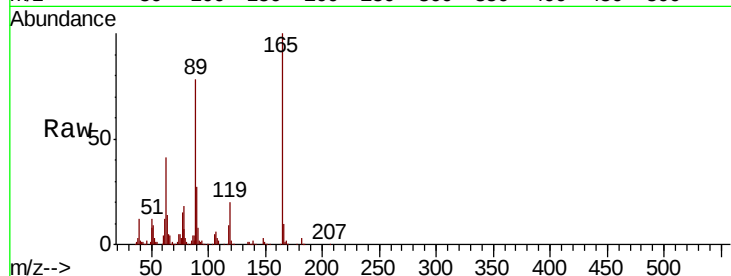




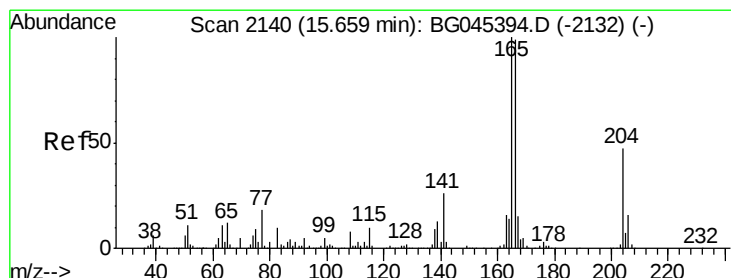
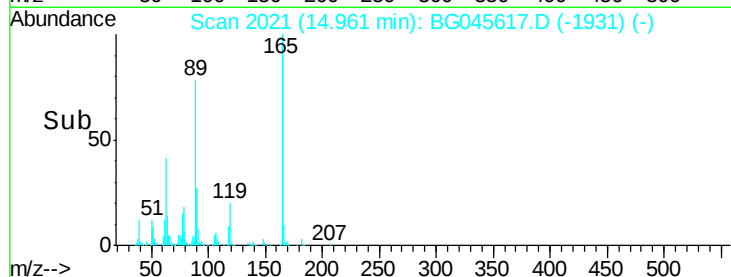
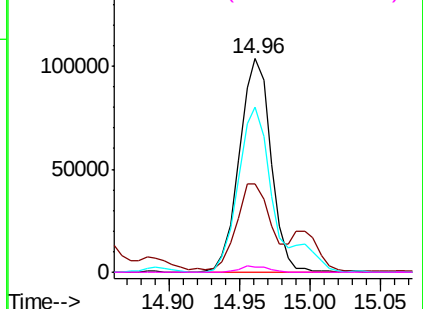
#57
2,4-Dinitrotoluene
Concen: 44.665 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion:165 Resp: 162833
Ion Ratio Lower Upper
165 100
63 41.3 32.5 48.7
89 77.5 61.8 92.6
182 2.6 2.3 3.5

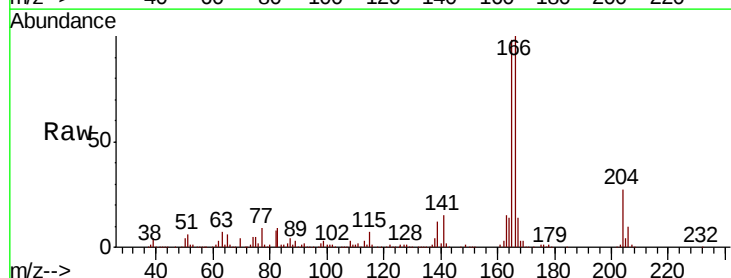


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

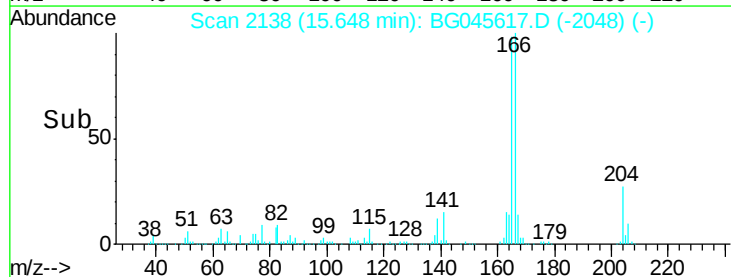
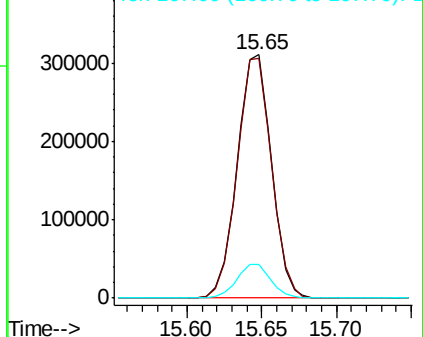


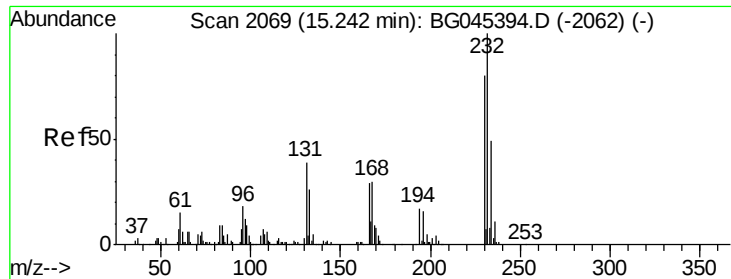
#58
Fluorene
Concen: 46.498 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion:166 Resp: 494904
Ion Ratio Lower Upper
166 100
165 98.4 80.8 121.2
167 13.7 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

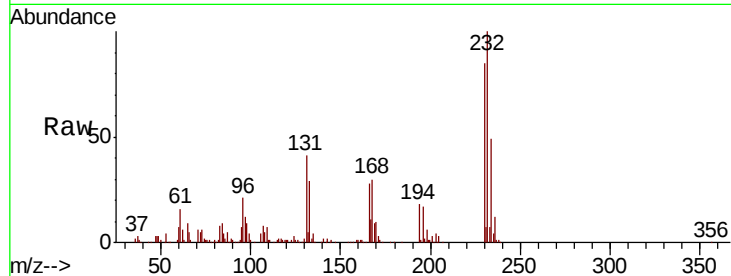




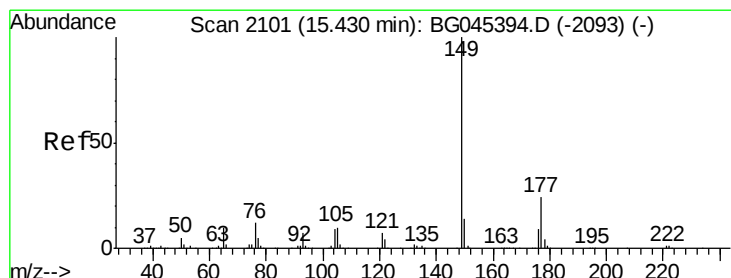
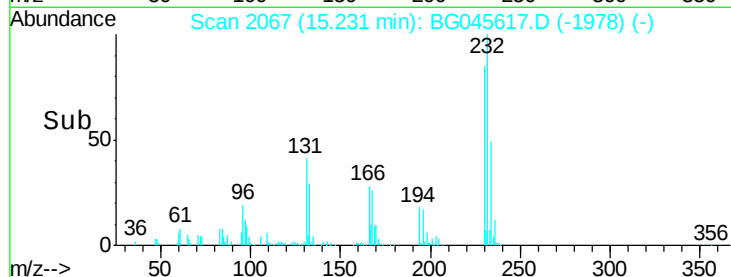
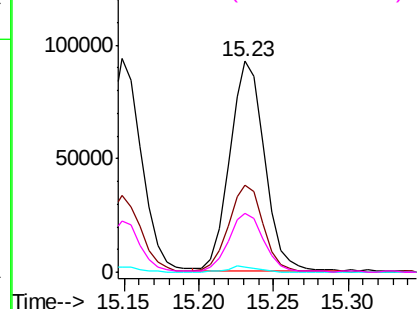
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.467 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

Tot Ion:	232	Resp:	150574
Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.7	50.5
130	2.6	2.1	3.1
166	28.3	23.2	34.8

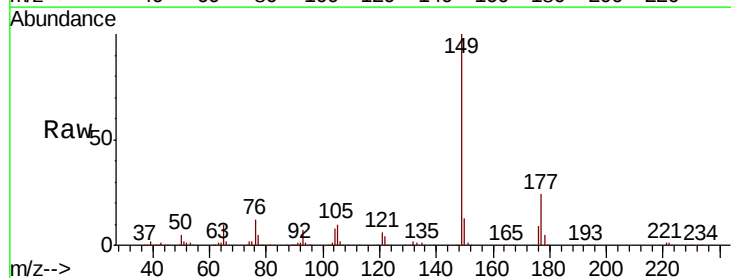


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

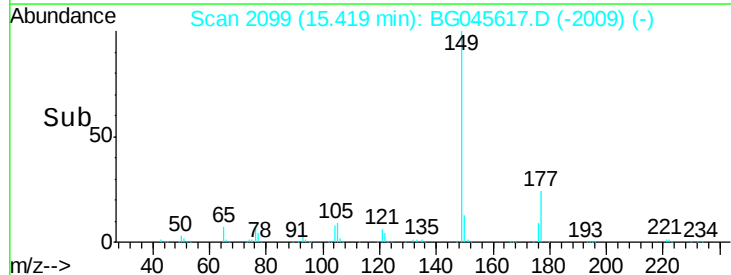
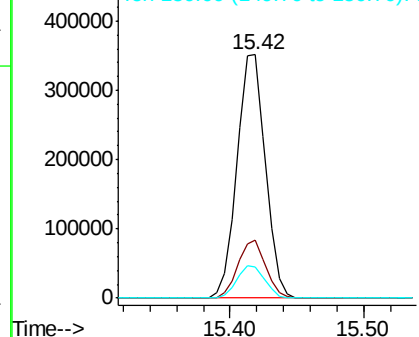


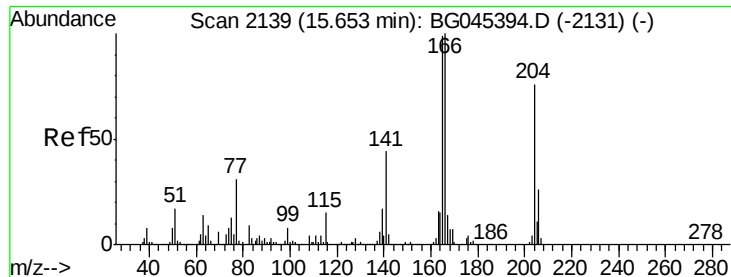
#60
 Diethylphthalate
 Concen: 44.867 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion:	149	Resp:	520954
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	12.9	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

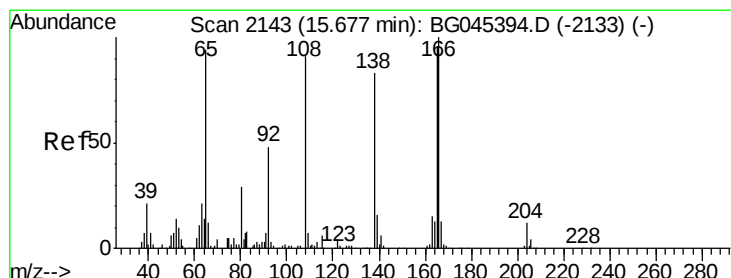
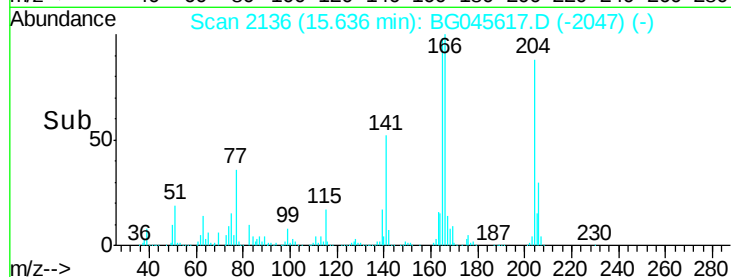
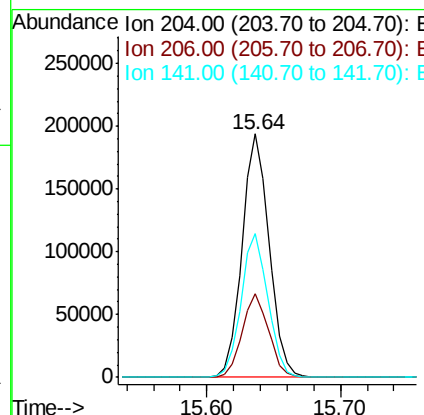
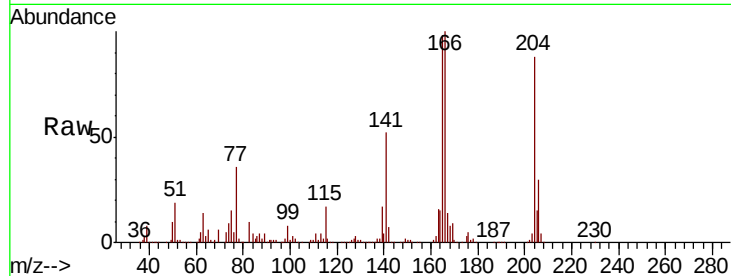




#61
4-Chlorophenyl-phenylether
Concen: 44.472 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

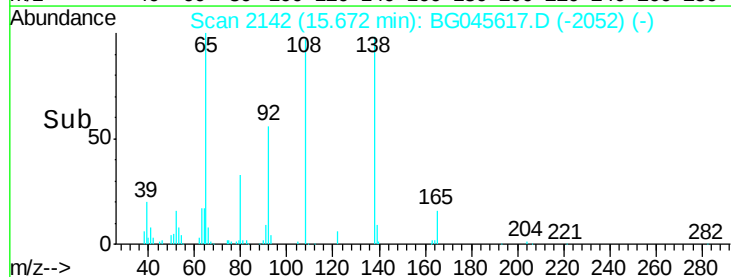
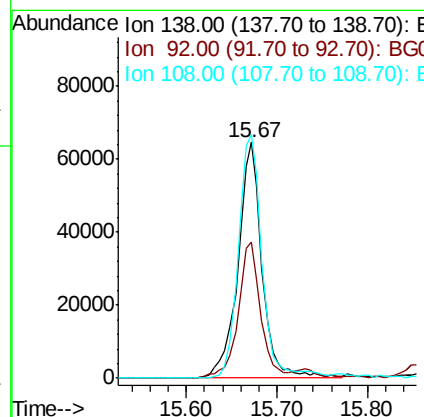
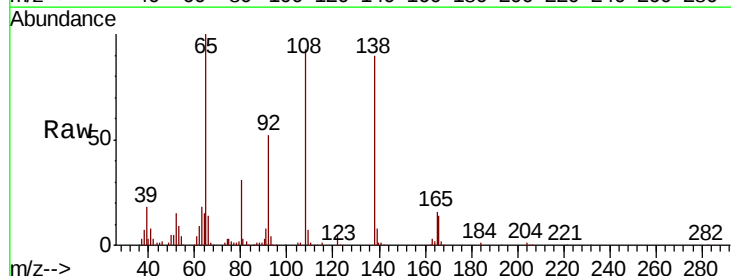
Instrument :
BNA_G
ClientSampleId :
PB129329BS

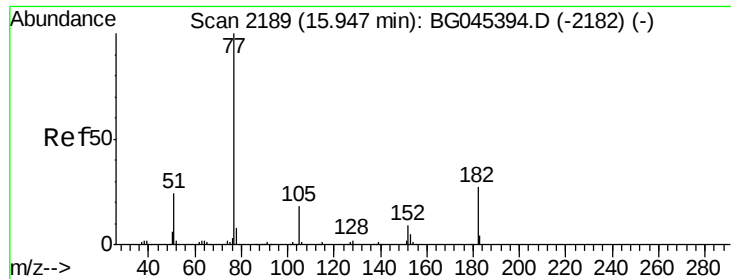
Tot Ion:204 Resp: 270862
Ion Ratio Lower Upper
204 100
206 34.4 27.3 40.9
141 59.0 45.9 68.9



#62
4-Nitroaniline
Concen: 44.901 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion:138 Resp: 119947
Ion Ratio Lower Upper
138 100
92 57.5 38.0 78.0
108 103.4 89.3 129.3

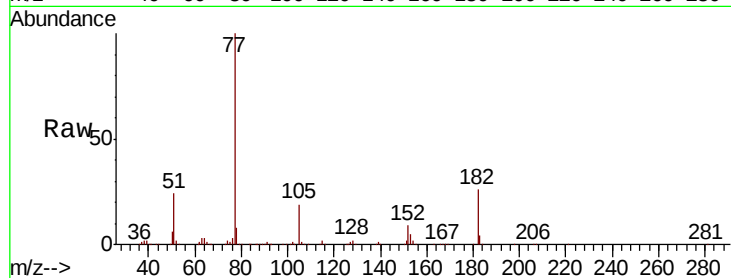




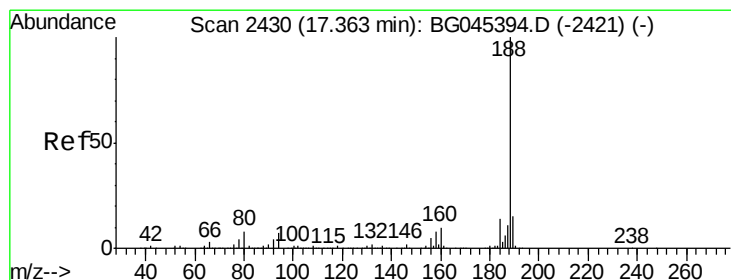
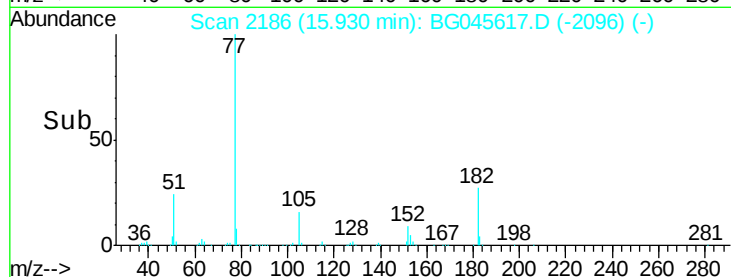
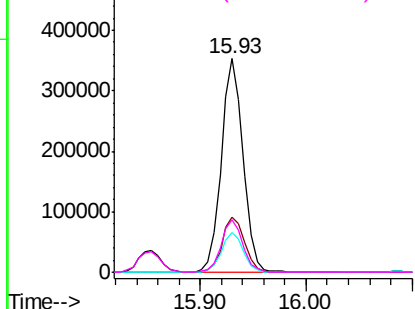
#63
Azobenzene
Concen: 46.339 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion: 77 Resp: 501696
Ion Ratio Lower Upper
77 100
182 26.1 6.5 46.5
105 18.7 0.0 37.9
51 24.4 4.1 44.1

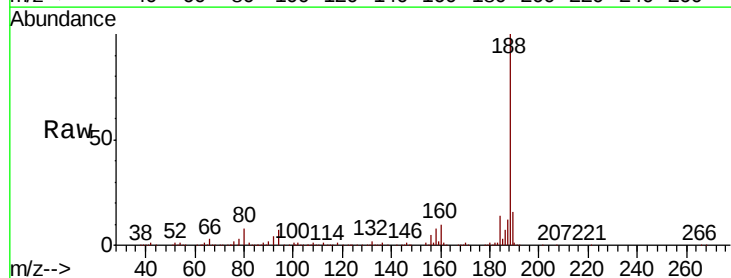


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

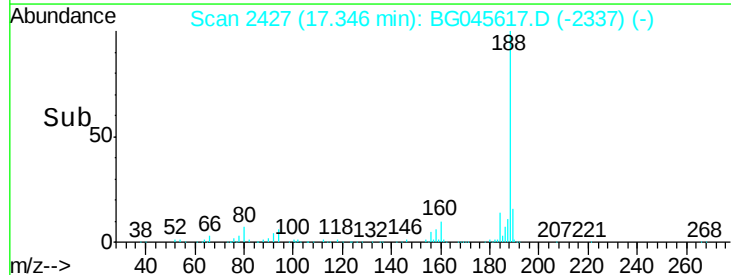
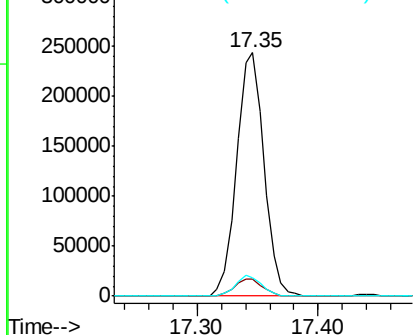


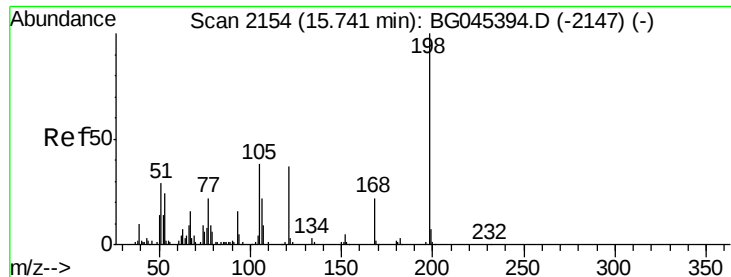
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion: 188 Resp: 384949
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 7.5 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

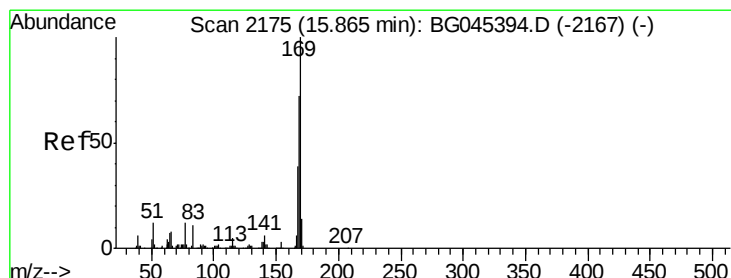
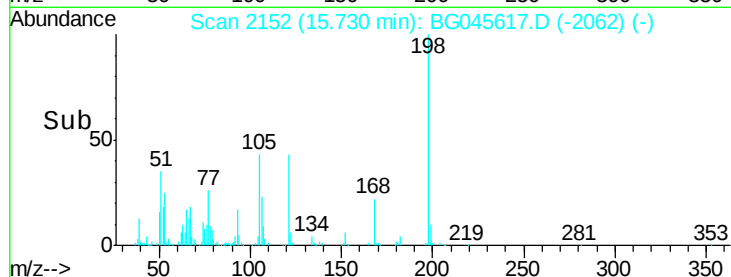
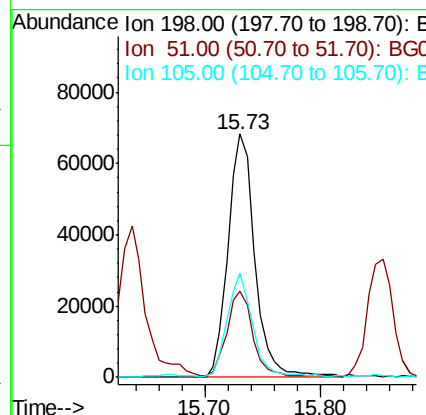
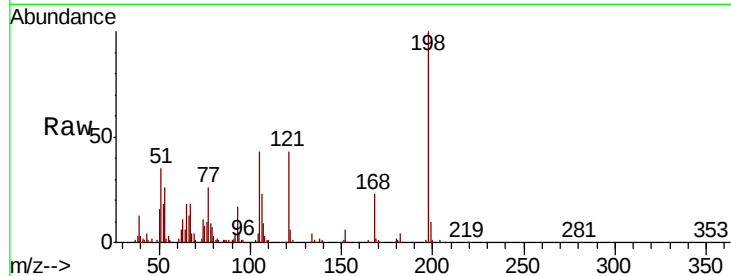




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.003 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

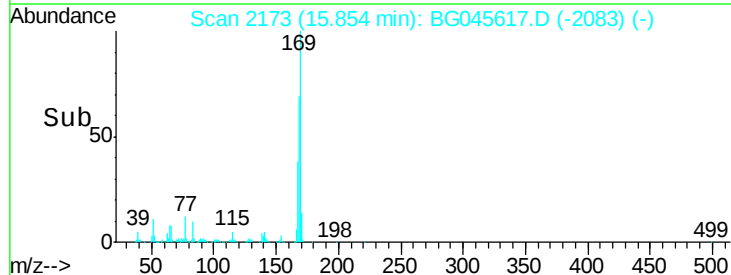
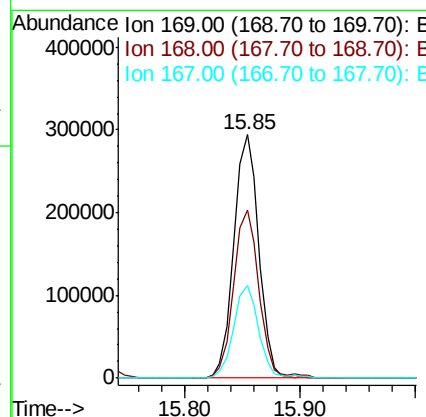
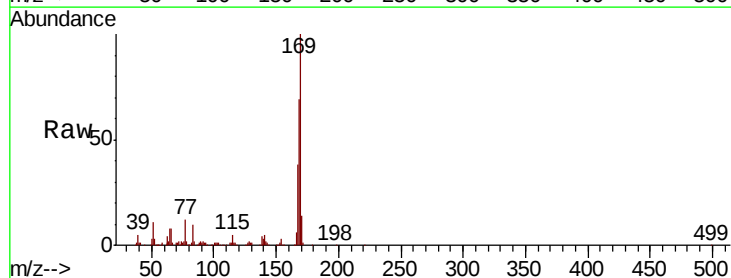
Instrument :
 BNA_G
 ClientSampleId :
 PB129329BS

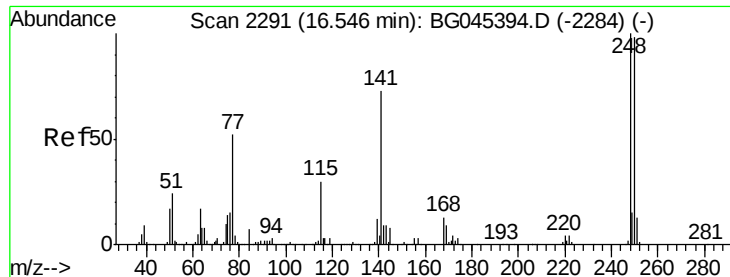
Tot Ion:198 Resp: 109861
 Ion Ratio Lower Upper
 198 100
 51 35.5 10.0 50.0
 105 42.9 18.9 58.9



#66
 n-Nitrosodiphenylamine
 Concen: 47.604 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG045617.D
 Acq: 5 Jun 2020 15:17

Tgt Ion:169 Resp: 439986
 Ion Ratio Lower Upper
 169 100
 168 68.8 57.8 86.6
 167 38.1 31.5 47.3

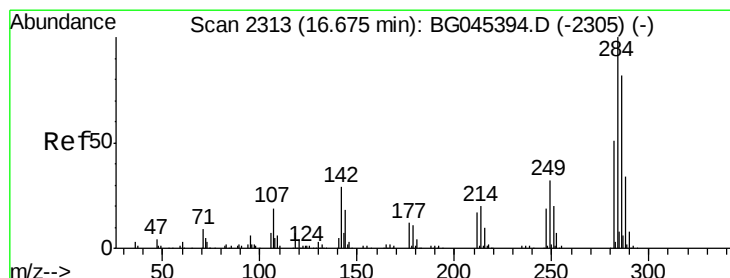
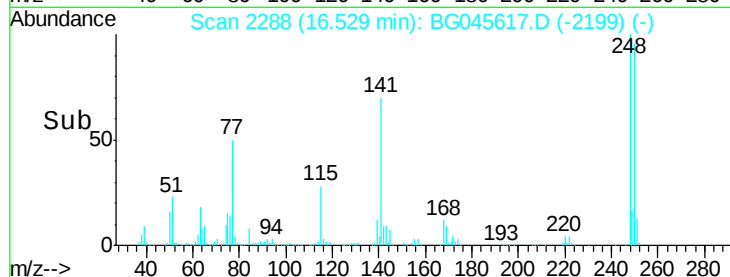
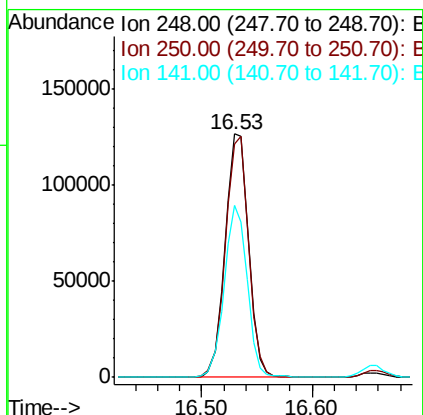
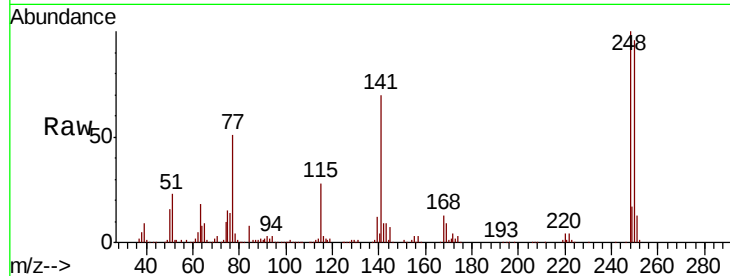




#67
4-Bromophenyl-phenylether
Concen: 45.297 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

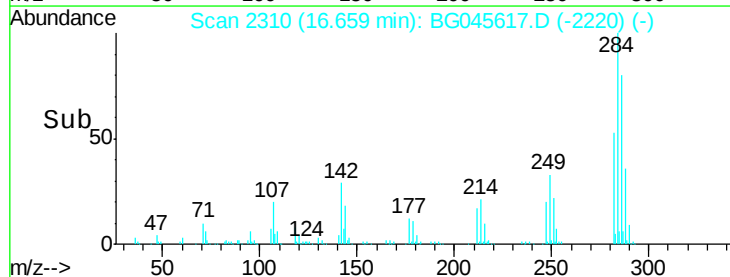
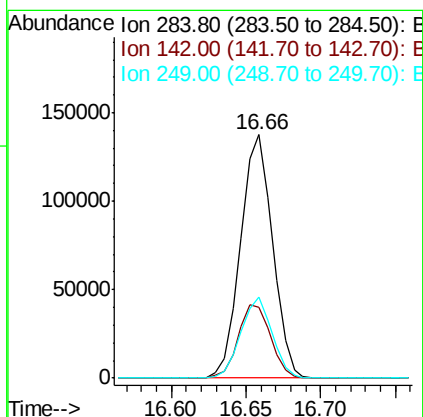
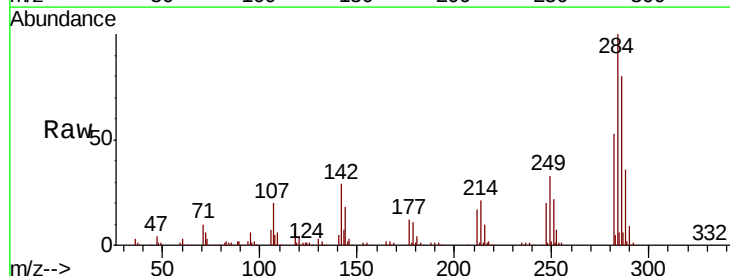
Instrument :
BNA_G
ClientSampleId :
PB129329BS

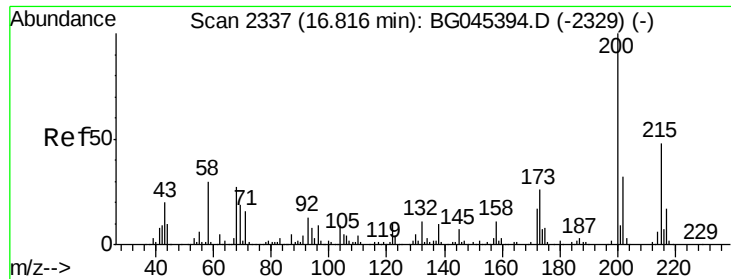
Tot Ion:248 Resp: 188814
Ion Ratio Lower Upper
248 100
250 95.7 78.6 117.8
141 70.4 58.2 87.2



#68
Hexachlorobenzene
Concen: 46.867 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion:284 Resp: 204331
Ion Ratio Lower Upper
284 100
142 29.3 23.0 34.6
249 33.3 25.8 38.6





#69

Atrazine

Concen: 44.699 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

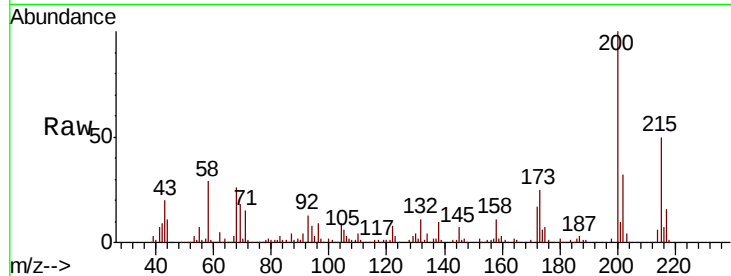
Tot Ion:200 Resp: 170166

Ion Ratio Lower Upper

200 100

173 24.9 5.5 45.5

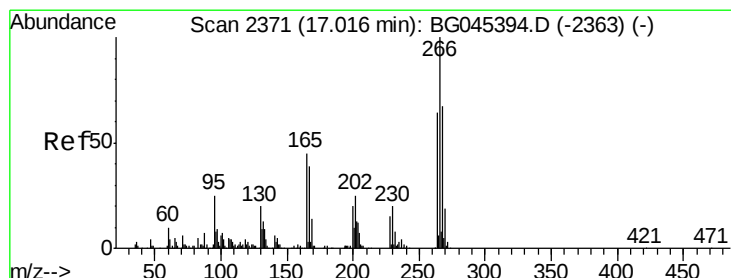
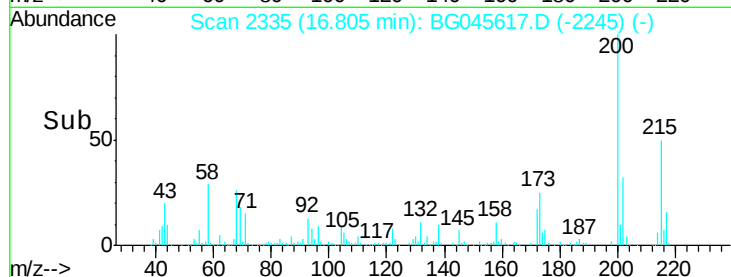
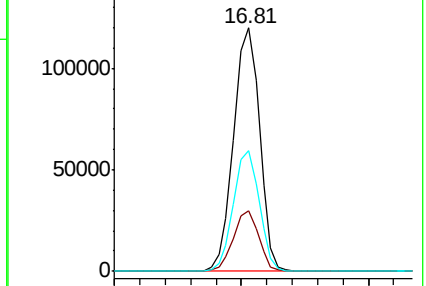
215 49.5 28.2 68.2



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: 102.625 ng

RT: 17.01 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

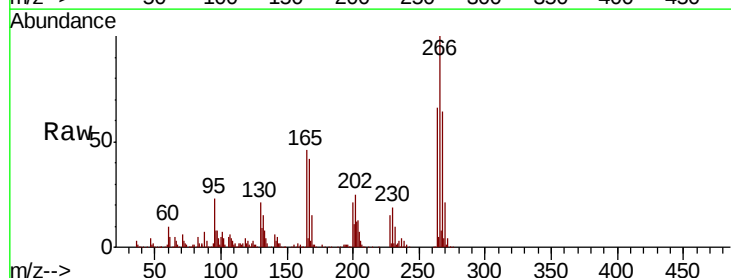
Tgt Ion:266 Resp: 232319

Ion Ratio Lower Upper

266 100

268 64.5 53.2 79.8

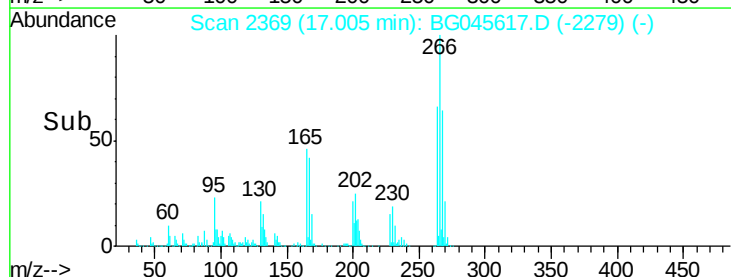
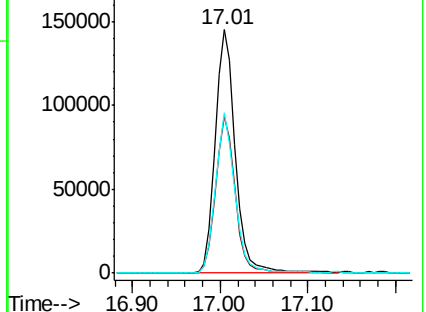
264 66.0 51.0 76.4

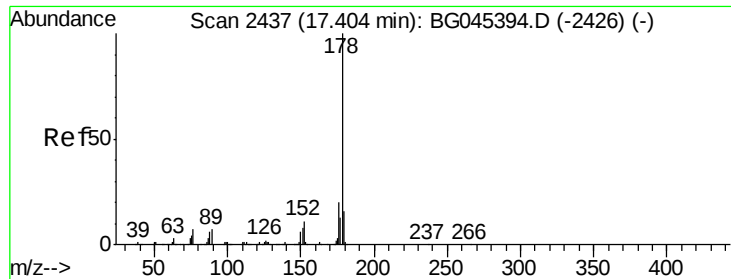


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.873 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

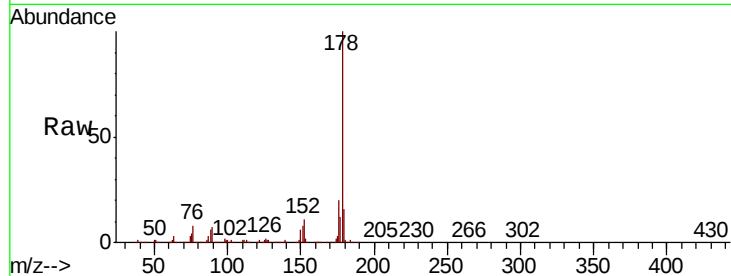
Tot Ion:178 Resp: 804513

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

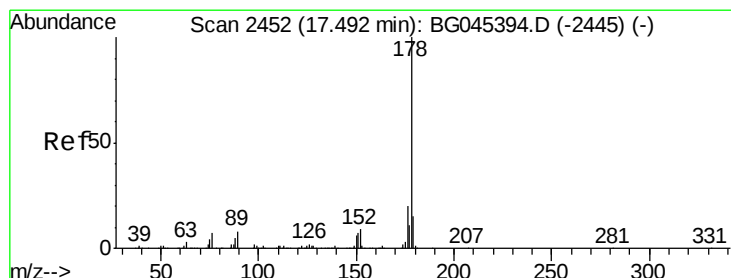
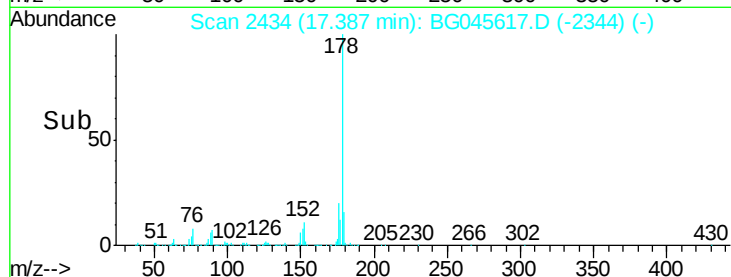
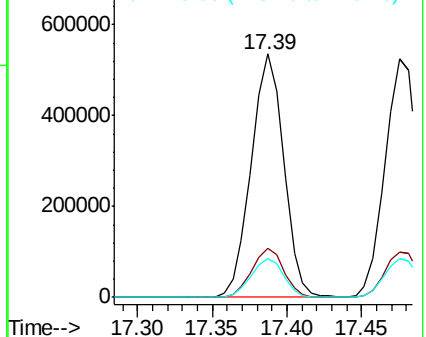
179 15.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.671 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

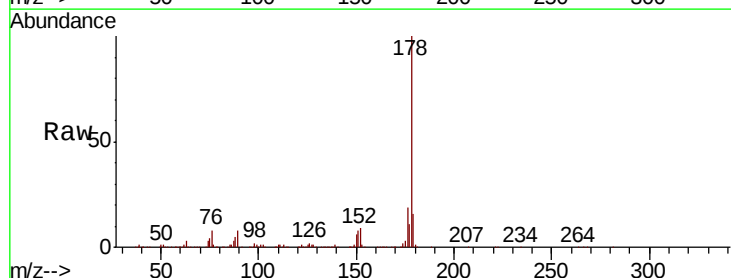
Tgt Ion:178 Resp: 821378

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

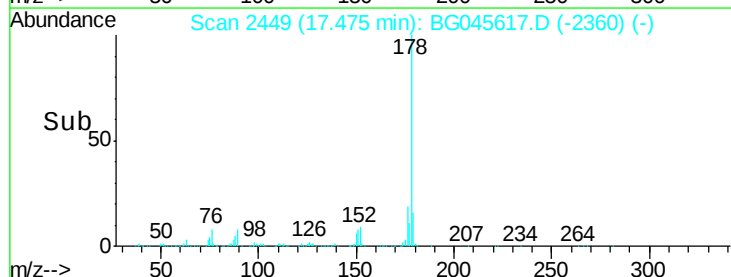
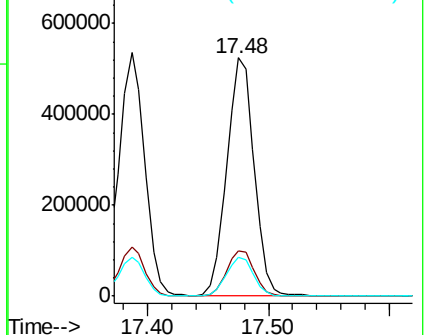
179 16.4 12.2 18.4

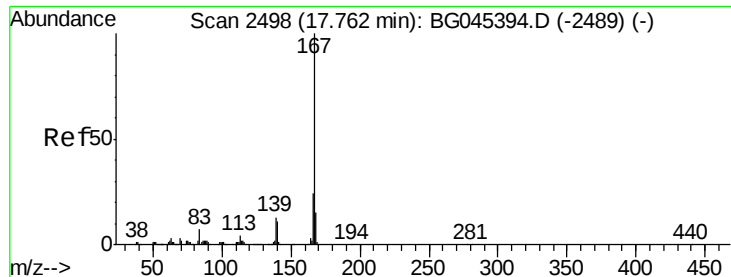


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.891 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

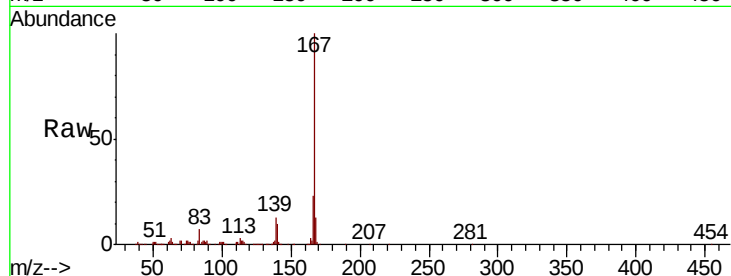
Tot Ion:167 Resp: 771376

Ion Ratio Lower Upper

167 100

166 23.0 19.2 28.8

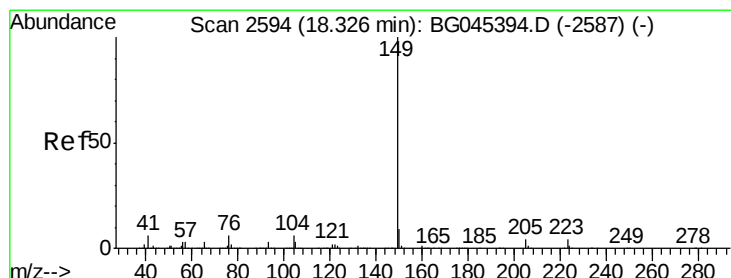
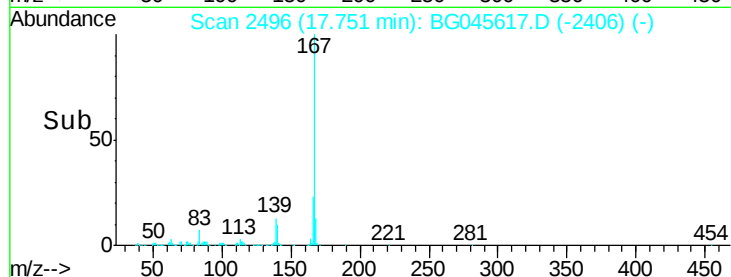
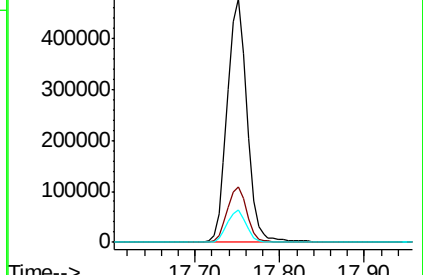
139 13.2 10.6 16.0



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: 46.344 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

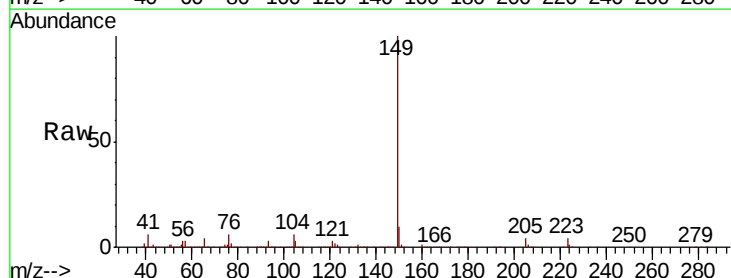
Tgt Ion:149 Resp: 915039

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

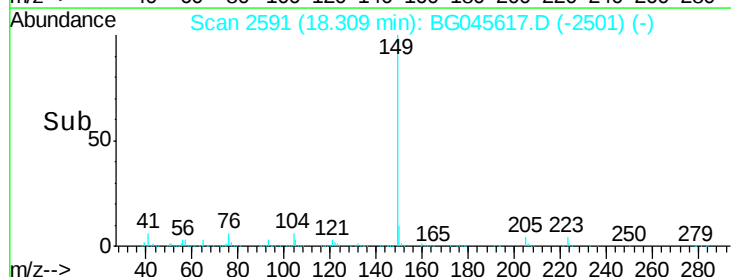
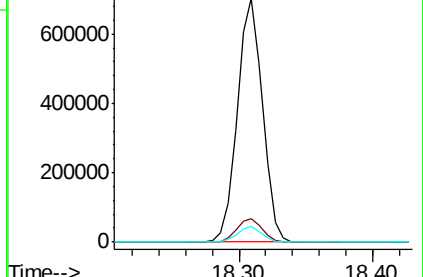
104 6.4 5.0 7.4

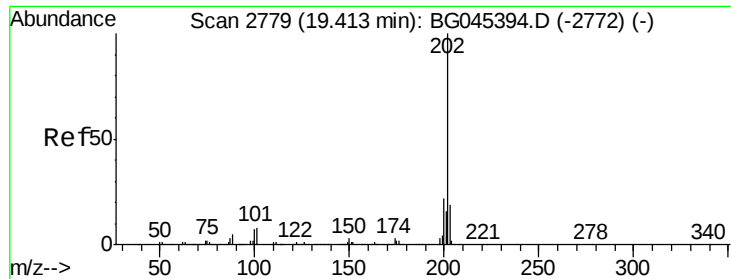


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.252 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

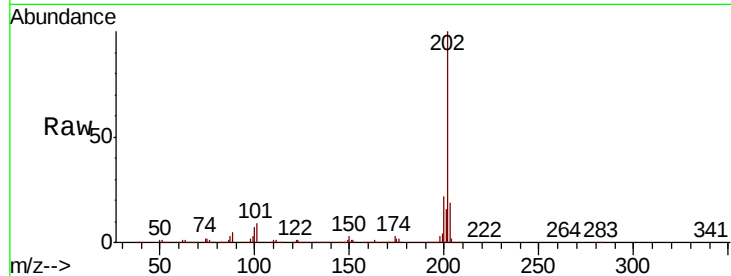
Tot Ion:202 Resp: 1031386

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.3
203	19.4	0.0	39.0

202 100

101 8.6 0.0 28.3

203 19.4 0.0 39.0

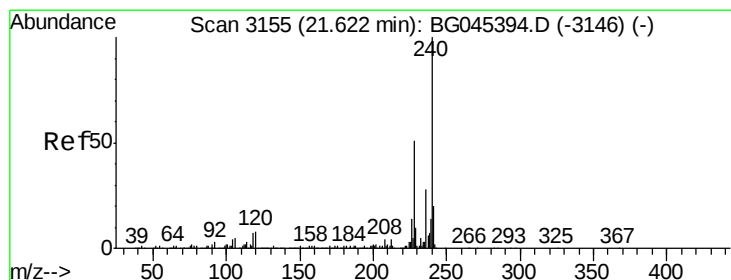
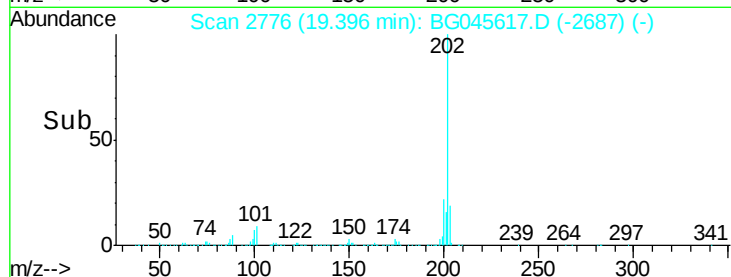
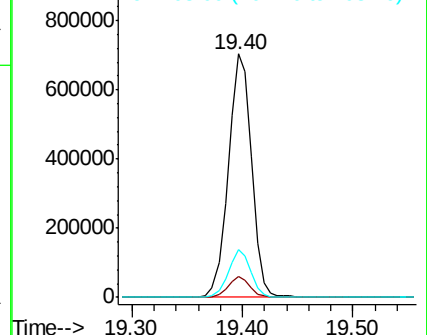


Abundance

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: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

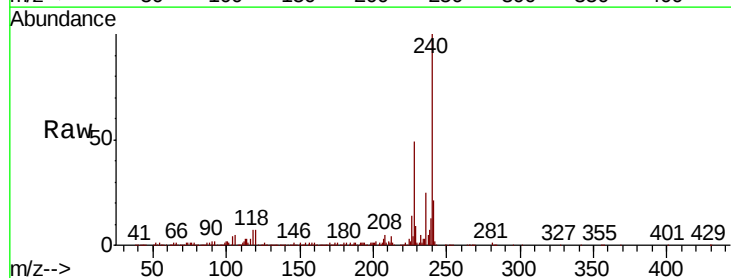
Tgt Ion:240 Resp: 383598

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	25.4	22.3	33.5

240 100

120 6.7 6.1 9.1

236 25.4 22.3 33.5

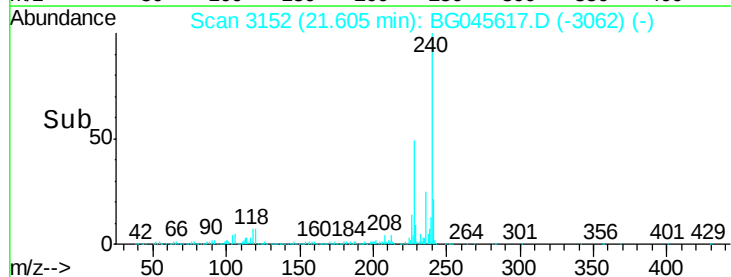
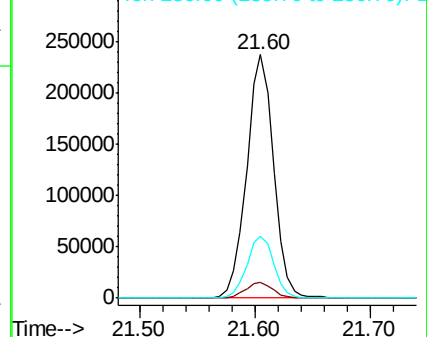


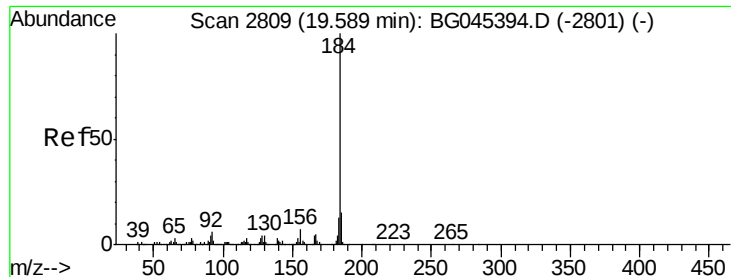
Abundance

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: 51.287 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

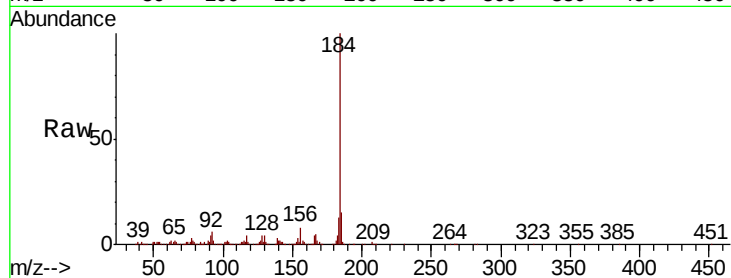
BNA_G

ClientSampleId :

PB129329BS

Tot Ion:184 Resp: 552546

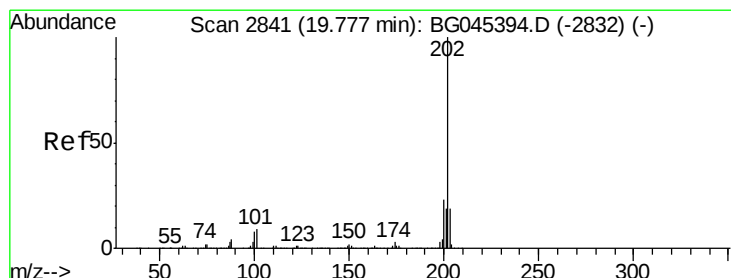
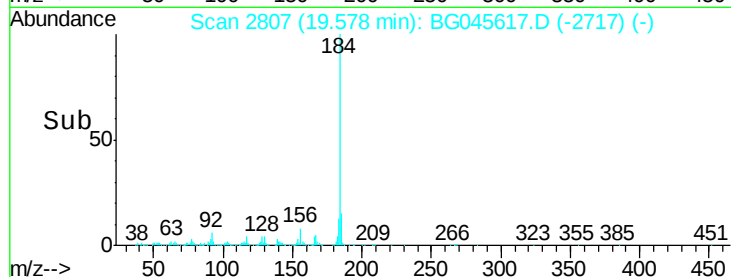
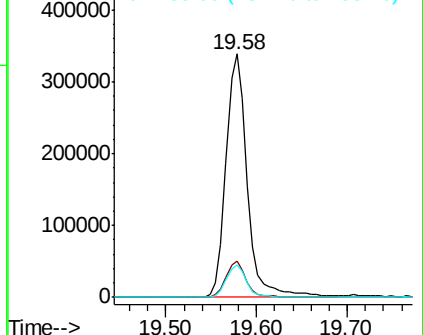
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.7	17.5
183	13.2	10.2	15.4



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: 47.115 ng

RT: 19.76 min Scan# 2838

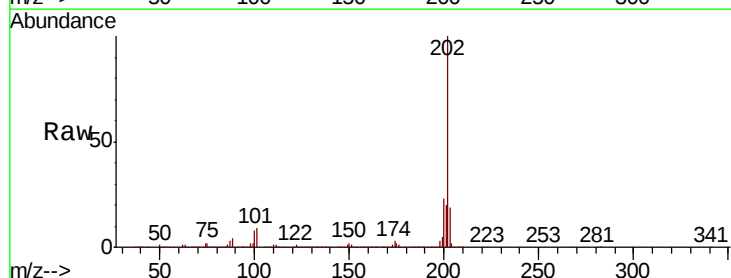
Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Tgt Ion:202 Resp: 1030239

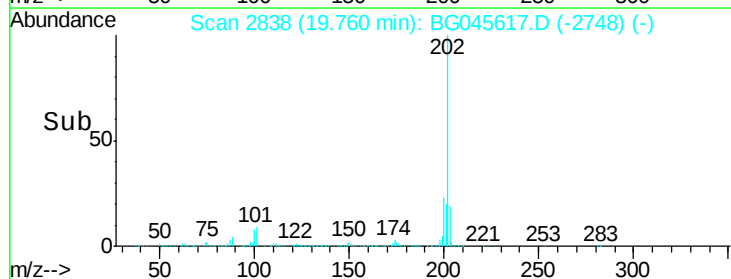
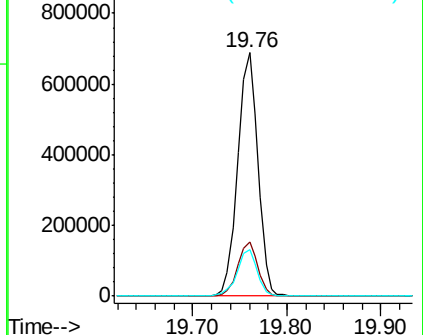
Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	19.1	15.1	22.7

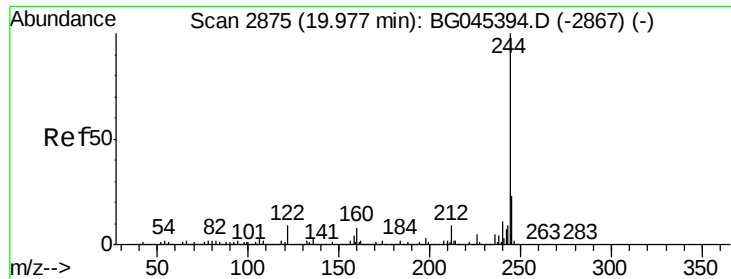


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.083 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

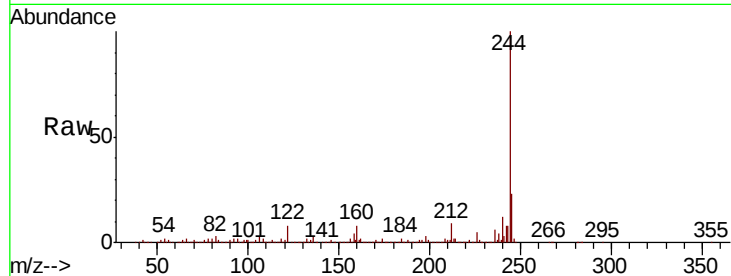
Tot Ion:244 Resp: 1596751

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

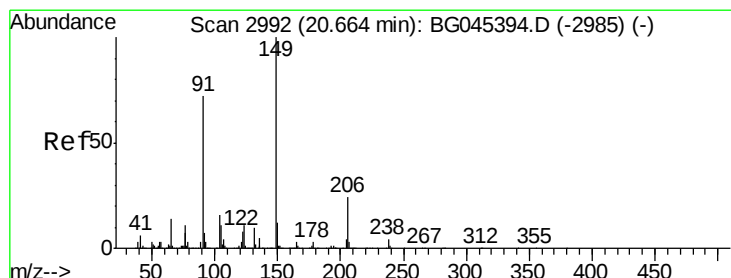
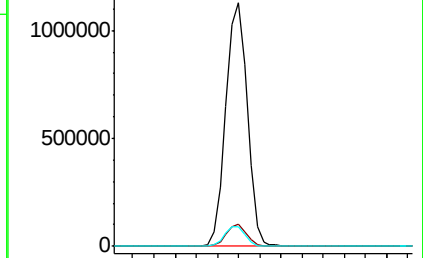
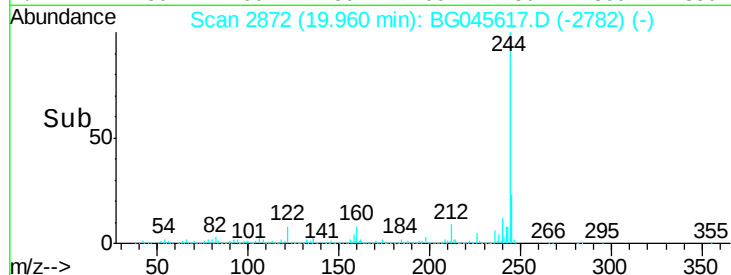
122 8.1 6.8 10.2



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



#80

Butylbenzylphthalate

Concen: 45.679 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

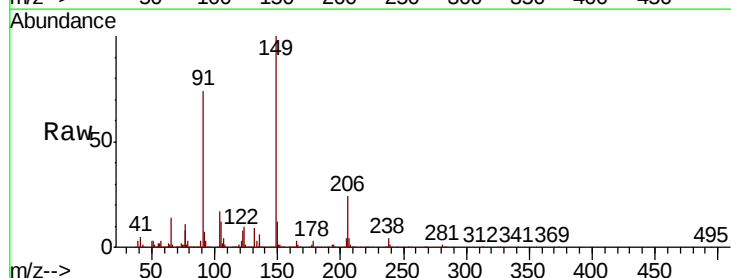
Tgt Ion:149 Resp: 431135

Ion Ratio Lower Upper

149 100

91 74.1 57.8 86.6

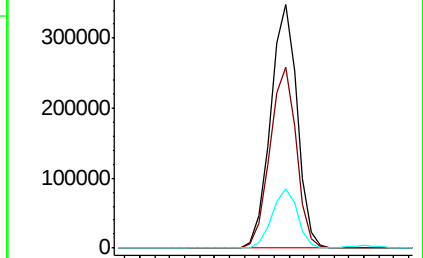
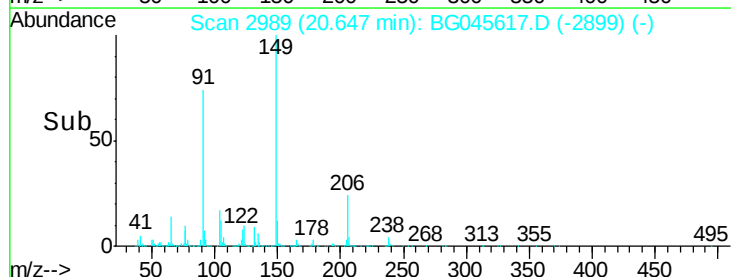
206 24.2 19.1 28.7

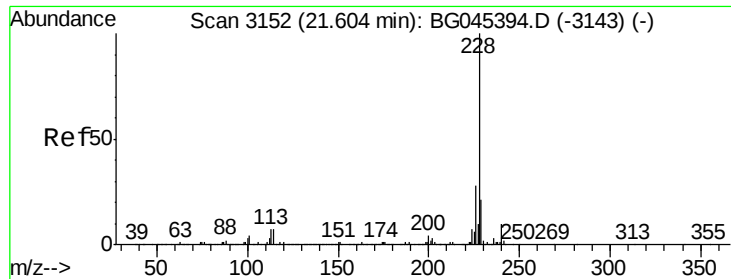


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.541 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

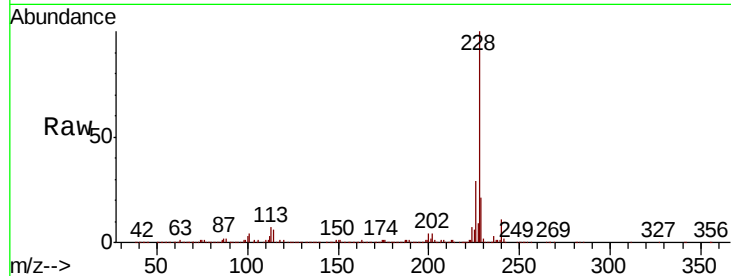
BNA_G

ClientSampleId :

PB129329BS

Tot Ion:228 Resp: 1015910

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.9	16.7	25.1

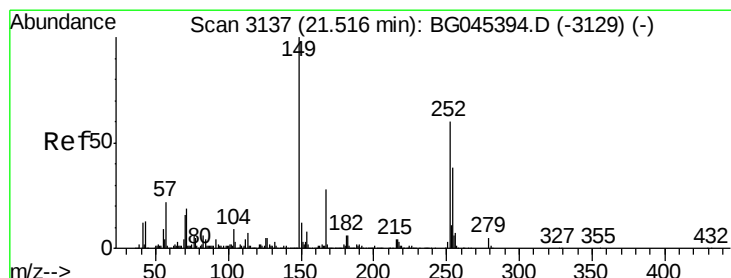
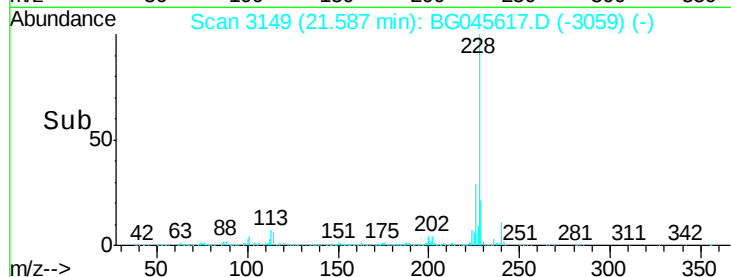
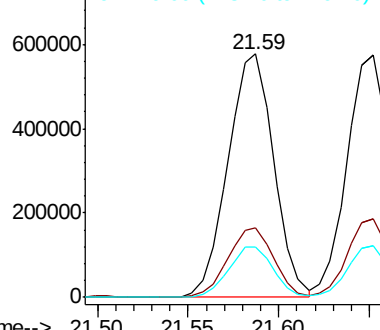


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.794 ng

RT: 21.50 min Scan# 3134

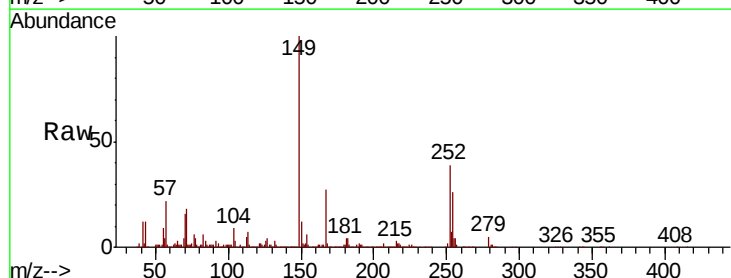
Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Tgt Ion:252 Resp: 283272

Ion	Ratio	Lower	Upper
252	100		
254	67.0	51.3	76.9
126	8.0	6.6	10.0

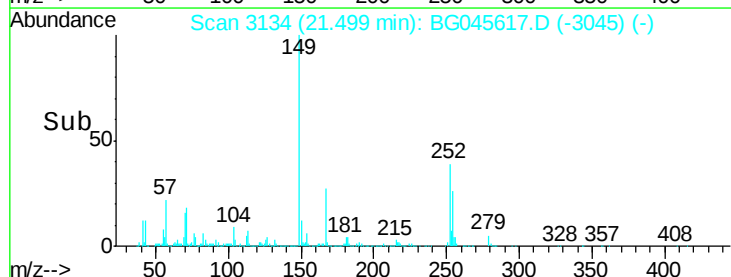
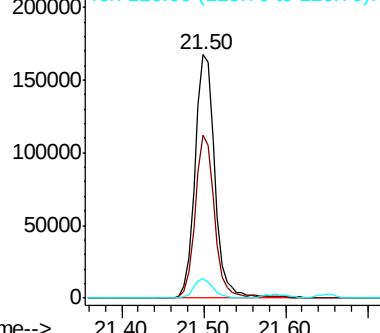


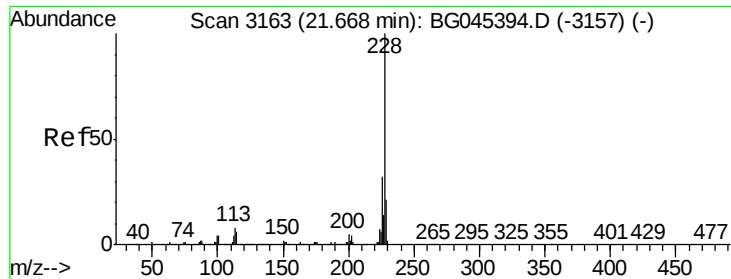
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.823 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

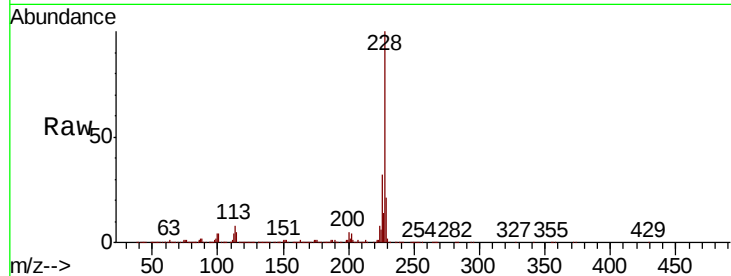
Tot Ion:228 Resp: 962086

Ion Ratio Lower Upper

228 100

226 32.1 25.2 37.8

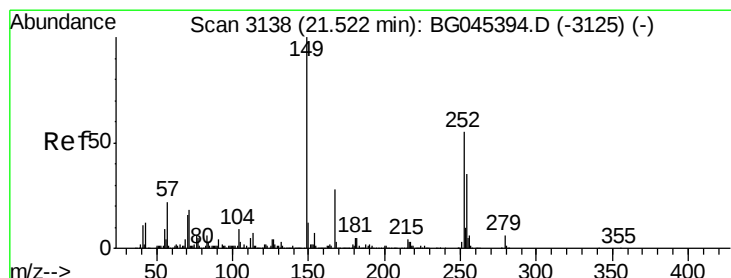
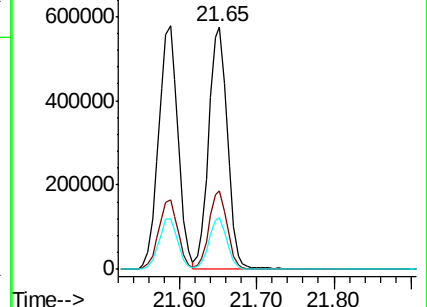
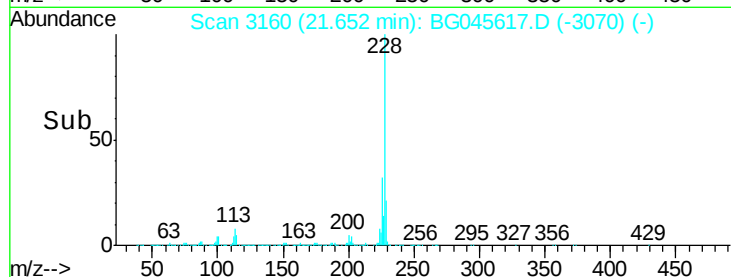
229 21.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.253 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

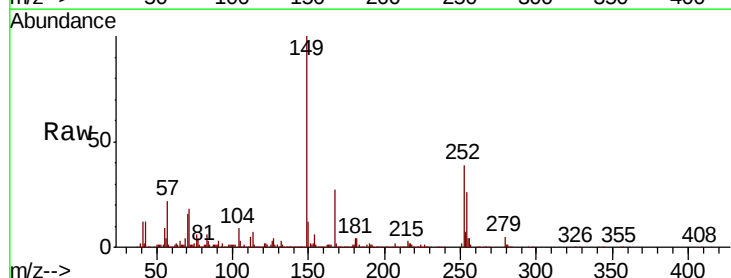
Tgt Ion:149 Resp: 600099

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

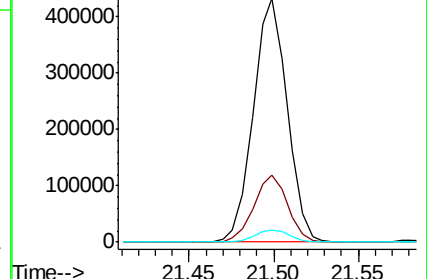
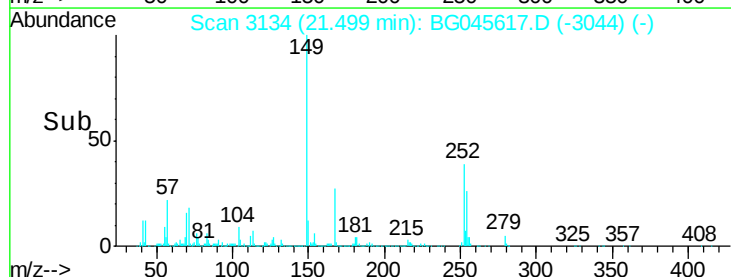
279 4.9 4.7 7.1

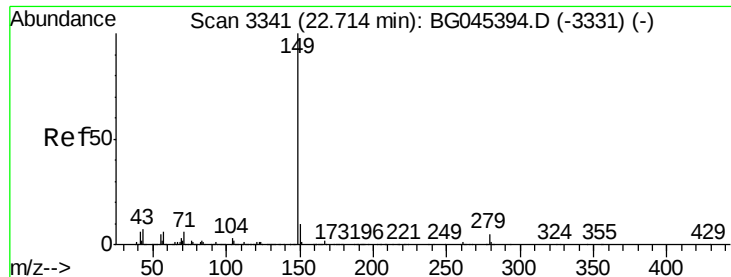


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.315 ng

RT: 22.69 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB129329BS

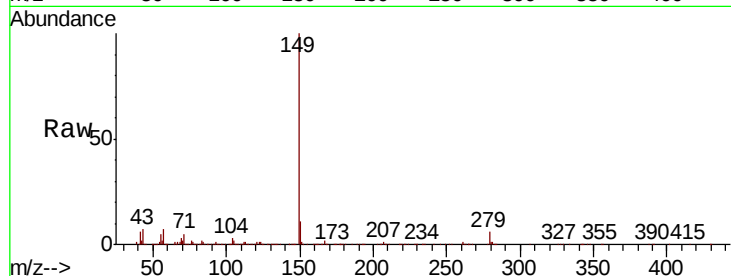
Tot Ion:149 Resp: 987484

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

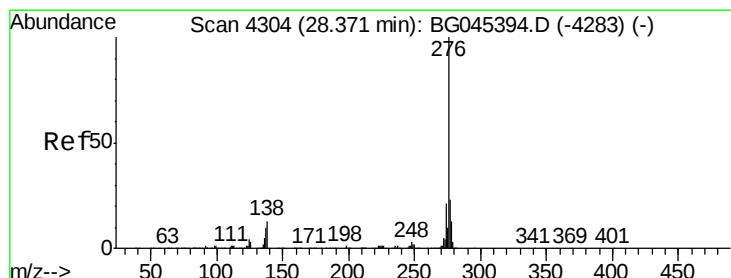
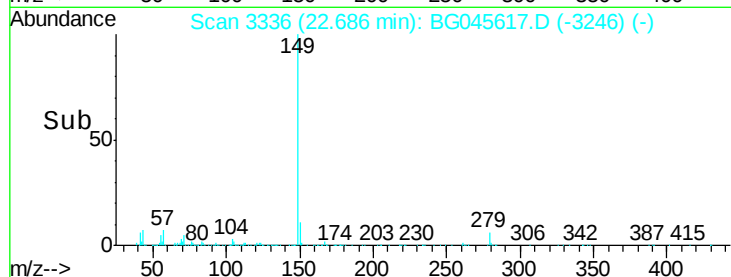
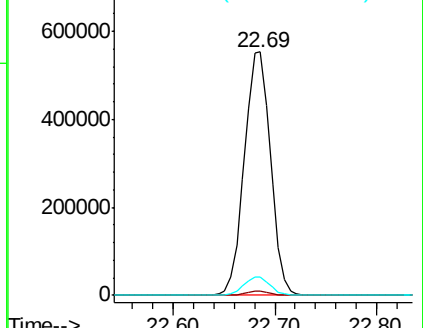
43 7.3 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.635 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.00 min

Lab File: BG045617.D

Acq: 5 Jun 2020 15:17

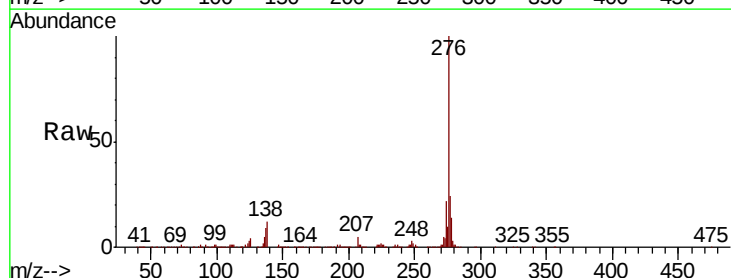
Tgt Ion:276 Resp: 1226159

Ion Ratio Lower Upper

276 100

138 14.8 8.6 12.8#

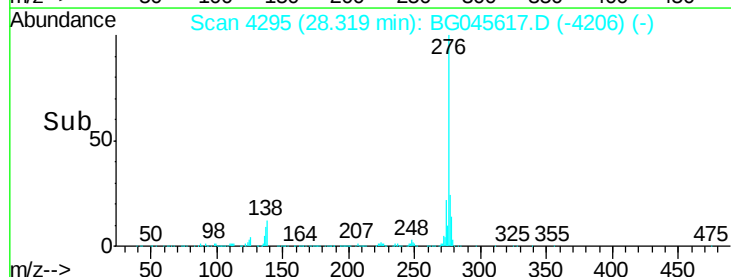
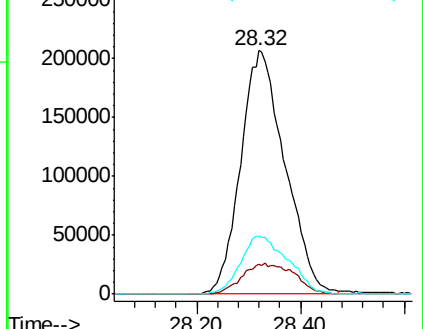
277 25.7 20.2 30.4

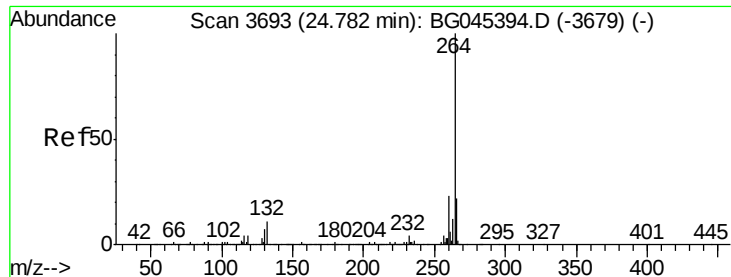


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

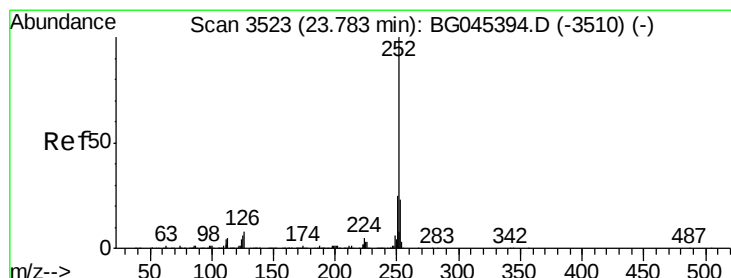
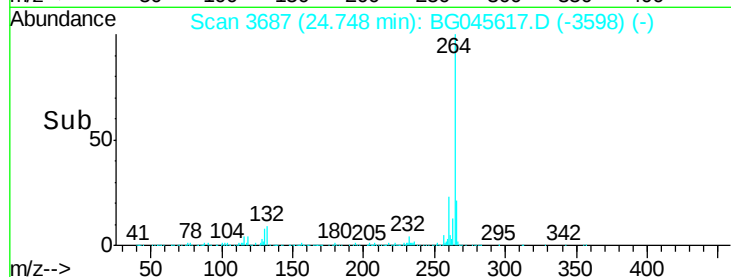
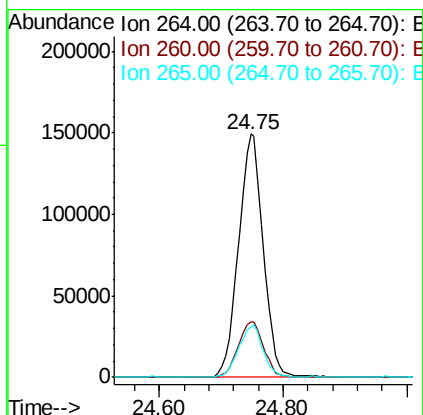
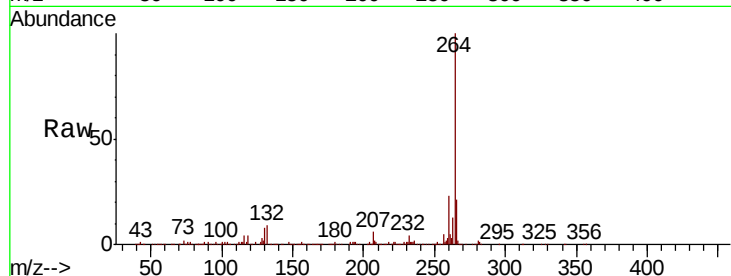




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

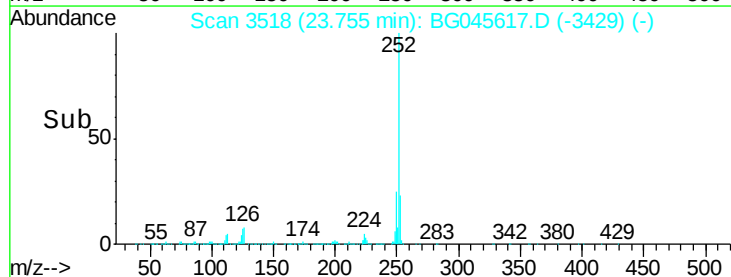
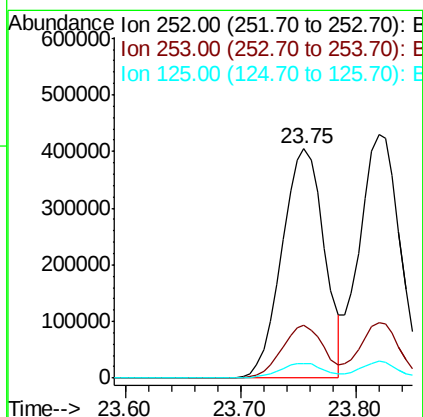
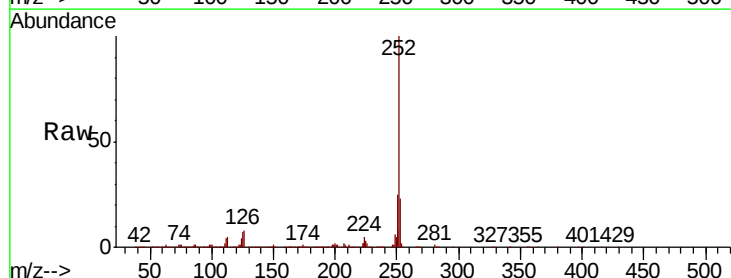
Instrument :
BNA_G
ClientSampleId :
PB129329BS

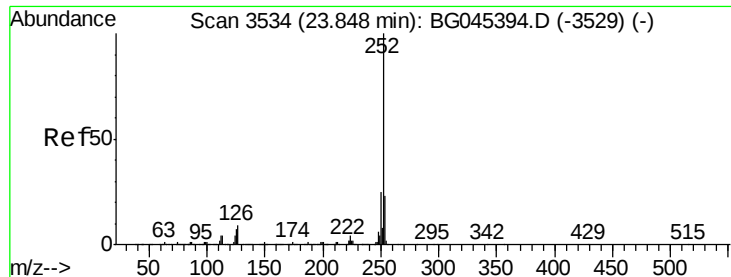
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.9	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 46.377 ng
RT: 23.75 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	6.6	5.0	7.6

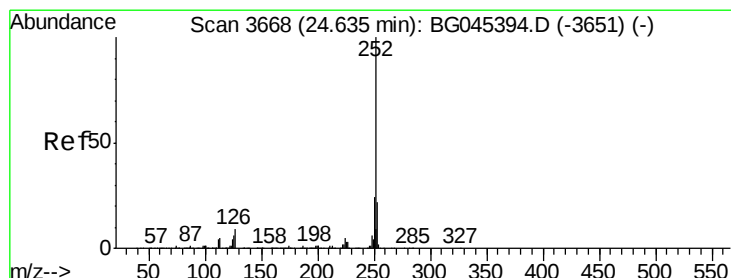
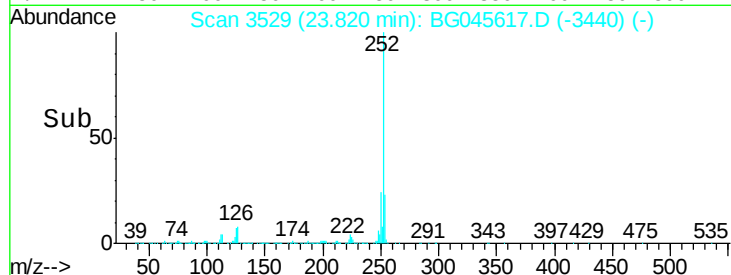
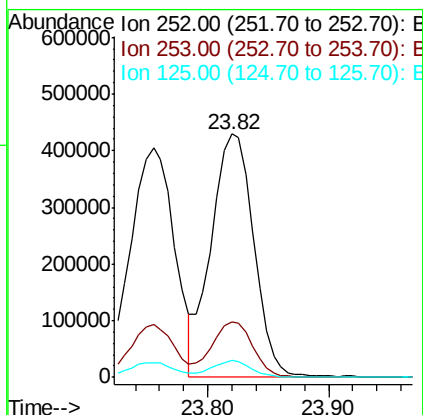
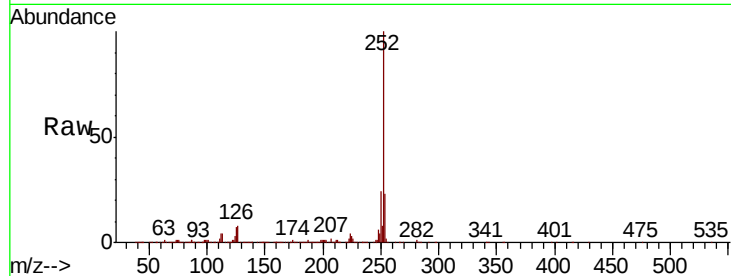




#89
Benzo(k)fluoranthene
Concen: 50.104 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

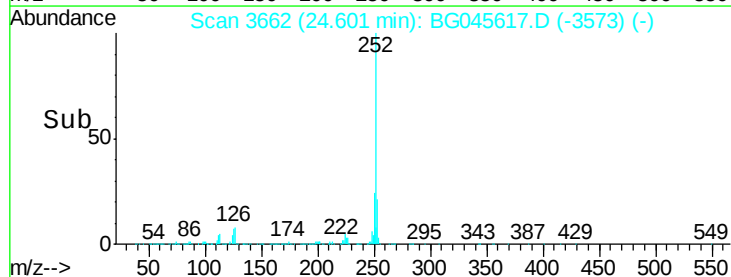
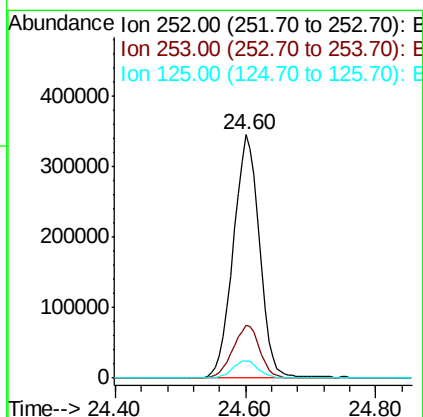
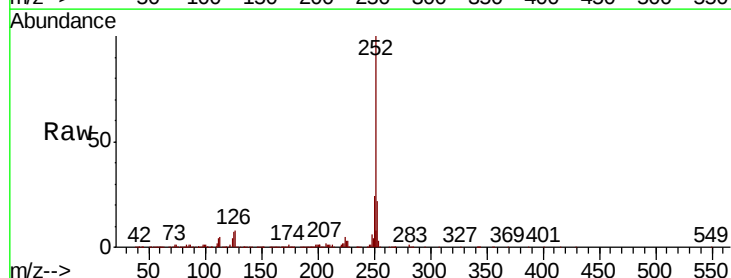
Instrument :
BNA_G
ClientSampleId :
PB129329BS

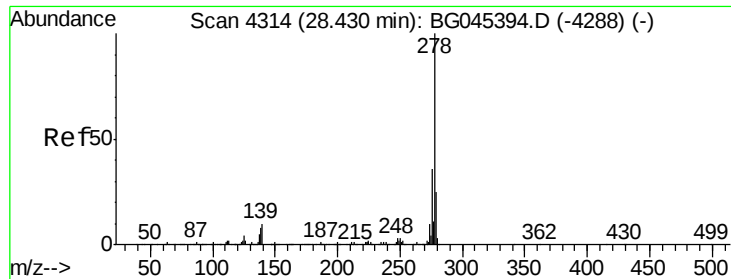
Tot Ion:252 Resp: 1046560
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 6.9 5.7 8.5



#90
Benzo(a)pyrene
Concen: 46.545 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion:252 Resp: 963783
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 7.0 5.0 7.6

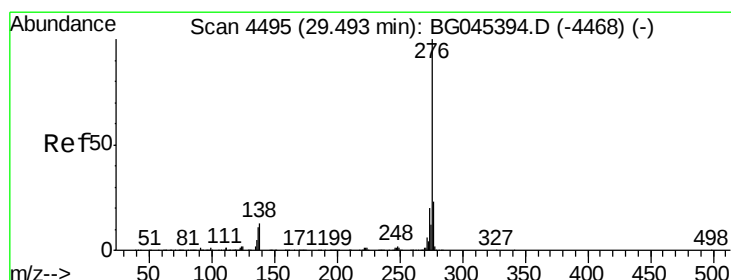
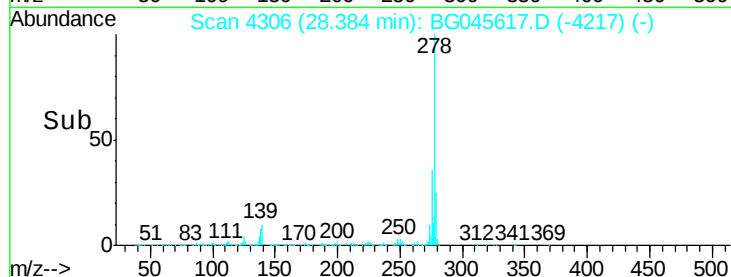
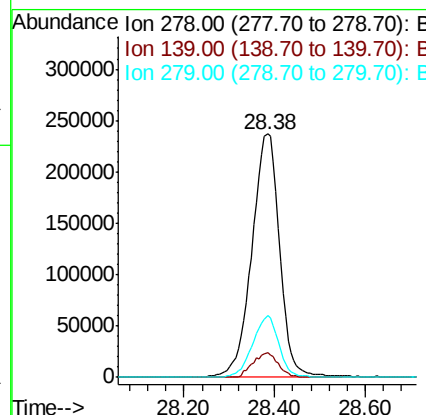
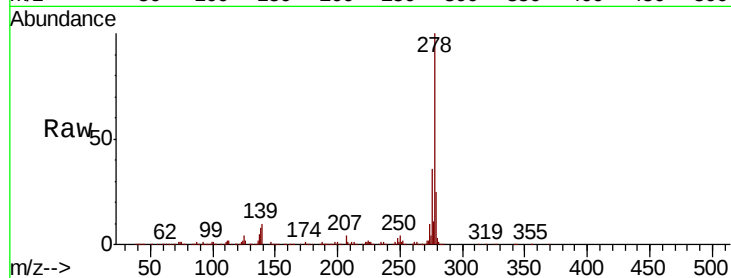




#91
Dibenzo(a,h)anthracene
Concen: 48.360 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Instrument :
BNA_G
ClientSampleId :
PB129329BS

Tot Ion:278 Resp: 1006271
Ion Ratio Lower Upper
278 100
139 10.3 7.8 11.8
279 25.3 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 48.447 ng
RT: 29.44 min Scan# 4485
Delta R.T. -0.00 min
Lab File: BG045617.D
Acq: 5 Jun 2020 15:17

Tgt Ion:276 Resp: 1008218
Ion Ratio Lower Upper
276 100
277 25.1 18.1 27.1
138 14.3 10.2 15.4

