

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052620\
 Data File : BG045459.D
 Acq On : 26 May 2020 16:13
 Operator : CG/JU
 Sample : PB129080BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Quant Time: May 26 16:55:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	70761	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	286722	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	213403	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	506226	20.00	ng	0.00
76) Chrysene-d12	21.61	240	480286	20.00	ng	0.00
87) Perylene-d12	24.76	264	528659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	579817	160.14	ng	0.00
7) Phenol-d6	7.18	99	829611	160.98	ng	0.00
23) Nitrobenzene-d5	9.12	82	525087	99.87	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	414156	151.75	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1215024	96.57	ng	0.00
79) Terphenyl-d14	19.97	244	2034222	98.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	71445	39.791	ng	98
3) Pyridine	3.81	79	167673	33.530	ng	95
4) n-Nitrosodimethylamine	3.72	42	75003	45.836	ng	93
6) Aniline	7.29	93	263659	39.192	ng	99
8) 2-Chlorophenol	7.55	128	212453	53.506	ng	99
9) Benzaldehyde	7.09	77	139605	41.579	ng	97
10) Phenol	7.21	94	282810	53.246	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	195834	47.270	ng	99
12) 1,3-Dichlorobenzene	7.85	146	225306	47.218	ng	97
13) 1,4-Dichlorobenzene	7.99	146	222731	47.300	ng	97
14) 1,2-Dichlorobenzene	8.32	146	209781	46.319	ng	98
15) Benzyl Alcohol	8.21	79	216183	50.780	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	180972	46.019	ng	98
17) 2-Methylphenol	8.45	107	197909	49.782	ng	95
18) Hexachloroethane	9.05	117	86485	47.954	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	180962	50.779	ng	98
20) 3+4-Methylphenols	8.78	107	257368	47.541	ng	# 64
22) Acetophenone	8.79	105	327339	48.169	ng	# 94
24) Nitrobenzene	9.17	77	263646	46.801	ng	97
25) Isophorone	9.69	82	495253	47.828	ng	98
26) 2-Nitrophenol	9.88	139	122828	50.970	ng	93
27) 2,4-Dimethylphenol	9.97	122	207124	57.950	ng	94
28) bis(2-Chloroethoxy)methane	10.17	93	268181	49.385	ng	98
29) 2,4-Dichlorophenol	10.44	162	227172	53.824	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	238880	47.898	ng	98
31) Naphthalene	10.82	128	648557	48.541	ng	98
32) Benzoic acid	10.16	122	141324	56.021	ng	98
33) 4-Chloroaniline	10.94	127	137737	24.662	ng	99
34) Hexachlorobutadiene	11.11	225	166773	47.306	ng	98
35) Caprolactam	11.70	113	46730	30.164	ng	94
36) 4-Chloro-3-methylphenol	12.10	107	259305	54.522	ng	94
37) 2-Methylnaphthalene	12.43	142	498196	50.027	ng	100
38) 1-Methylnaphthalene	12.65	142	474889	50.482	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	288354	48.376	ng	98

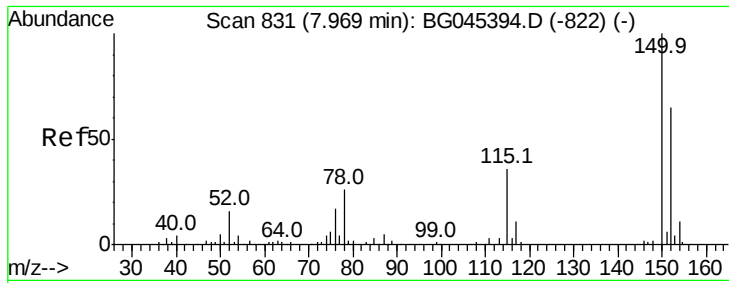
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052620\
 Data File : BG045459.D
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 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	370017	107.551	ng	99
43) 2,4,6-Trichlorophenol	13.05	196	203487	49.144	ng	99
44) 2,4,5-Trichlorophenol	13.15	196	217926	46.057	ng	98
46) 1,1'-Biphenyl	13.44	154	651014	49.648	ng	99
47) 2-Chloronaphthalene	13.48	162	494713	46.461	ng	100
48) 2-Nitroaniline	13.69	65	156355	44.640	ng	87
49) Acenaphthylene	14.33	152	835433	48.846	ng	99
50) Dimethylphthalate	14.06	163	692533	47.306	ng	98
51) 2,6-Dinitrotoluene	14.18	165	162854	49.300	ng	91
52) Acenaphthene	14.67	154	492425	43.012	ng	97
53) 3-Nitroaniline	14.52	138	97833	29.134	ng	# 97
54) 2,4-Dinitrophenol	14.72	184	178974	82.523	ng	98
55) Dibenzofuran	15.00	168	809652	47.623	ng	97
56) 4-Nitrophenol	14.88	139	246530	96.970	ng	94
57) 2,4-Dinitrotoluene	14.97	165	229558	47.983	ng	99
58) Fluorene	15.65	166	669283	47.917	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	205881	49.457	ng	98
60) Diethylphthalate	15.42	149	708370	46.490	ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	373548	46.736	ng	100
62) 4-Nitroaniline	15.69	138	158649	45.255	ng	95
63) Azobenzene	15.94	77	668768	47.071	ng	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	142187	48.228	ng	98
66) n-Nitrosodiphenylamine	15.87	169	609808	50.171	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	259538	47.347	ng	98
68) Hexachlorobenzene	16.66	284	287778	50.194	ng	98
69) Atrazine	16.82	200	236818	47.304	ng	98
70) Pentachlorophenol	17.02	266	307296	103.225	ng	98
71) Phenanthrene	17.39	178	1088364	49.248	ng	99
72) Anthracene	17.49	178	1110194	50.024	ng	97
73) Carbazole	17.76	167	1024189	47.344	ng	100
74) Di-n-butylphthalate	18.32	149	1220384	47.001	ng	98
75) Fluoranthene	19.41	202	1352847	48.128	ng	99
77) Benzidine	19.58	184	613448	45.477	ng	99
78) Pyrene	19.77	202	1349409	49.288	ng	99
80) Butylbenzylphthalate	20.65	149	540880	45.770	ng	100
81) Benzo(a)anthracene	21.59	228	1296892	48.473	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	346313	32.998	ng	97
83) Chrysene	21.66	228	1233057	47.930	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	760510	46.817	ng	99
85) Di-n-octyl phthalate	22.70	149	1291489	46.290	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1648644	49.006	ng	# 95
88) Benzo(b)fluoranthene	23.77	252	1369737	48.311	ng	97
89) Benzo(k)fluoranthene	23.84	252	1373186	51.552	ng	100
90) Benzo(a)pyrene	24.61	252	1284149	48.632	ng	97
91) Dibenzo(a,h)anthracene	28.40	278	1337208	50.394	ng	98
92) Benzo(g,h,i)perylene	29.46	276	1371376	51.675	ng	99

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

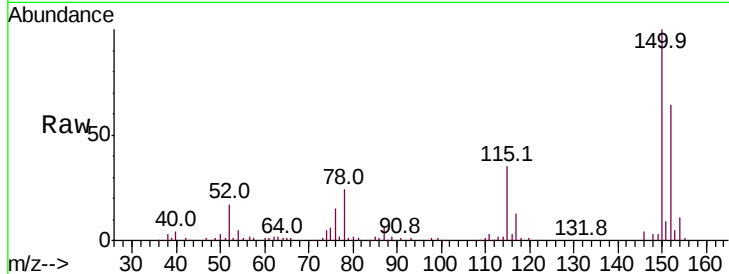


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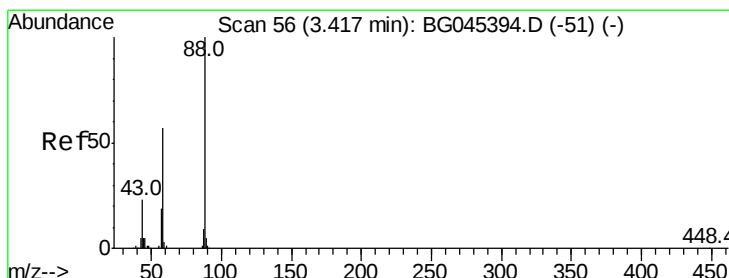
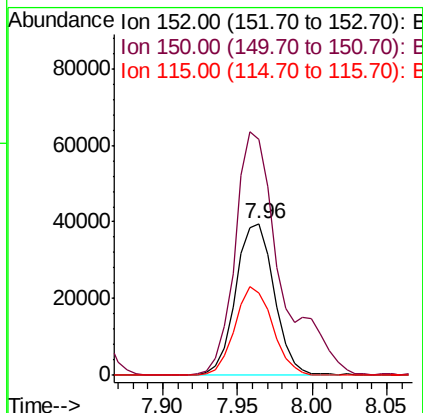
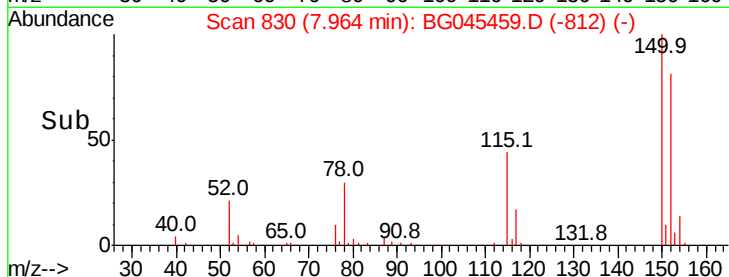
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tot Ion:152 Resp: 70761
Ion Ratio Lower Upper
152 100
150 155.7 122.4 183.6
115 54.7 44.2 66.4



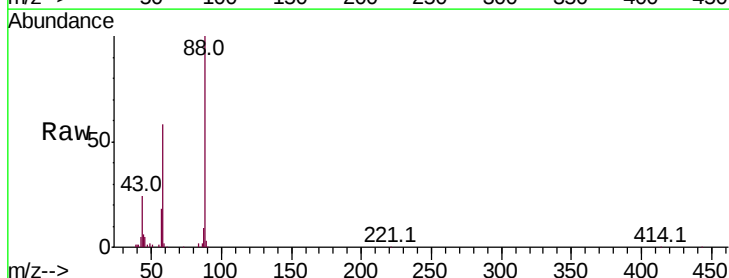
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



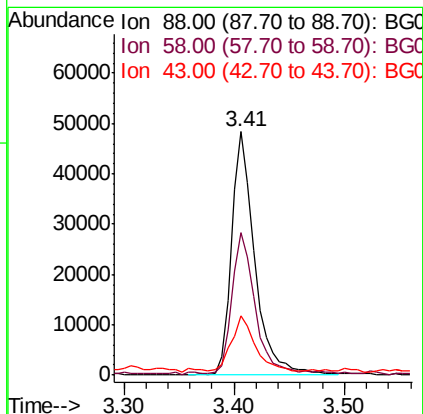
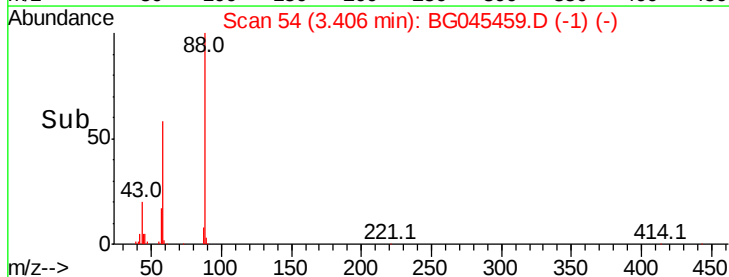
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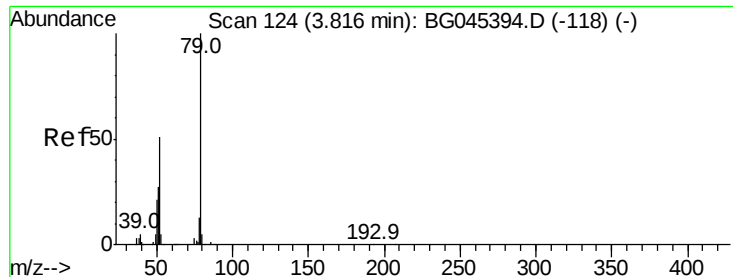
1,4-Dioxane
Concen: 39.791 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion: 88 Resp: 71445
Ion Ratio Lower Upper
88 100
58 56.6 45.7 68.5
43 23.7 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: 33.530 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

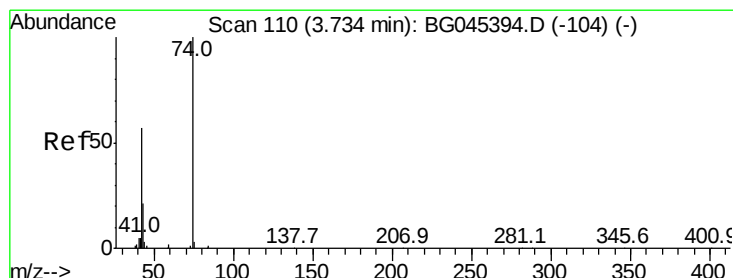
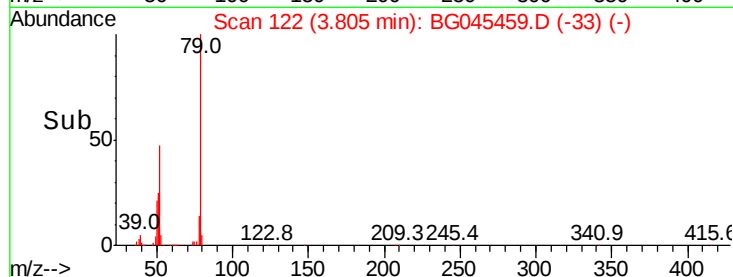
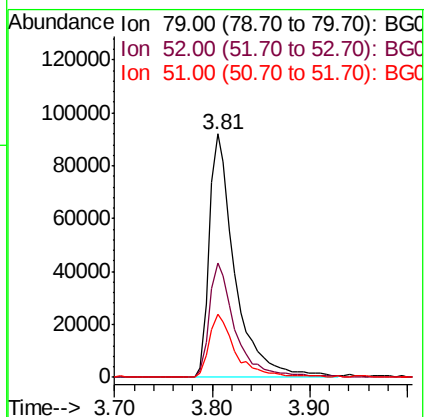
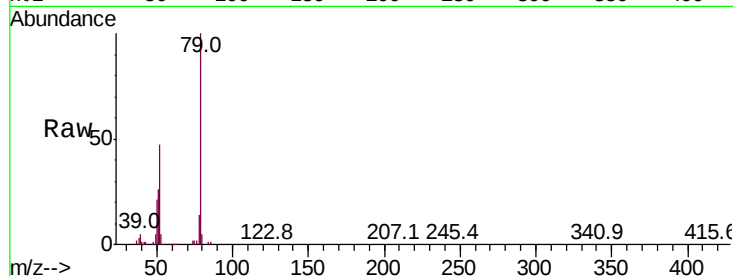
Tot Ion: 79 Resp: 167673

Ion Ratio Lower Upper

79 100

52 47.2 40.8 61.2

51 25.9 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 45.836 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

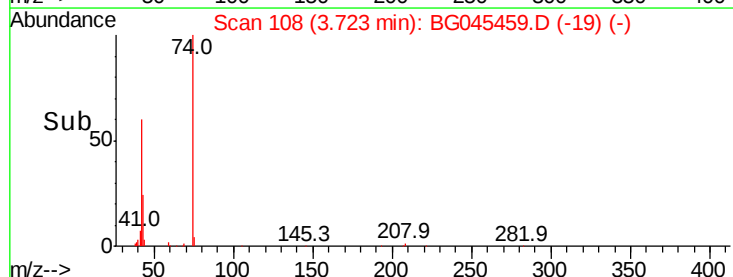
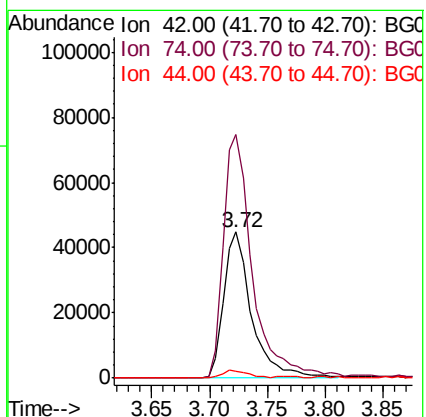
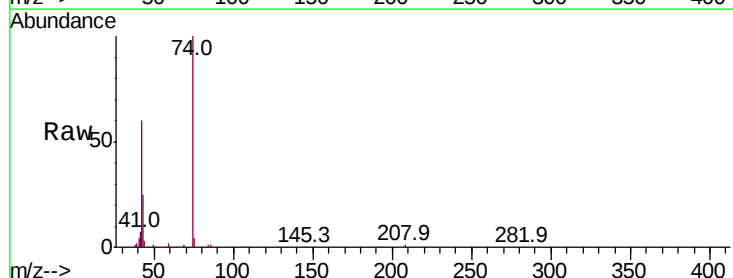
Tgt Ion: 42 Resp: 75003

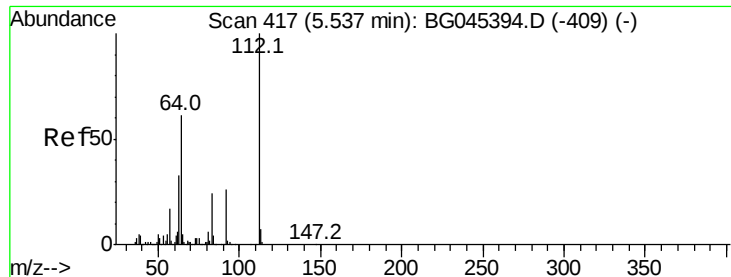
Ion Ratio Lower Upper

42 100

74 166.6 141.3 211.9

44 4.8 4.2 6.4





#5

2-Fluorophenol

Concen: 160.135 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

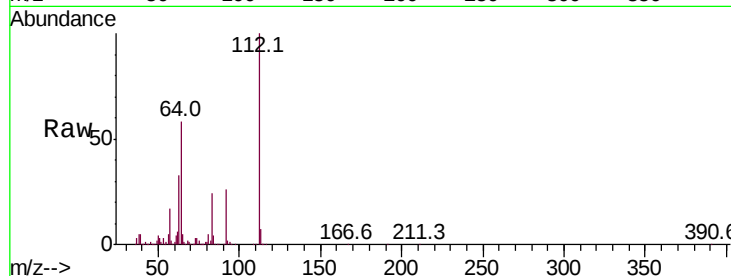
Tot Ion:112 Resp: 579817

Ion Ratio Lower Upper

112 100

64 57.8 48.6 72.8

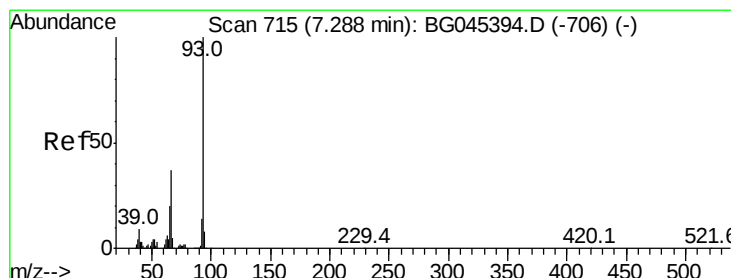
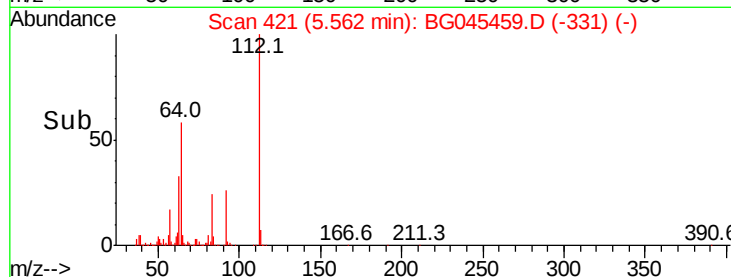
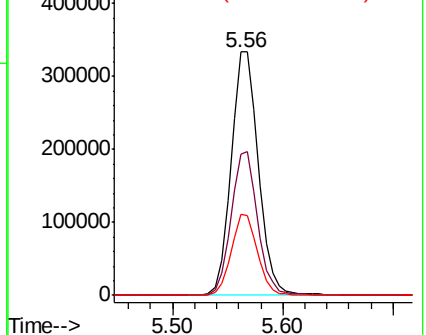
63 33.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.192 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

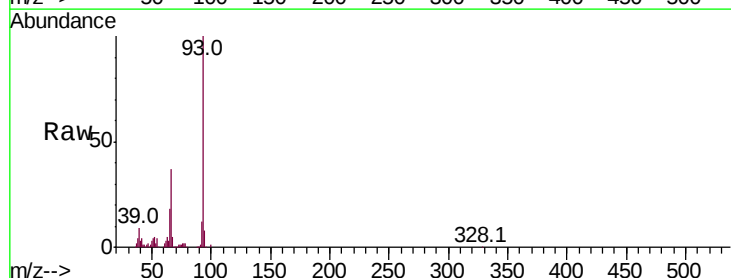
Tgt Ion: 93 Resp: 263659

Ion Ratio Lower Upper

93 100

66 37.0 29.6 44.4

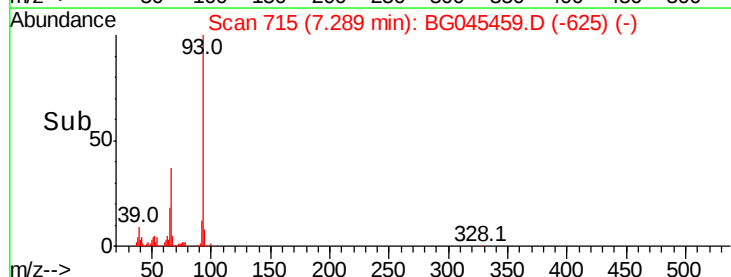
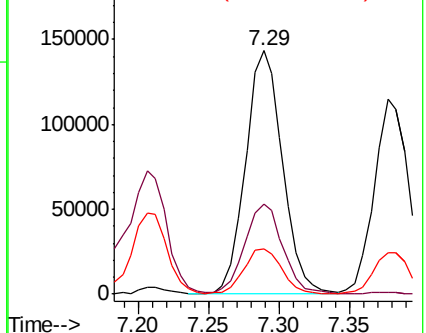
65 18.3 15.9 23.9

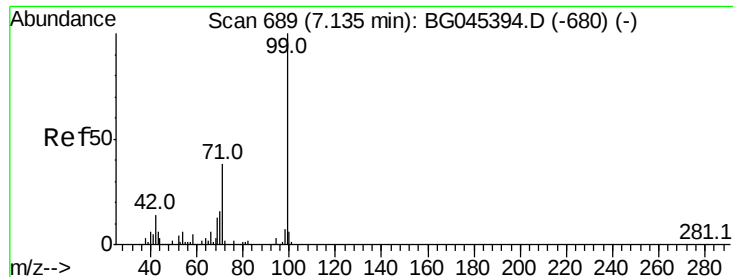


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 160.981 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

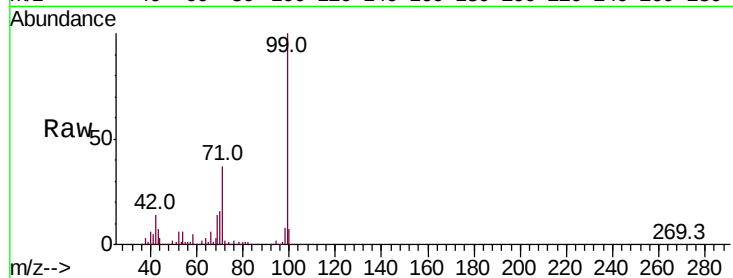
Tot Ion: 99 Resp: 829611

Ion Ratio Lower Upper

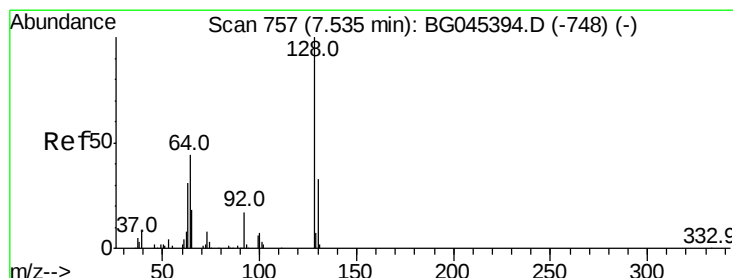
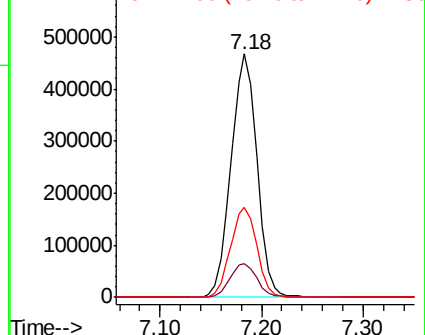
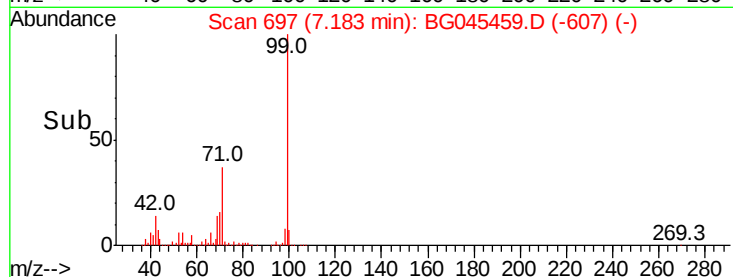
99 100

42 13.8 11.3 16.9

71 36.9 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: 53.506 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

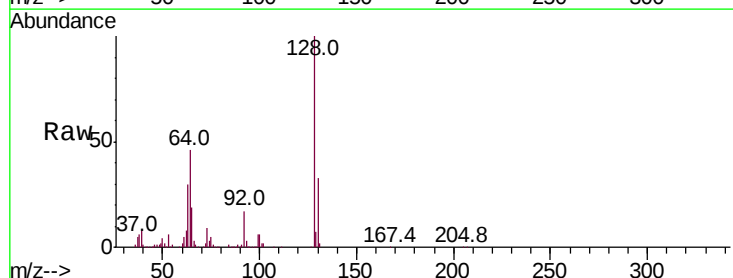
Tgt Ion: 128 Resp: 212453

Ion Ratio Lower Upper

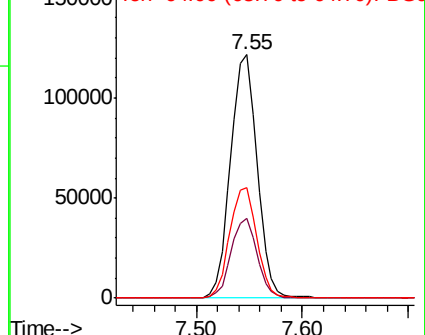
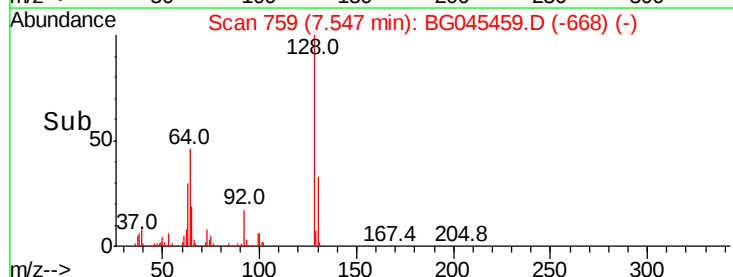
128 100

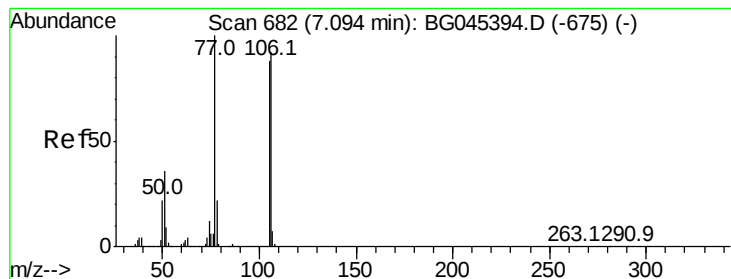
130 32.6 12.6 52.6

64 45.6 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: 41.579 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

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ClientSampleId :

PB129080BS

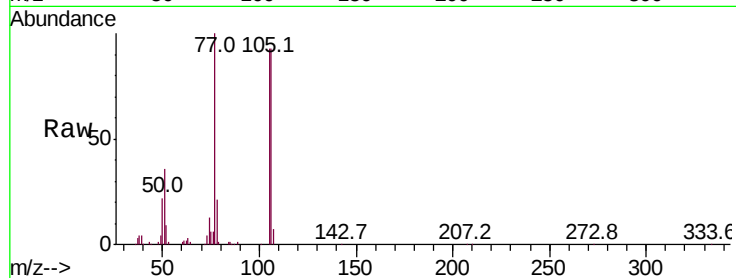
Tot Ion: 77 Resp: 139605

Ion Ratio Lower Upper

77 100

105 92.9 68.5 108.5

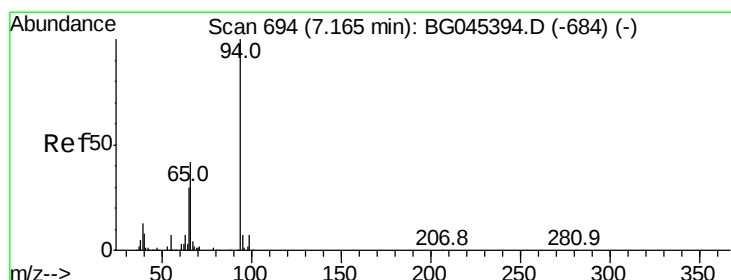
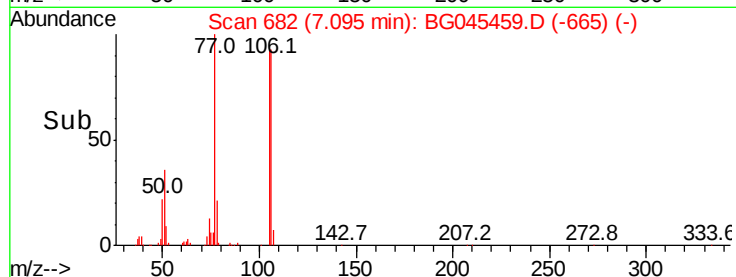
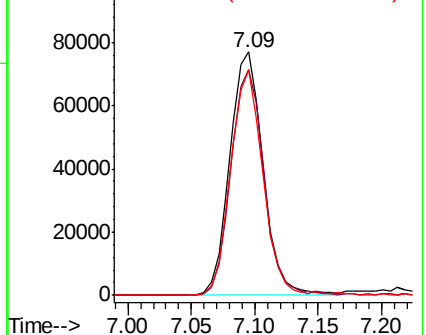
106 92.5 71.6 111.6



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: 53.246 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

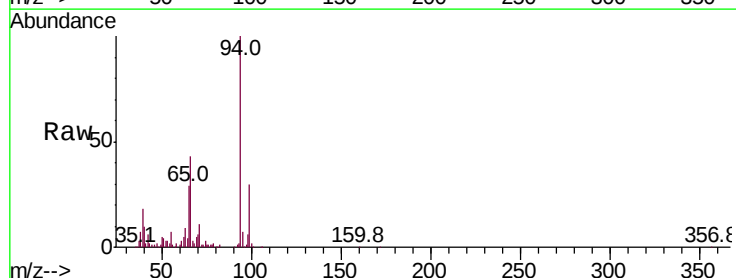
Tgt Ion: 94 Resp: 282810

Ion Ratio Lower Upper

94 100

65 28.5 9.8 49.8

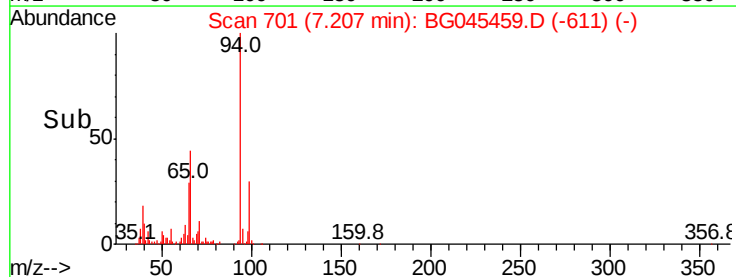
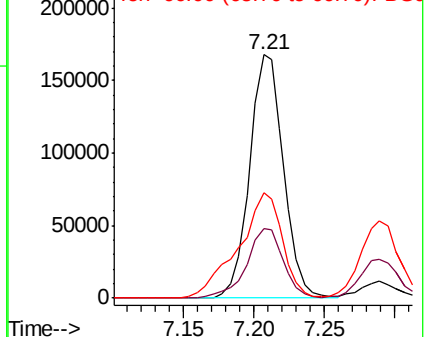
66 43.5 22.0 62.0

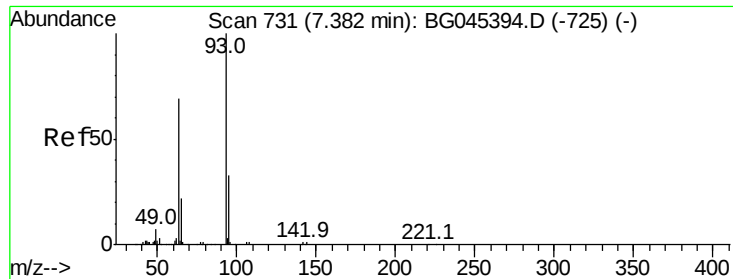


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

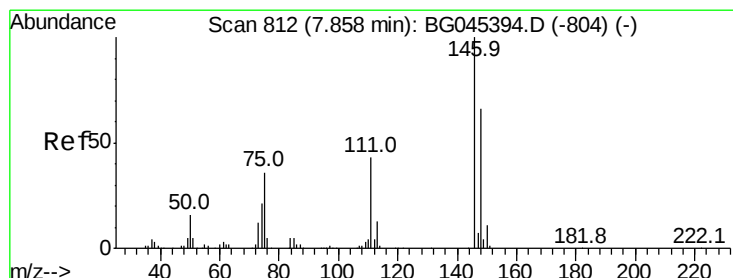
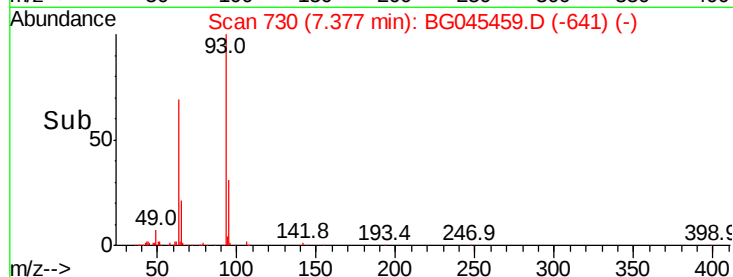
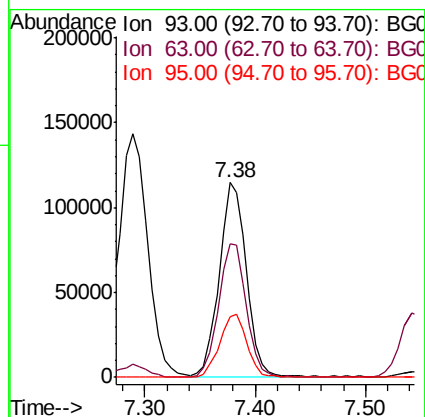
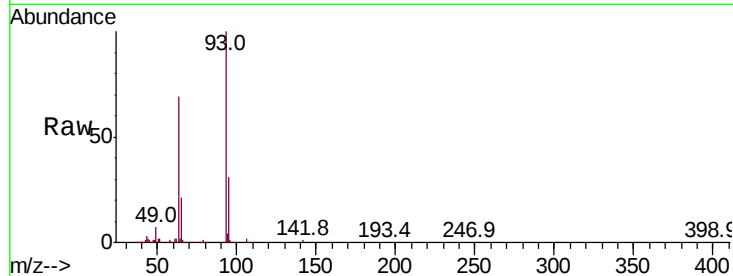




#11
bis(2-Chloroethyl)ether
Concen: 47.270 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

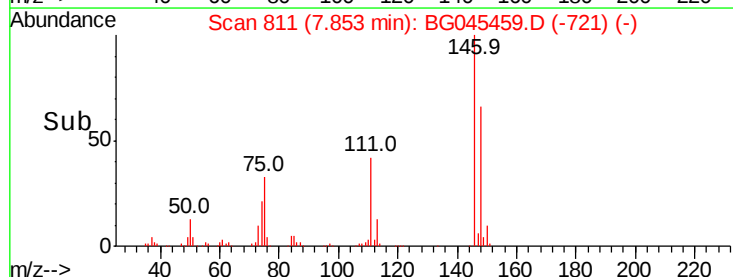
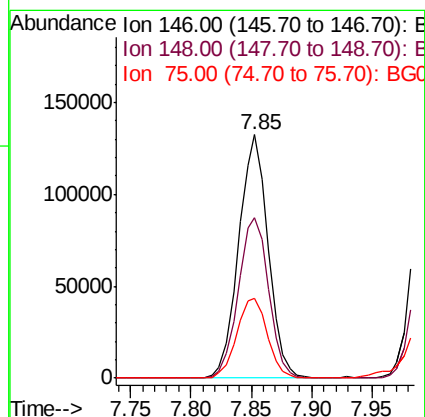
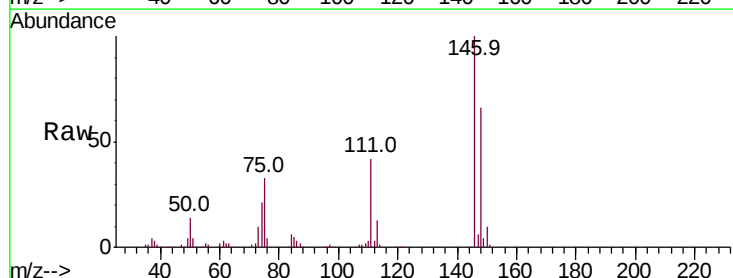
Instrument :
BNA_G
ClientSampleId :
PB129080BS

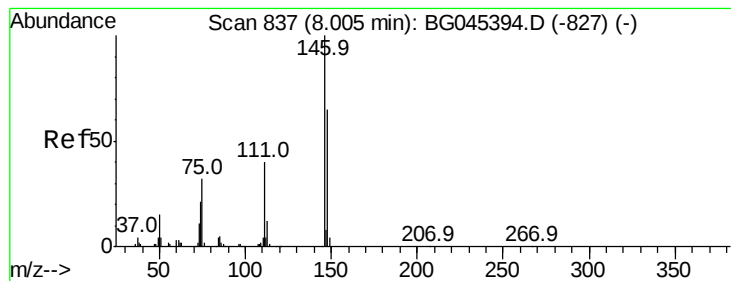
Tot Ion: 93 Resp: 195834
Ion Ratio Lower Upper
93 100
63 68.8 48.4 88.4
95 31.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.218 ng
RT: 7.85 min Scan# 811
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion: 146 Resp: 225306
Ion Ratio Lower Upper
146 100
148 65.7 53.2 79.8
75 32.5 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 47.300 ng

RT: 7.99 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

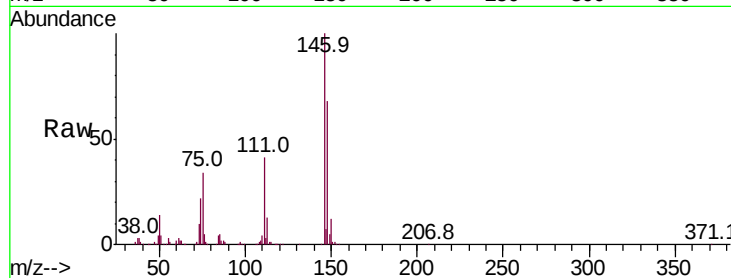
Tot Ion:146 Resp: 222731

Ion Ratio Lower Upper

146 100

148 68.1 51.8 77.8

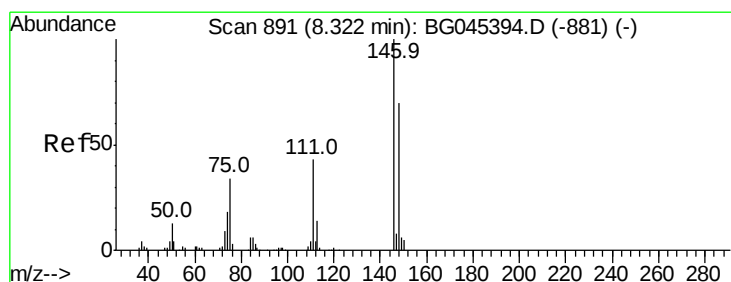
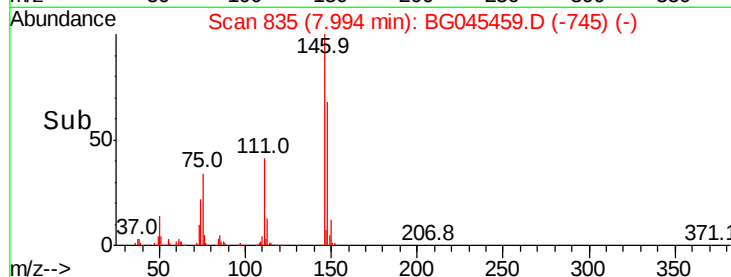
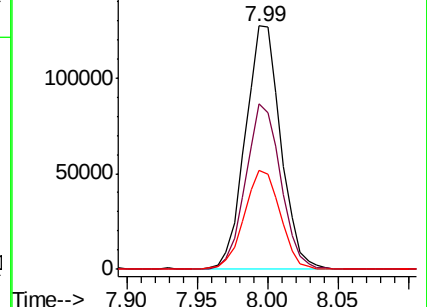
111 40.8 32.1 48.1



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: 46.319 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

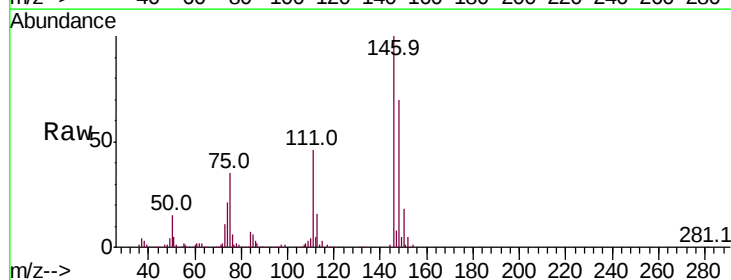
Tgt Ion:146 Resp: 209781

Ion Ratio Lower Upper

146 100

148 69.5 55.9 83.9

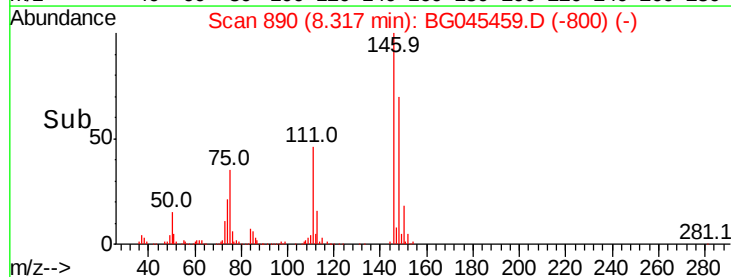
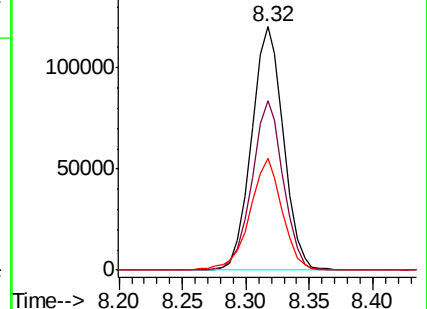
111 45.8 35.0 52.4

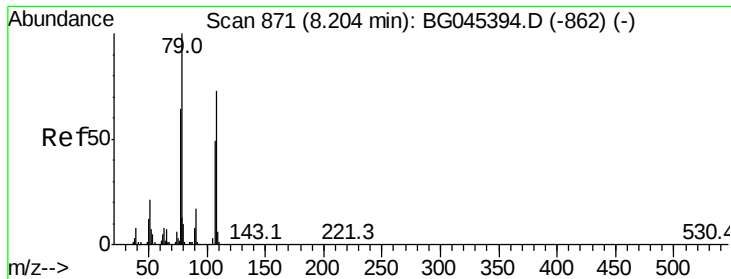


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.780 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

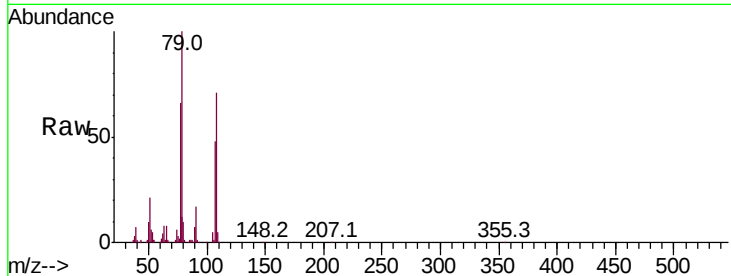
Tot Ion: 79 Resp: 216183

Ion Ratio Lower Upper

79 100

108 71.3 58.2 87.4

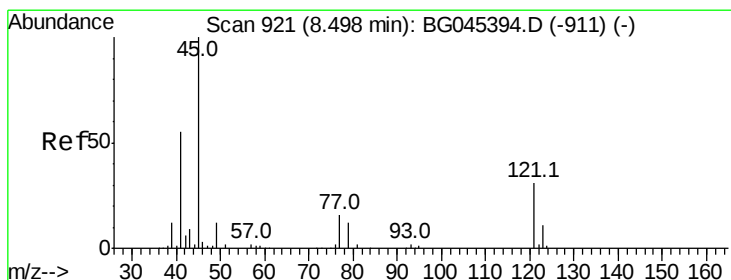
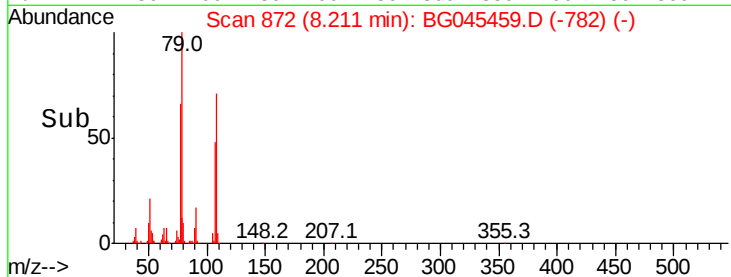
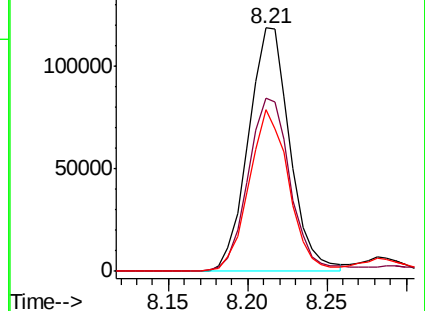
77 66.5 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.019 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

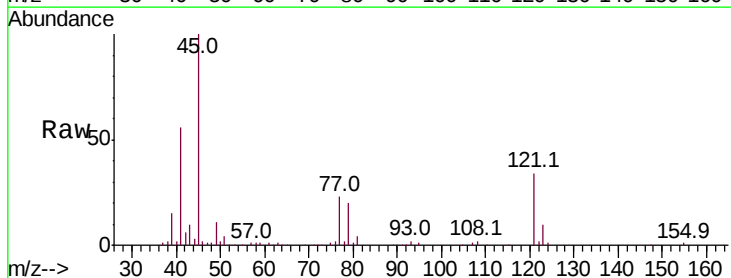
Tgt Ion: 45 Resp: 180972

Ion Ratio Lower Upper

45 100

77 22.9 4.0 44.0

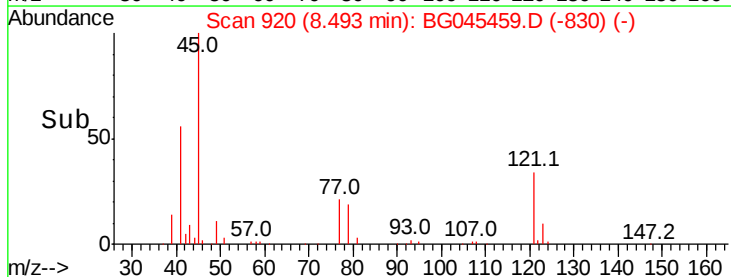
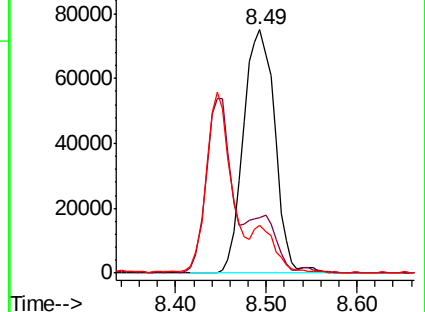
79 19.5 0.0 38.6

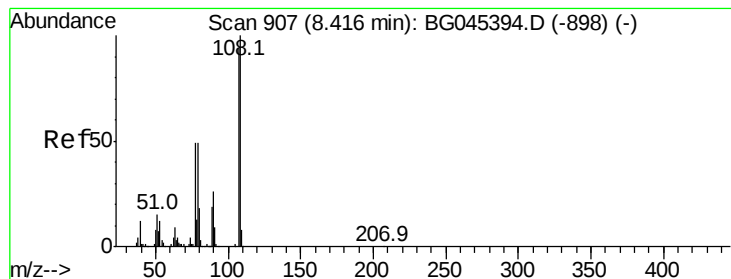


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.782 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

Tot Ion:107 Resp: 197909

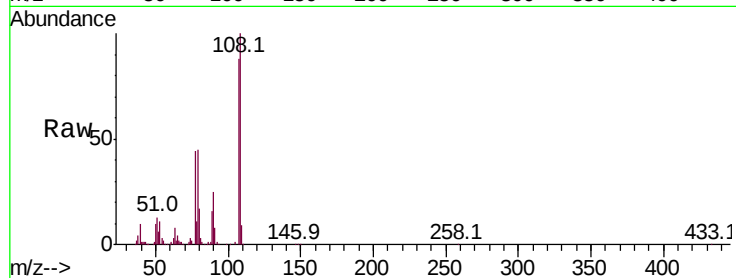
Ion Ratio Lower Upper

107 100

108 113.8 85.2 127.8

77 49.6 41.6 62.4

79 51.4 41.8 62.8

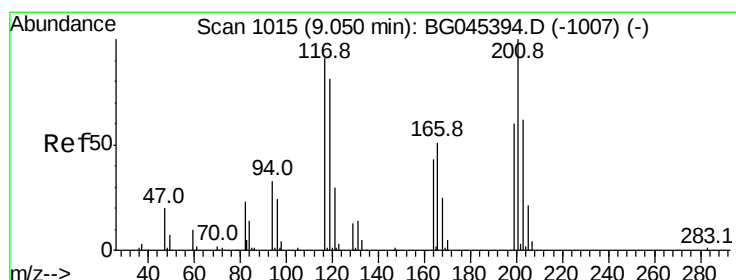
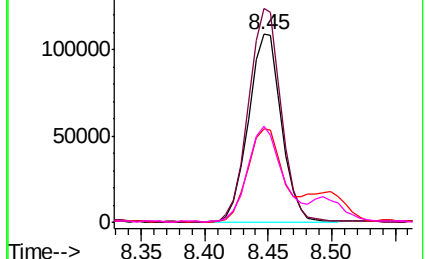
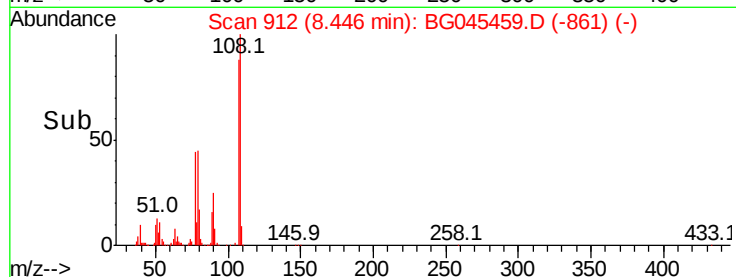


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.954 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

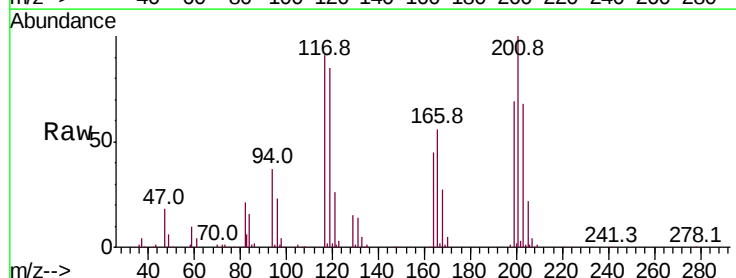
Tgt Ion:117 Resp: 86485

Ion Ratio Lower Upper

117 100

119 93.0 71.3 106.9

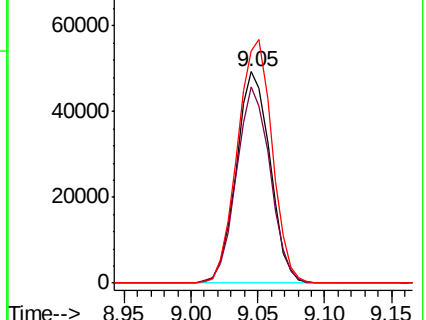
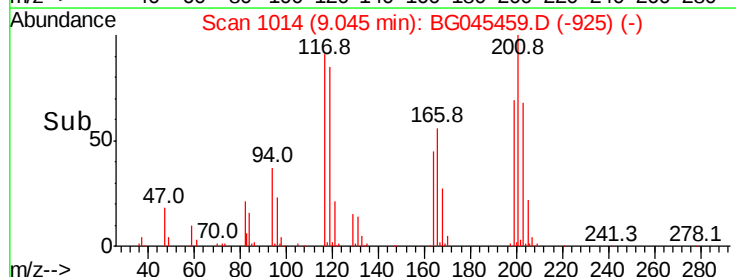
201 110.0 87.5 131.3

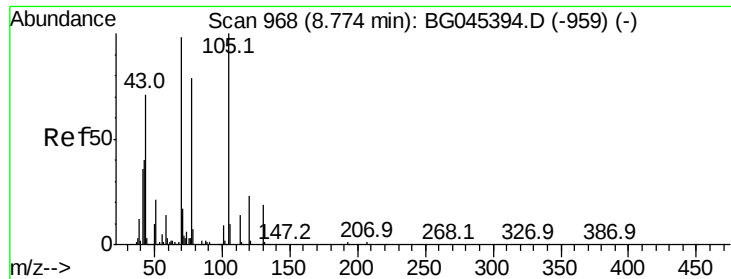


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

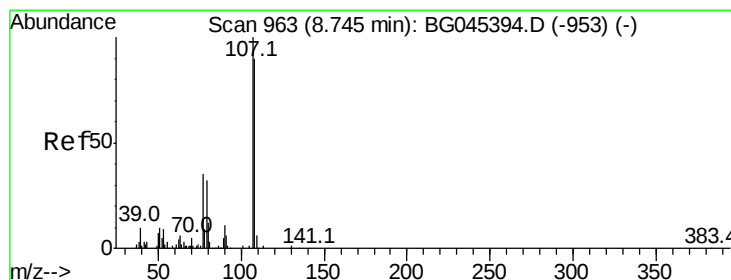
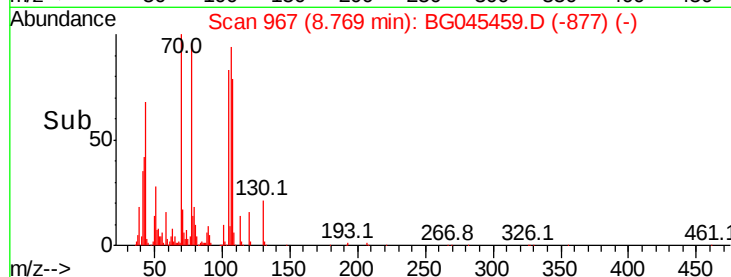
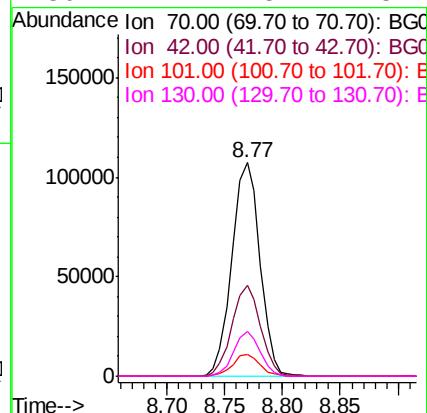
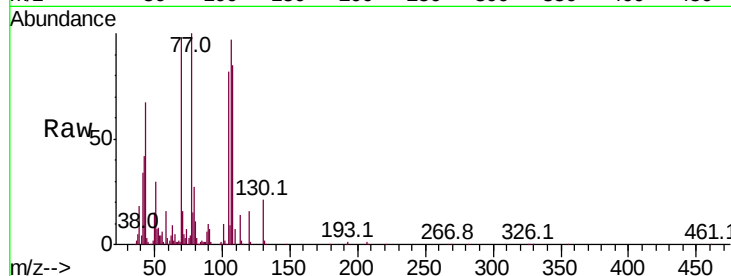




#19
n-Nitroso-di-n-propylamine
Concen: 50.779 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

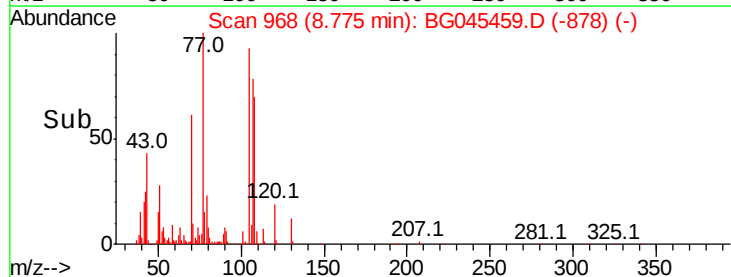
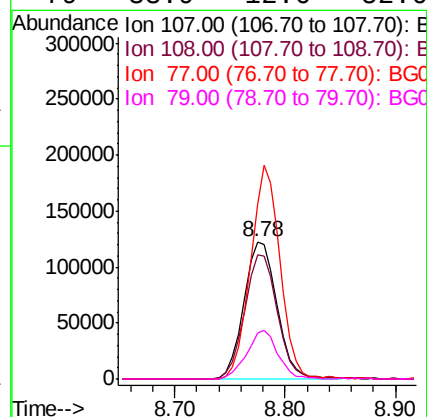
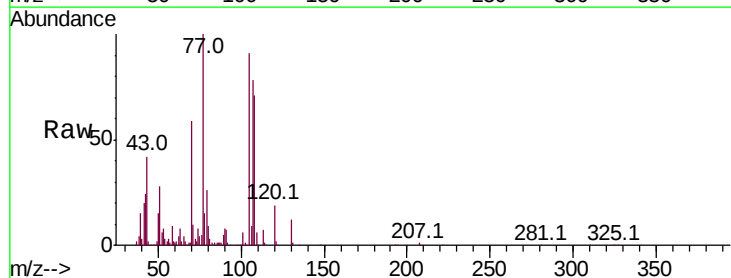
Instrument :
BNA_G
ClientSampleId :
PB129080BS

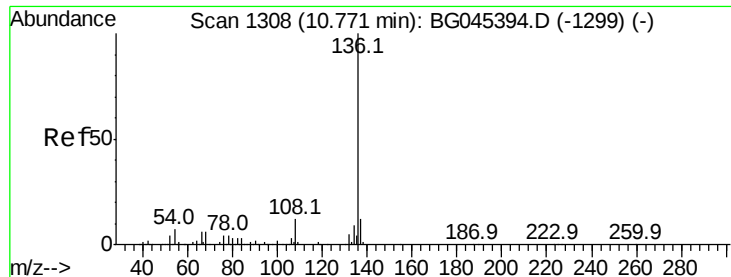
Tot Ion: 70 Resp: 180962
Ion Ratio Lower Upper
70 100
42 42.4 33.2 49.8
101 9.9 7.8 11.6
130 21.2 15.4 23.2



#20
3+4-Methylphenols
Concen: 47.541 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion:107 Resp: 257368
Ion Ratio Lower Upper
107 100
108 90.5 70.3 110.3
77 128.1 15.4 55.4#
79 33.9 12.6 52.6

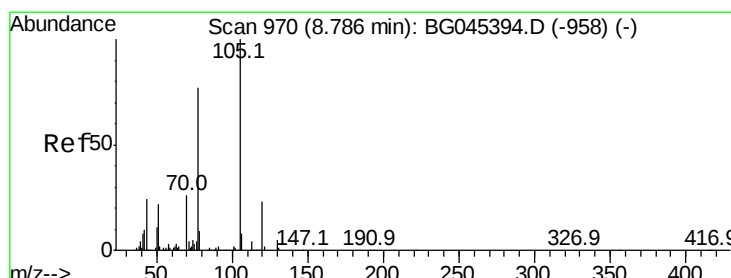
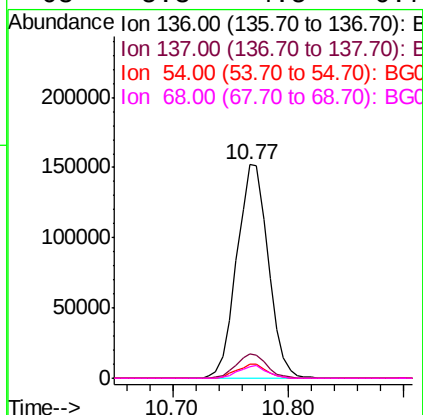
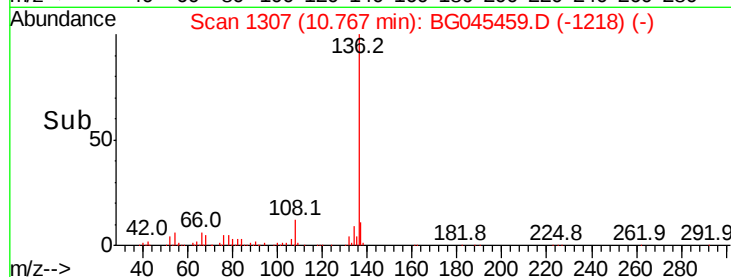
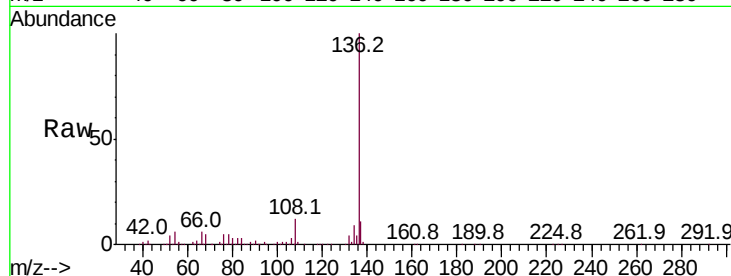




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

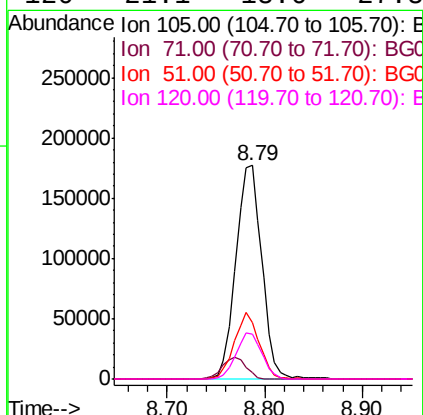
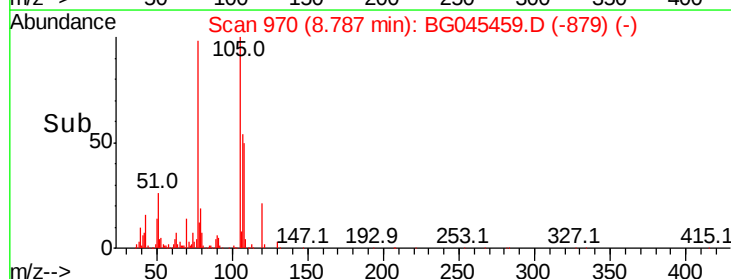
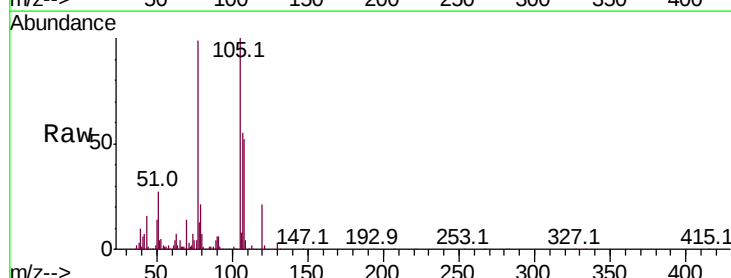
Instrument :
BNA_G
ClientSampleId :
PB129080BS

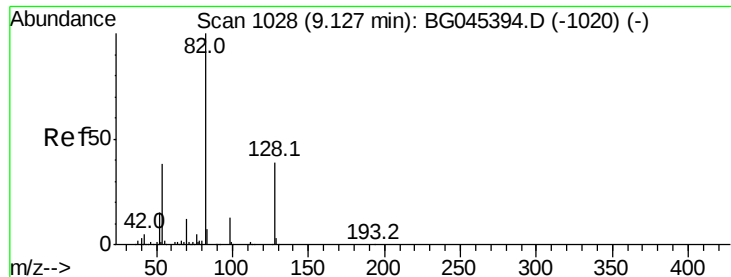
Tot Ion:	136	Resp:	286722
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	6.4	5.8	8.6
68	5.3	4.5	6.7



#22
Acetophenone
Concen: 48.169 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion:	105	Resp:	327339
Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.4	5.0#
51	26.6	18.2	27.2
120	21.1	18.6	27.8

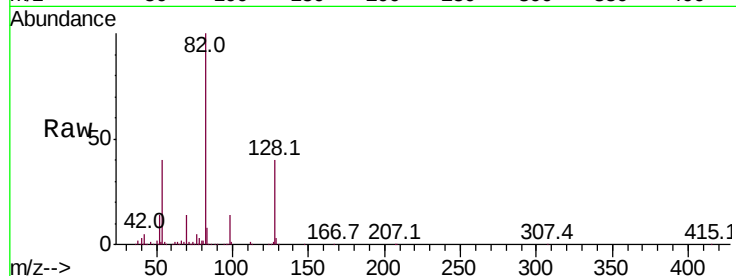




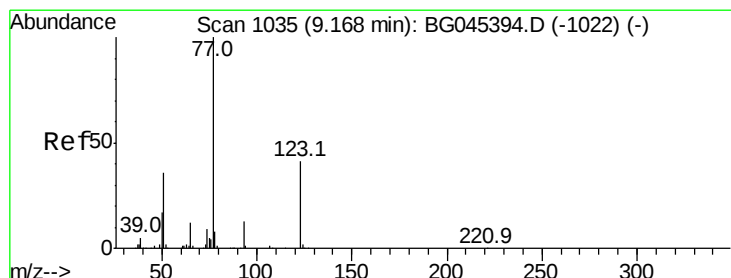
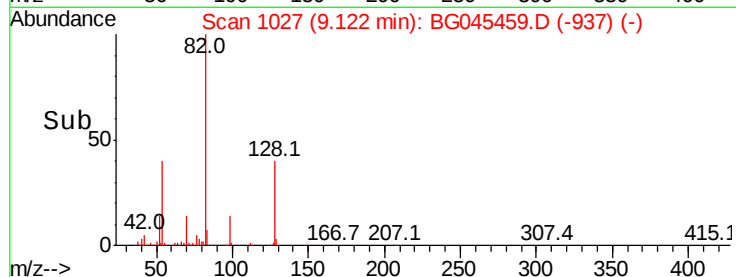
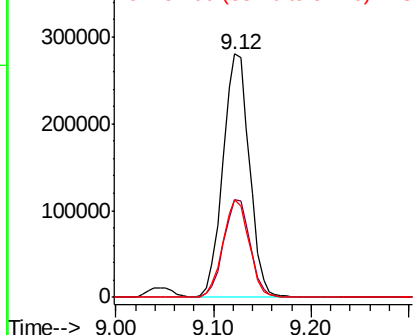
#23
 Nitrobenzene-d5
 Concen: 99.866 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tot Ion	82	Resp	525087
Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.9	46.3
54	40.1	30.3	45.5

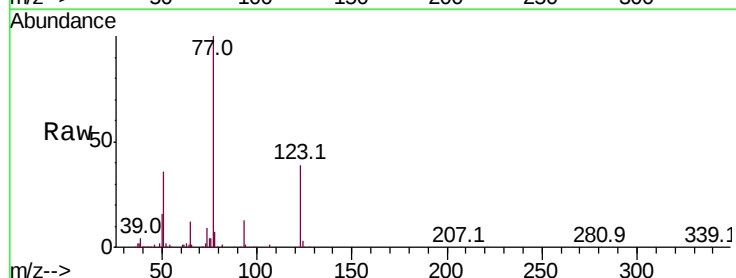


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

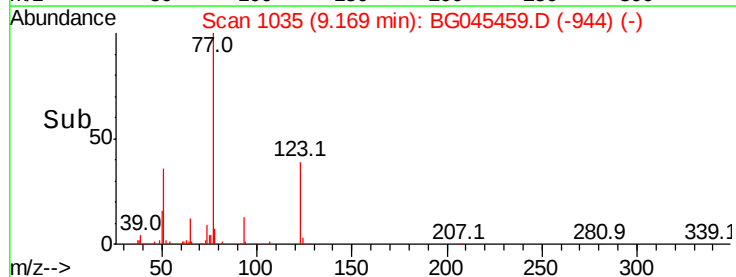
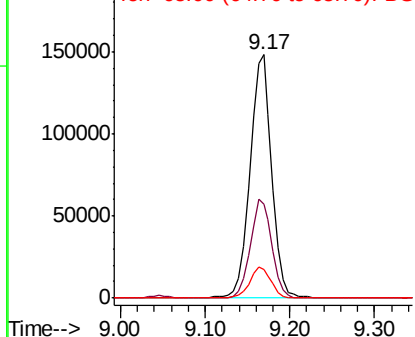


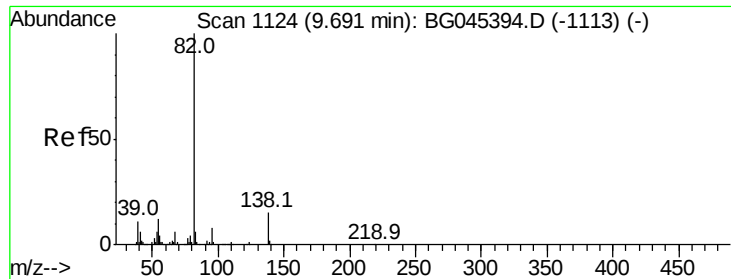
#24
 Nitrobenzene
 Concen: 46.801 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	77	Resp	263646
Ion	Ratio	Lower	Upper
77	100		
123	38.5	32.9	49.3
65	11.9	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: 47.828 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

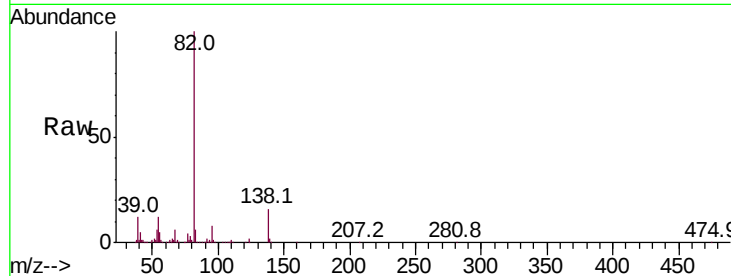
Tot Ion: 82 Resp: 495253

Ion Ratio Lower Upper

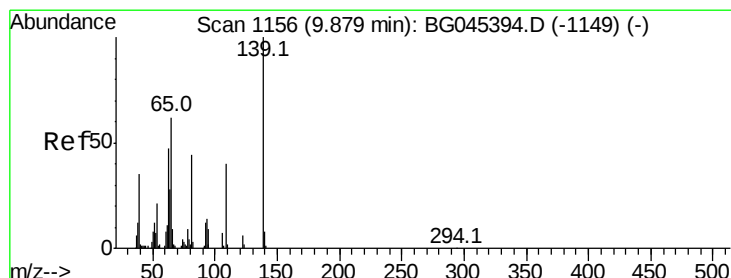
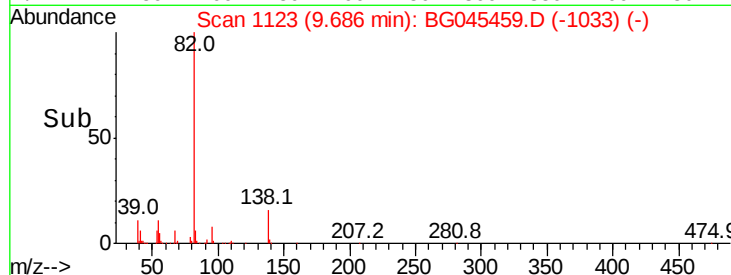
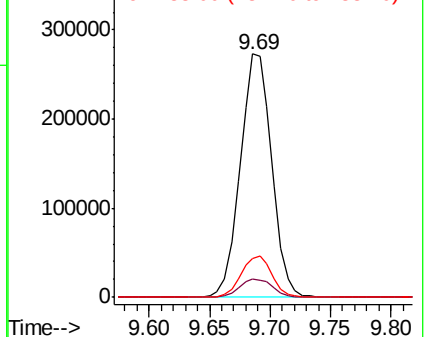
82 100

95 7.6 6.7 10.1

138 15.9 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: 50.970 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

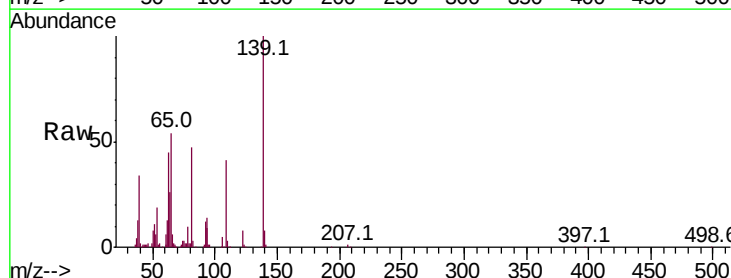
Tgt Ion: 139 Resp: 122828

Ion Ratio Lower Upper

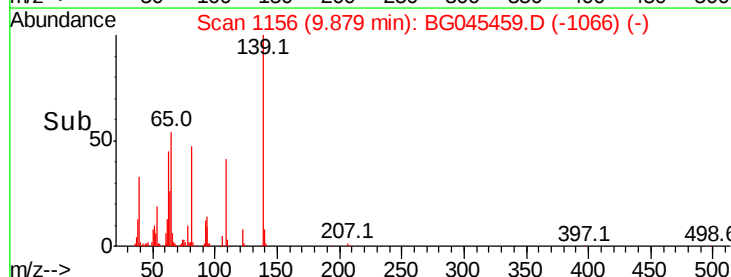
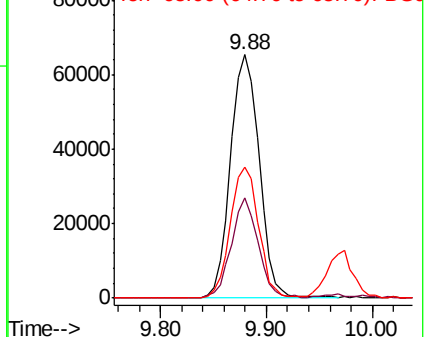
139 100

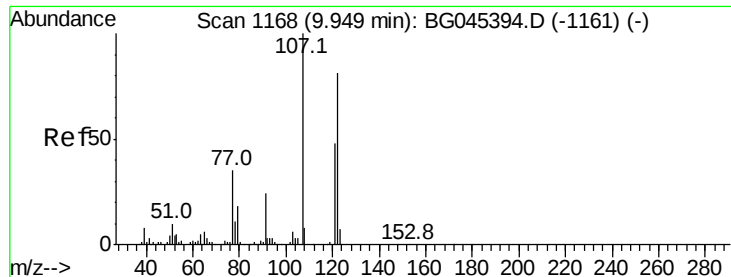
109 41.0 32.2 48.4

65 53.5 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

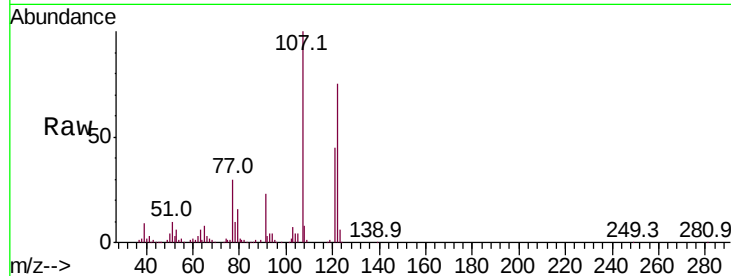




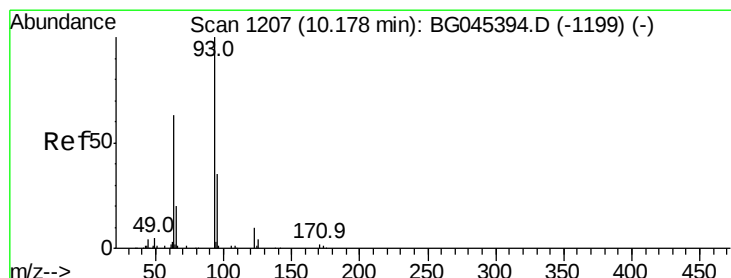
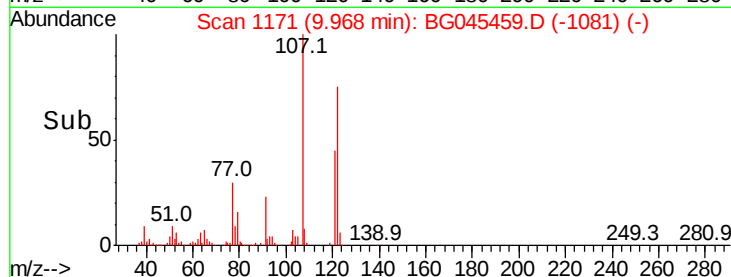
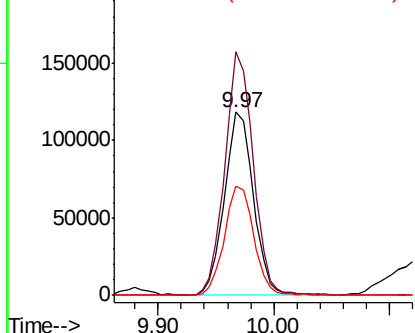
#27
2,4-Dimethylphenol
Concen: 57.950 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tot Ion:122 Resp: 207124
Ion Ratio Lower Upper
122 100
107 133.0 99.0 148.4
121 59.5 47.7 71.5

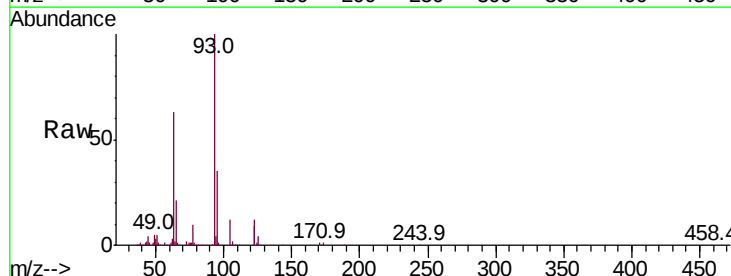


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

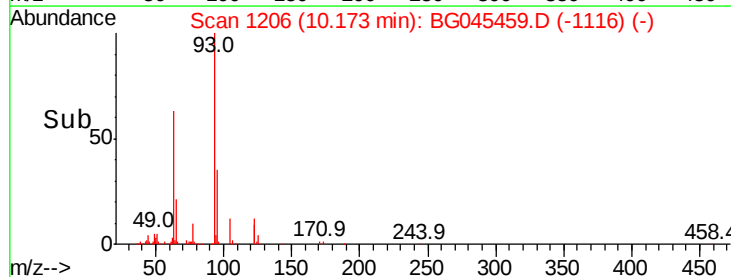
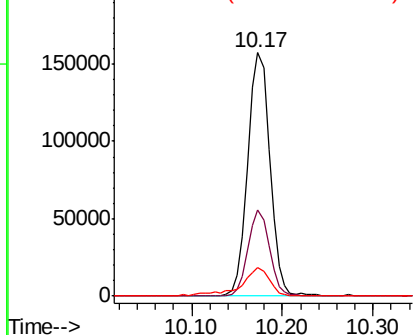


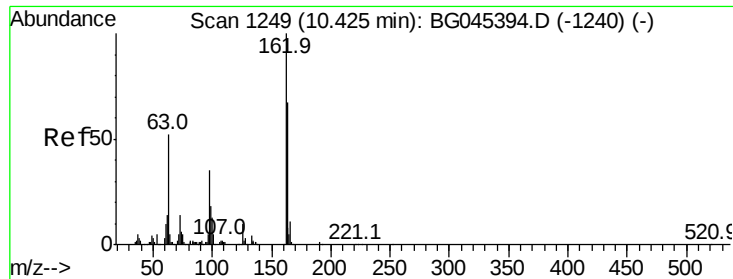
#28
bis(2-Chloroethoxy)methane
Concen: 49.385 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion: 93 Resp: 268181
Ion Ratio Lower Upper
93 100
95 35.2 27.6 41.4
123 11.8 8.1 12.1



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





#29

2,4-Dichlorophenol

Concen: 53.824 ng

RT: 10.44 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

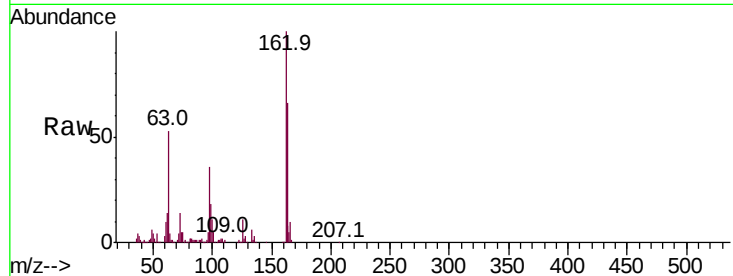
Tot Ion:162 Resp: 227172

Ion Ratio Lower Upper

162 100

164 65.6 46.8 86.8

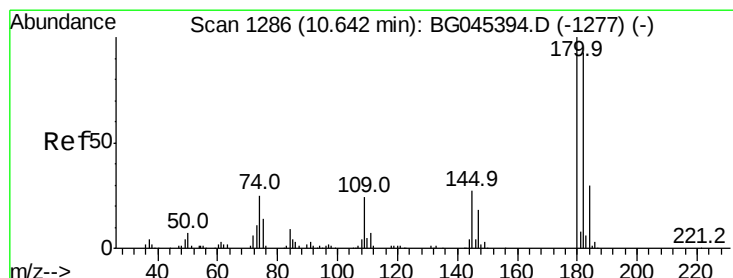
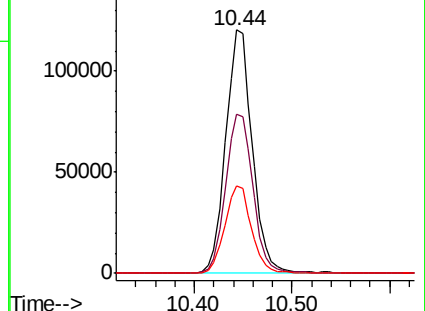
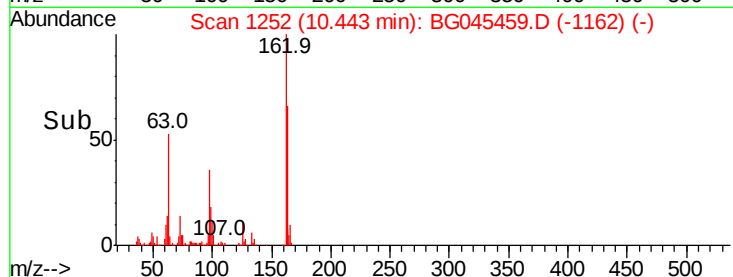
98 36.2 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 47.898 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

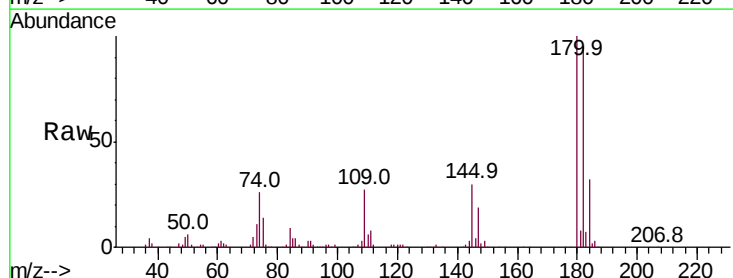
Tgt Ion:180 Resp: 238880

Ion Ratio Lower Upper

180 100

182 95.2 74.8 112.2

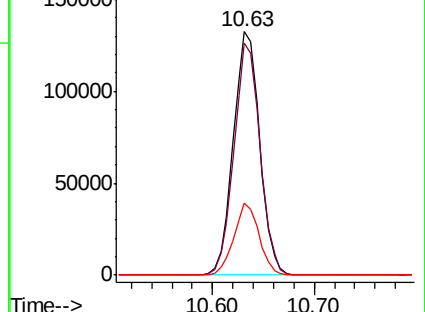
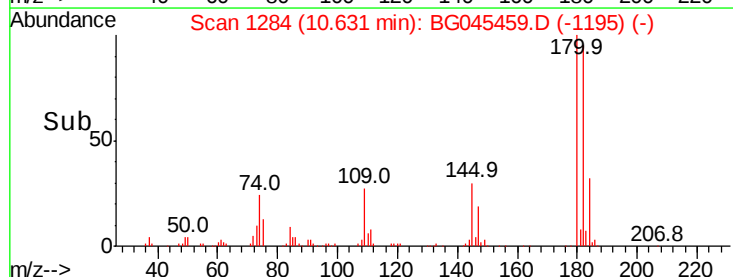
145 29.6 21.9 32.9

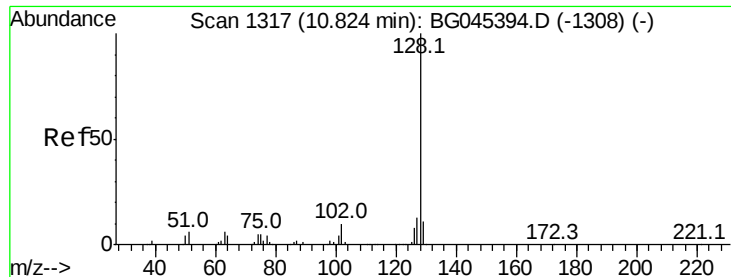


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

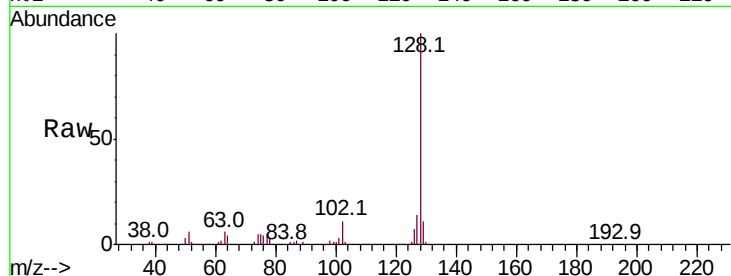




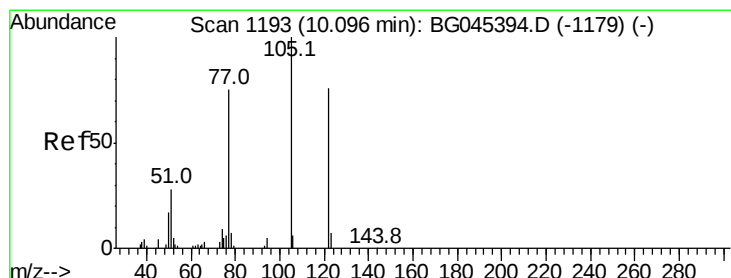
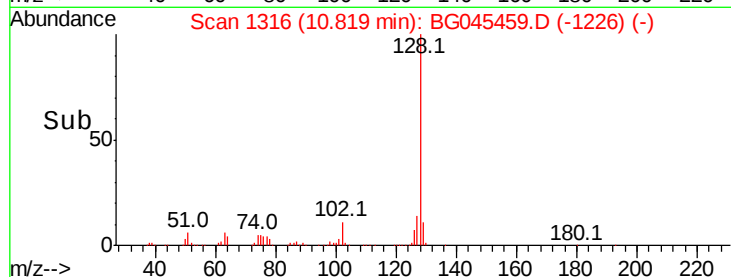
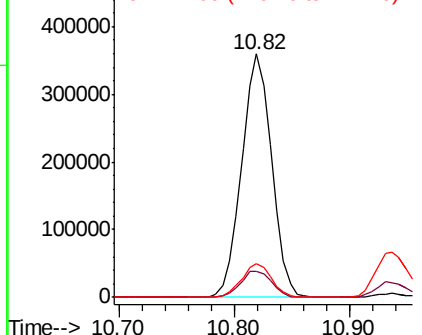
#31
Naphthalene
Concen: 48.541 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	14.1	10.7	16.1

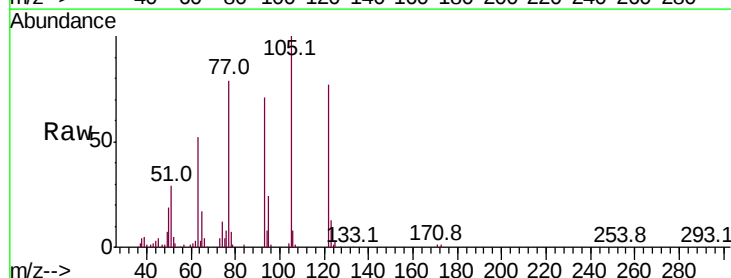


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

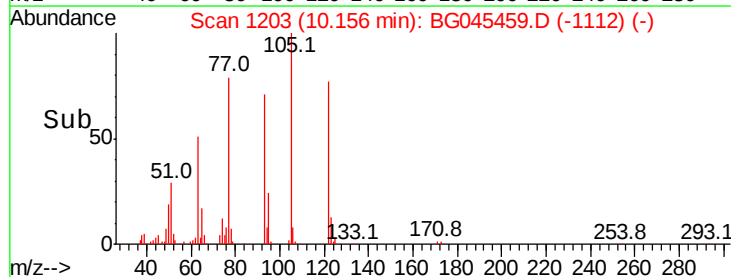
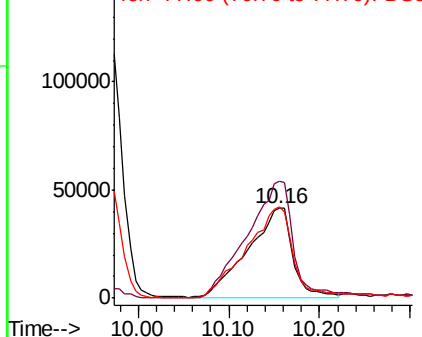


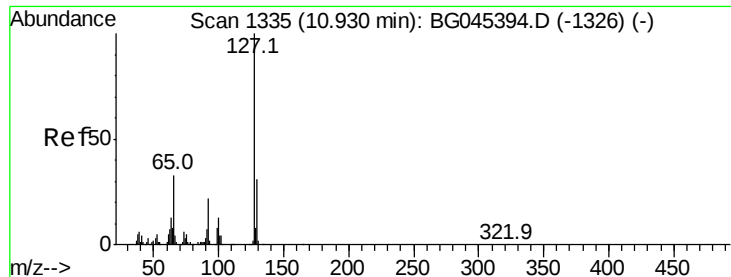
#32
Benzoic acid
Concen: 56.021 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	107.9	147.9
77	102.1	78.9	118.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

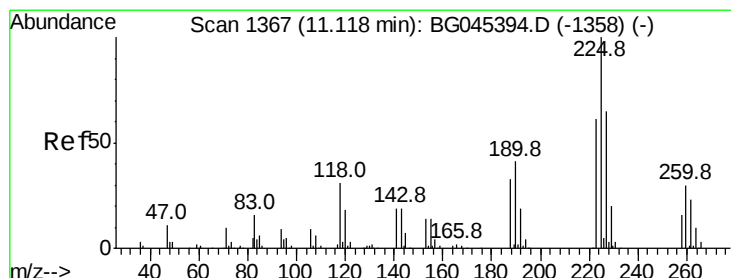
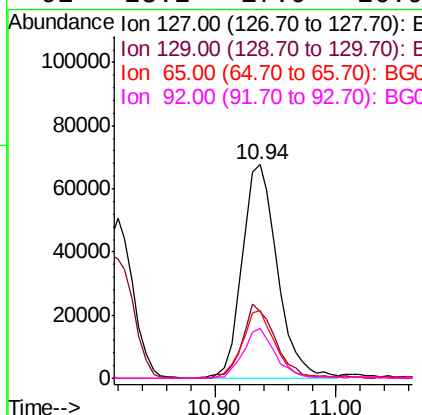
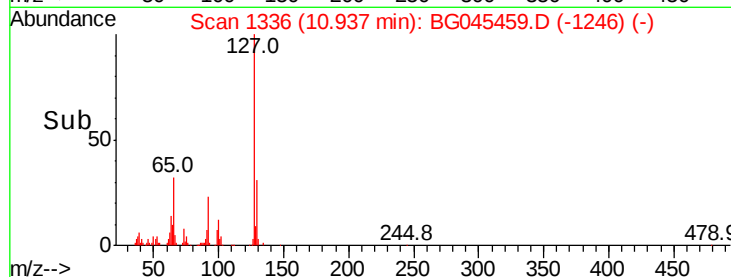
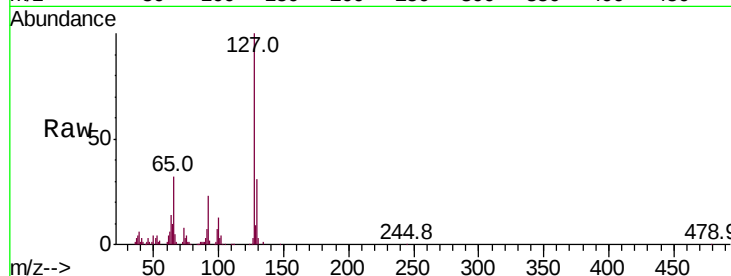




#33
4-Chloroaniline
Concen: 24.662 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

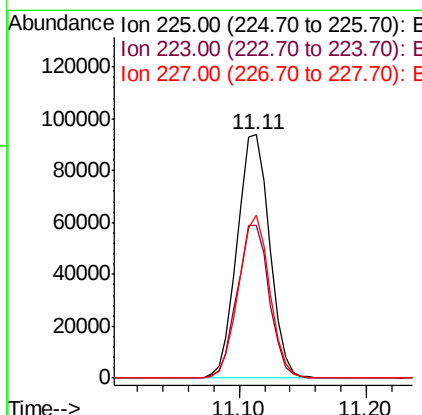
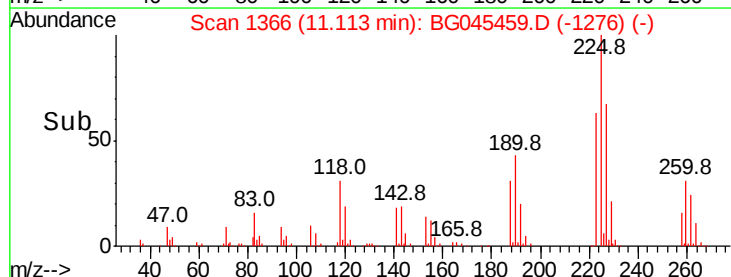
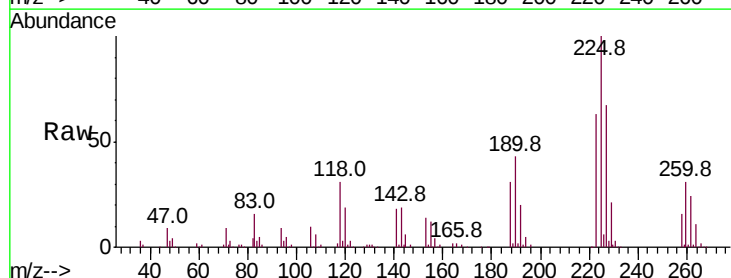
Instrument :
BNA_G
ClientSampleId :
PB129080BS

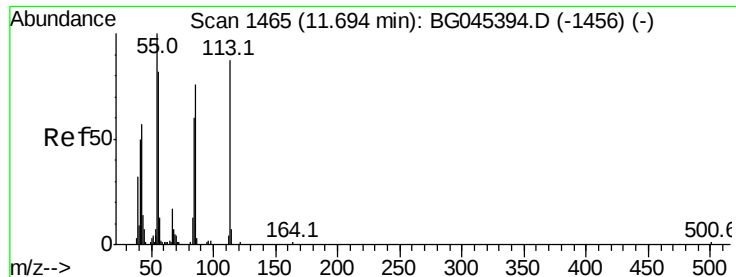
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.7	37.1
65	31.9	26.2	39.2
92	23.2	17.9	26.9



#34
Hexachlorobutadiene
Concen: 47.306 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.1	73.7
227	67.0	52.0	78.0





#35

Caprolactam

Concen: 30.164 ng

RT: 11.70 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

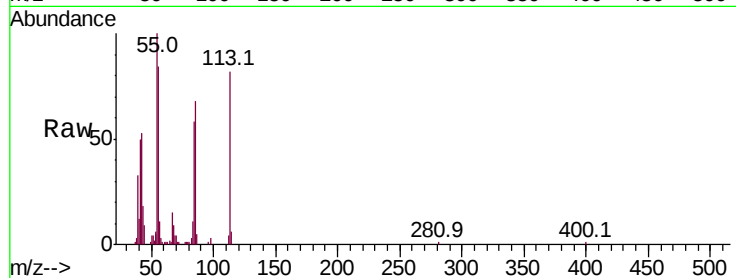
Tot Ion:113 Resp: 46730

Ion Ratio Lower Upper

113 100

55 122.1 96.0 136.0

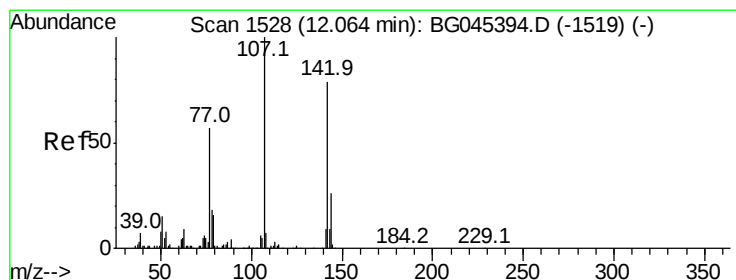
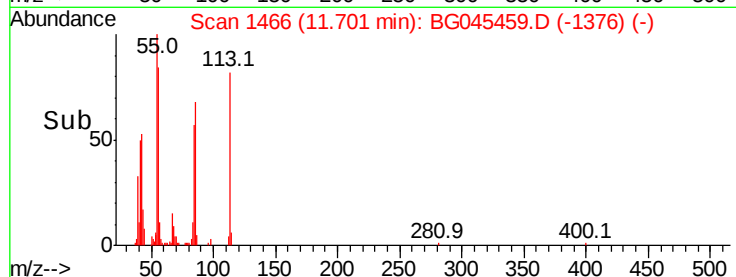
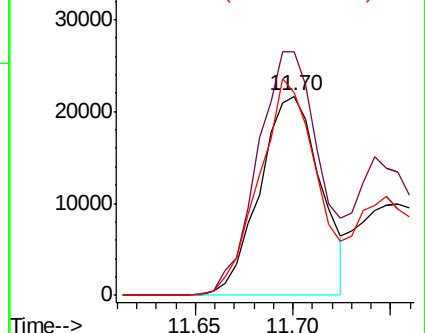
56 102.0 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 54.522 ng

RT: 12.10 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

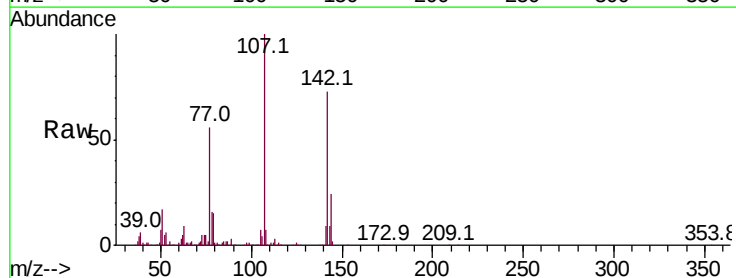
Tgt Ion:107 Resp: 259305

Ion Ratio Lower Upper

107 100

144 23.7 20.8 31.2

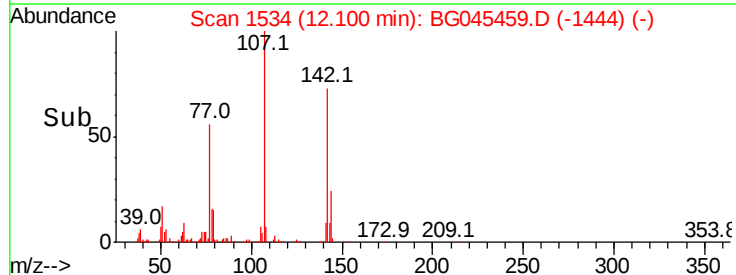
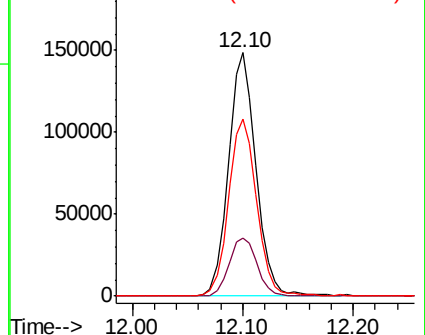
142 72.8 62.8 94.2

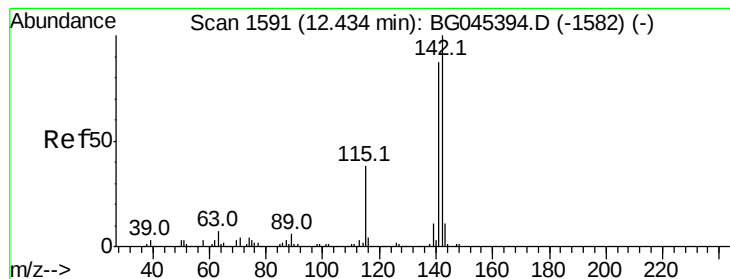


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.027 ng

RT: 12.43 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

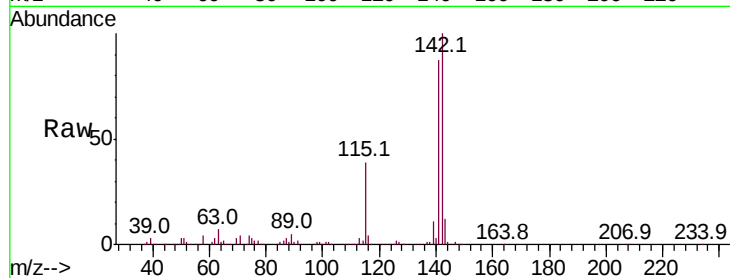
Tot Ion:142 Resp: 498196

Ion Ratio Lower Upper

142 100

141 87.5 70.0 105.0

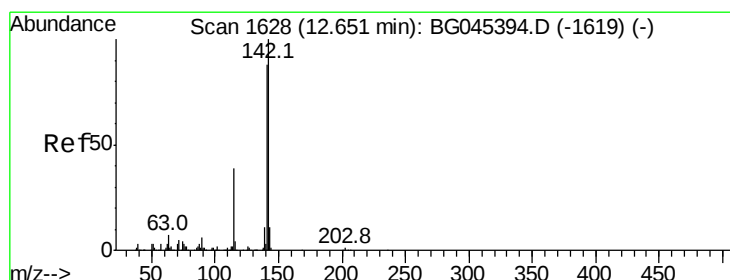
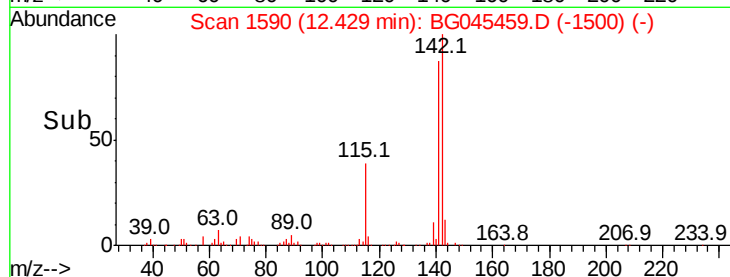
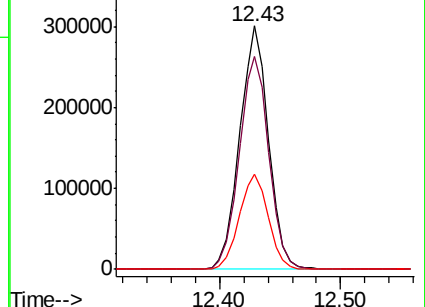
115 39.2 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.482 ng

RT: 12.65 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

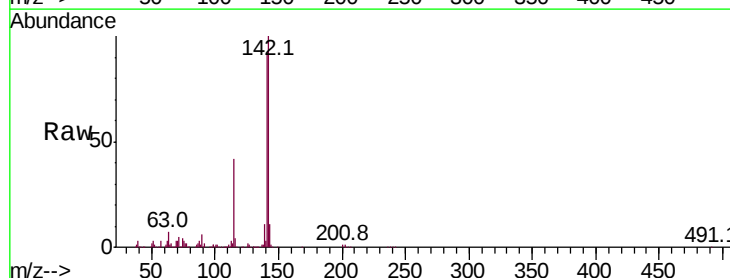
Tgt Ion:142 Resp: 474889

Ion Ratio Lower Upper

142 100

141 92.1 70.8 106.2

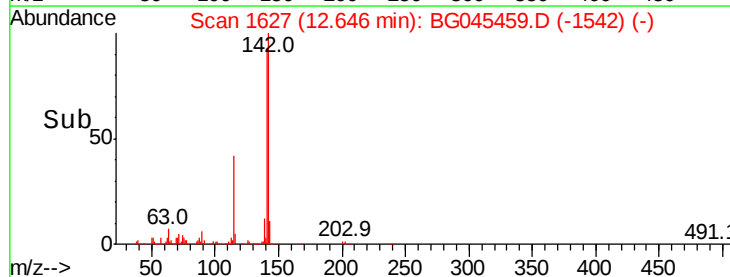
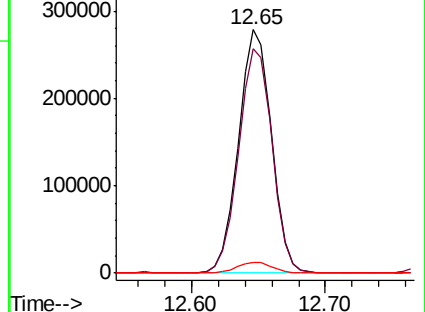
116 4.5 3.0 4.6

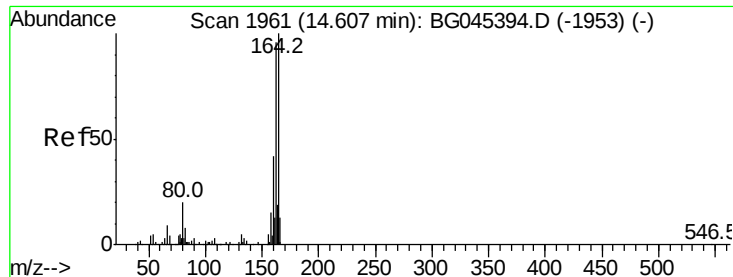


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

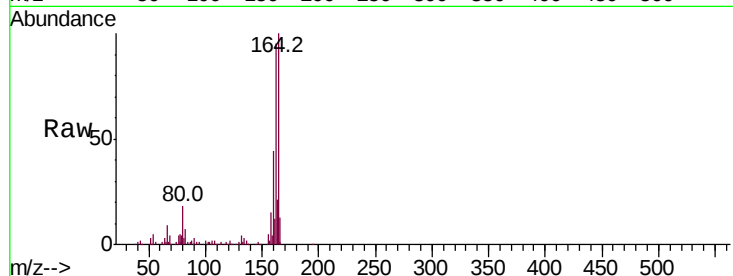
Tot Ion:164 Resp: 213403

Ion Ratio Lower Upper

164 100

162 94.9 76.9 115.3

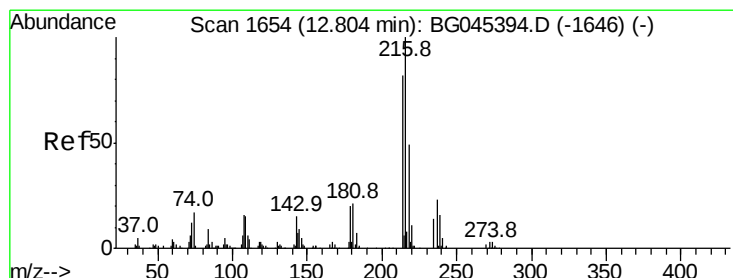
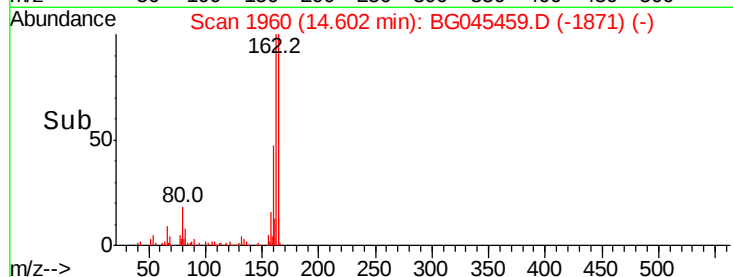
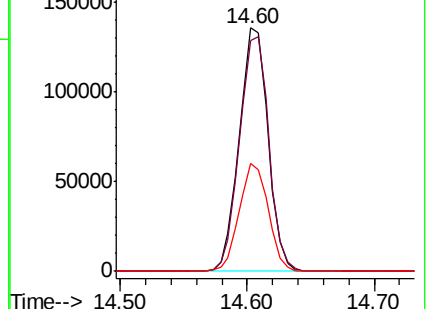
160 44.2 33.8 50.8



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: 48.376 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion:216 Resp: 288354

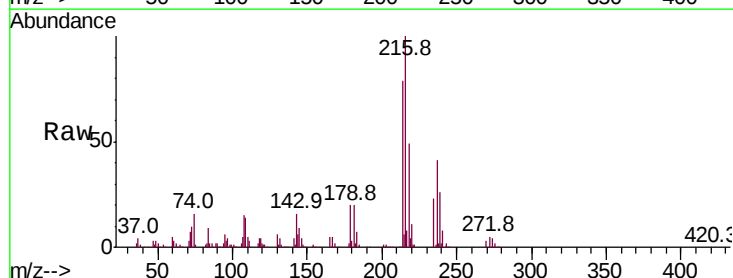
Ion Ratio Lower Upper

216 100

214 78.4 63.7 95.5

179 19.5 16.1 24.1

108 18.8 13.8 20.6

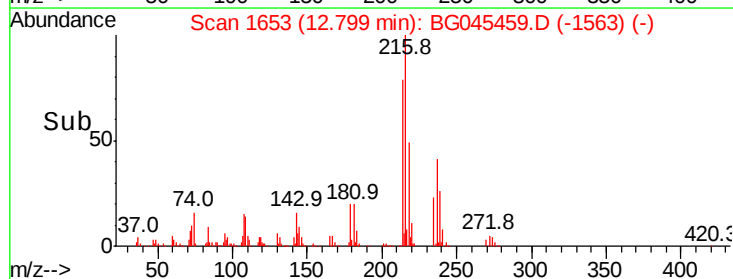
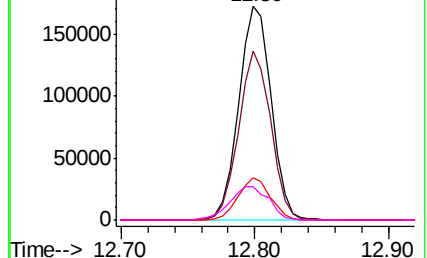


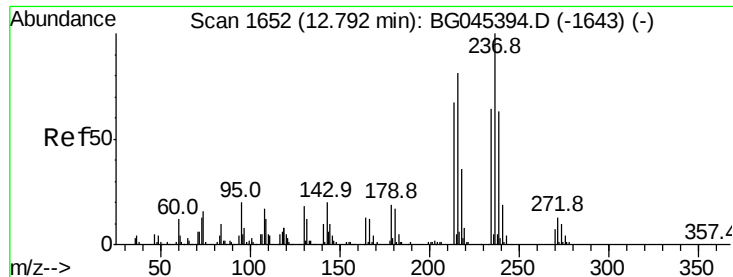
Abundance Ion 216.00 (215.70 to 216.70): E

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: 107.551 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

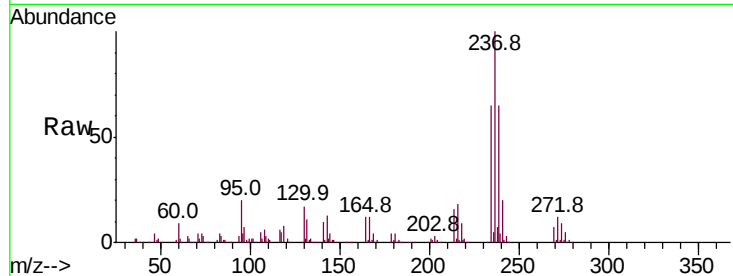
Tot Ion:237 Resp: 370017

Ion Ratio Lower Upper

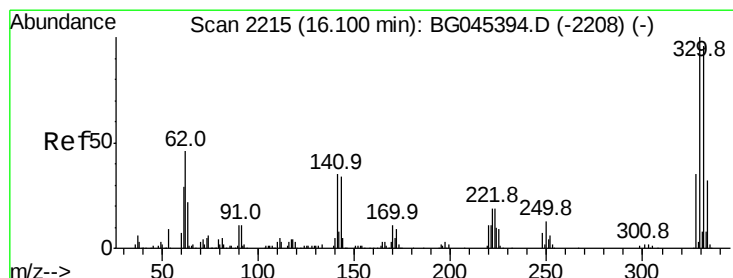
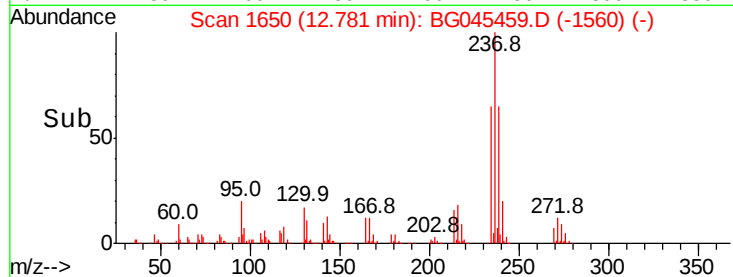
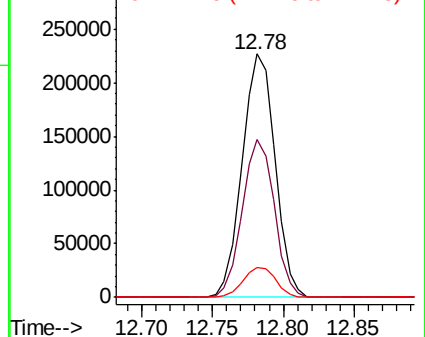
237 100

235 64.9 44.4 84.4

272 12.1 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: 151.751 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

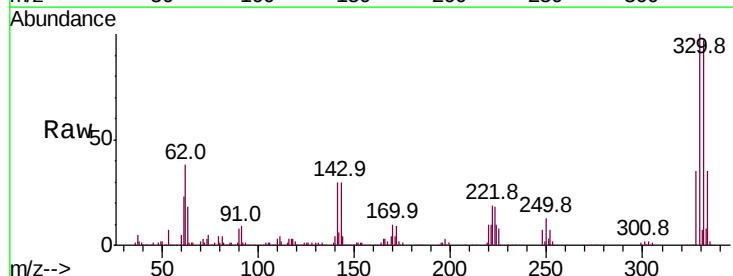
Tgt Ion:330 Resp: 414156

Ion Ratio Lower Upper

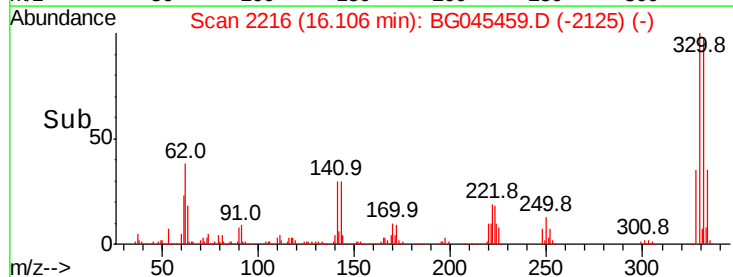
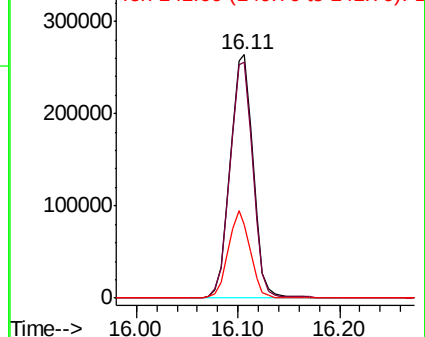
330 100

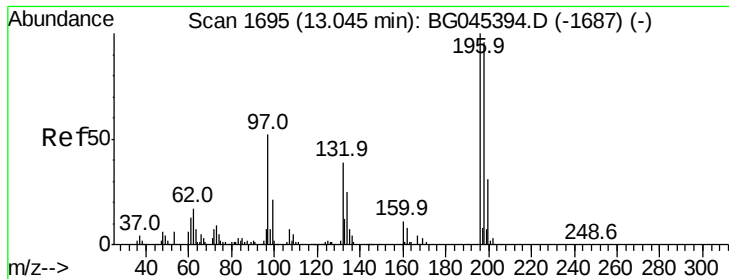
332 96.8 78.2 117.4

141 34.3 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

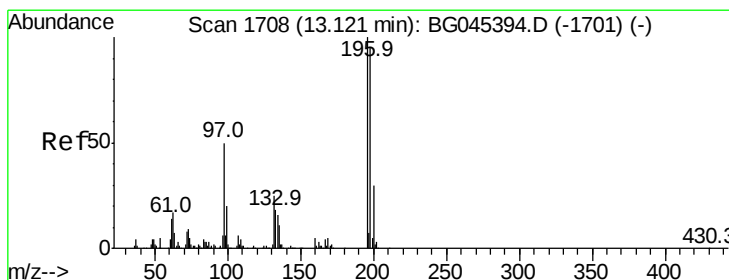
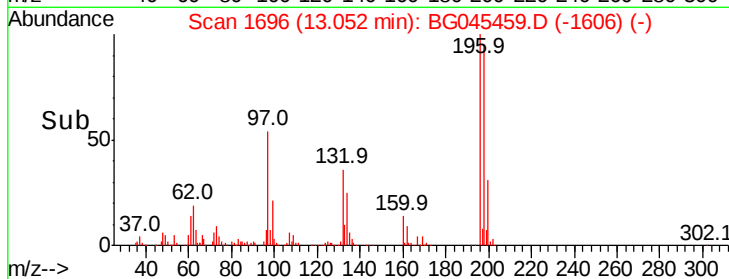
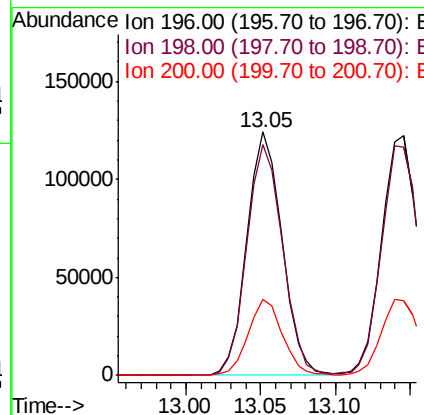
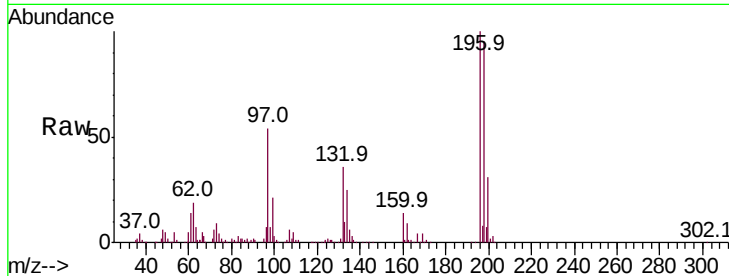




#43
 2,4,6-Trichlorophenol
 Concen: 49.144 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

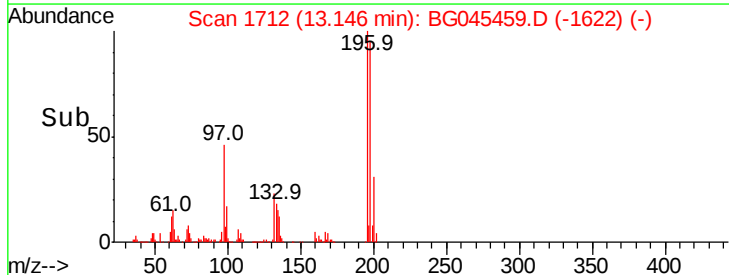
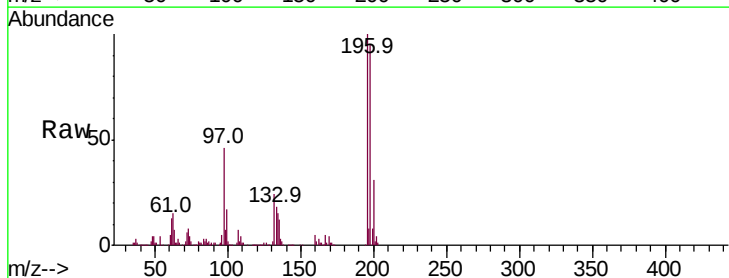
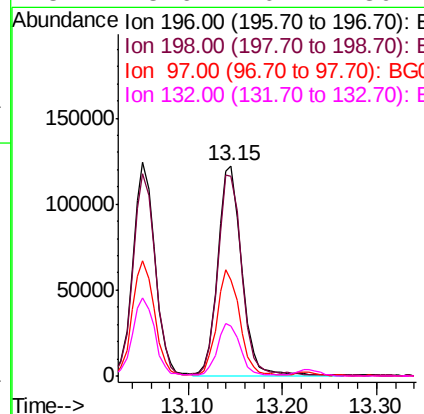
Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

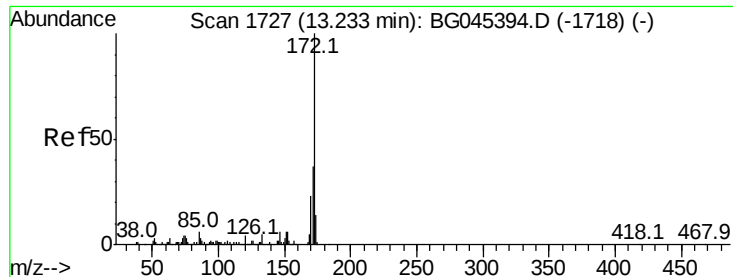
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.7	115.1
200	31.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.057 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.1	114.1
97	45.7	40.0	60.0
132	23.6	20.2	30.2



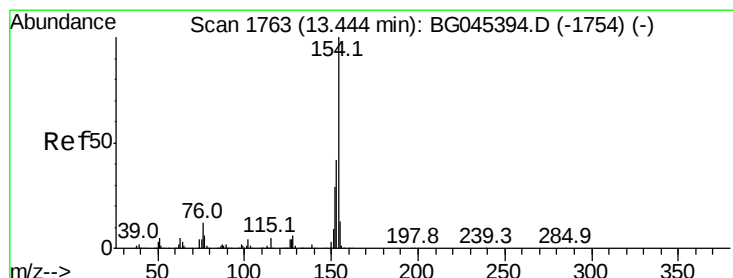
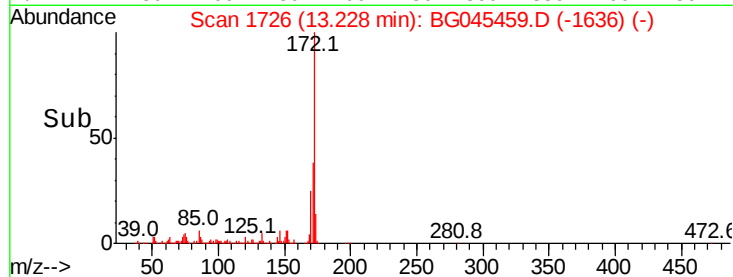
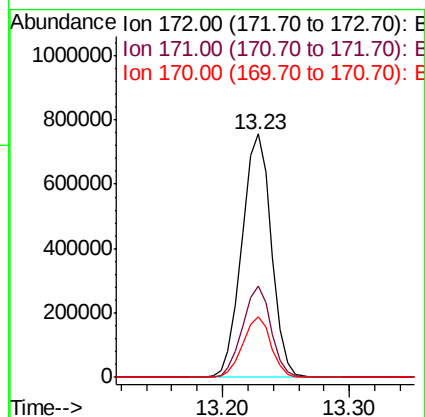
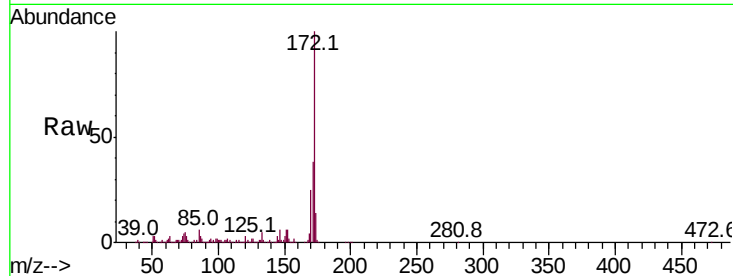


#45
 2-Fluorobiphenyl
 Concen: 96.575 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tot Ion:172 Resp: 1215024

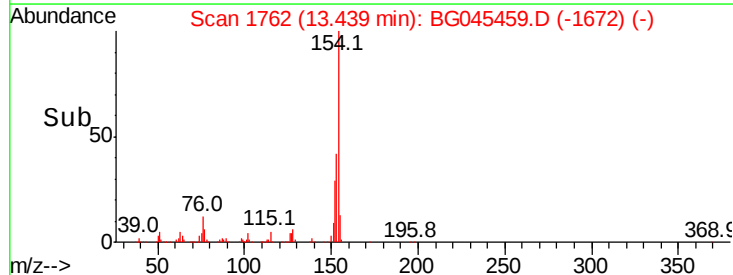
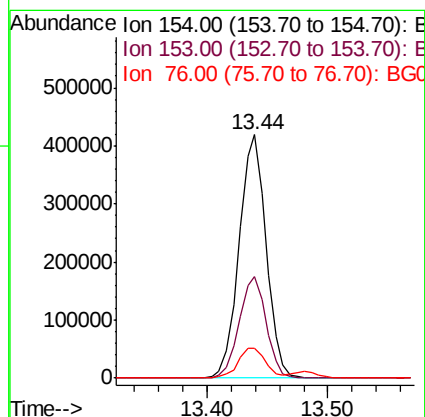
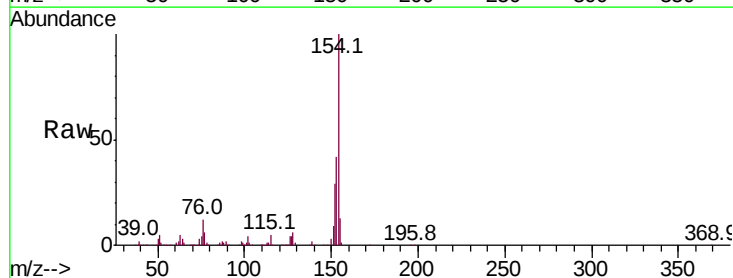
Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.5	44.3
170	24.6	18.5	27.7

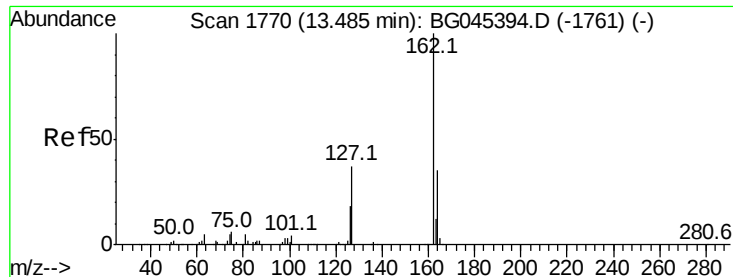


#46
 1,1'-Biphenyl
 Concen: 49.648 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion:154 Resp: 651014

Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.2	62.2
76	12.5	0.0	32.4





#47

2-Chloronaphthalene

Concen: 46.461 ng

RT: 13.48 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

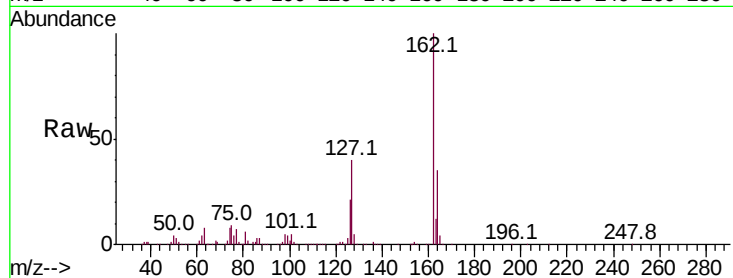
Tot Ion:162 Resp: 494713

Ion Ratio Lower Upper

162 100

127 39.6 31.6 47.4

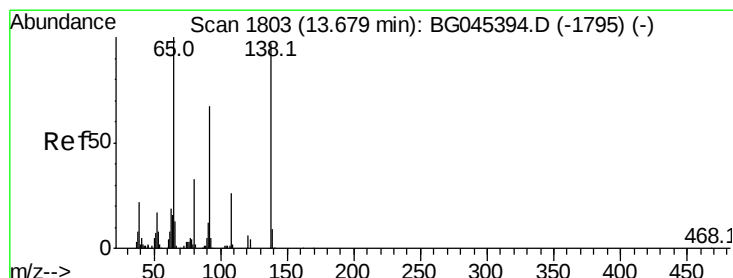
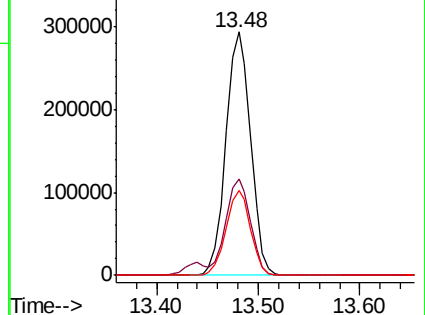
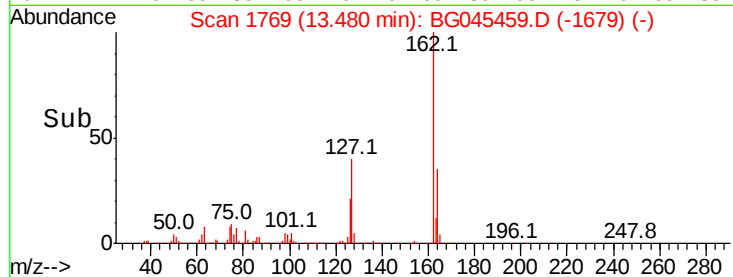
164 34.6 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.640 ng

RT: 13.69 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

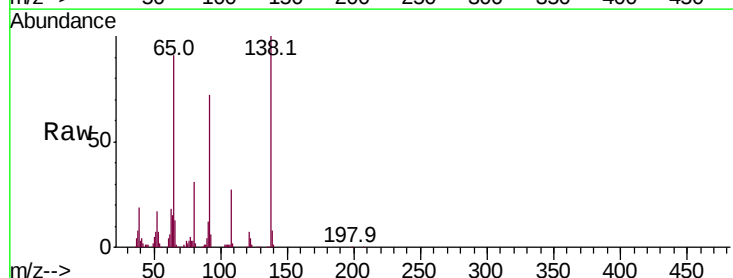
Tgt Ion: 65 Resp: 156355

Ion Ratio Lower Upper

65 100

92 79.3 53.8 80.8

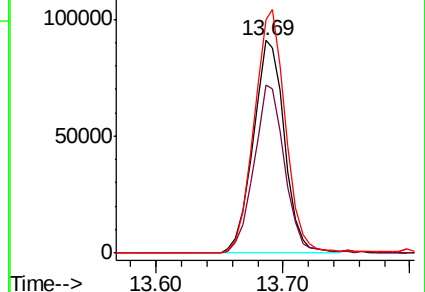
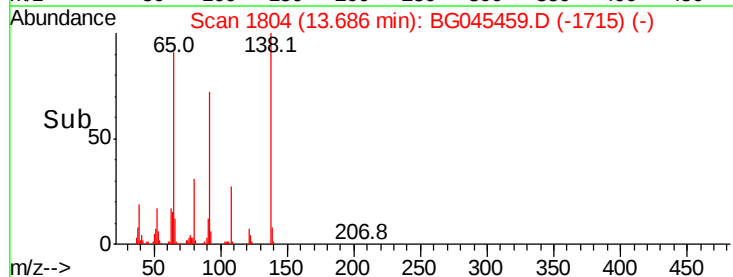
138 109.5 77.9 116.9

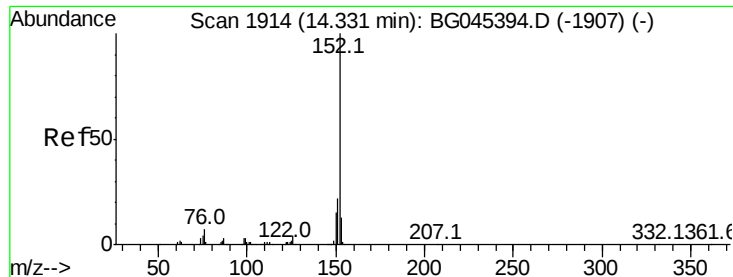


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.846 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

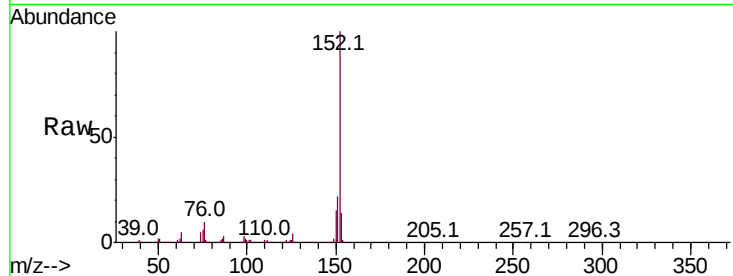
Tot Ion:152 Resp: 835433

Ion Ratio Lower Upper

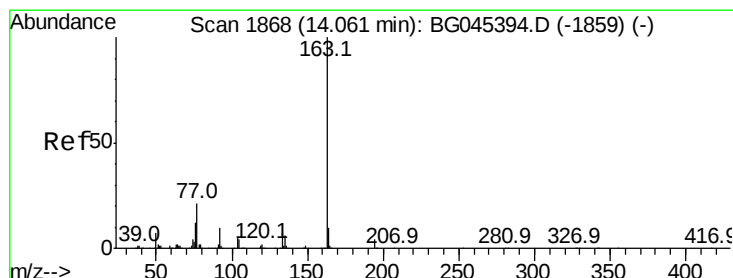
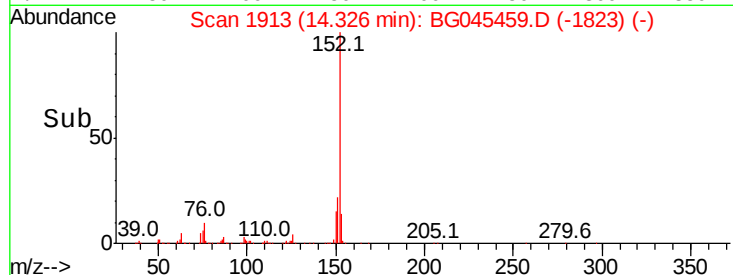
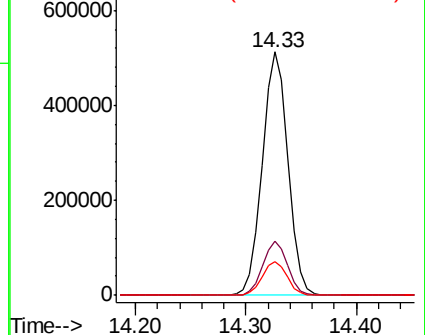
152 100

151 22.1 17.4 26.2

153 13.9 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: 47.306 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

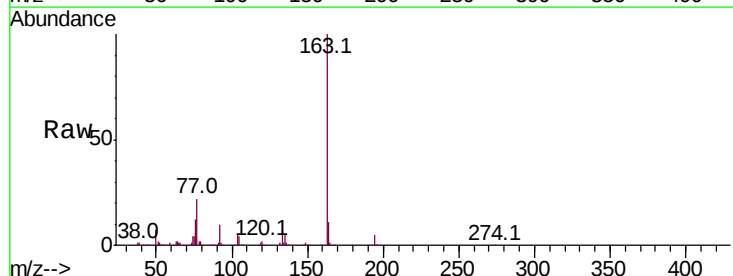
Tgt Ion:163 Resp: 692533

Ion Ratio Lower Upper

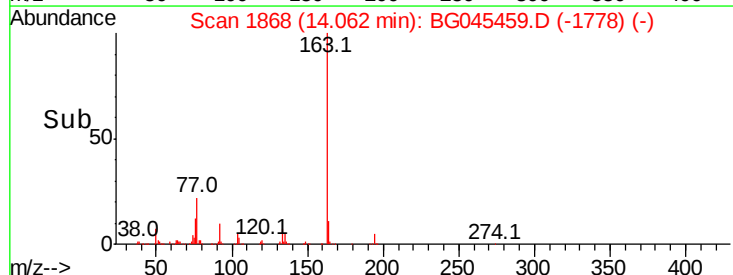
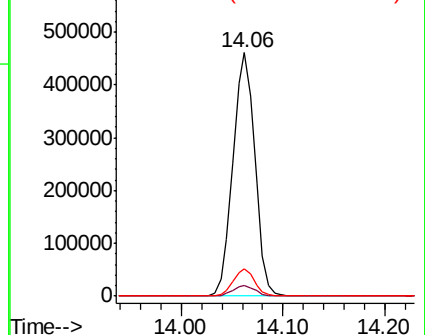
163 100

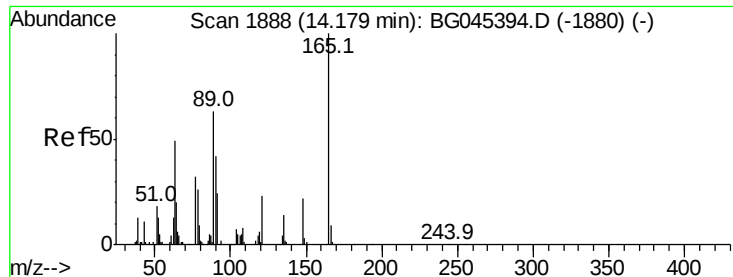
194 4.5 3.2 4.8

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

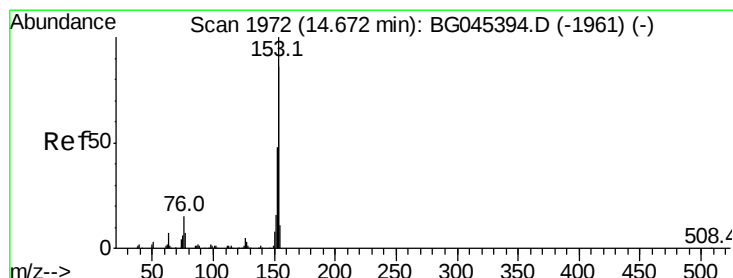
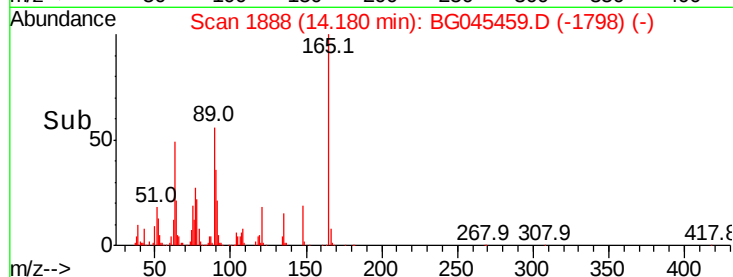
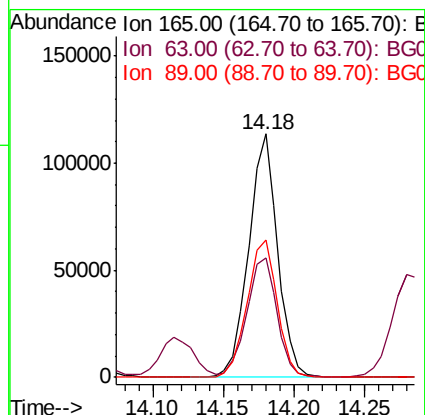
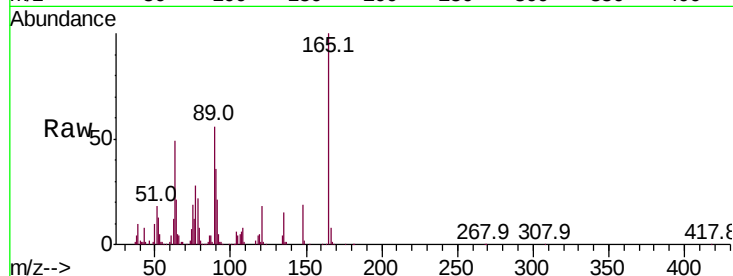




#51
 2,6-Dinitrotoluene
 Concen: 49.300 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

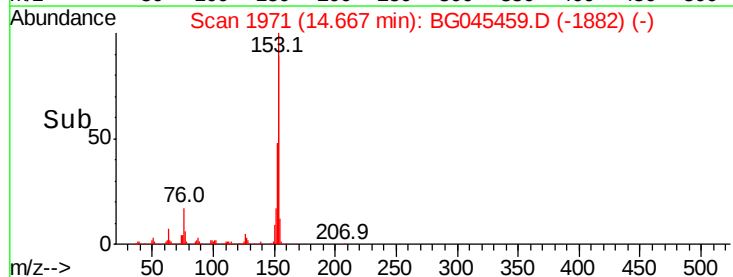
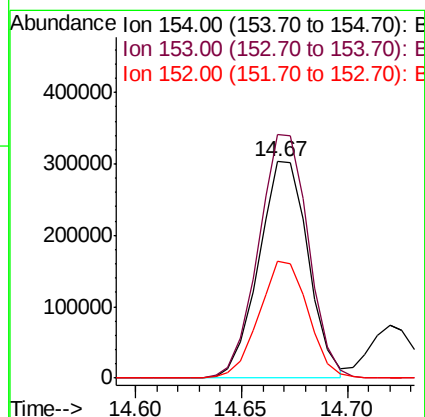
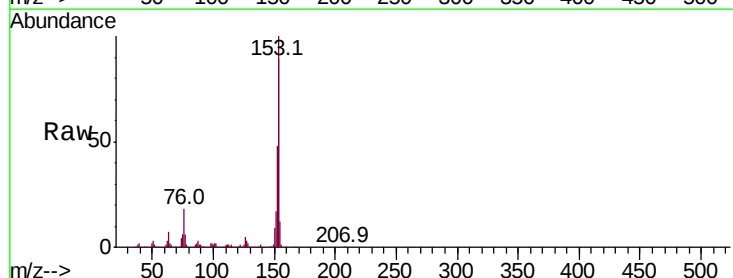
Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

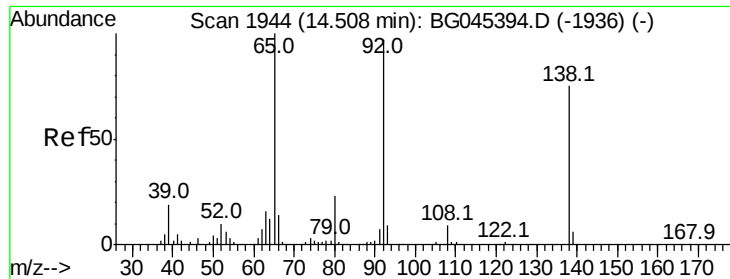
Tot Ion:165 Resp: 162854
 Ion Ratio Lower Upper
 165 100
 63 48.9 45.0 67.4
 89 56.4 50.2 75.4



#52
 Acenaphthene
 Concen: 43.012 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion:154 Resp: 492425
 Ion Ratio Lower Upper
 154 100
 153 112.5 92.8 139.2
 152 54.0 44.6 66.8





#53

3-Nitroaniline

Concen: 29.134 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

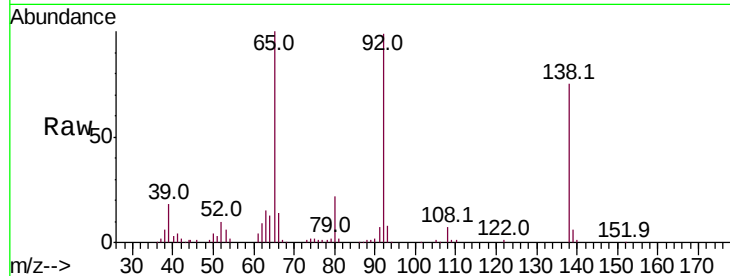
Tot Ion:138 Resp: 97833

Ion Ratio Lower Upper

138 100

108 9.1 9.8 14.6#

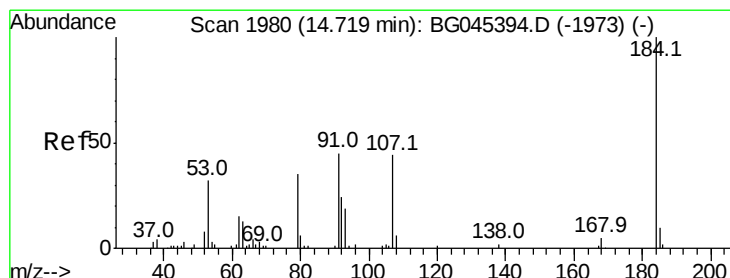
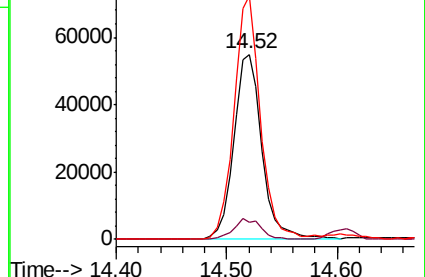
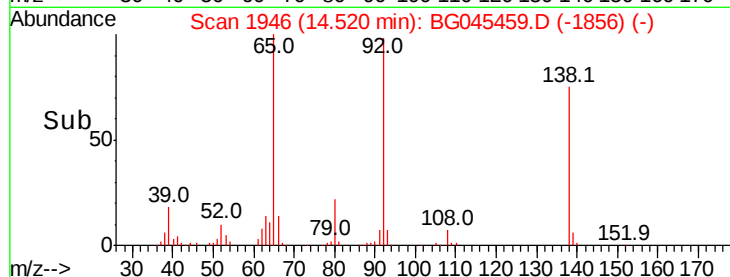
92 131.8 103.0 154.4



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: 82.523 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

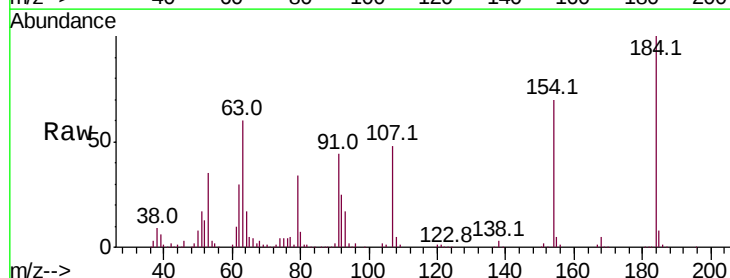
Tgt Ion:184 Resp: 178974

Ion Ratio Lower Upper

184 100

63 60.1 47.8 71.6

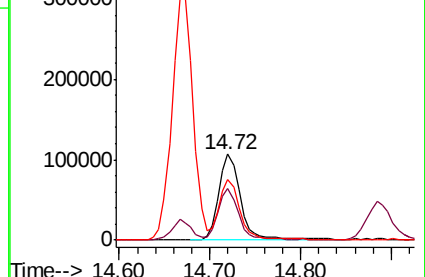
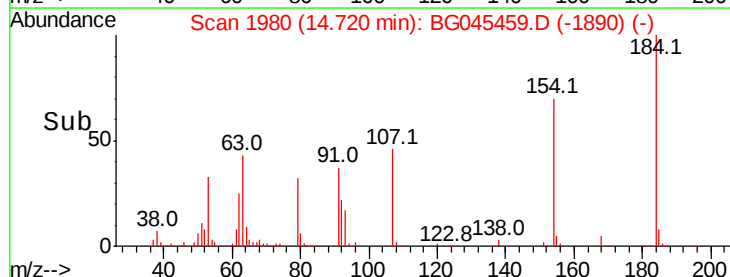
154 69.9 58.3 87.5

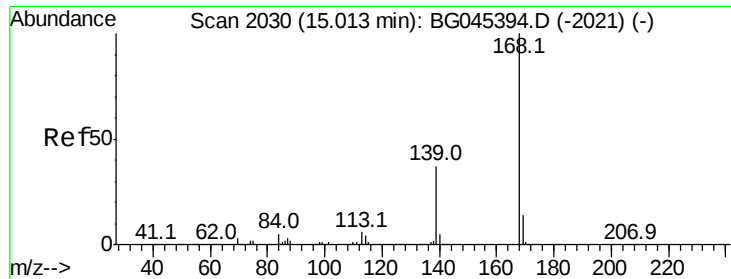


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 47.623 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

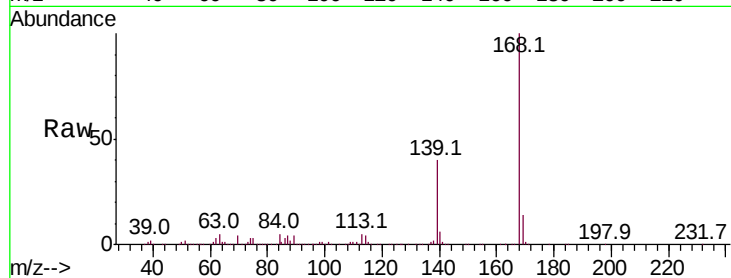
Tot Ion:168 Resp: 809652

Ion Ratio Lower Upper

168 100

139 39.8 29.9 44.9

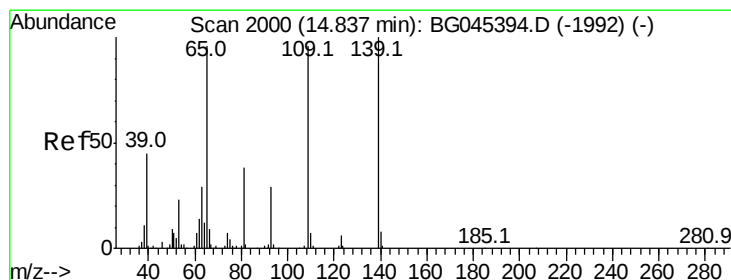
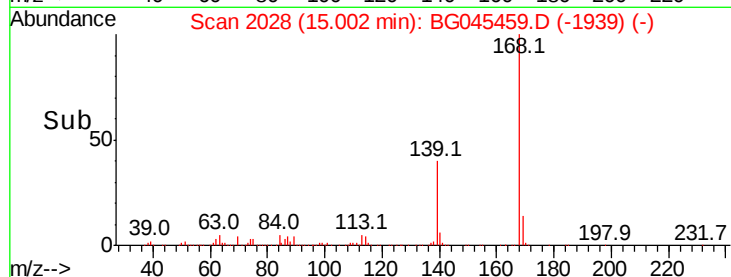
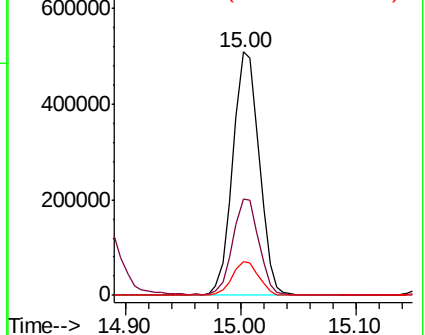
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 96.970 ng

RT: 14.88 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

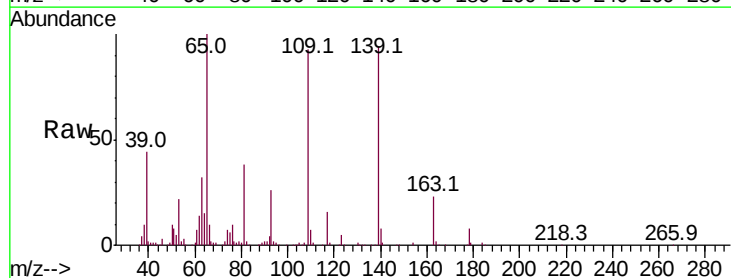
Tgt Ion:139 Resp: 246530

Ion Ratio Lower Upper

139 100

109 98.5 75.6 115.6

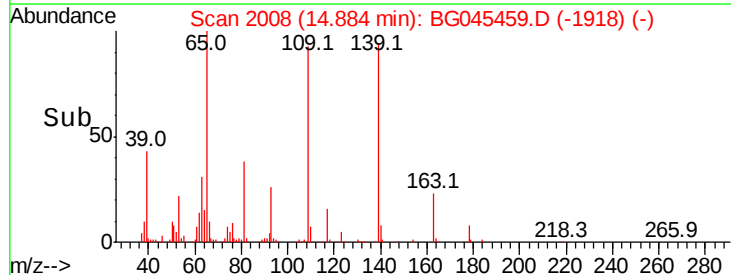
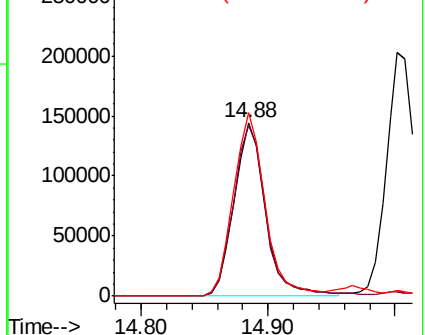
65 105.8 76.8 116.8

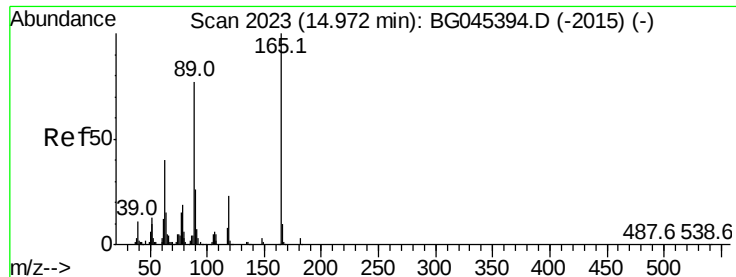


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

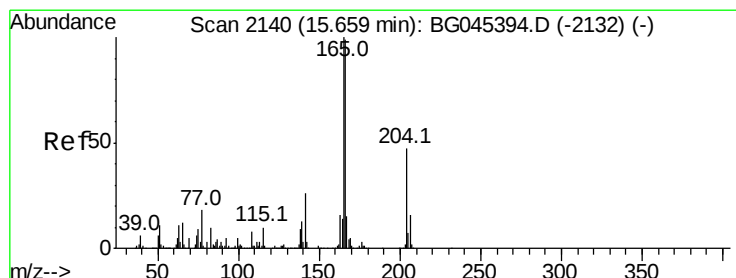
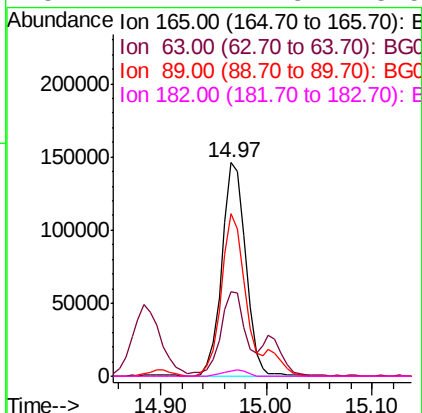
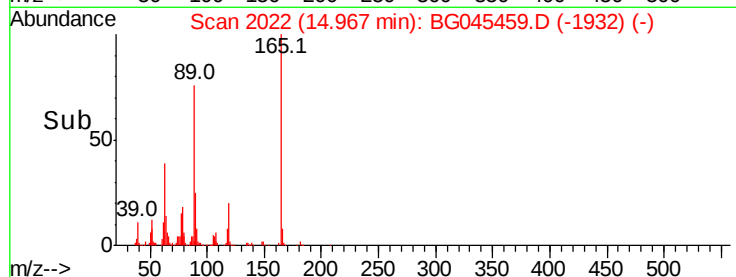
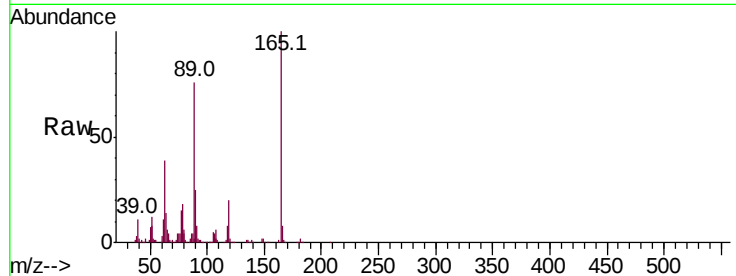




#57
2,4-Dinitrotoluene
Concen: 47.983 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

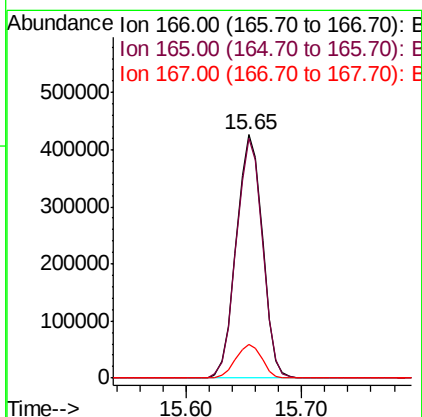
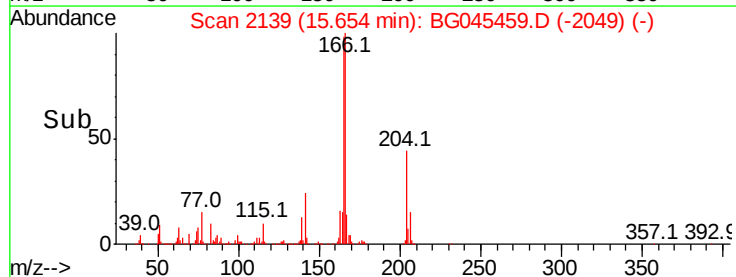
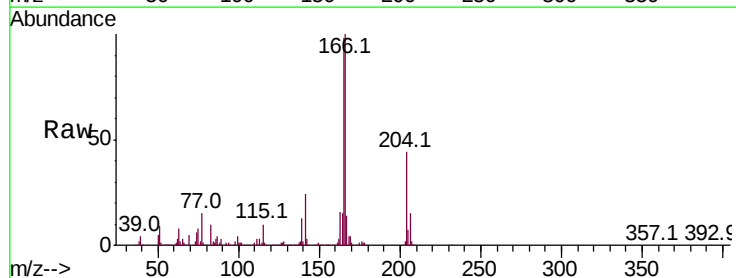
Instrument :
BNA_G
ClientSampleId :
PB129080BS

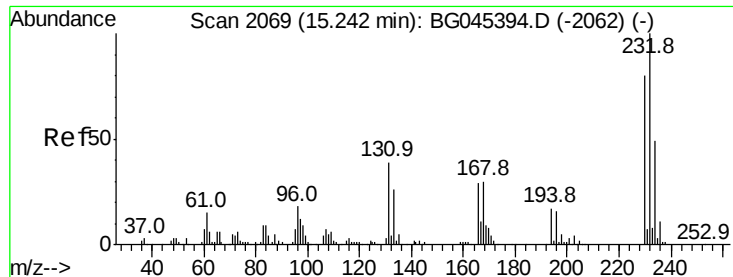
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.5	32.5	48.7
89	76.2	61.8	92.6
182	2.4	2.3	3.5



#58
Fluorene
Concen: 47.917 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.8	121.2
167	13.9	12.0	18.0

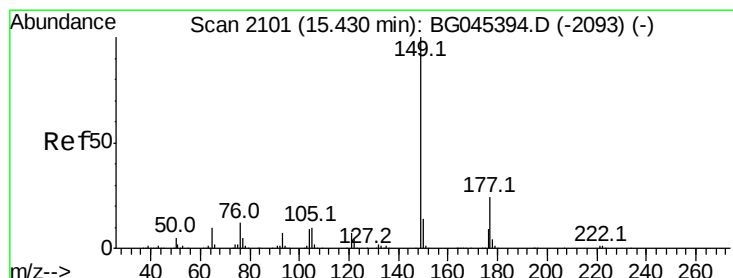
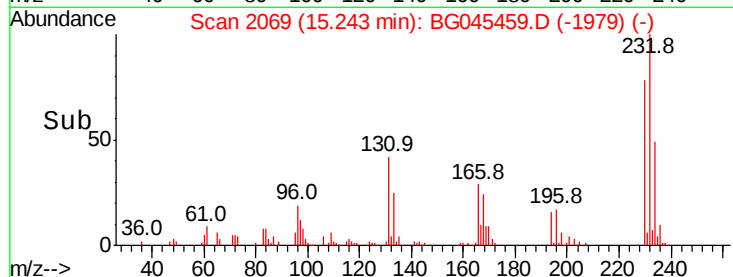
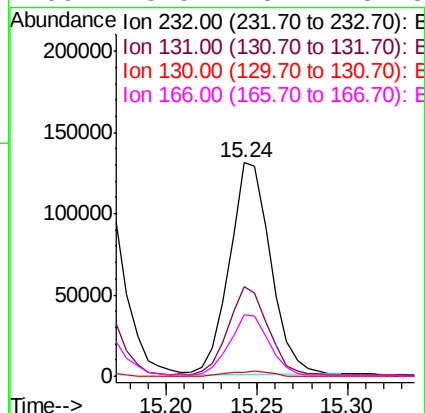
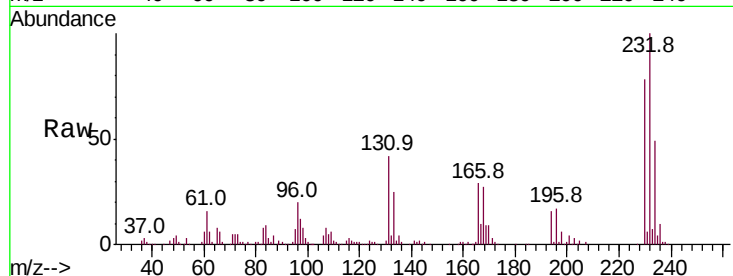




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.457 ng
RT: 15.24 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

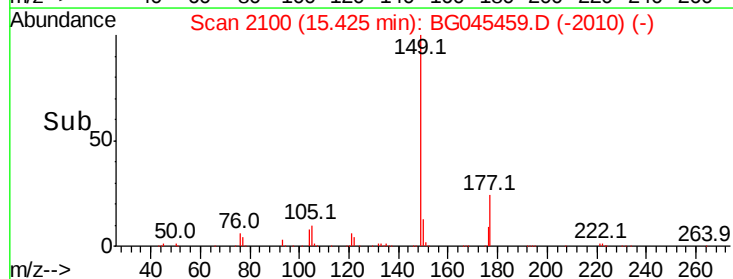
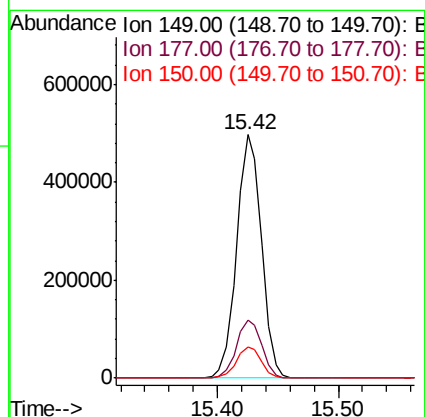
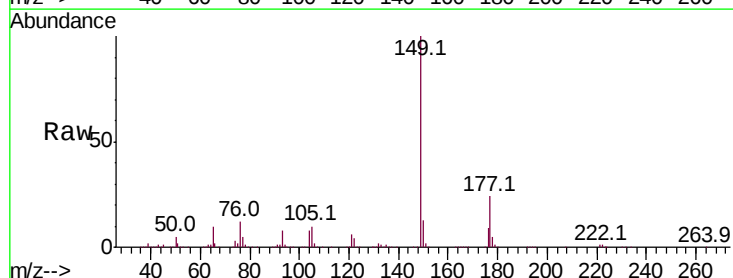
Instrument :
BNA_G
ClientSampleId :
PB129080BS

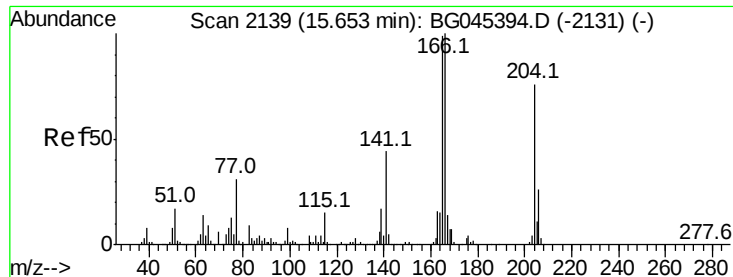
Tot Ion:	232	Resp:	205881
Ion	Ratio	Lower	Upper
232	100		
131	40.8	33.7	50.5
130	2.6	2.1	3.1
166	28.5	23.2	34.8



#60
Diethylphthalate
Concen: 46.490 ng
RT: 15.42 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion:	149	Resp:	708370
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	12.8	11.4	17.0

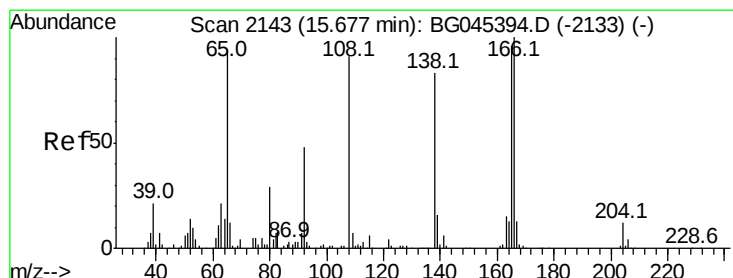
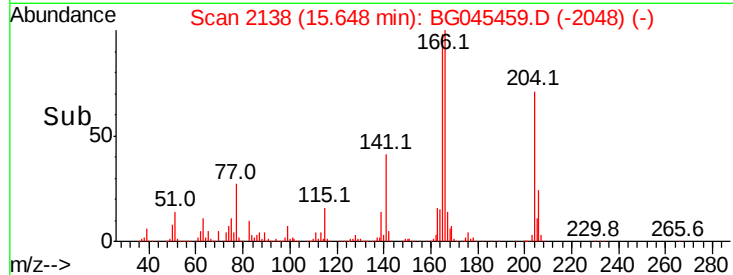
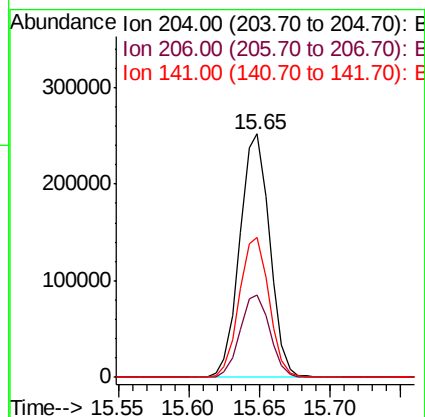
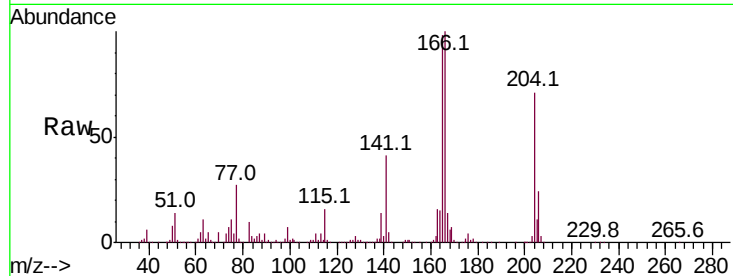




#61
4-Chlorophenyl-phenylether
Concen: 46.736 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

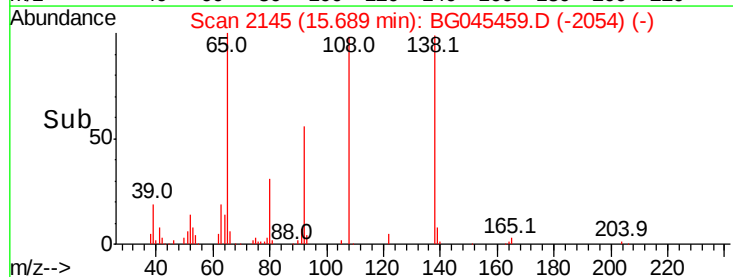
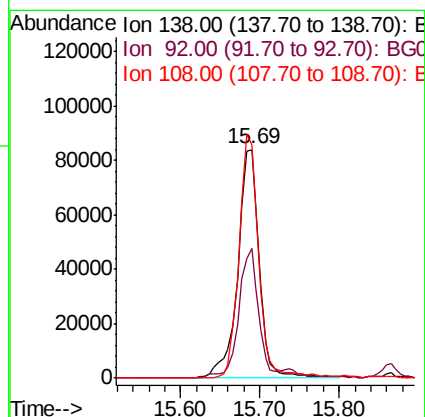
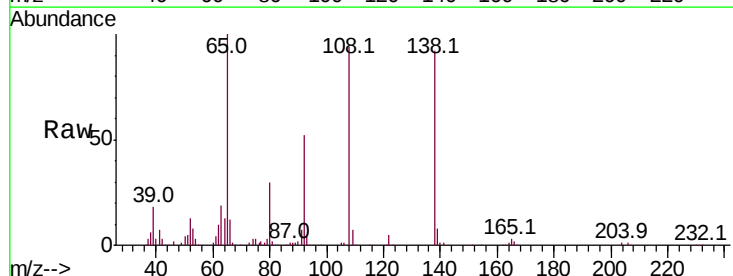
Instrument :
BNA_G
ClientSampleId :
PB129080BS

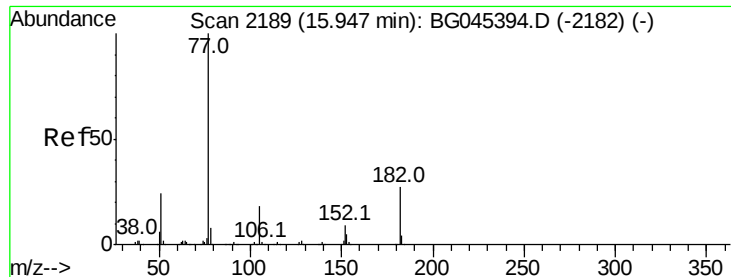
Tot Ion:204 Resp: 373548
Ion Ratio Lower Upper
204 100
206 34.1 27.3 40.9
141 57.5 45.9 68.9



#62
4-Nitroaniline
Concen: 45.255 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion:138 Resp: 158649
Ion Ratio Lower Upper
138 100
92 56.8 38.0 78.0
108 102.5 89.3 129.3





#63

Azobenzene

Concen: 47.071 ng

RT: 15.94 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

Tot Ion: 77 Resp: 668768

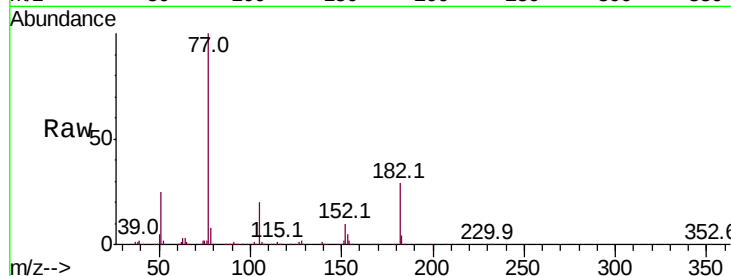
Ion Ratio Lower Upper

77 100

182 29.0 6.5 46.5

105 20.1 0.0 37.9

51 25.2 4.1 44.1

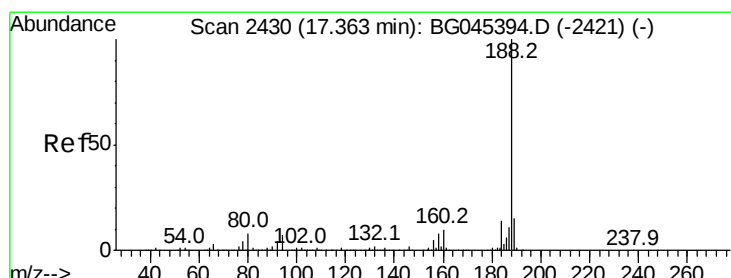
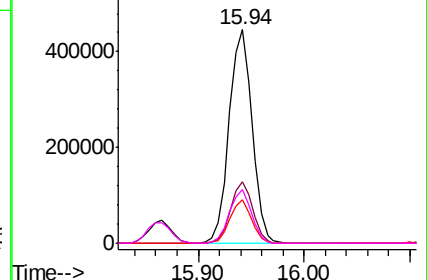
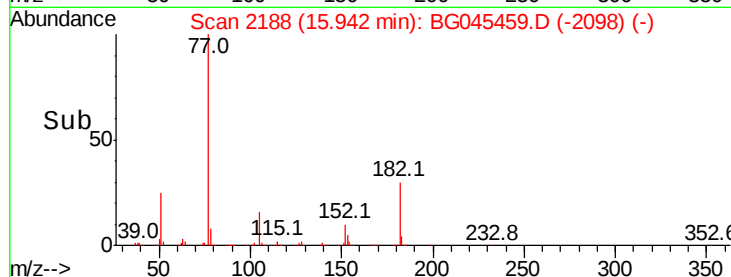


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2428

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

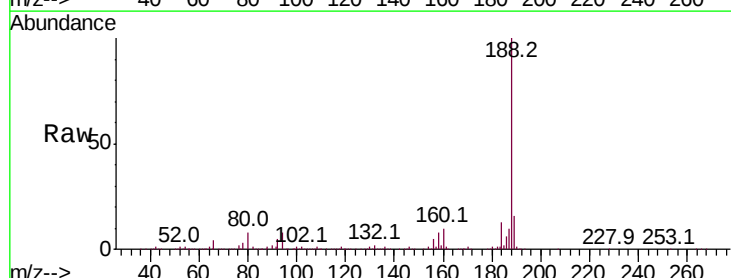
Tgt Ion: 188 Resp: 506226

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

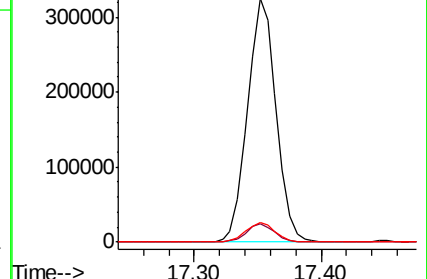
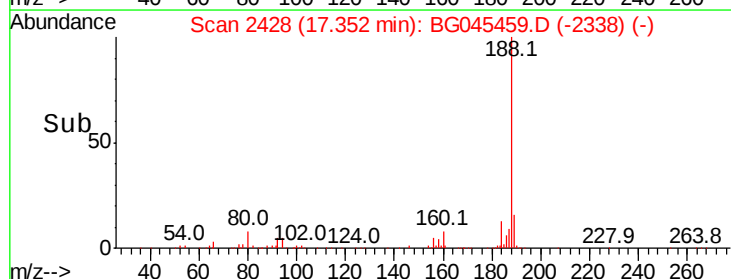
80 8.3 6.6 10.0

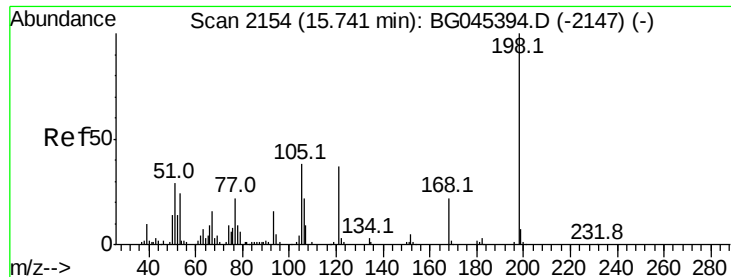


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

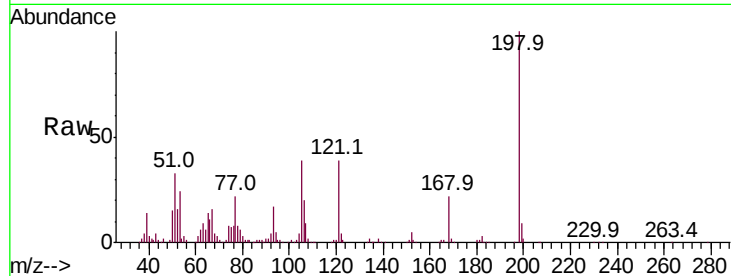




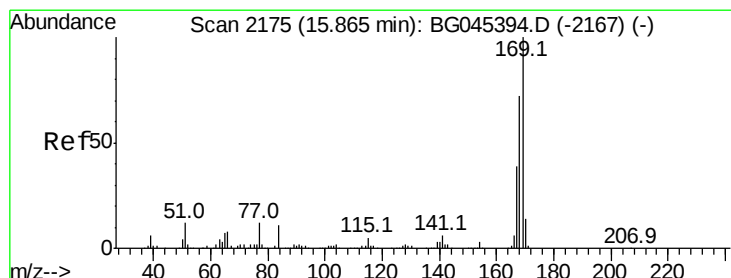
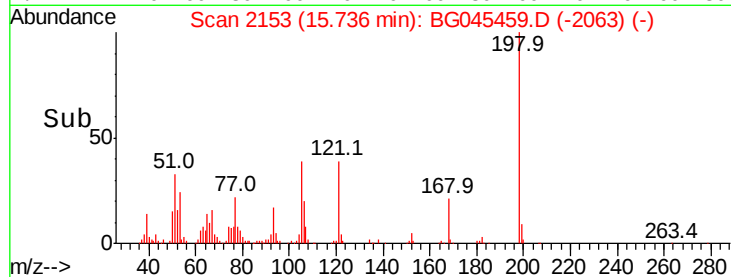
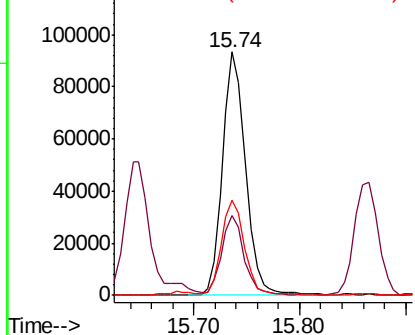
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.228 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.8	10.0	50.0
105	39.0	18.9	58.9

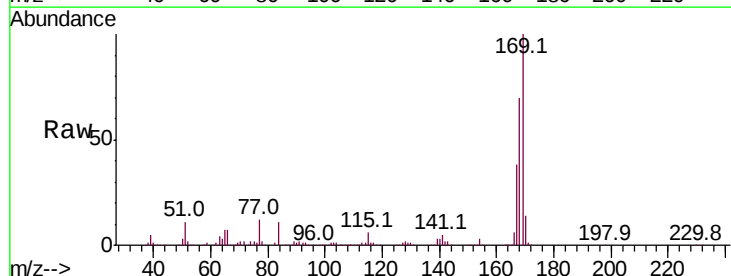


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

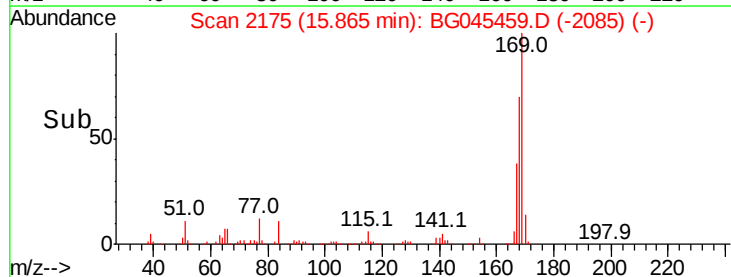
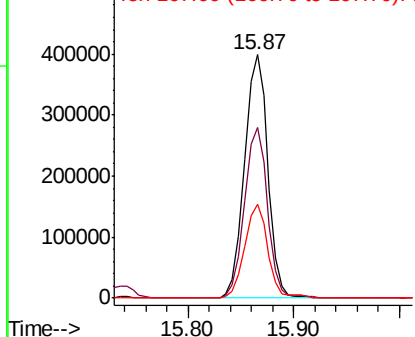


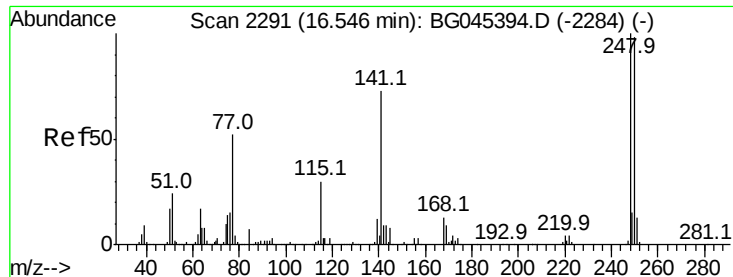
#66
 n-Nitrosodiphenylamine
 Concen: 50.171 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	57.8	86.6
167	38.4	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

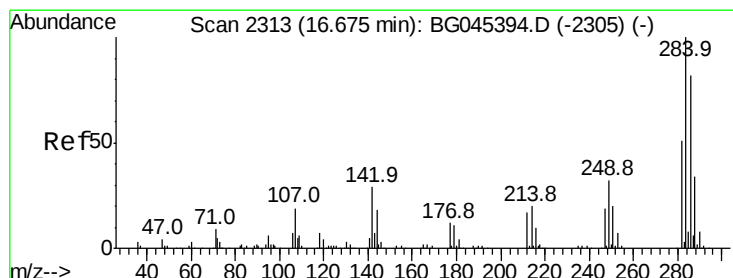
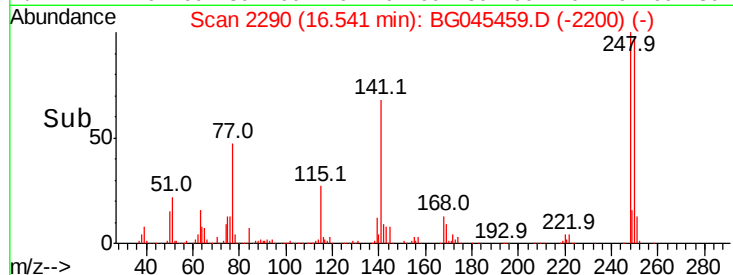
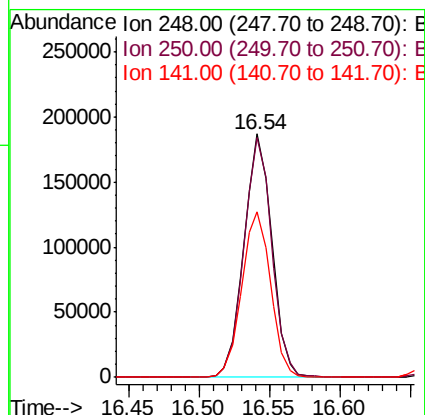
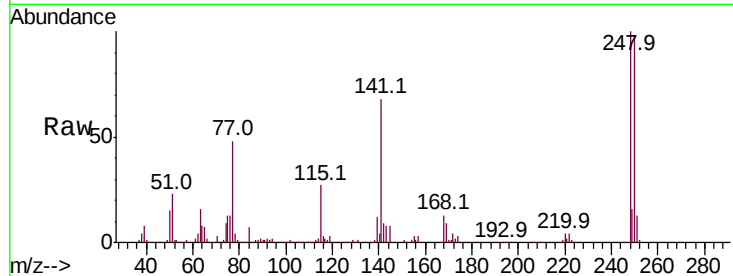




#67
4-Bromophenyl-phenylether
Concen: 47.347 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

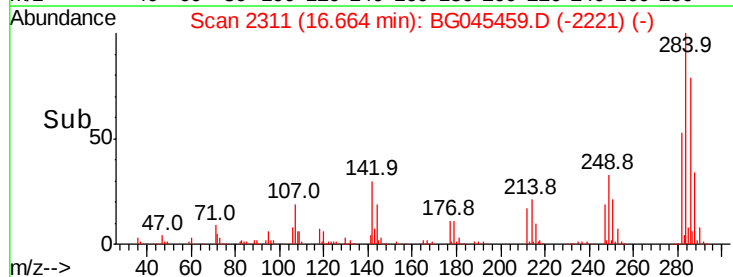
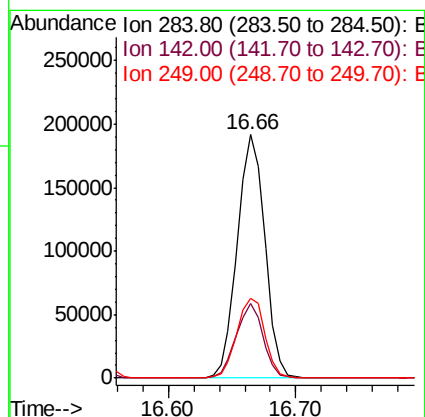
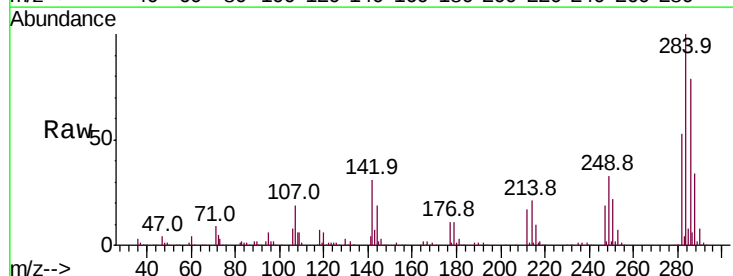
Instrument :
BNA_G
ClientSampleId :
PB129080BS

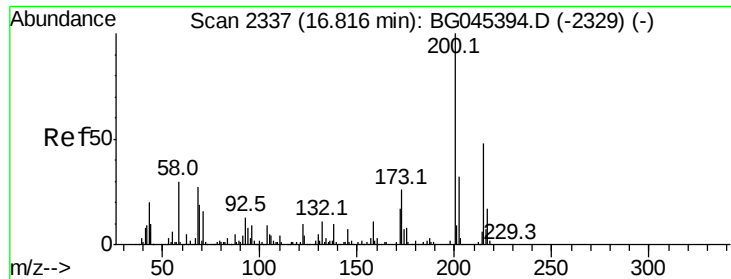
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.6	117.8
141	68.1	58.2	87.2



#68
Hexachlorobenzene
Concen: 50.194 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	23.0	34.6
249	32.6	25.8	38.6





#69

Atrazine

Concen: 47.304 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

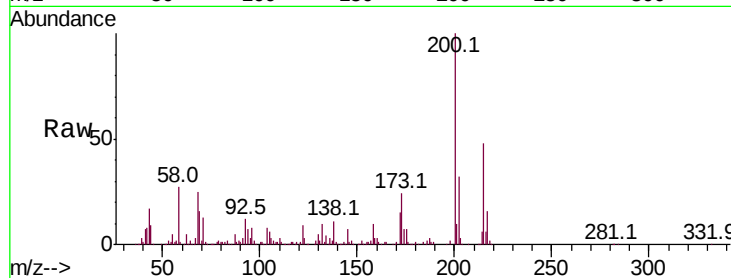
Tot Ion:200 Resp: 236818

Ion Ratio Lower Upper

200 100

173 23.8 5.5 45.5

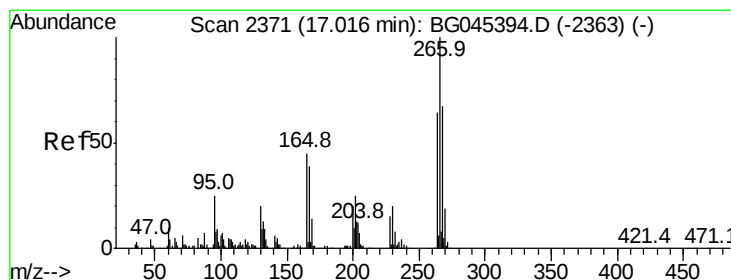
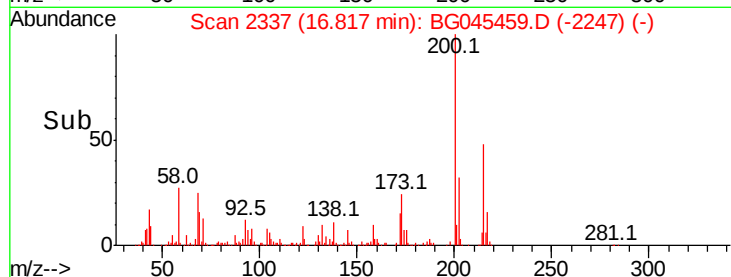
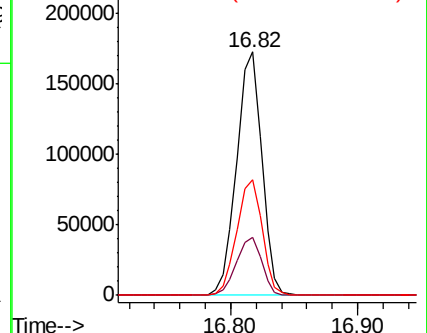
215 47.6 28.2 68.2



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: 103.225 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

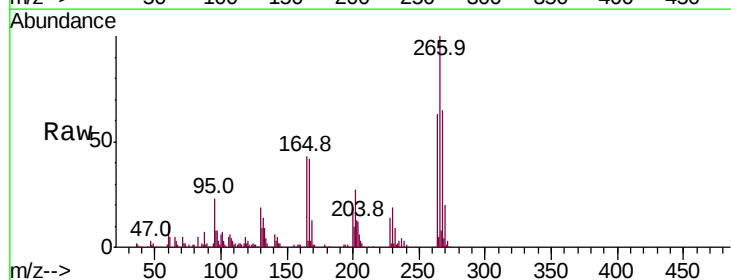
Tgt Ion:266 Resp: 307296

Ion Ratio Lower Upper

266 100

268 65.0 53.2 79.8

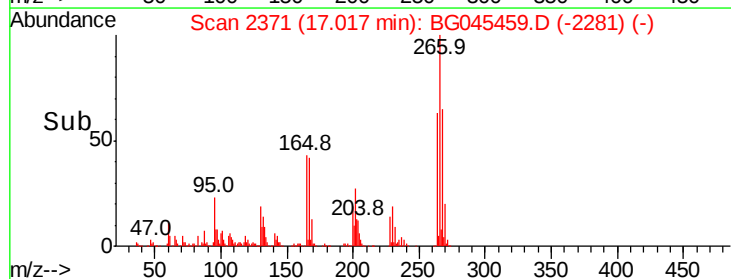
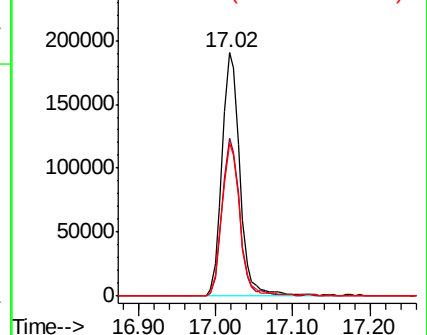
264 62.8 51.0 76.4

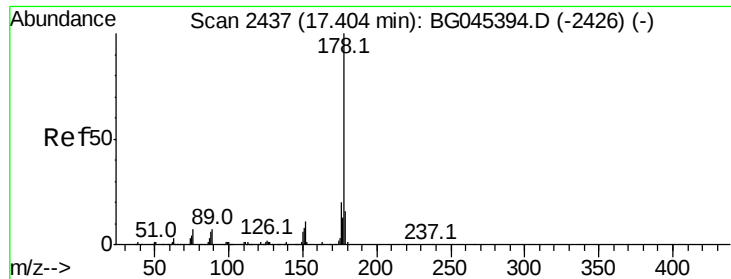


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

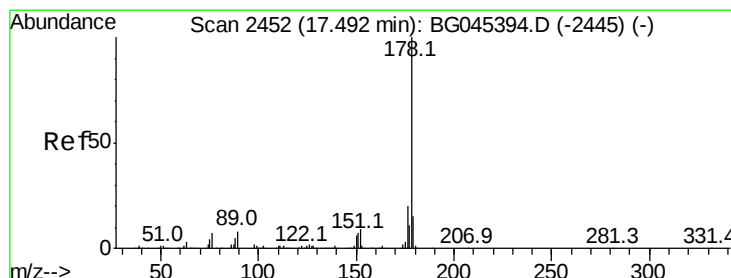
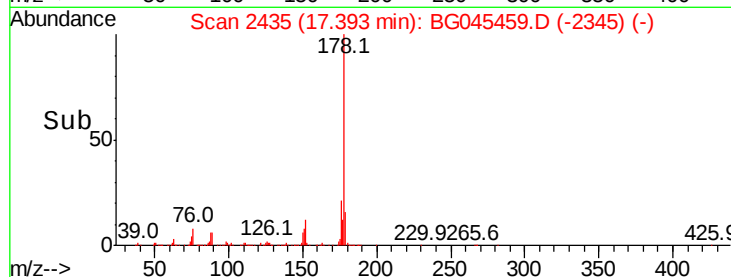
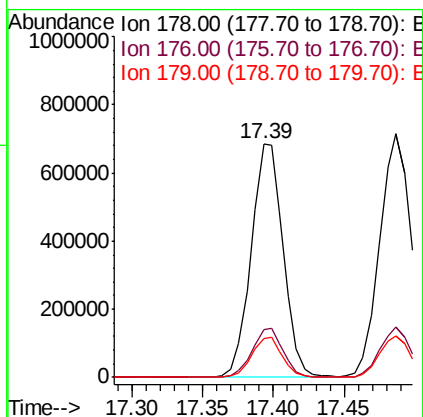
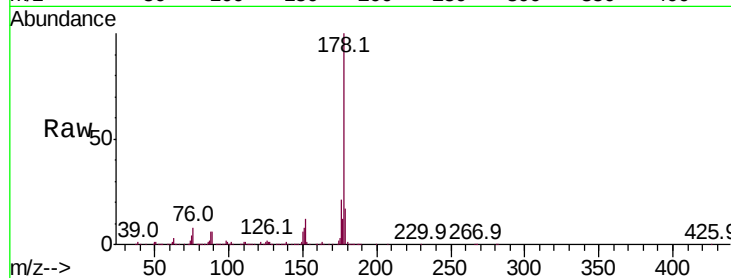




#71
Phenanthrene
Concen: 49.248 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

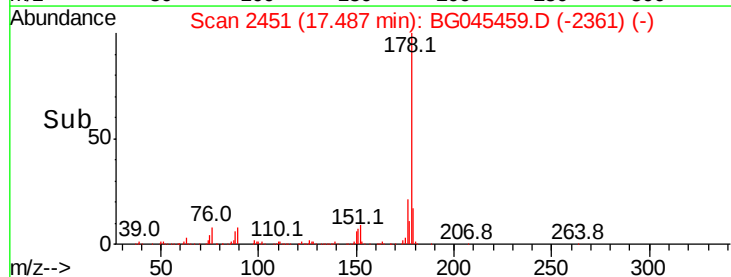
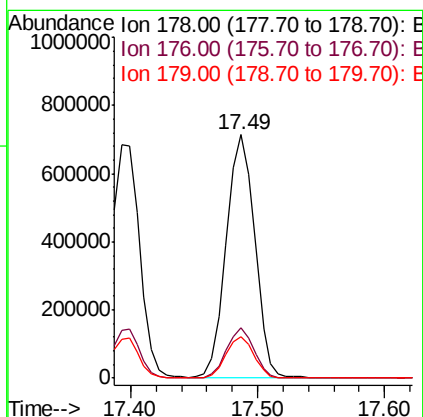
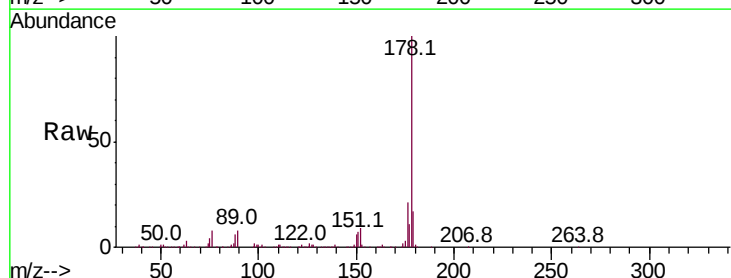
Instrument :
BNA_G
ClientSampleId :
PB129080BS

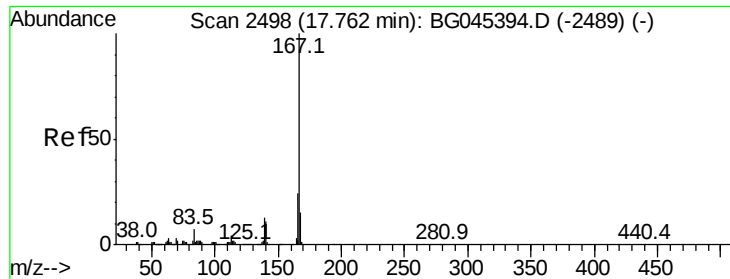
Tot Ion:178 Resp: 1088364
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.6 13.1 19.7



#72
Anthracene
Concen: 50.024 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion:178 Resp: 1110194
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.7 12.2 18.4



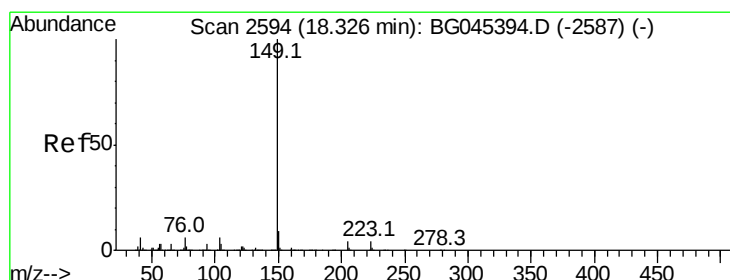
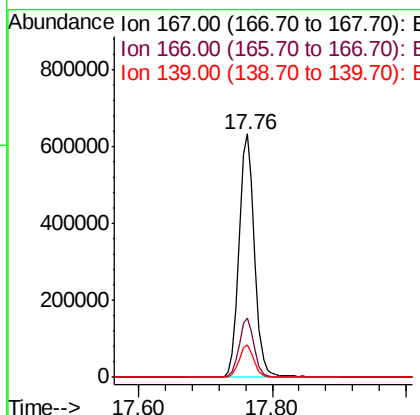
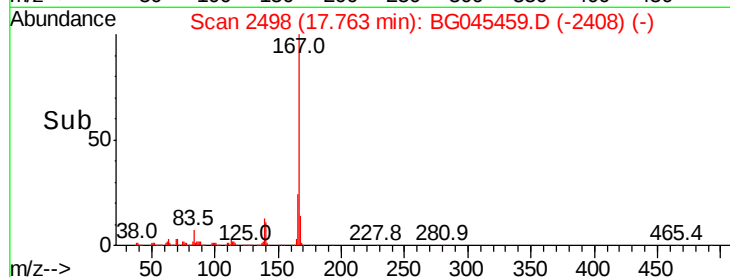
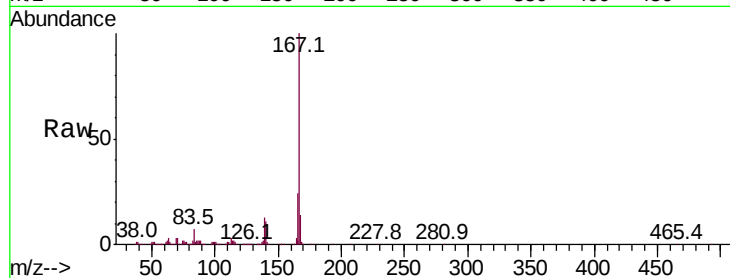


#73
 Carbazole
 Concen: 47.344 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tot Ion:167 Resp: 1024189

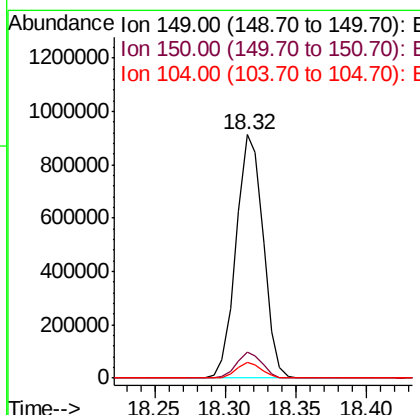
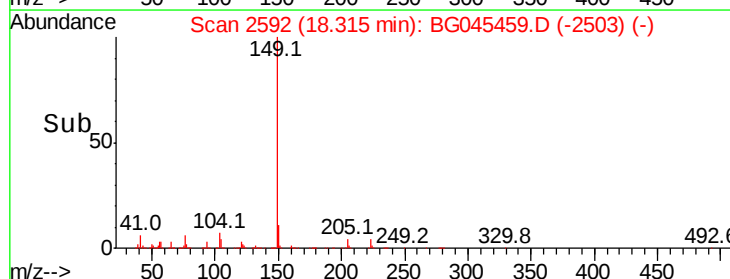
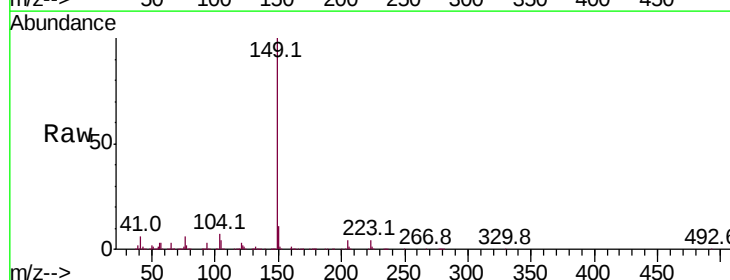
Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.2	28.8
139	13.2	10.6	16.0

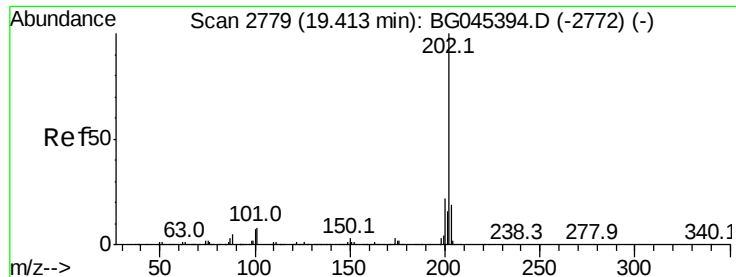


#74
 Di-n-butylphthalate
 Concen: 47.001 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion:149 Resp: 1220384

Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.6	11.4
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 48.128 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

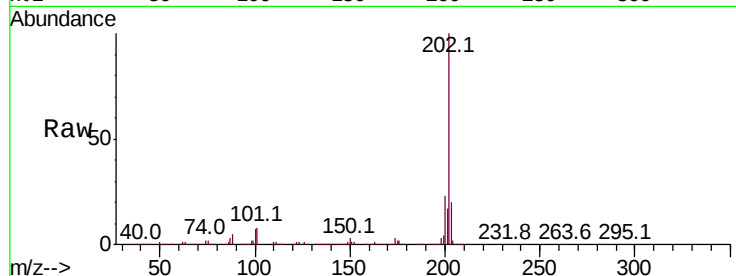
Tot Ion:202 Resp: 1352847

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

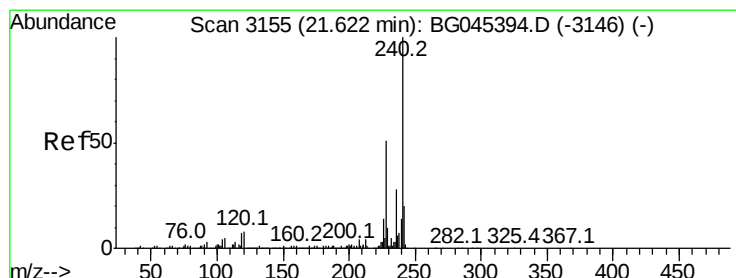
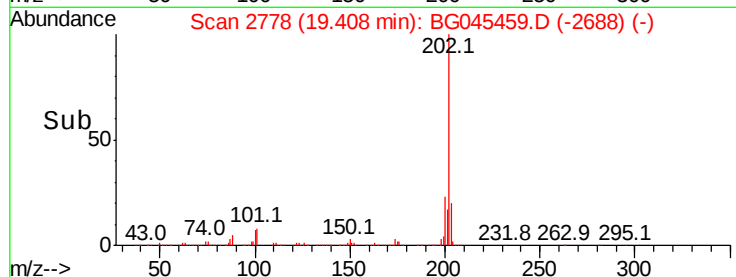
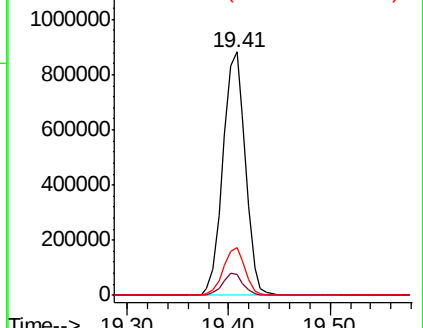
203 19.8 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

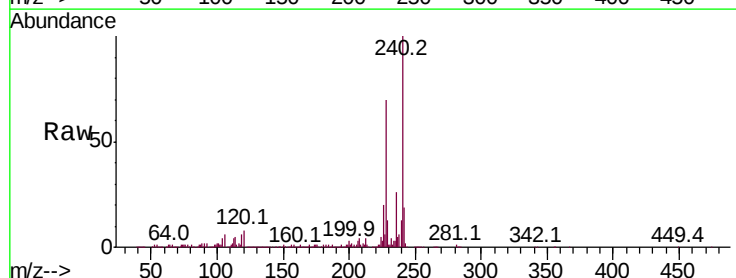
Tgt Ion:240 Resp: 480286

Ion Ratio Lower Upper

240 100

120 7.7 6.1 9.1

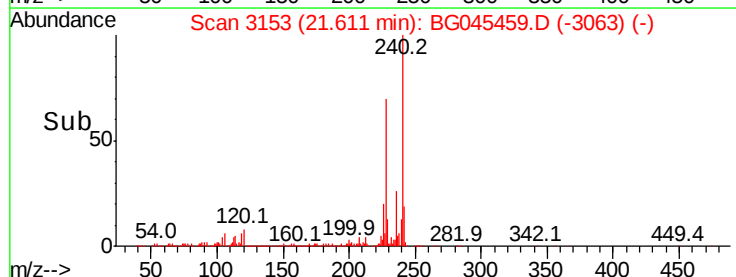
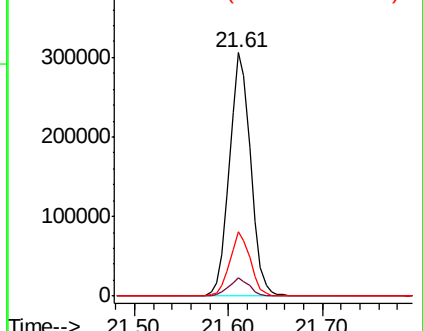
236 26.4 22.3 33.5

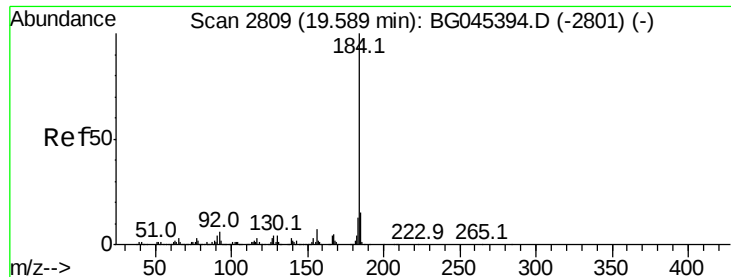


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.477 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

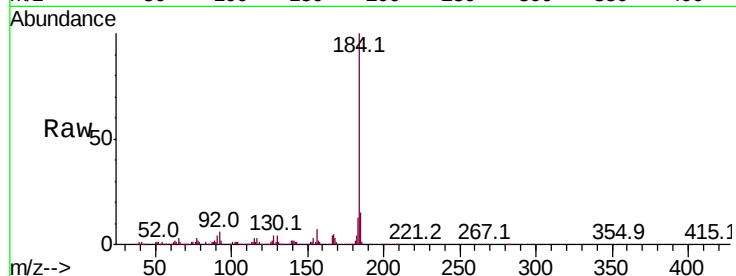
BNA_G

ClientSampleId :

PB129080BS

Tot Ion:184 Resp: 613448

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	13.3	10.2	15.4

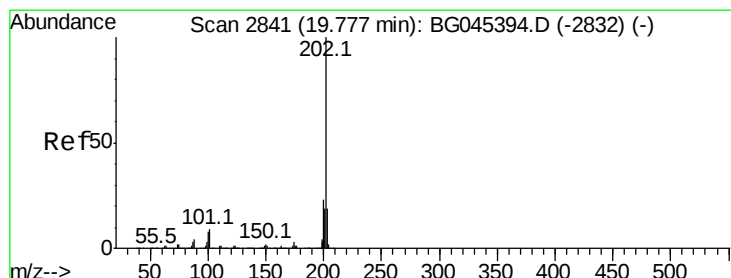
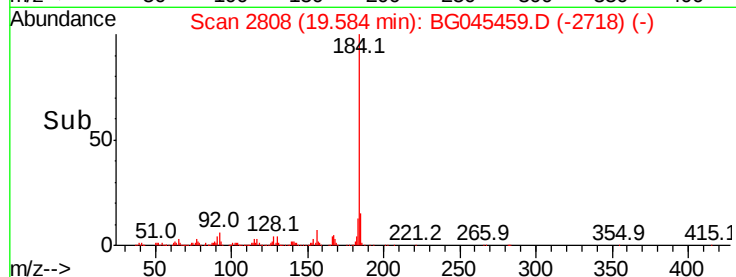
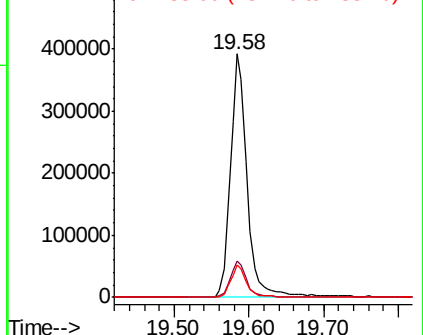


Abundance

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: 49.288 ng

RT: 19.77 min Scan# 2839

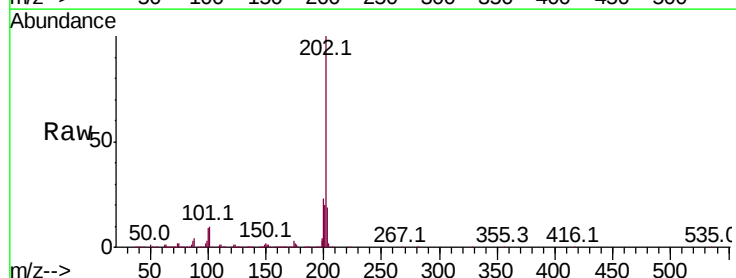
Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion:202 Resp: 1349409

Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.2	27.2
203	19.3	15.1	22.7

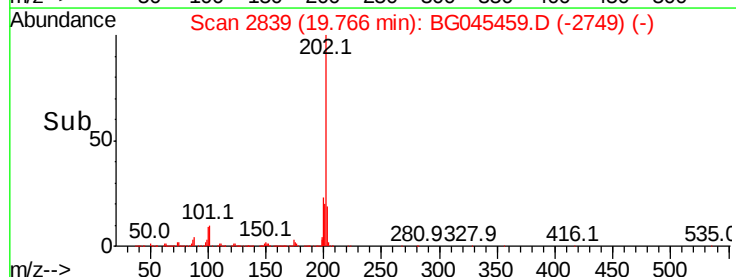
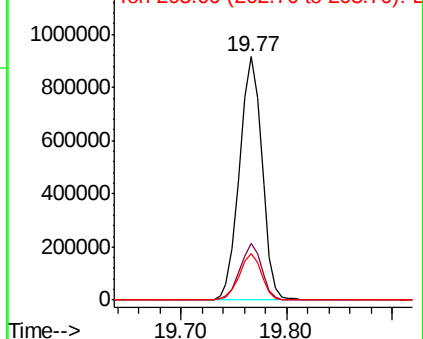


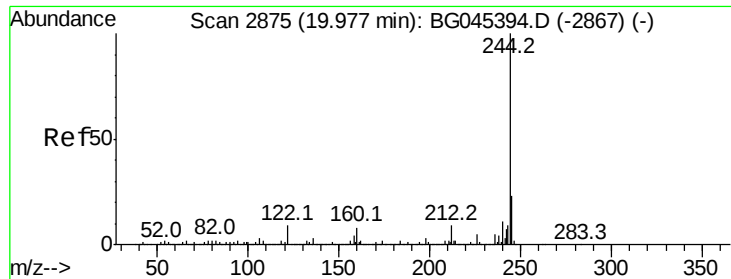
Abundance

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: 98.783 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

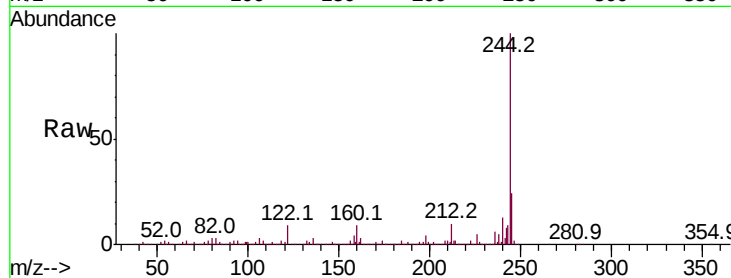
Tot Ion:244 Resp: 2034222

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

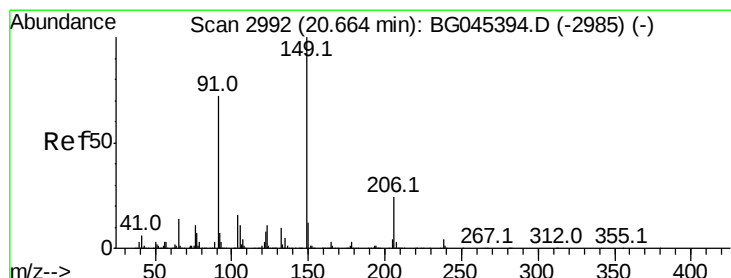
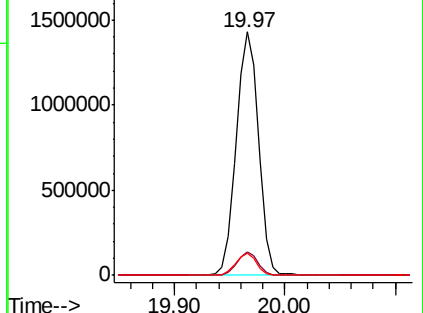
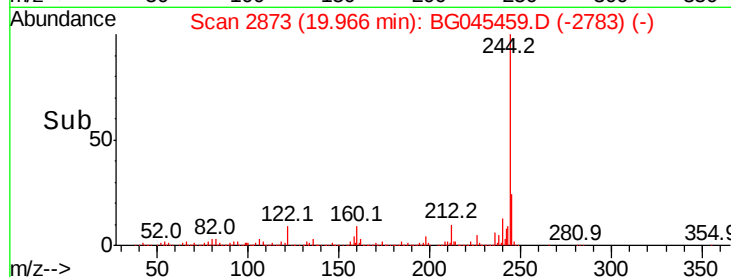
122 9.2 6.8 10.2



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: 45.770 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

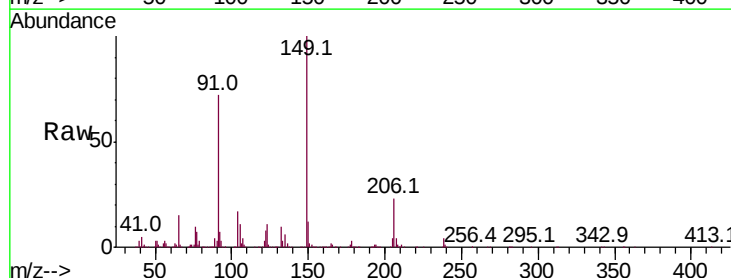
Tgt Ion:149 Resp: 540880

Ion Ratio Lower Upper

149 100

91 72.2 57.8 86.6

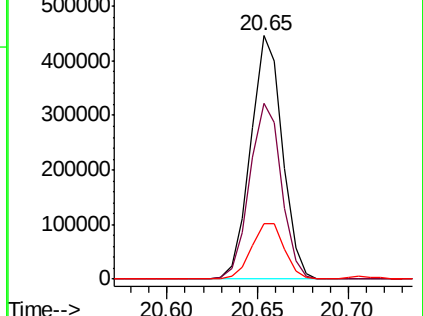
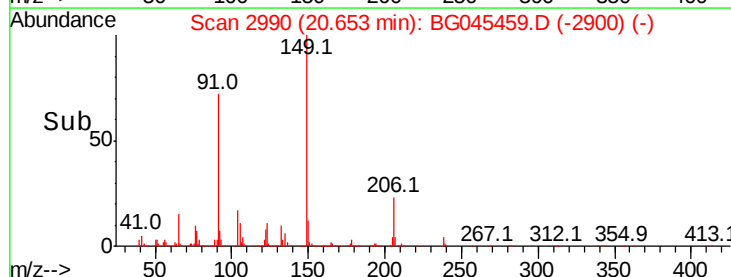
206 23.0 19.1 28.7

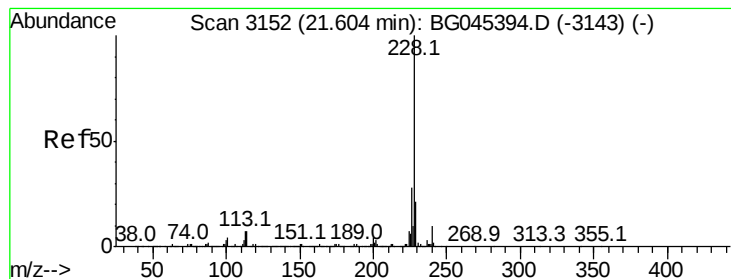


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.473 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

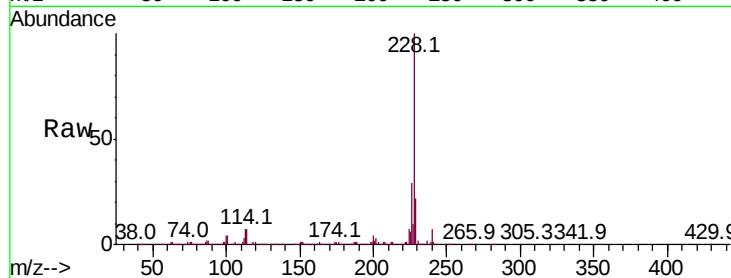
Tot Ion:228 Resp: 1296892

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.6	16.7	25.1

228 100

226 29.0 22.7 34.1

229 21.6 16.7 25.1

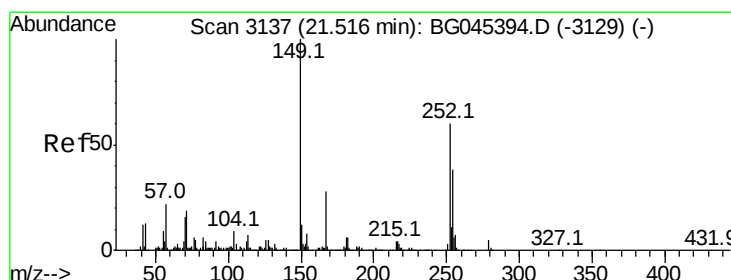
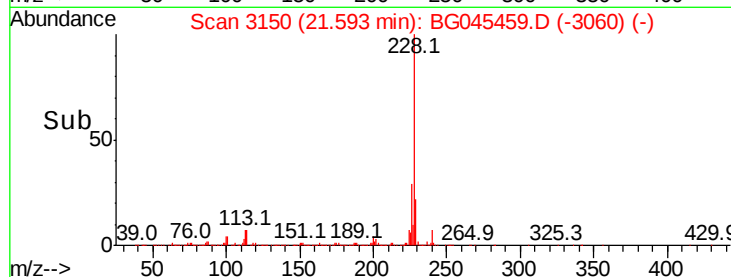
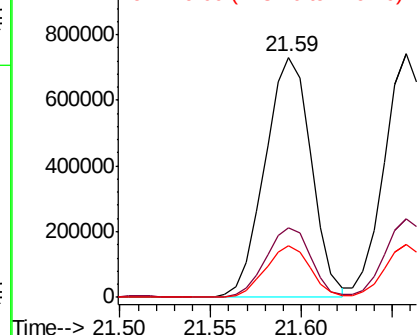


Abundance

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: 32.998 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

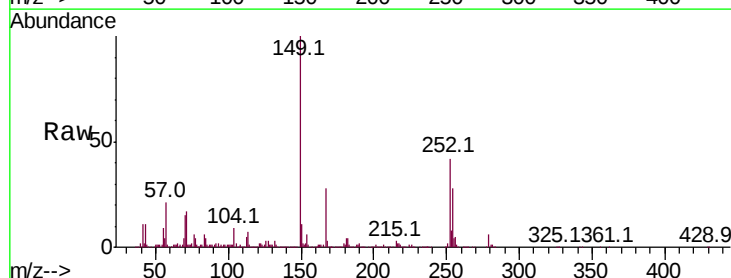
Tgt Ion:252 Resp: 346313

Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.3	76.9
126	8.1	6.6	10.0

252 100

254 66.9 51.3 76.9

126 8.1 6.6 10.0

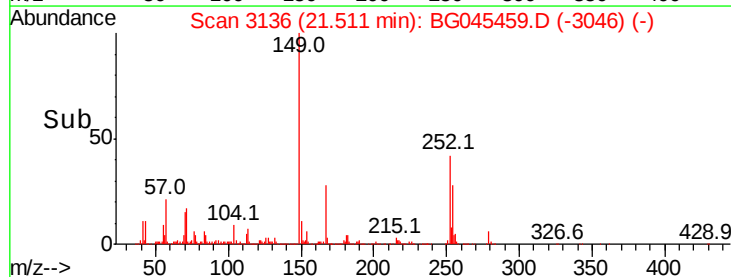
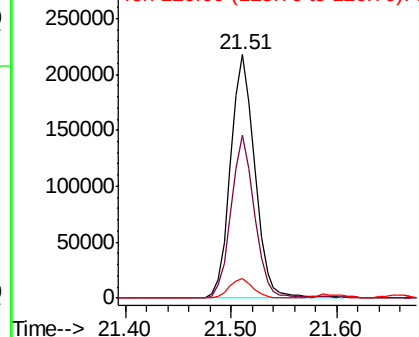


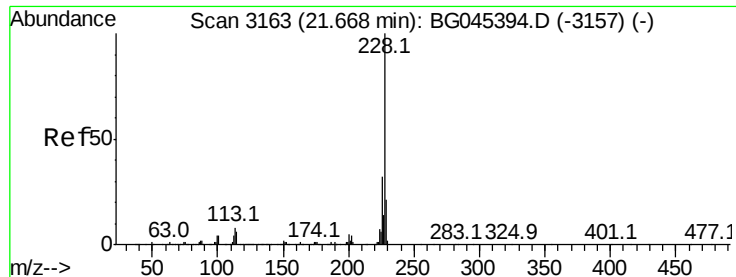
Abundance

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



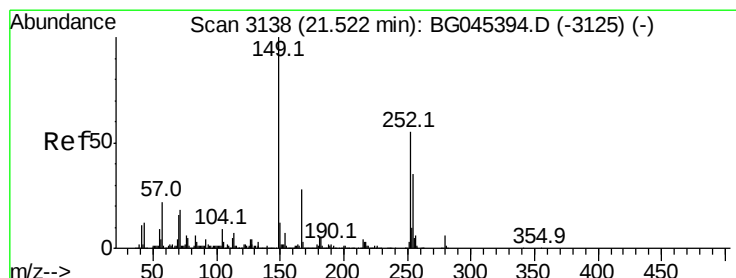
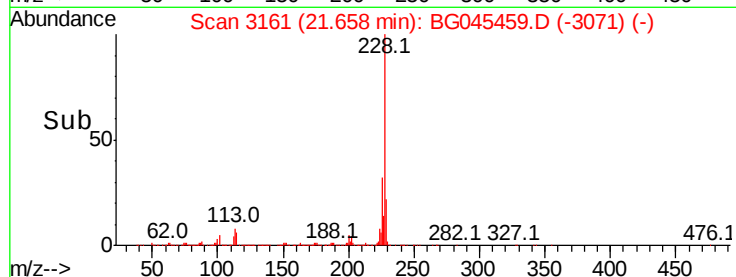
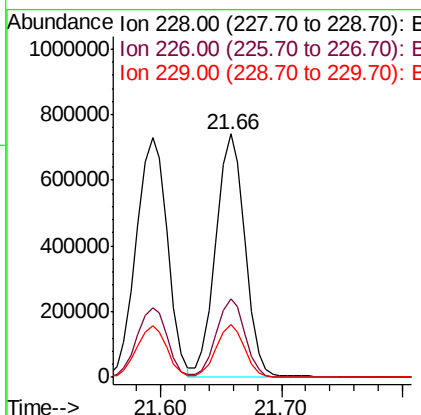
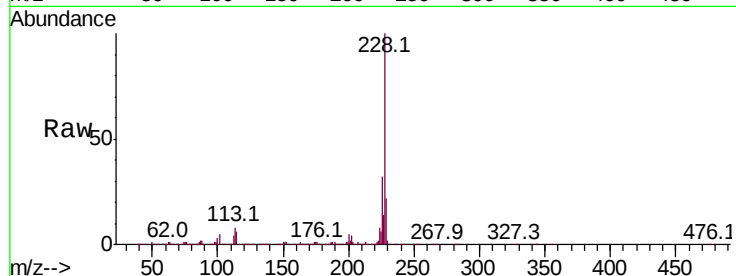


#83
 Chrysene
 Concen: 47.930 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tot Ion:228 Resp: 1233057

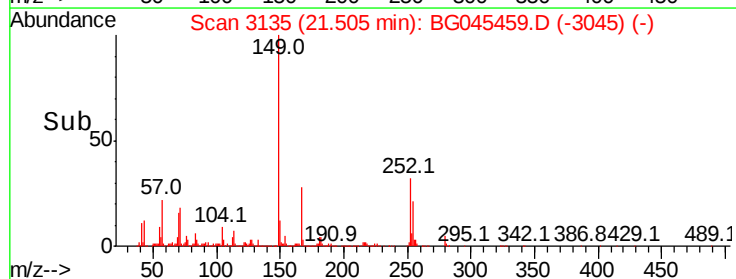
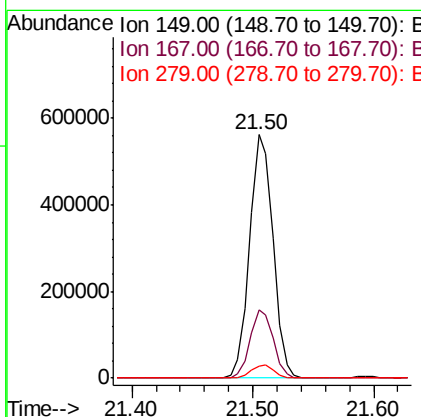
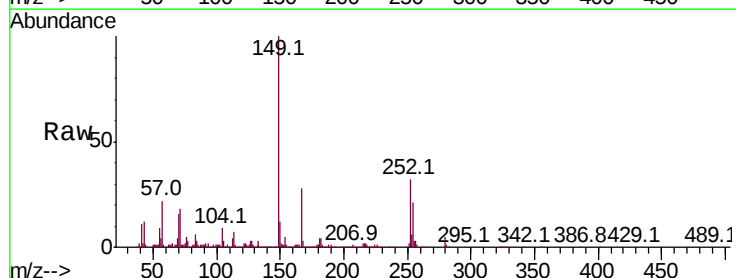
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.2	37.8
229	21.9	16.7	25.1

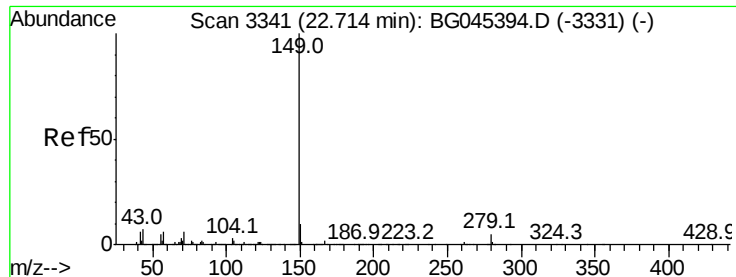


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.817 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion:149 Resp: 760510

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.2
279	5.0	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 46.290 ng

RT: 22.70 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

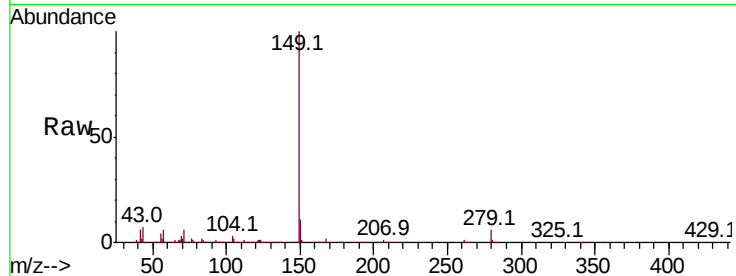
Tot Ion:149 Resp: 1291489

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

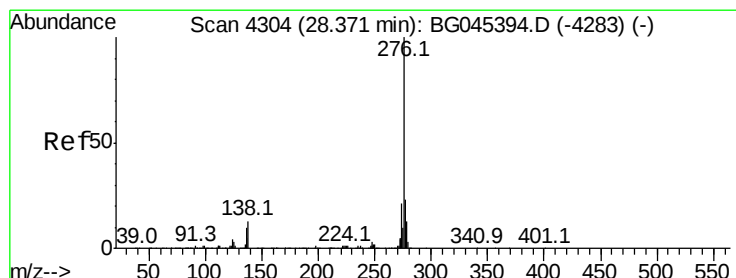
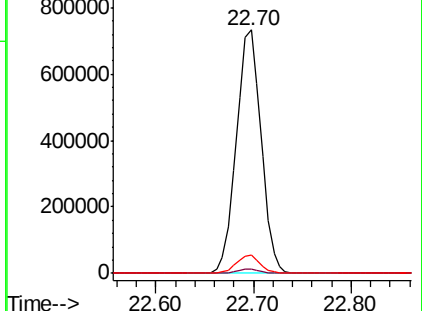
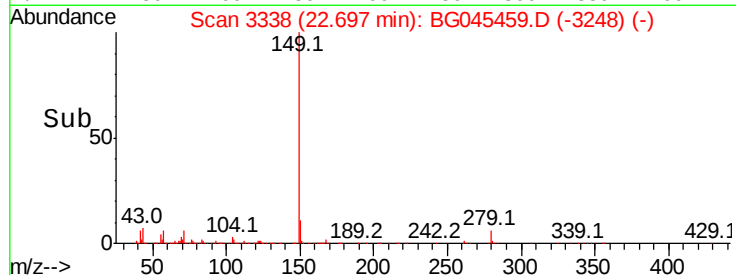
43 6.9 5.8 8.8



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.006 ng

RT: 28.34 min Scan# 4299

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

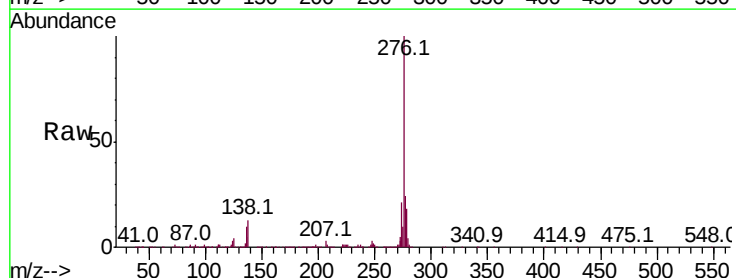
Tgt Ion:276 Resp: 1648644

Ion Ratio Lower Upper

276 100

138 15.4 8.6 12.8#

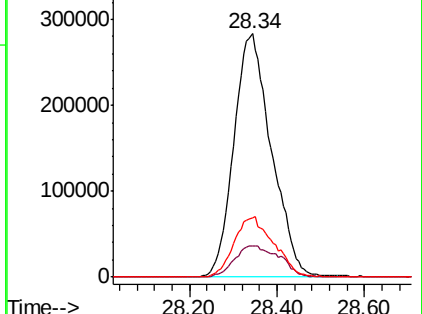
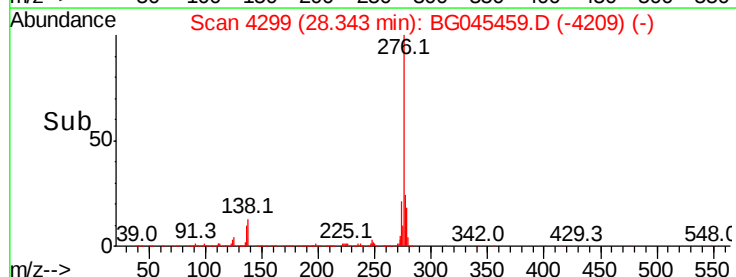
277 26.0 20.2 30.4

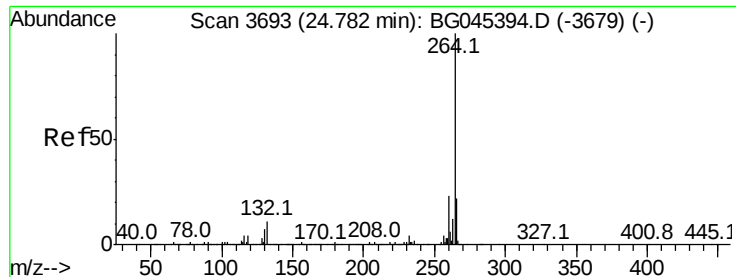


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

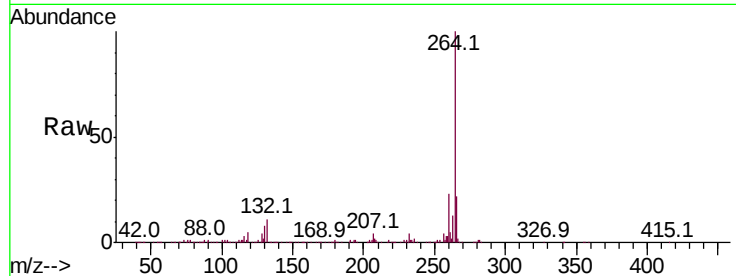




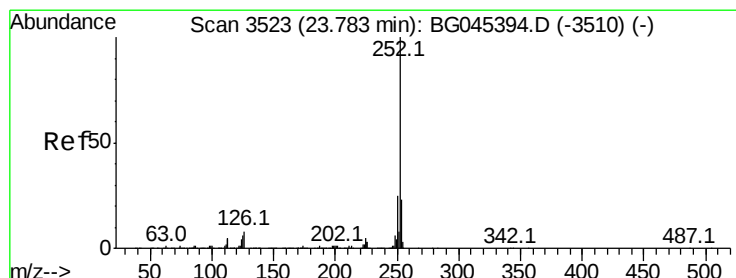
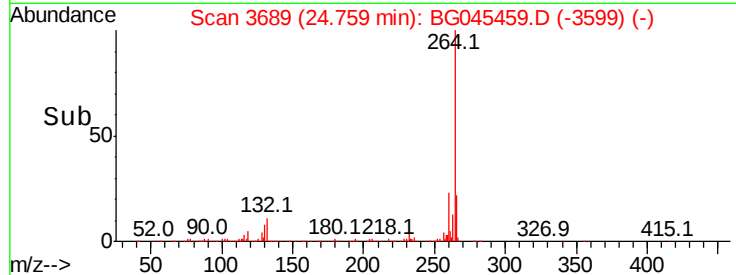
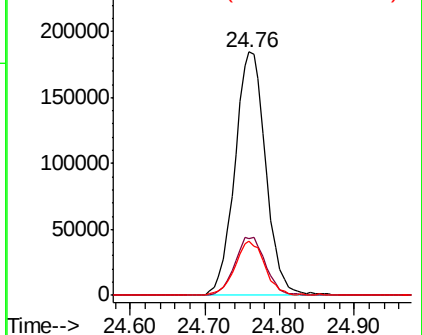
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.3	17.6	26.4

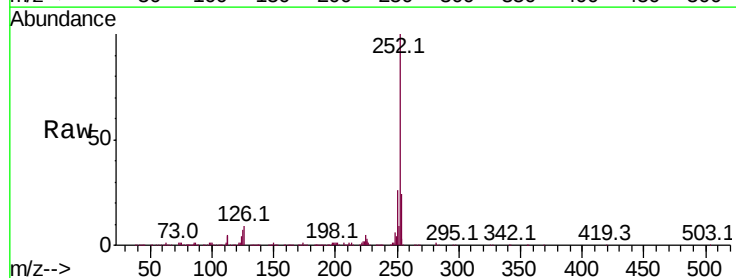


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

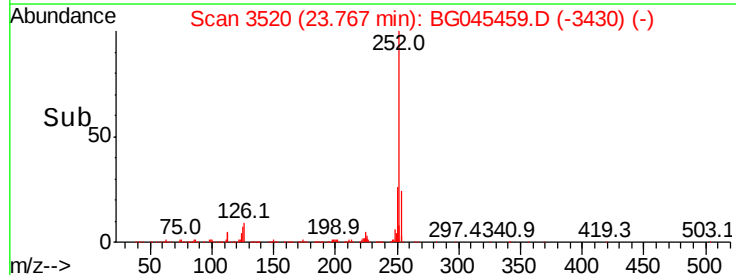
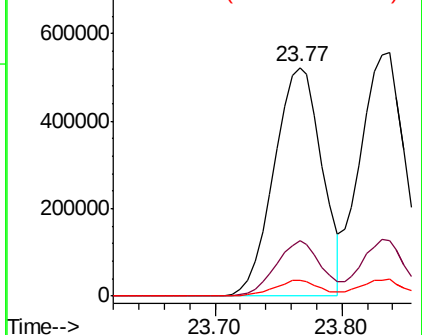


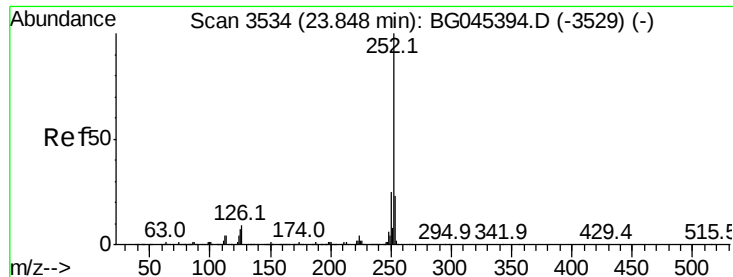
#88
Benzo(b)fluoranthene
Concen: 48.311 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	7.0	5.0	7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.552 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

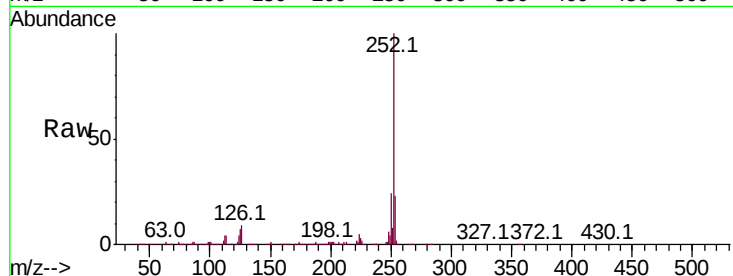
Tot Ion:252 Resp: 1373186

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

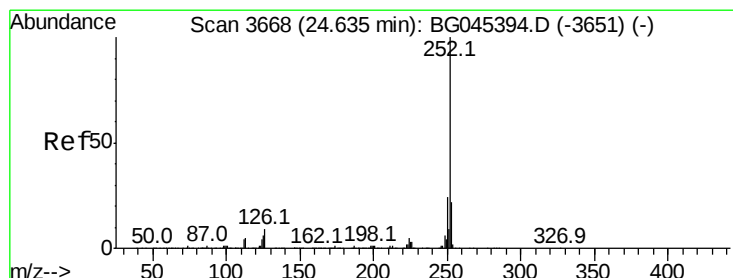
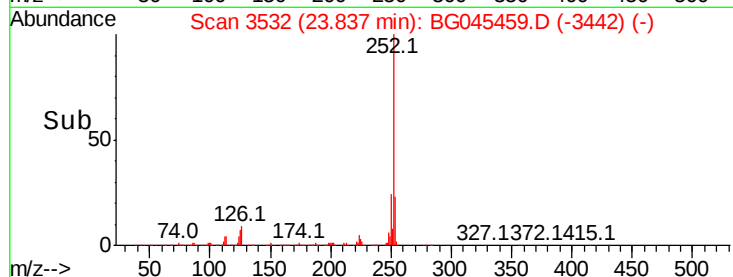
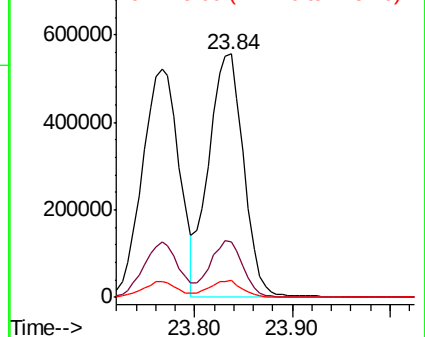
125 7.0 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.632 ng

RT: 24.61 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

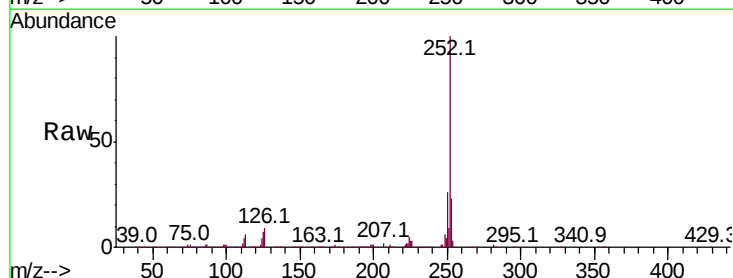
Tgt Ion:252 Resp: 1284149

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

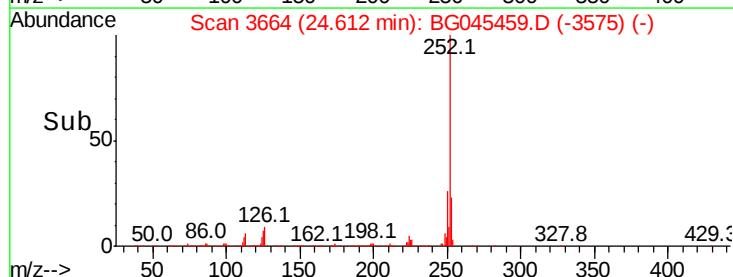
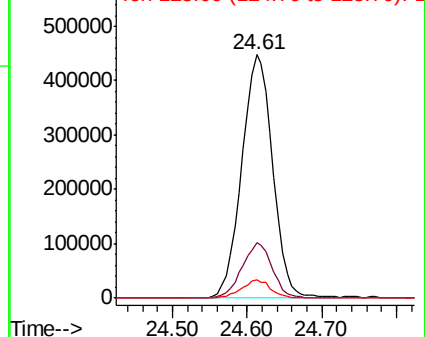
125 7.5 5.0 7.6

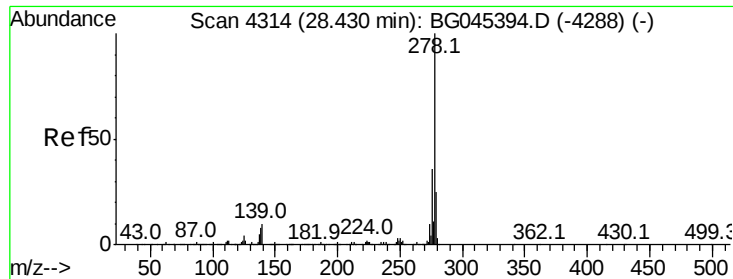


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



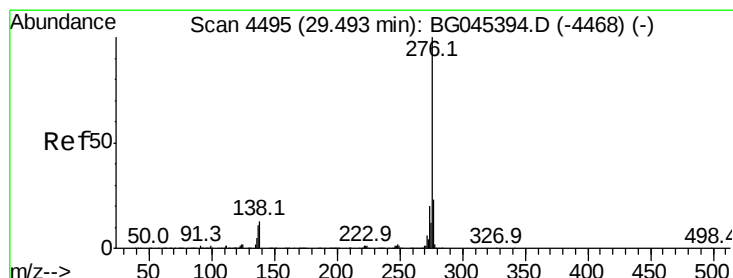
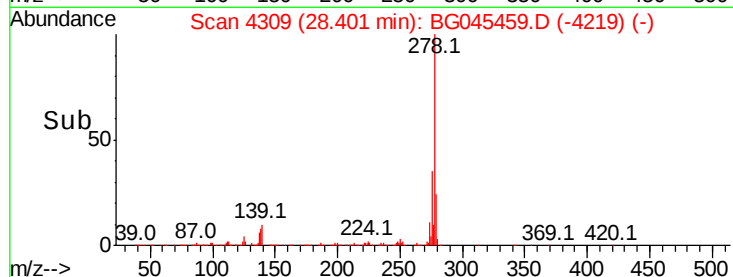
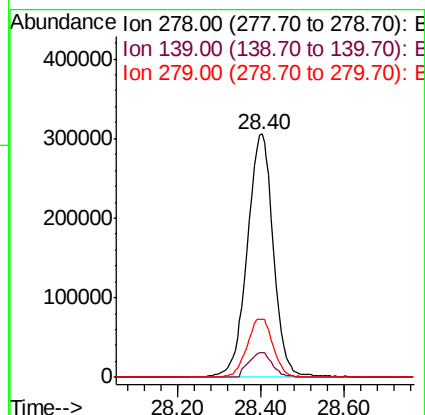
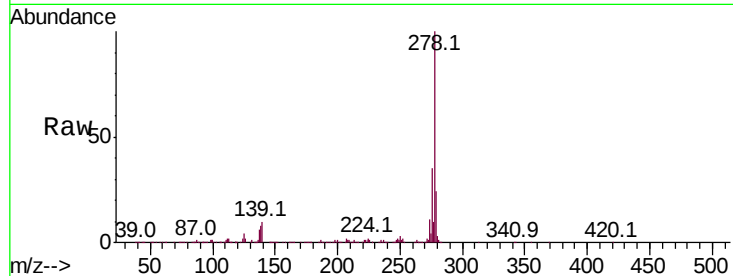


#91
Dibenzo(a,h)anthracene
Concen: 50.394 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tot Ion:278 Resp: 1337208

Ion	Ratio	Lower	Upper
278	100		
139	10.4	7.8	11.8
279	24.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 51.675 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion:276 Resp: 1371376

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.1	27.1
138	13.1	10.2	15.4

