

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045810.D
 Acq On : 19 Jun 2020 11:26
 Operator : CG/JU
 Sample : PB129631BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Quant Time: Jun 19 12:40:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	52948	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	198435	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	138534	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	328141	20.00	ng	0.00
76) Chrysene-d12	21.58	240	302253	20.00	ng	0.00
86) Perylene-d12	24.70	264	327560	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	432291	137.92	ng	0.00
7) Phenol-d6	7.15	99	603940	126.67	ng	-0.01
23) Nitrobenzene-d5	9.08	82	384152	88.44	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	272322	130.20	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	853372	90.53	ng	0.00
79) Terphenyl-d14	19.93	244	1425778	95.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	53487	37.258	ng	94
3) Pyridine	3.77	79	152090	35.751	ng	96
4) n-Nitrosodimethylamine	3.68	42	62454	43.737	ng	88
6) Aniline	7.25	93	226699	40.382	ng	99
8) 2-Chlorophenol	7.50	128	154123	45.937	ng	96
9) Benzaldehyde	7.05	77	89179	31.142	ng	98
10) Phenol	7.18	94	205223	44.424	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	144530	41.190	ng	98
12) 1,3-Dichlorobenzene	7.81	146	171426	42.875	ng	97
13) 1,4-Dichlorobenzene	7.95	146	170790	42.765	ng	98
14) 1,2-Dichlorobenzene	8.27	146	163537	42.774	ng	96
15) Benzyl Alcohol	8.17	79	156266	42.354	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	134596	40.700	ng	82
17) 2-Methylphenol	8.41	107	139048	40.445	ng	98
18) Hexachloroethane	9.00	117	65153	42.955	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	132200	42.176	ng	98
20) 3+4-Methylphenols	8.74	107	182526	40.369	ng	# 67
22) Acetophenone	8.74	105	236595	43.440	ng	95
24) Nitrobenzene	9.12	77	199130	42.995	ng	98
25) Isophorone	9.65	82	351169	41.761	ng	98
26) 2-Nitrophenol	9.83	139	86285	44.718	ng	94
27) 2,4-Dimethylphenol	9.93	122	138179	46.906	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	192495	43.824	ng	99
29) 2,4-Dichlorophenol	10.40	162	153843	44.761	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	174754	42.949	ng	98
31) Naphthalene	10.77	128	466959	43.043	ng	98
32) Benzoic acid	10.13	122	82738	44.184	ng	89
33) 4-Chloroaniline	10.89	127	161222	35.487	ng	97
34) Hexachlorobutadiene	11.06	225	121326	41.927	ng	98
35) Caprolactam	11.66	113	24184	21.744	ng	93
36) 4-Chloro-3-methylphenol	12.07	107	177441	44.714	ng	96
37) 2-Methylnaphthalene	12.38	142	347095	42.966	ng	97
38) 1-Methylnaphthalene	12.60	142	333441	43.617	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	196571	43.093	ng	98

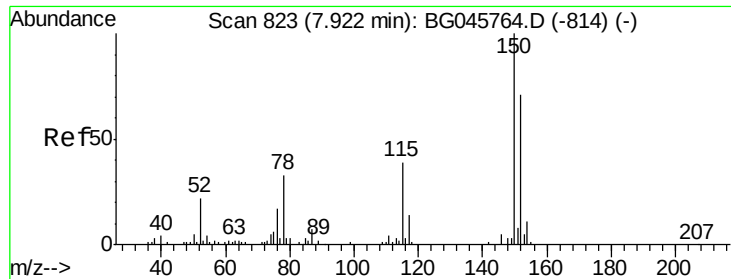
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045810.D
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 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	239125	93.334	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	133592	43.195	ng	97
44) 2,4,5-Trichlorophenol	13.11	196	140290	39.800	ng	99
46) 1,1'-Biphenyl	13.39	154	443445	44.710	ng	99
47) 2-Chloronaphthalene	13.44	162	341118	42.577	ng	99
48) 2-Nitroaniline	13.65	65	112179	42.093	ng	98
49) Acenaphthylene	14.29	152	555012	43.249	ng	100
50) Dimethylphthalate	14.02	163	468094	43.132	ng	99
51) 2,6-Dinitrotoluene	14.15	165	106672	43.762	ng	97
52) Acenaphthene	14.63	154	333381	42.858	ng	95
53) 3-Nitroaniline	14.49	138	84475	34.696	ng	# 93
54) 2,4-Dinitrophenol	14.69	184	125946	91.313	ng	93
55) Dibenzofuran	14.97	168	546421	43.242	ng	99
56) 4-Nitrophenol	14.86	139	140303	80.410	ng	99
57) 2,4-Dinitrotoluene	14.94	165	150978	43.230	ng	98
58) Fluorene	15.62	166	463774	44.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	137404	44.913	ng	98
60) Diethylphthalate	15.39	149	482078	43.452	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	255757	42.231	ng	98
62) 4-Nitroaniline	15.66	138	104826	41.951	ng	93
63) Azobenzene	15.90	77	463476	43.508	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	97067	47.866	ng	96
66) n-Nitrosodiphenylamine	15.83	169	401070	43.152	ng	96
67) 4-Bromophenyl-phenylether	16.50	248	175712	41.211	ng	99
68) Hexachlorobenzene	16.63	284	193578	43.783	ng	93
69) Atrazine	16.78	200	156030	43.263	ng	98
70) Pentachlorophenol	16.99	266	181908	83.099	ng	96
71) Phenanthrene	17.36	178	726238	42.913	ng	98
72) Anthracene	17.45	178	744368	44.170	ng	98
73) Carbazole	17.73	167	684967	42.687	ng	99
74) Di-n-butylphthalate	18.28	149	820636	43.192	ng	99
75) Fluoranthene	19.37	202	924655	44.433	ng	99
77) Benzidine	19.56	184	549799	69.970	ng	99
78) Pyrene	19.73	202	908294	44.876	ng	99
80) Butylbenzylphthalate	20.62	149	364933	43.076	ng	95
81) Benzo(a)anthracene	21.56	228	845517	43.147	ng	100
82) 3,3'-Dichlorobenzidine	21.48	252	281362	37.958	ng	97
83) Chrysene	21.62	228	816410	43.074	ng	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	508936	43.188	ng	# 97
85) Di-n-octyl phthalate	22.65	149	878296	43.209	ng	99
87) Indeno(1,2,3-cd)pyrene	28.26	276	1064346	44.821	ng	# 98
88) Benzo(b)fluoranthene	23.72	252	916307	44.616	ng	98
89) Benzo(k)fluoranthene	23.78	252	905033	46.043	ng	97
90) Benzo(a)pyrene	24.56	252	840297	43.800	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	862273	45.281	ng	100
92) Benzo(g,h,i)perylene	29.36	276	858298	45.031	ng	98

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

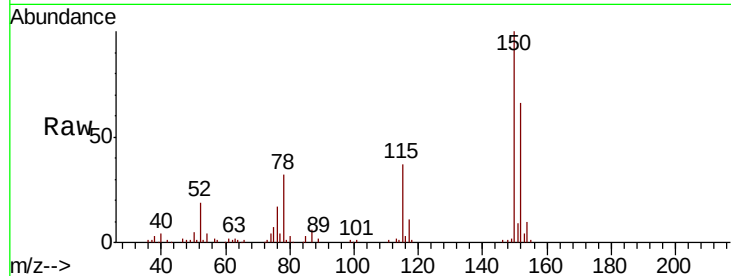


#1

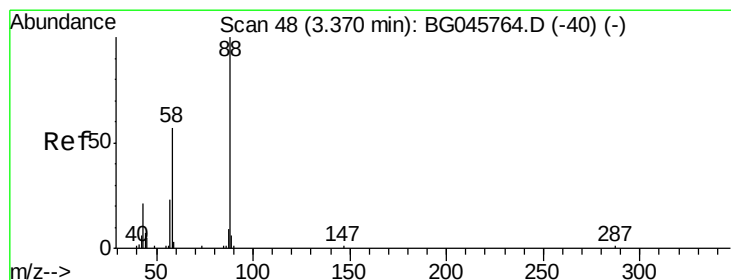
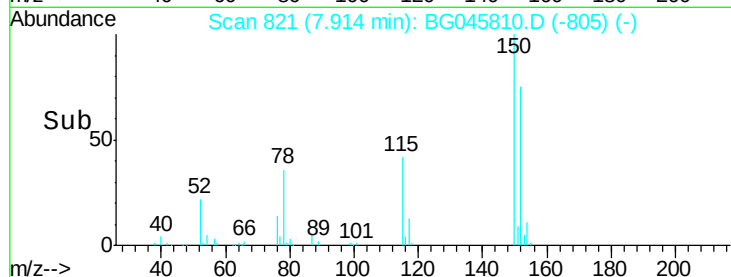
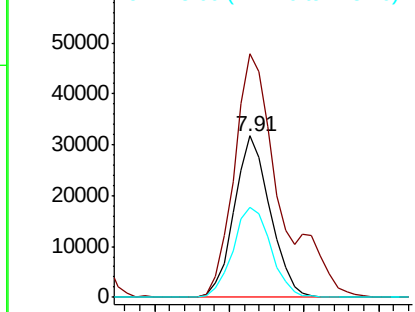
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion:152 Resp: 52948
Ion Ratio Lower Upper
152 100
150 150.9 113.1 169.7
115 55.8 43.8 65.6



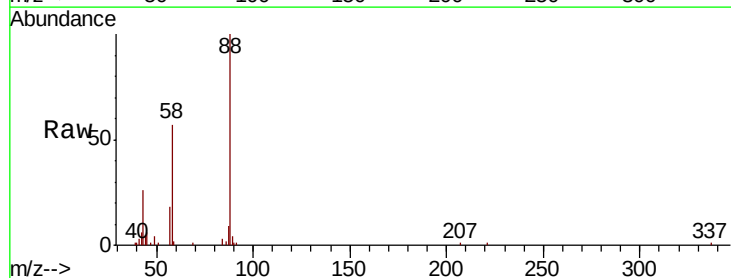
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



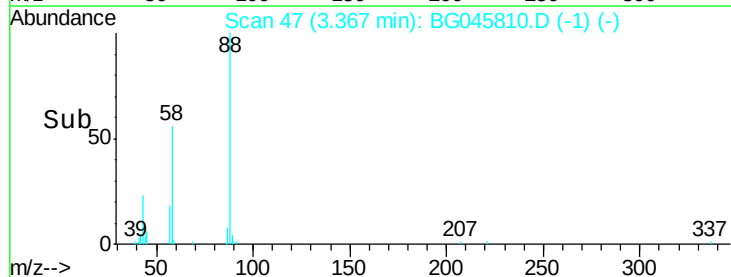
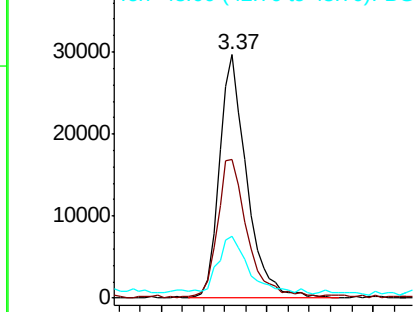
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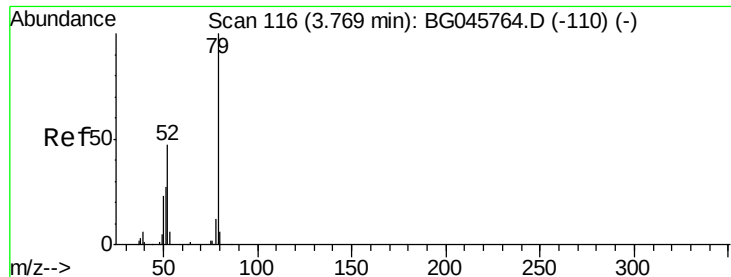
1,4-Dioxane
Concen: 37.258 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion: 88 Resp: 53487
Ion Ratio Lower Upper
88 100
58 63.1 46.1 69.1
43 24.8 19.2 28.8



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: 35.751 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

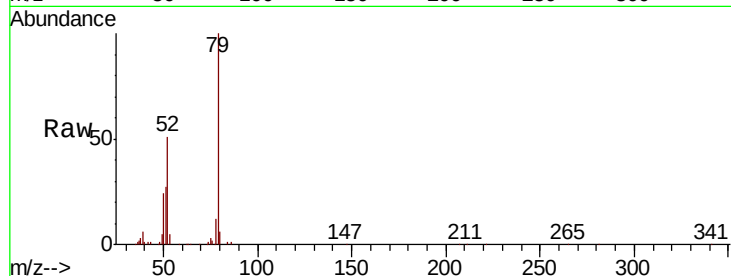
Tot Ion: 79 Resp: 152090

Ion Ratio Lower Upper

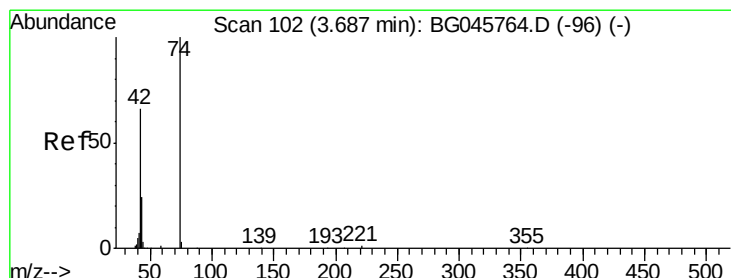
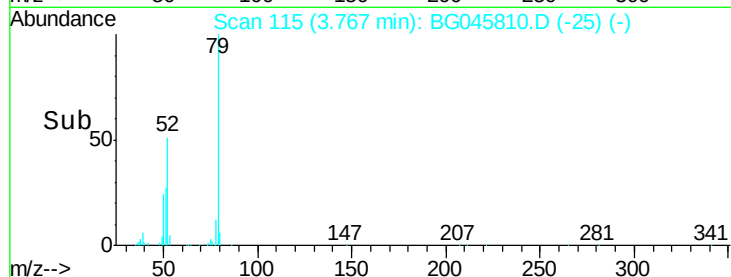
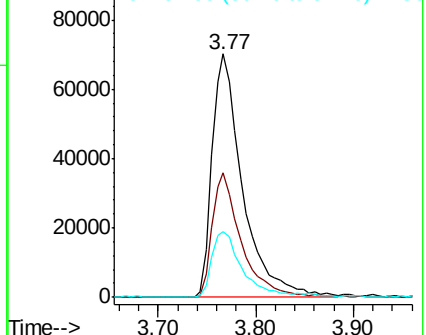
79 100

52 51.1 37.9 56.9

51 27.0 22.0 33.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.737 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

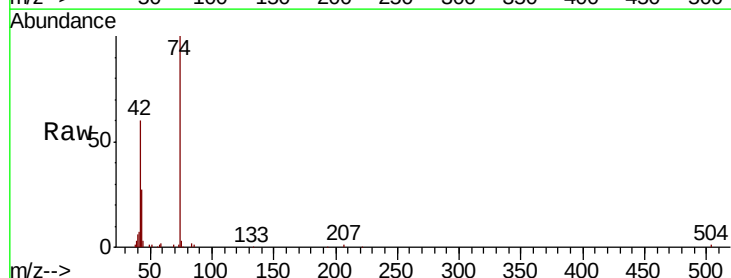
Tgt Ion: 42 Resp: 62454

Ion Ratio Lower Upper

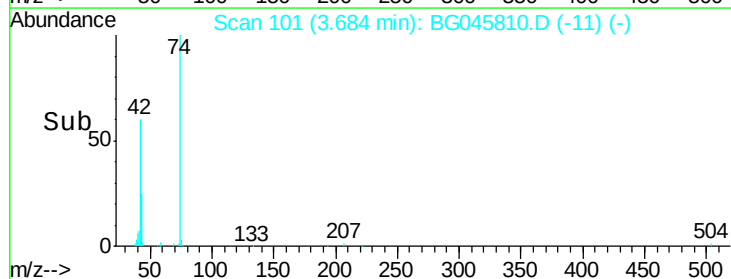
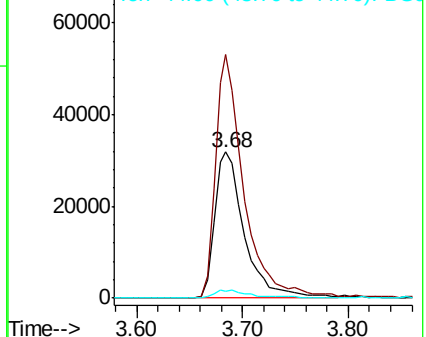
42 100

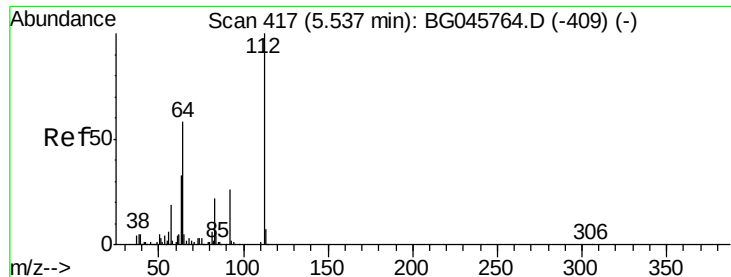
74 166.8 121.0 181.4

44 4.5 3.5 5.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 137.917 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

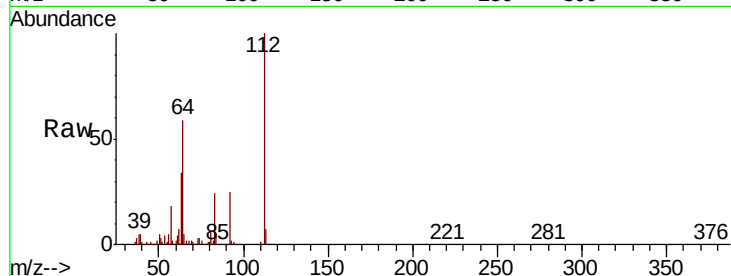
Tot Ion:112 Resp: 432291

Ion Ratio Lower Upper

112 100

64 58.9 46.6 69.8

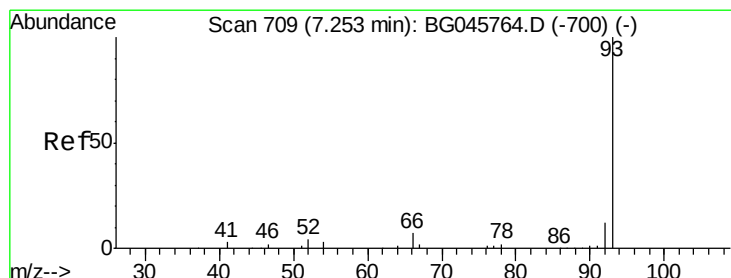
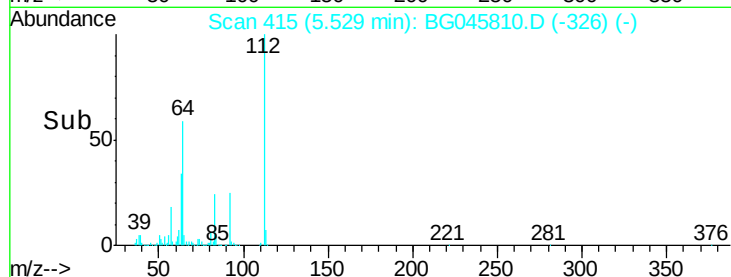
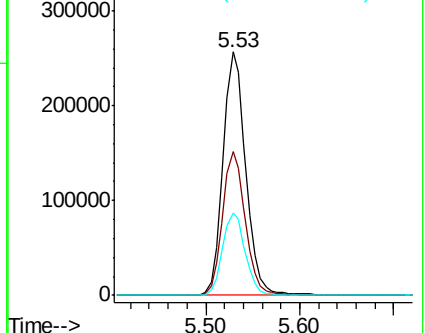
63 34.0 26.3 39.5



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: 40.382 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

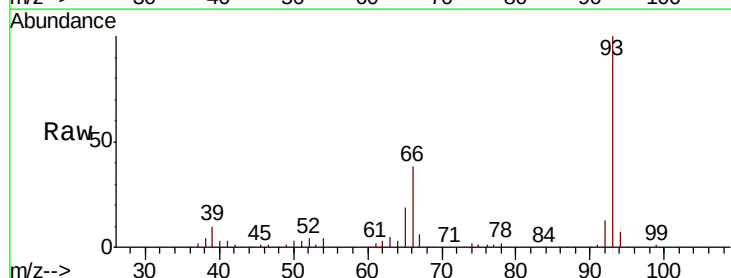
Tgt Ion: 93 Resp: 226699

Ion Ratio Lower Upper

93 100

66 37.9 30.0 45.0

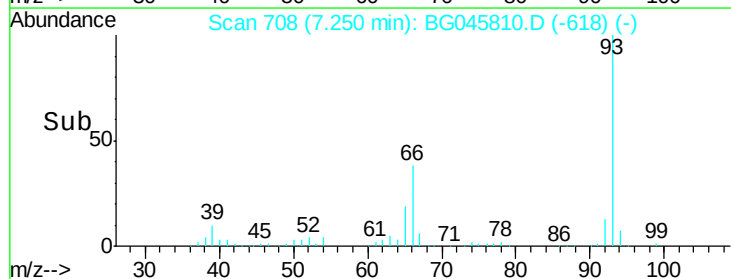
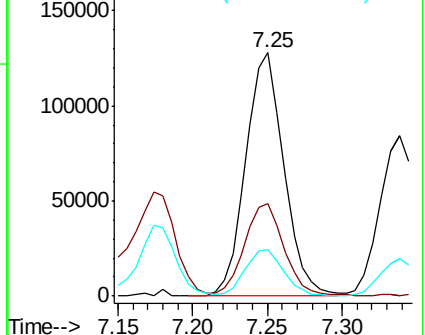
65 19.0 14.7 22.1

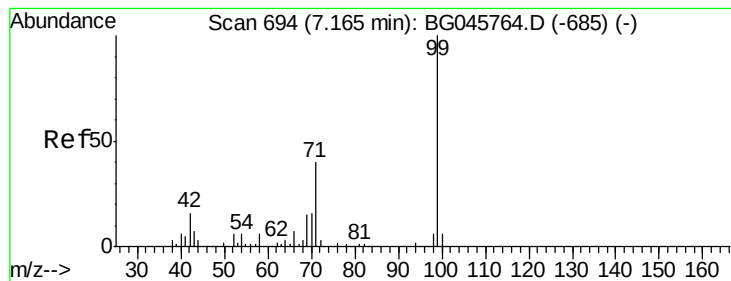


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.672 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

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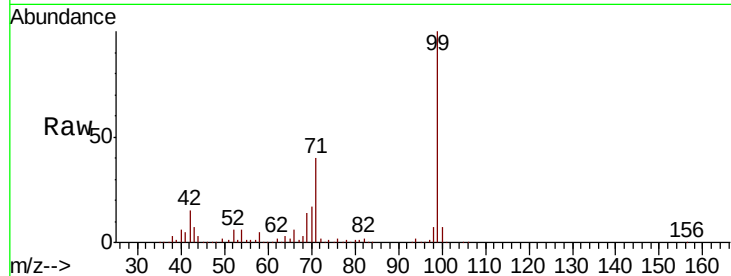
Tot Ion: 99 Resp: 603940

Ion Ratio Lower Upper

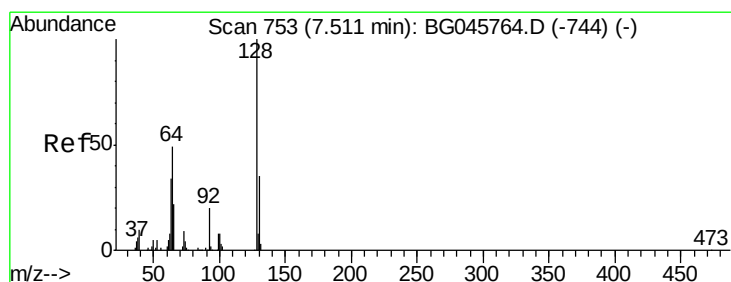
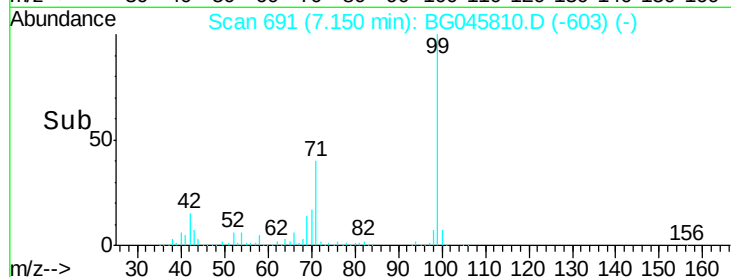
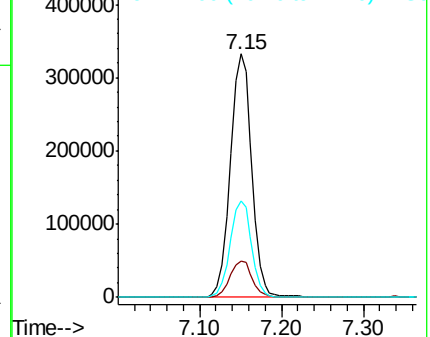
99 100

42 15.1 12.4 18.6

71 39.8 32.1 48.1



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: 45.937 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

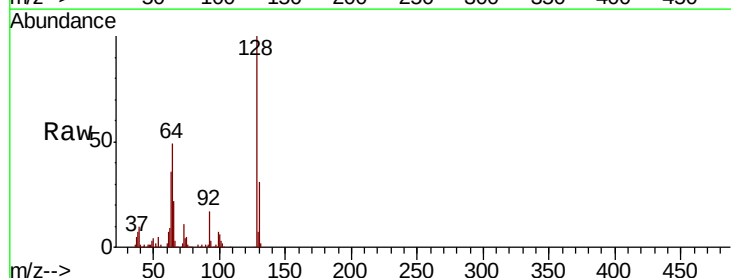
Tgt Ion:128 Resp: 154123

Ion Ratio Lower Upper

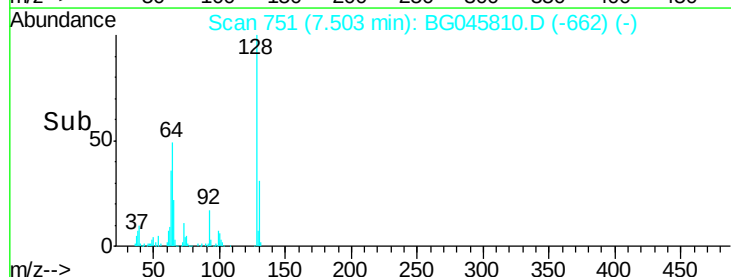
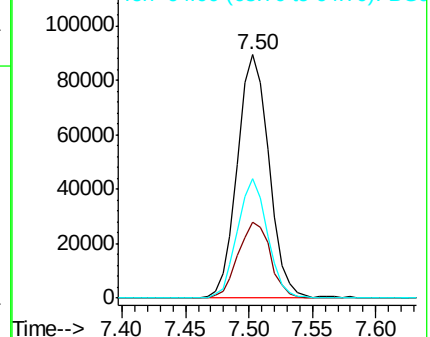
128 100

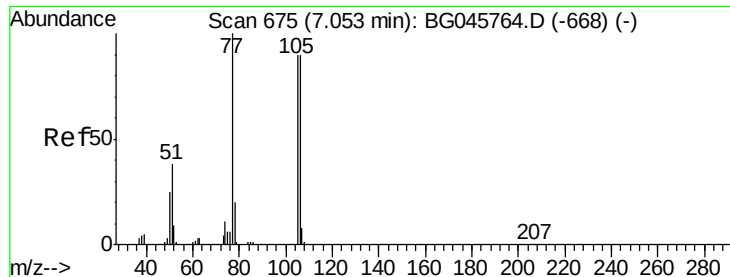
130 31.4 14.5 54.5

64 49.3 31.6 71.6



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: 31.142 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

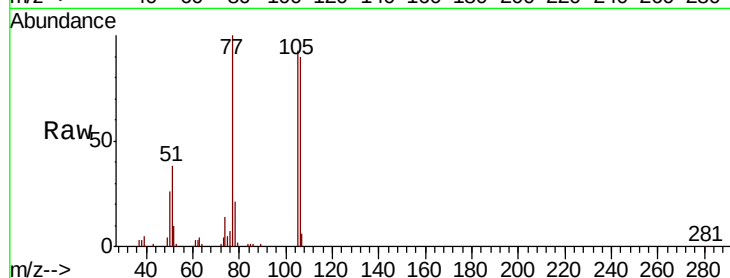
Tot Ion: 77 Resp: 89179

Ion Ratio Lower Upper

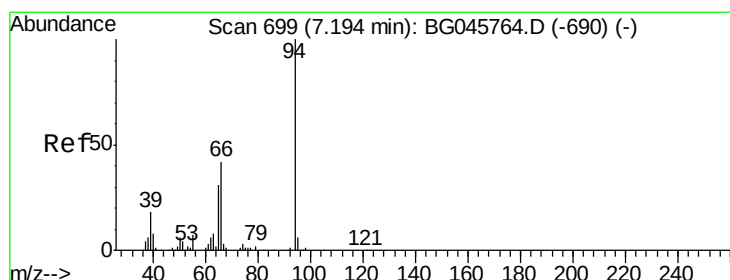
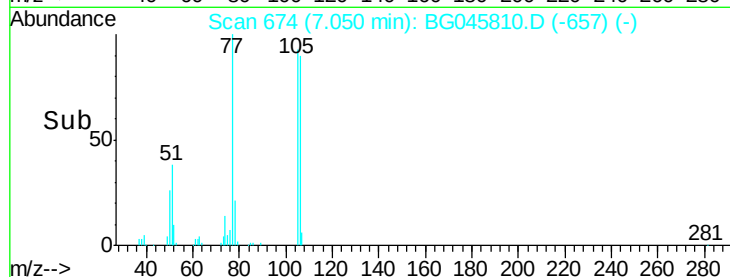
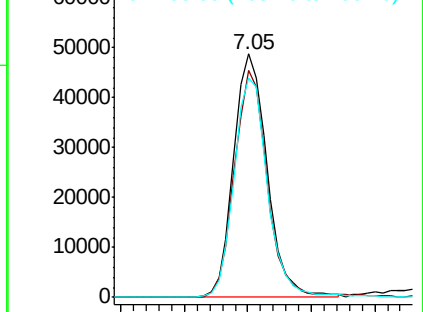
77 100

105 93.2 70.4 110.4

106 90.3 70.2 110.2



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



#10

Phenol

Concen: 44.424 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

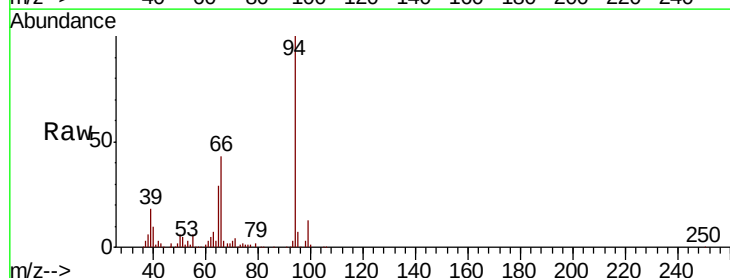
Tgt Ion: 94 Resp: 205223

Ion Ratio Lower Upper

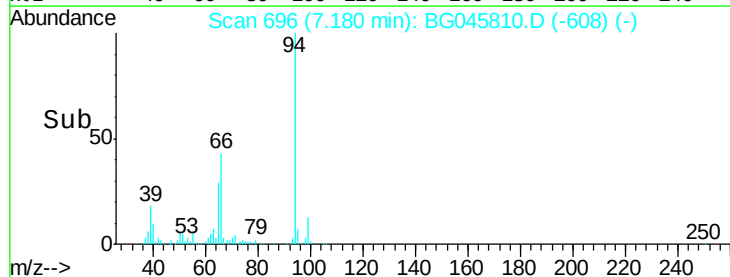
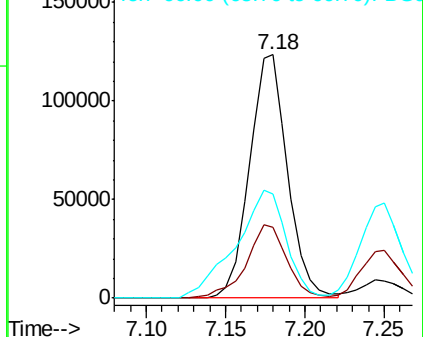
94 100

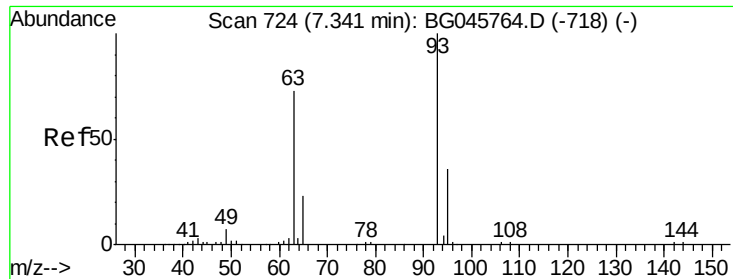
65 29.3 10.7 50.7

66 42.8 22.5 62.5



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





#11

bis(2-Chloroethyl)ether

Concen: 41.190 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

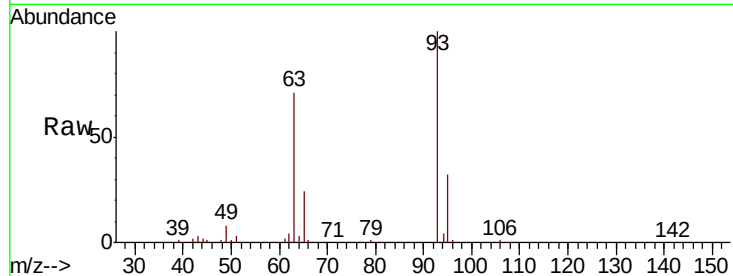
Tot Ion: 93 Resp: 144530

Ion Ratio Lower Upper

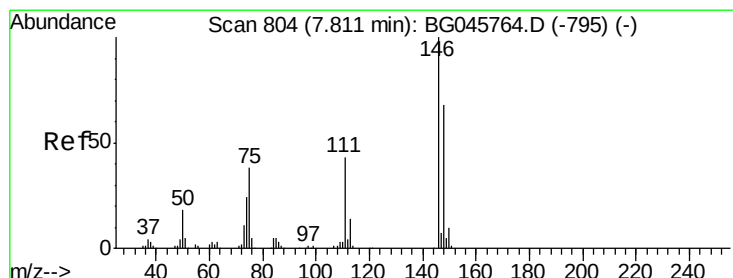
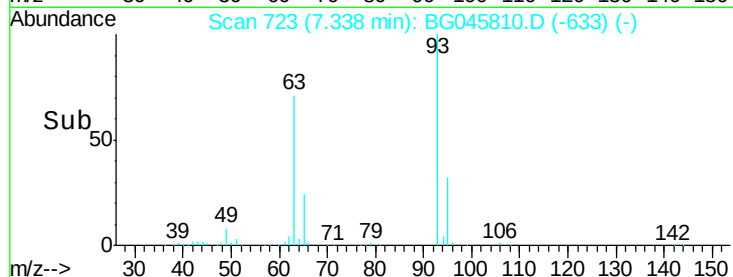
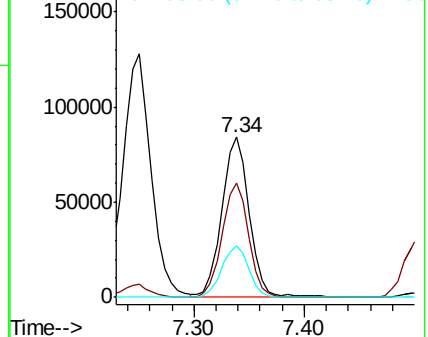
93 100

63 71.4 52.0 92.0

95 32.2 15.6 55.6



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



#12

1,3-Dichlorobenzene

Concen: 42.875 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

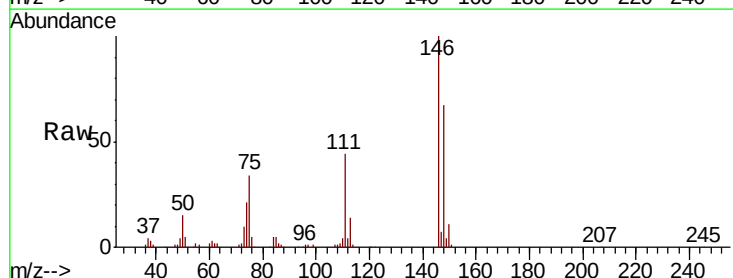
Tgt Ion: 146 Resp: 171426

Ion Ratio Lower Upper

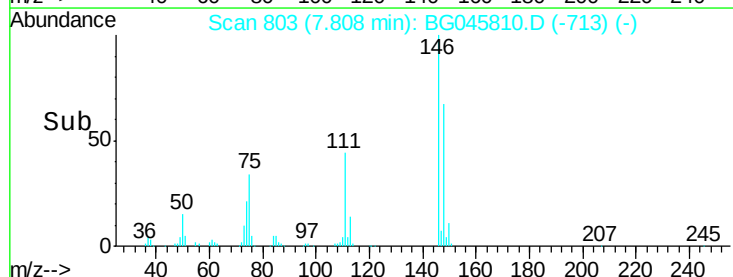
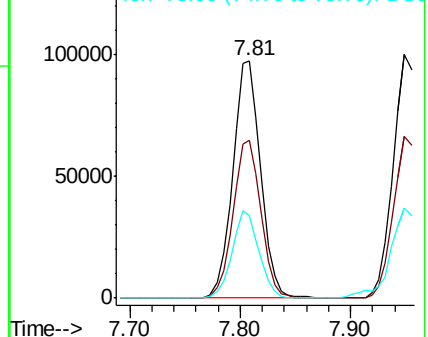
146 100

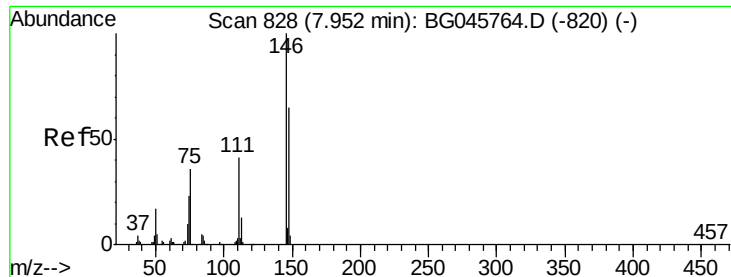
148 66.5 54.2 81.4

75 34.4 30.1 45.1



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

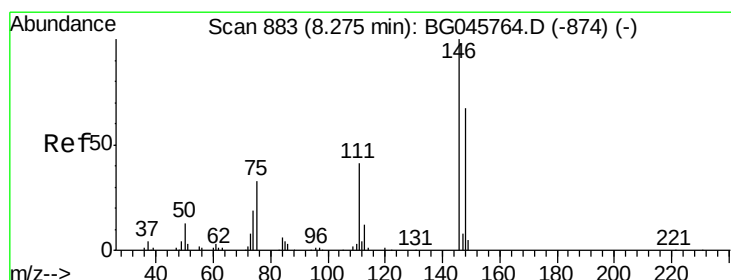
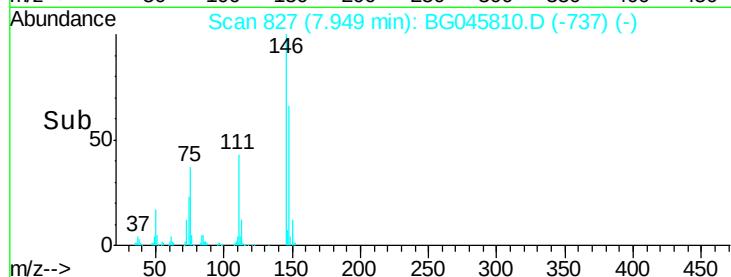
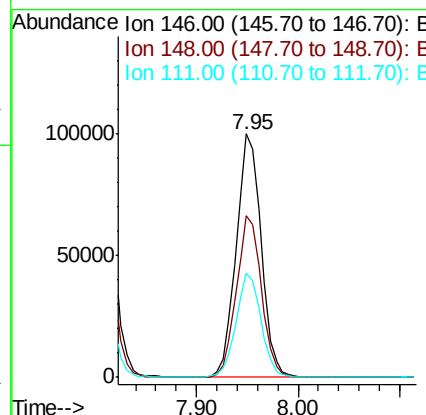
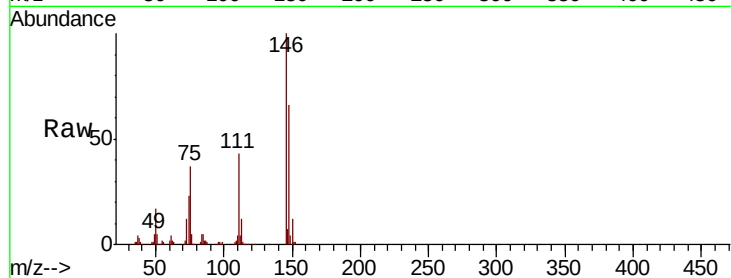




#13
 1,4-Dichlorobenzene
 Concen: 42.765 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

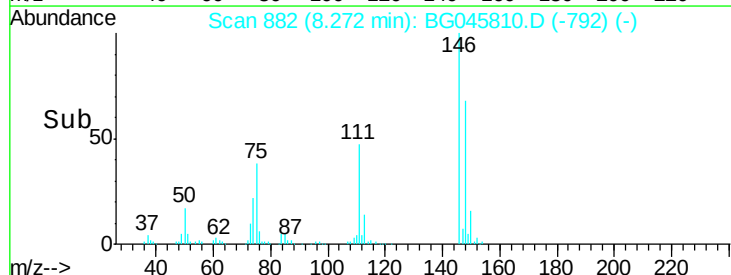
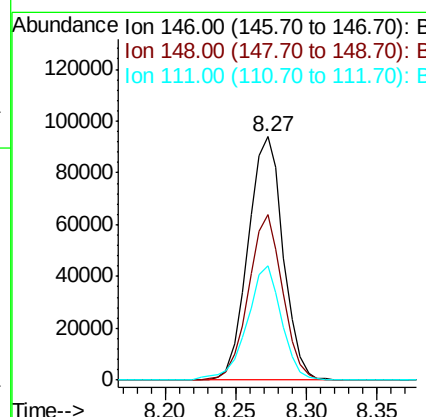
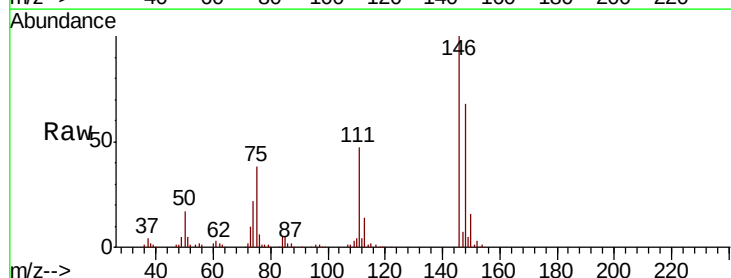
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

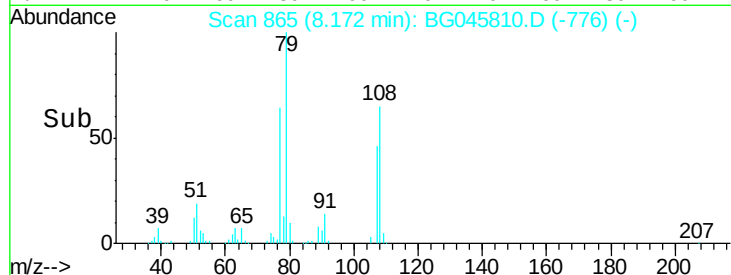
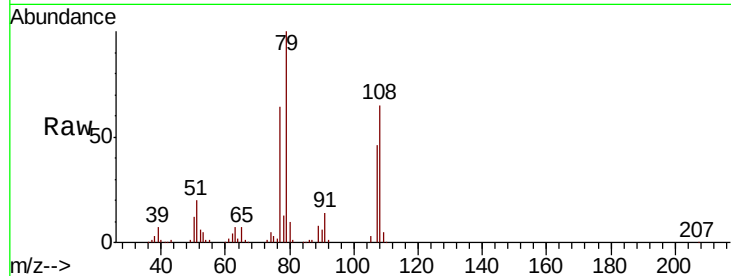
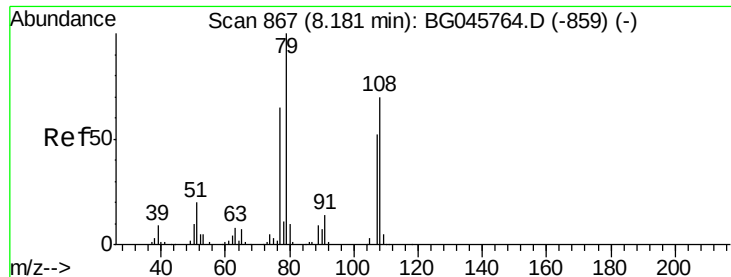
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.6
111	42.8	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 42.774 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	54.1	81.1
111	46.9	32.9	49.3





#15

Benzyl Alcohol

Concen: 42.354 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

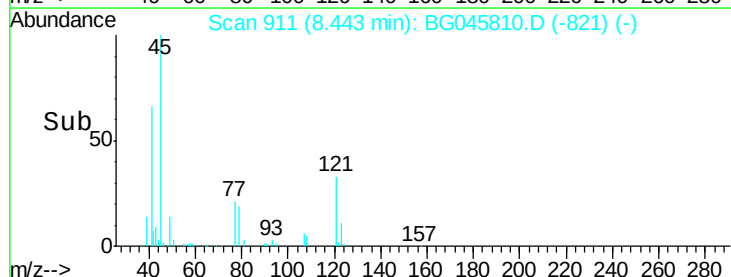
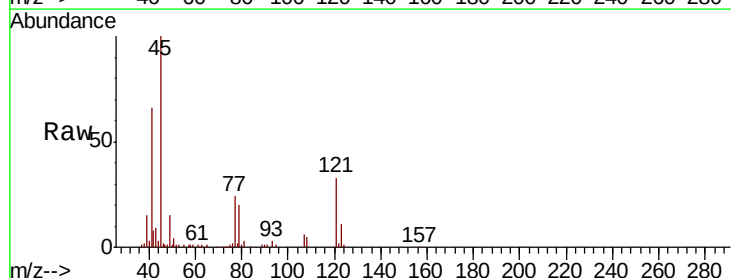
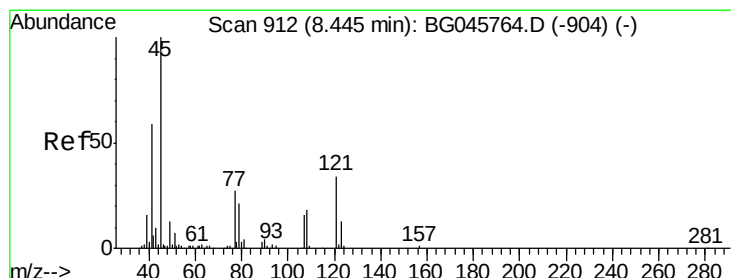
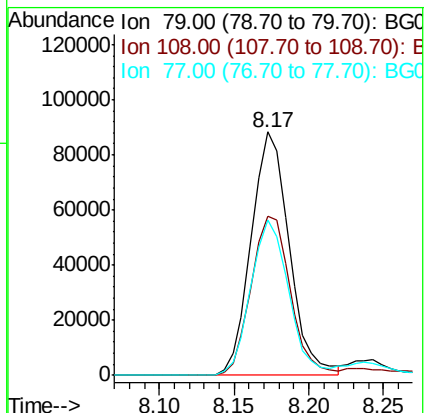
Tot Ion: 79 Resp: 156266

Ion Ratio Lower Upper

79 100

108 65.4 56.2 84.4

77 64.0 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.700 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

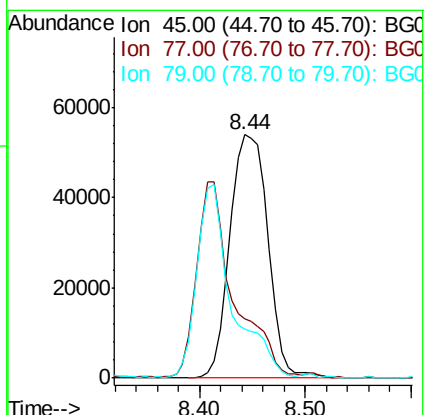
Tgt Ion: 45 Resp: 134596

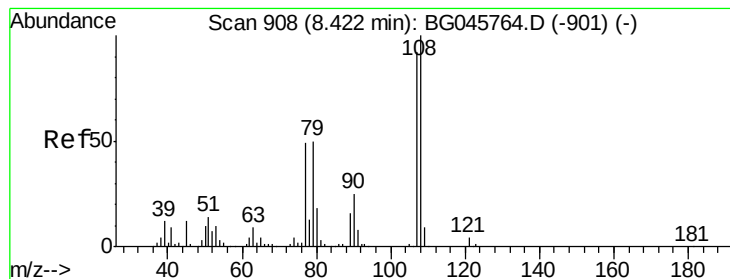
Ion Ratio Lower Upper

45 100

77 24.2 14.9 54.9

79 20.3 9.2 49.2





#17

2-Methylphenol

Concen: 40.445 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

Tot Ion:107 Resp: 139048

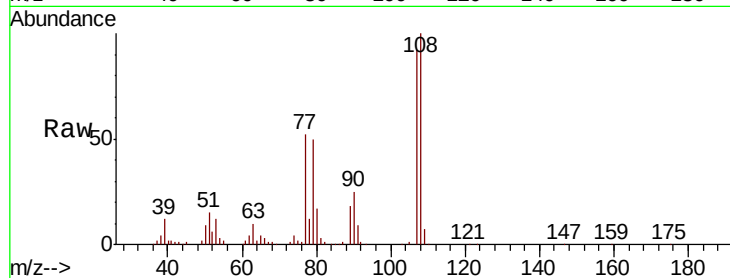
Ion Ratio Lower Upper

107 100

108 108.8 87.4 131.0

77 56.2 42.5 63.7

79 54.3 44.0 66.0

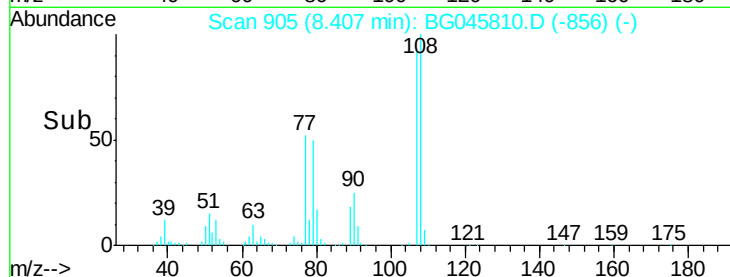


Abundance Ion 107.00 (106.70 to 107.70): E

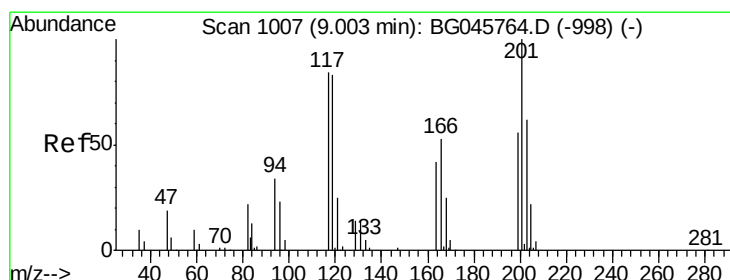
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 42.955 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

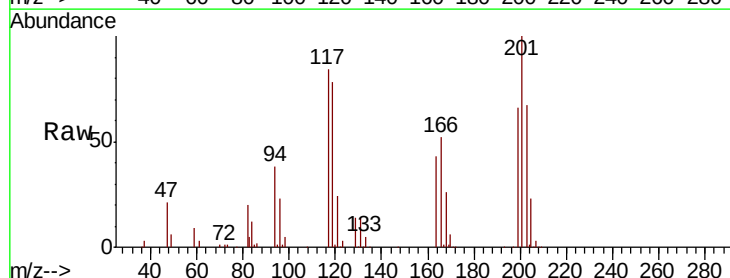
Tgt Ion:117 Resp: 65153

Ion Ratio Lower Upper

117 100

119 92.7 78.9 118.3

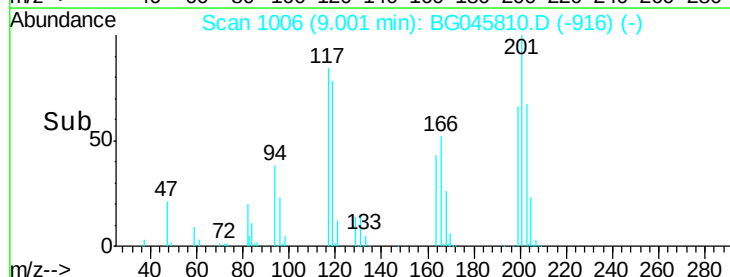
201 119.5 95.5 143.3



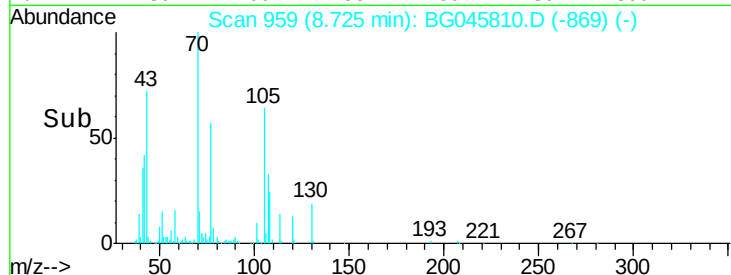
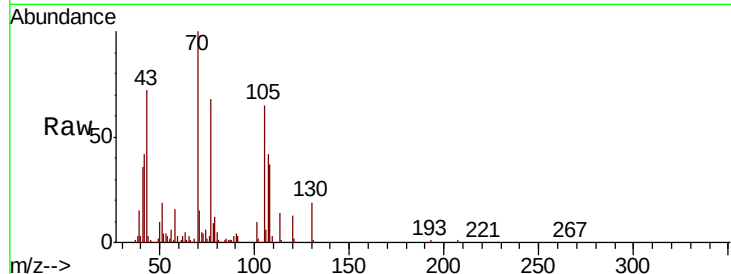
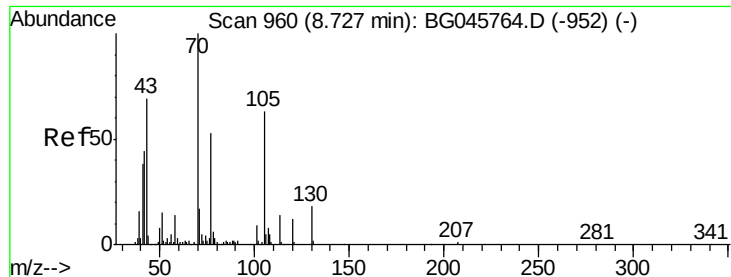
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



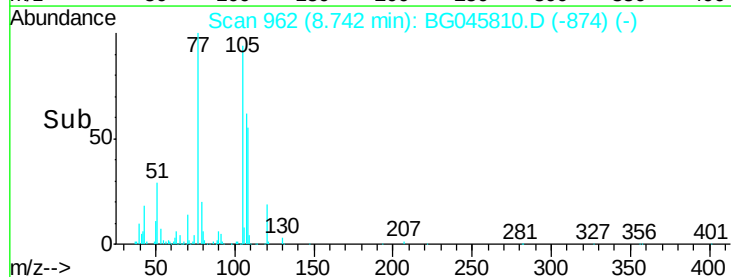
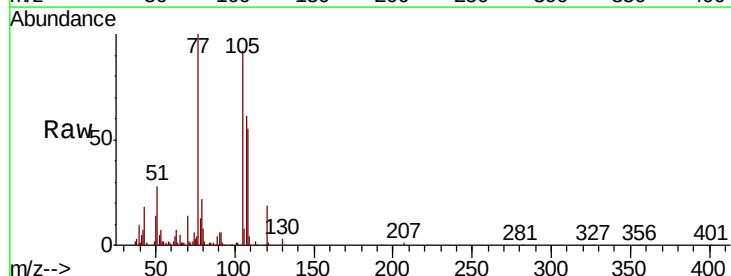
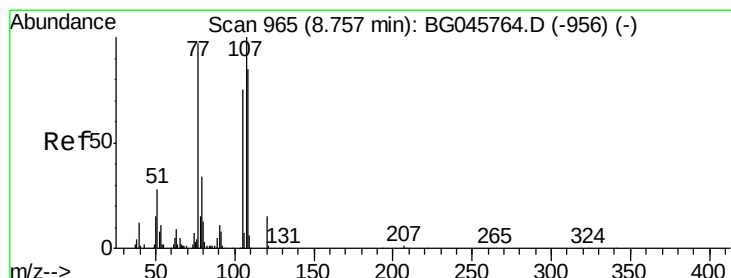
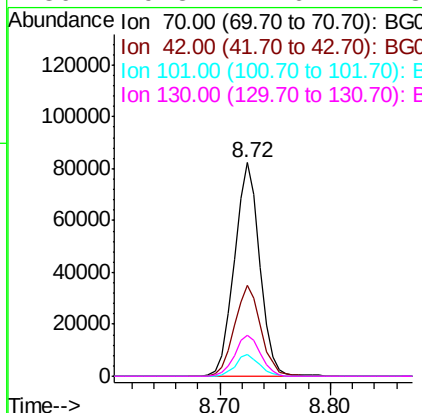
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 42.176 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

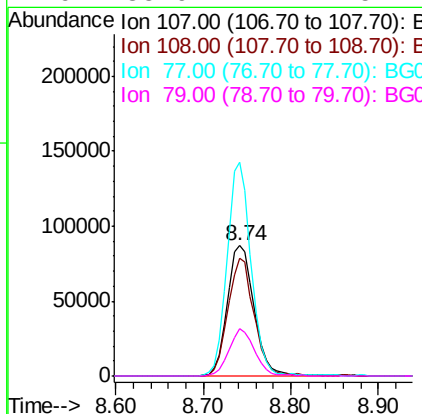
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

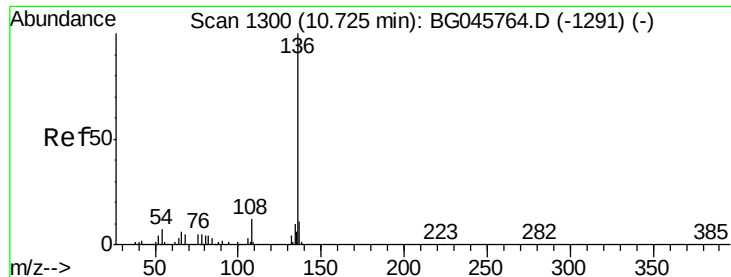
Tot Ion:	70	Resp:	132200
Ion	Ratio	Lower	Upper
70	100		
42	42.4	35.1	52.7
101	10.0	7.4	11.0
130	19.3	14.6	21.8



#20
3+4-Methylphenols
Concen: 40.369 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:	107	Resp:	182526
Ion	Ratio	Lower	Upper
107	100		
108	90.5	65.4	105.4
77	163.7	77.2	117.2#
79	35.9	14.2	54.2

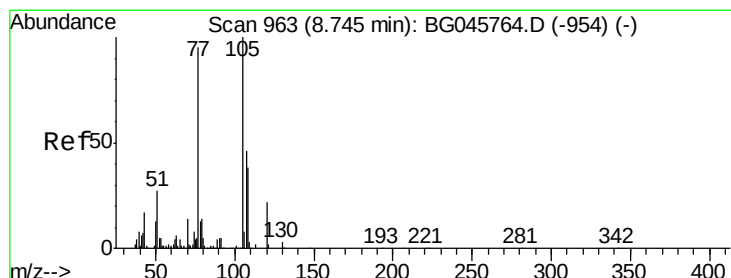
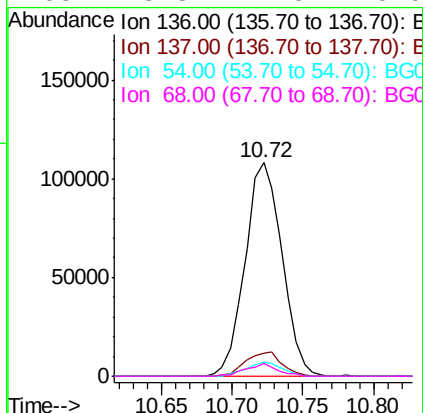
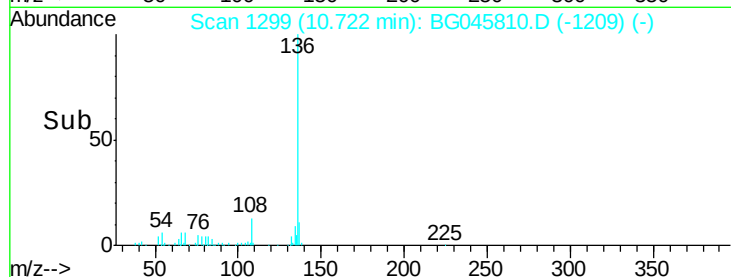
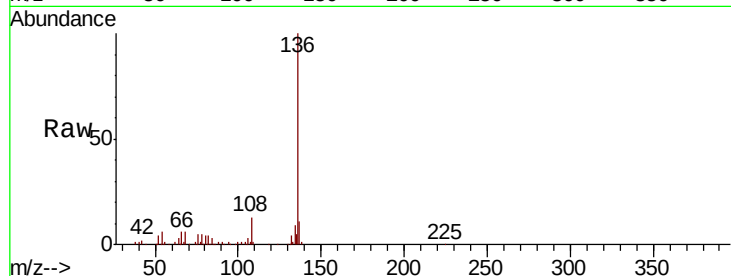




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

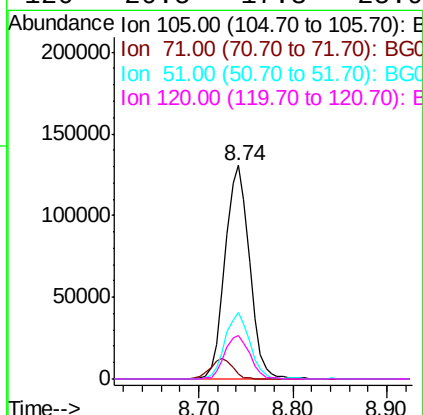
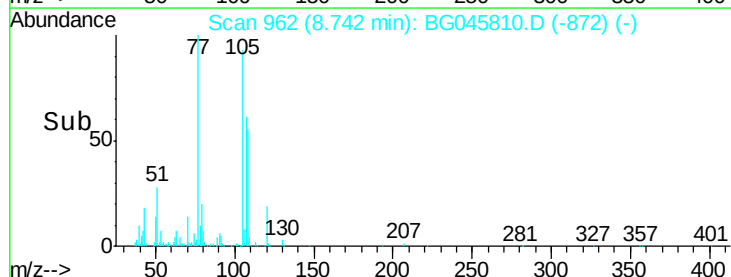
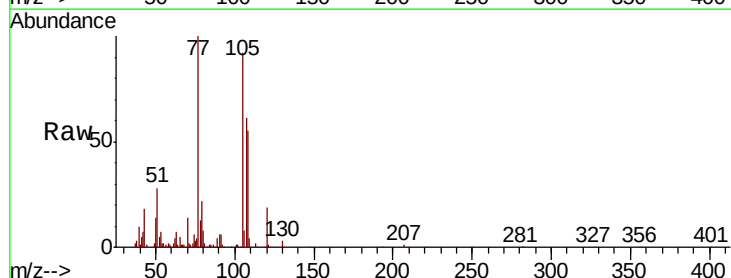
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

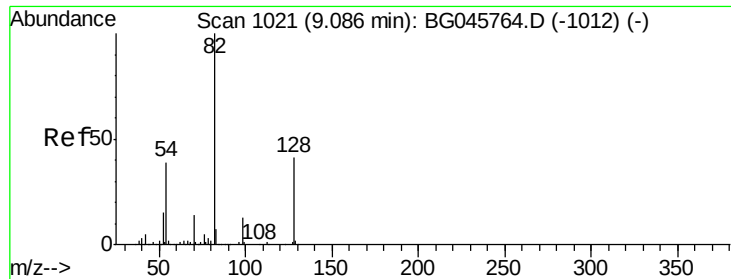
Tot Ion:136	Resp:	198435
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	6.3	5.8 8.6
68	5.8	4.0 6.0



#22
Acetophenone
Concen: 43.440 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:105	Resp:	236595
Ion	Ratio	Lower Upper
105	100	
71	2.4	1.8 2.8
51	31.1	21.9 32.9
120	20.5	17.3 25.9

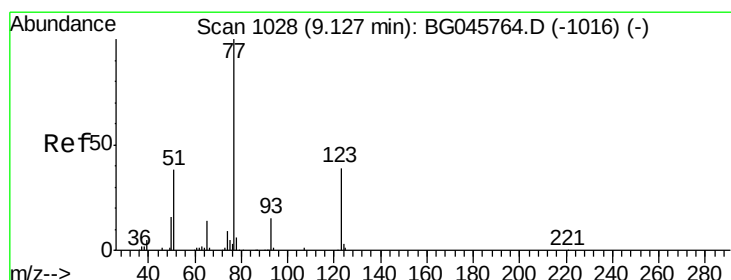
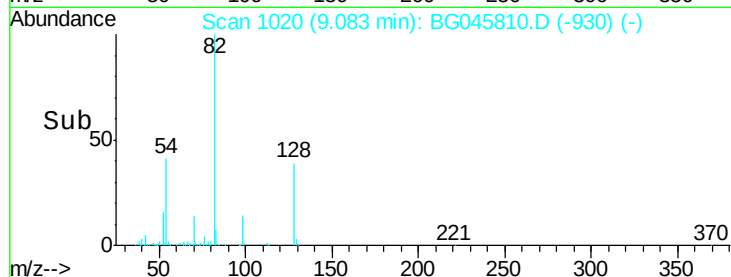
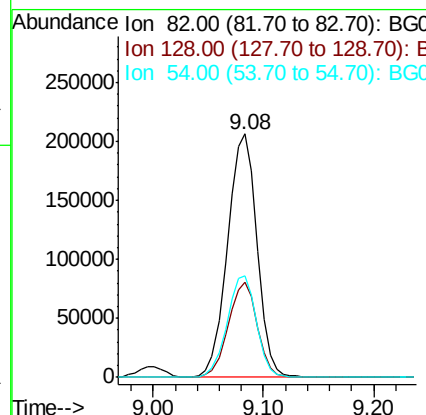
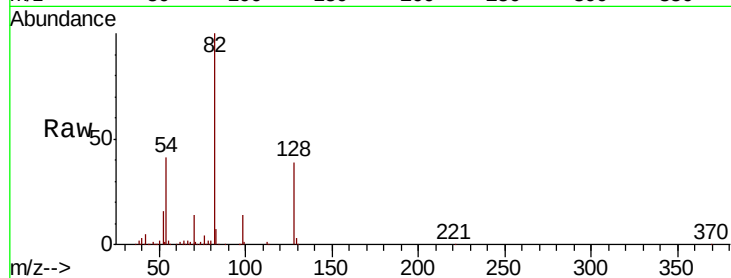




#23
 Nitrobenzene-d5
 Concen: 88.439 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

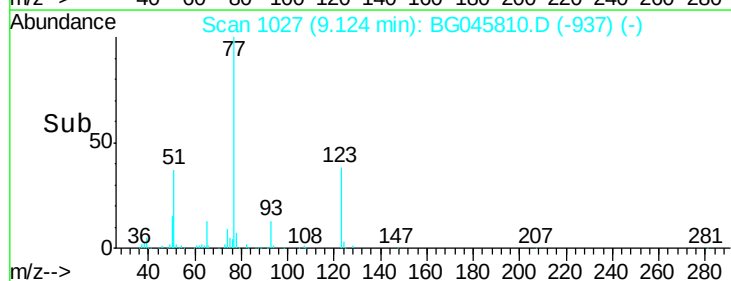
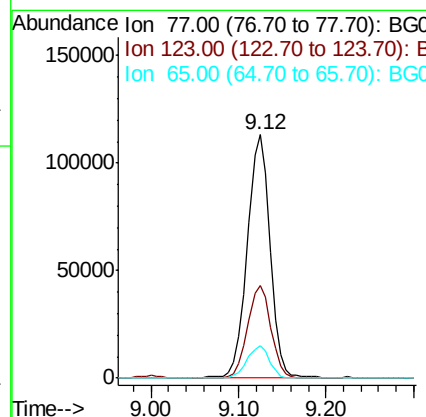
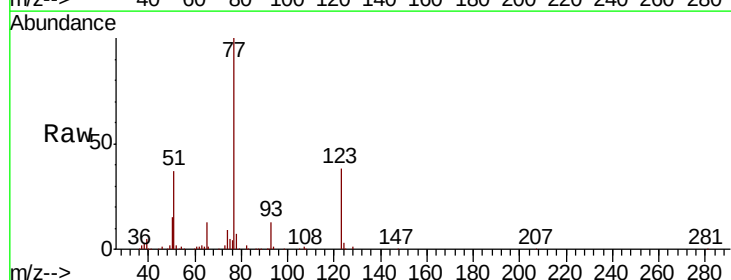
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

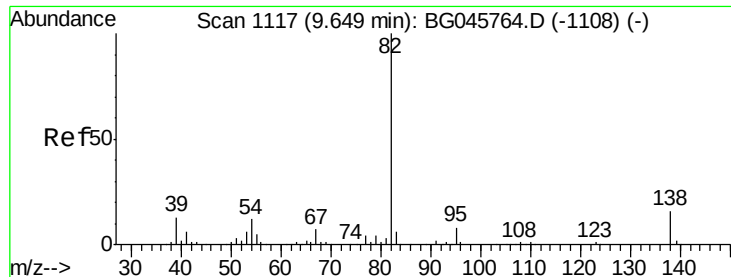
Tot Ion	82	Resp	384152
Ion Ratio	Lower	Upper	
82	100		
128	39.0	32.5	48.7
54	41.5	31.2	46.8



#24
 Nitrobenzene
 Concen: 42.995 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	77	Resp	199130
Ion Ratio	Lower	Upper	
77	100		
123	37.8	31.2	46.8
65	13.2	11.4	17.2





#25

Isophorone

Concen: 41.761 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

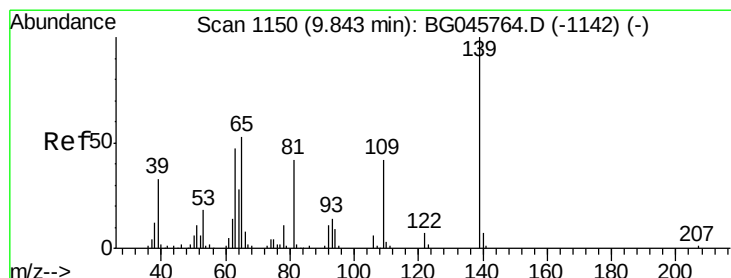
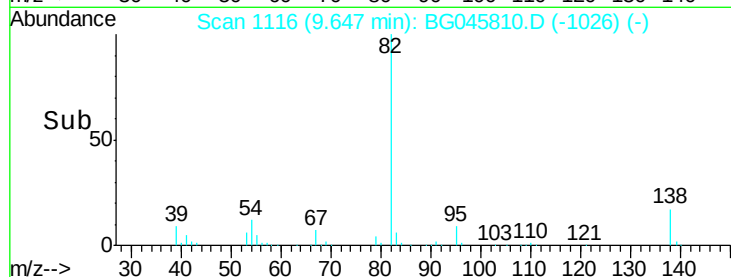
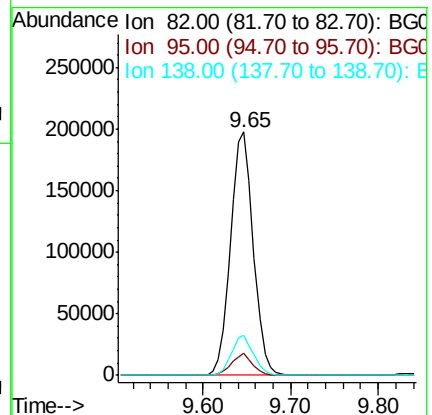
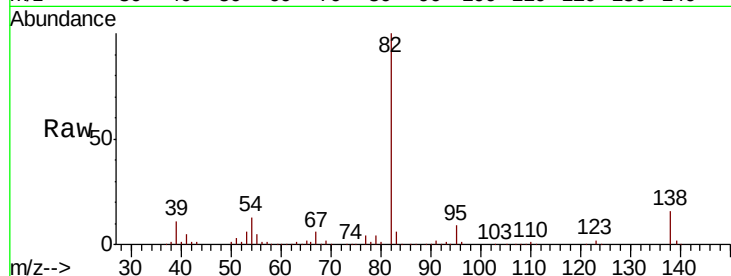
Tot Ion: 82 Resp: 351169

Ion Ratio Lower Upper

82 100

95 8.9 6.2 9.4

138 16.3 12.6 18.8



#26

2-Nitrophenol

Concen: 44.718 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

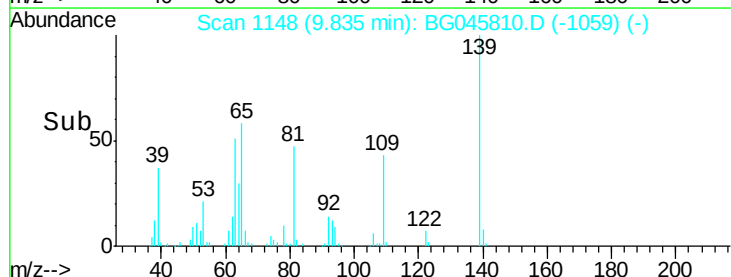
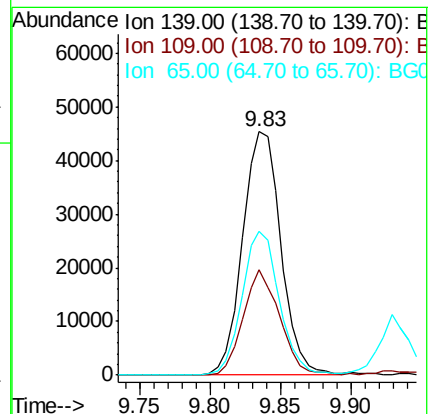
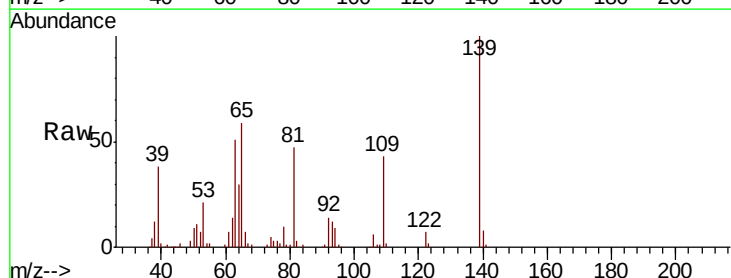
Tgt Ion: 139 Resp: 86285

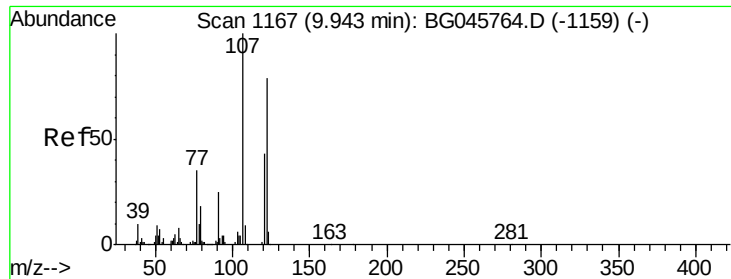
Ion Ratio Lower Upper

139 100

109 43.2 33.5 50.3

65 58.9 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 46.906 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

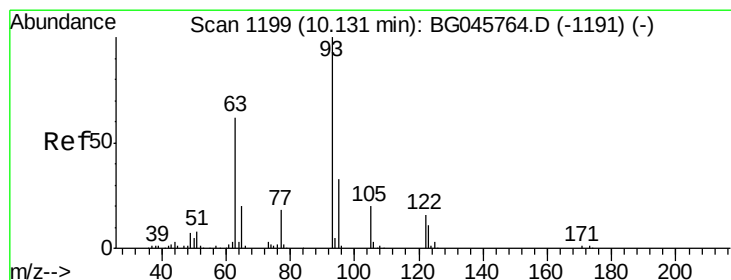
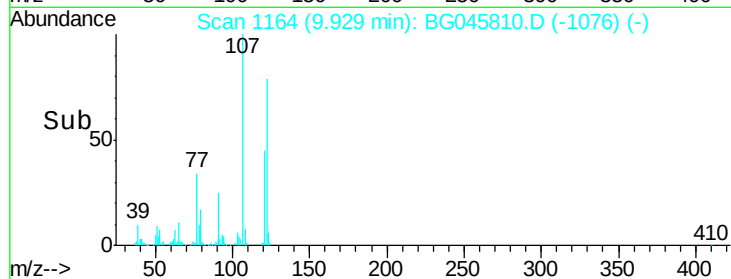
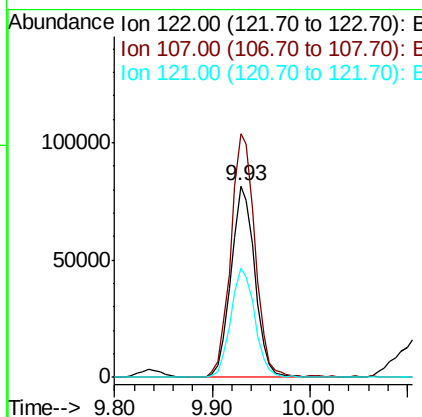
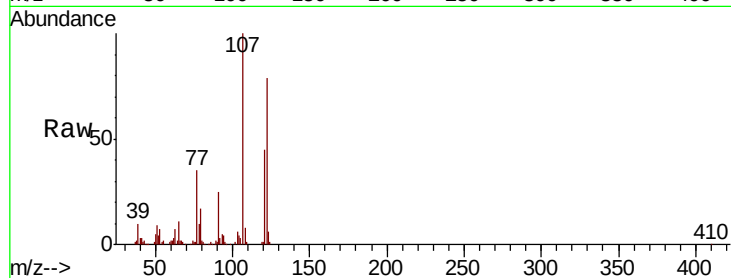
Tot Ion:122 Resp: 138179

Ion Ratio Lower Upper

122 100

107 127.1 101.3 151.9

121 57.0 43.9 65.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.824 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

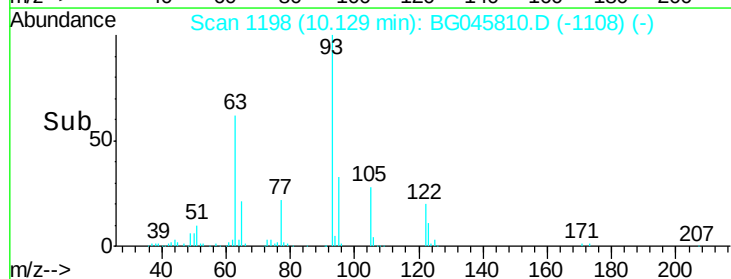
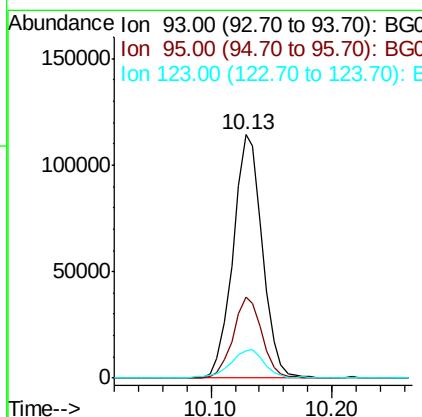
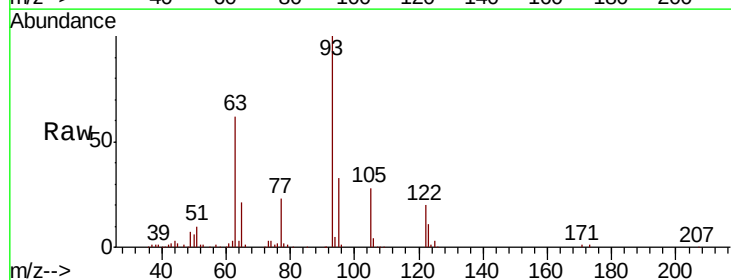
Tgt Ion: 93 Resp: 192495

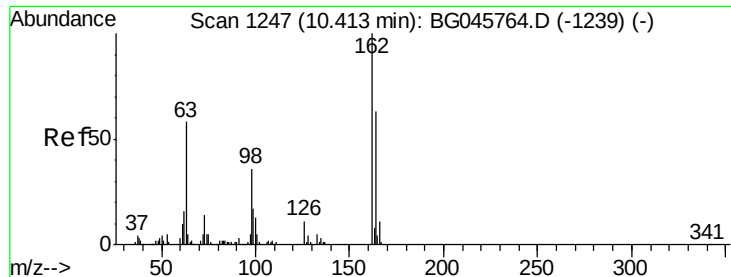
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 11.0 9.3 13.9

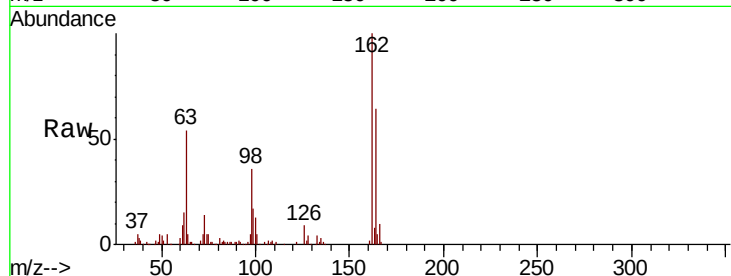




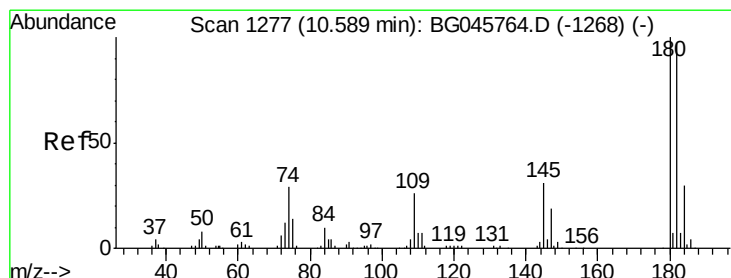
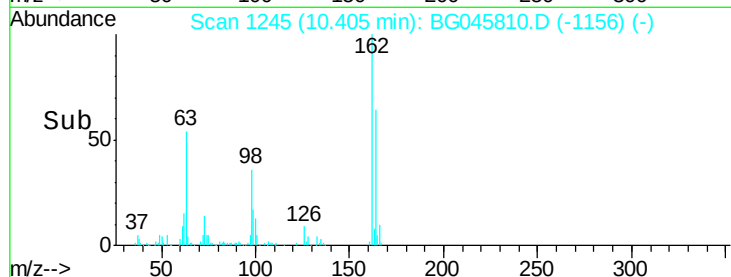
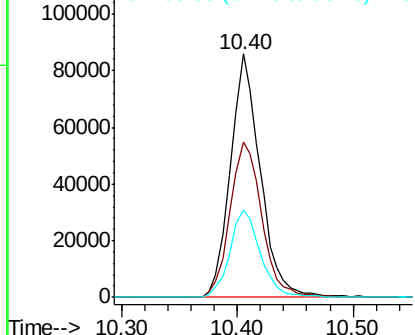
#29
2,4-Dichlorophenol
Concen: 44.761 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion:	162	Resp:	153843
Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.3	83.3
98	35.9	15.5	55.5

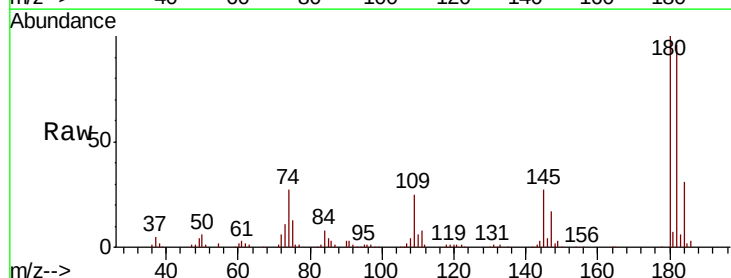


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

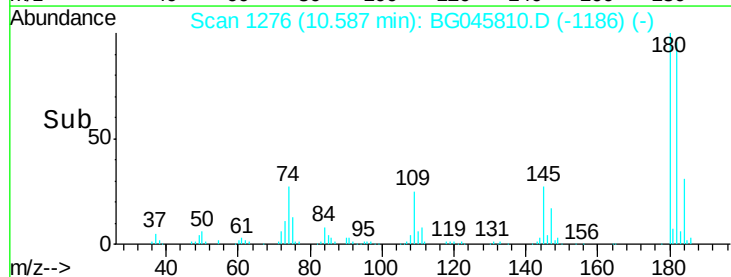
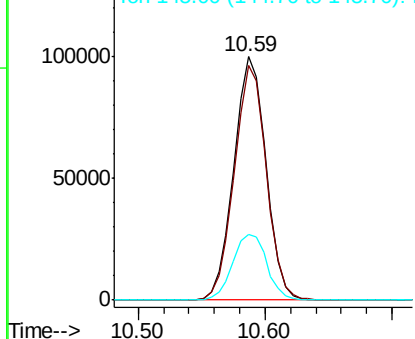


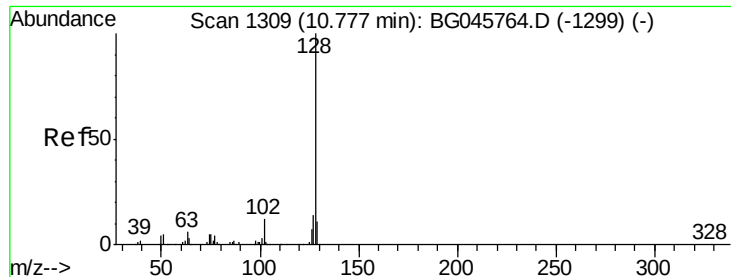
#30
1,2,4-Trichlorobenzene
Concen: 42.949 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:	180	Resp:	174754
Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.8	116.6
145	27.2	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

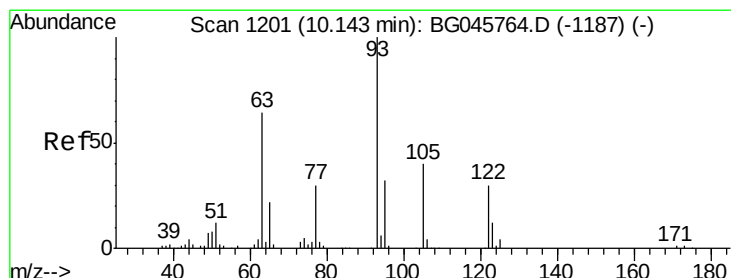
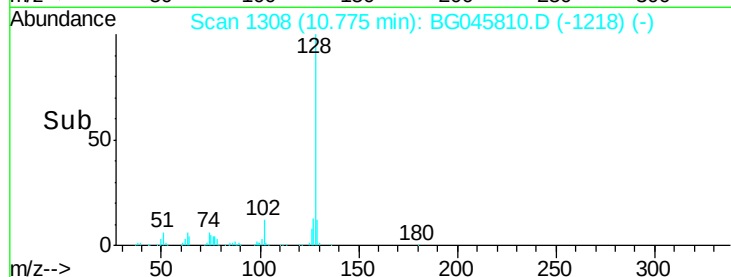
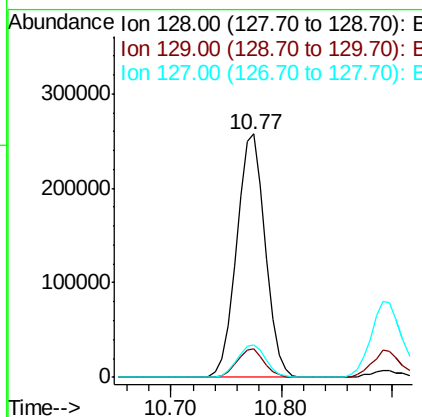
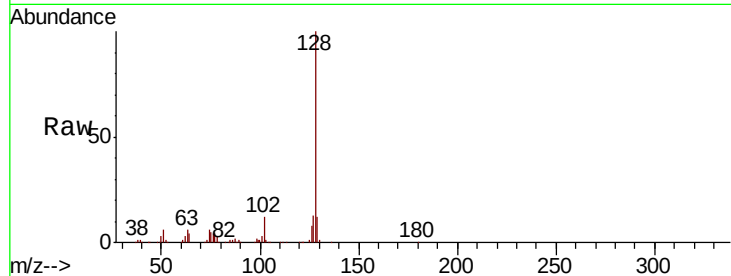




#31
Naphthalene
Concen: 43.043 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

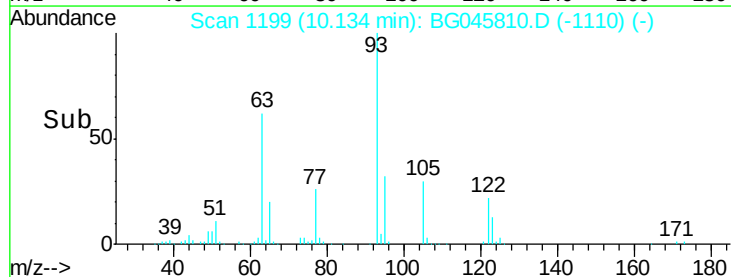
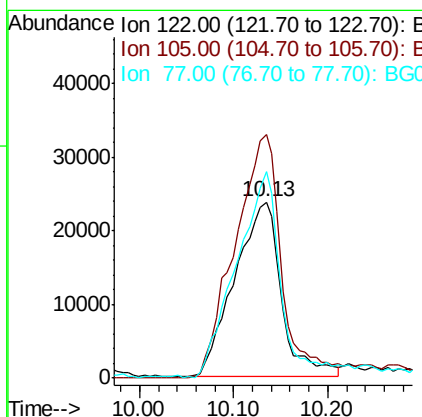
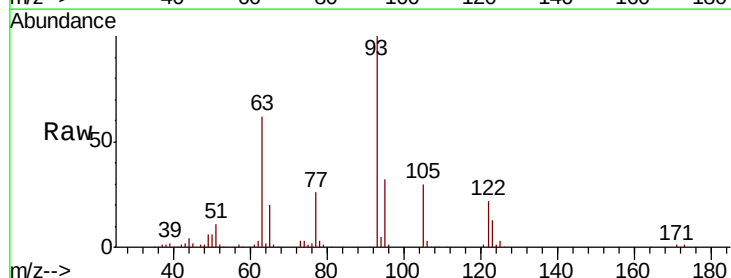
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

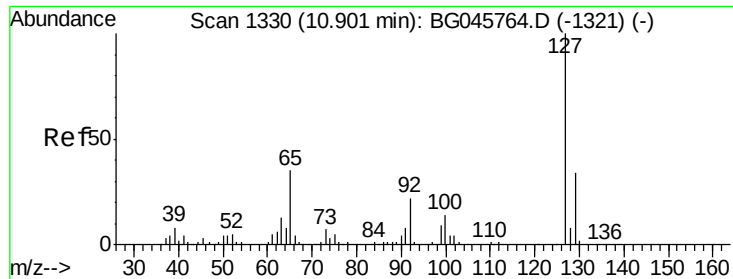
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.1	10.9	16.3



#32
Benzoic acid
Concen: 44.184 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.4	112.9	152.9
77	117.5	79.2	119.2

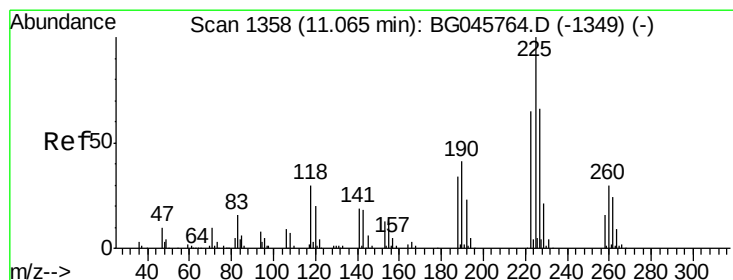
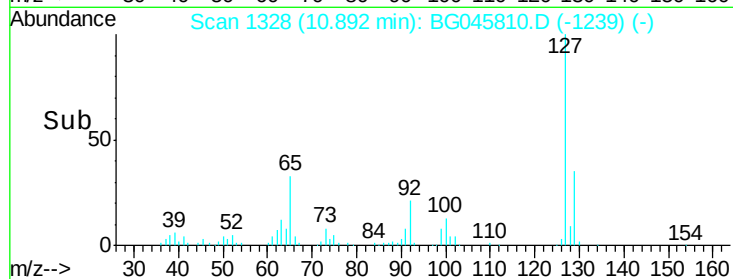
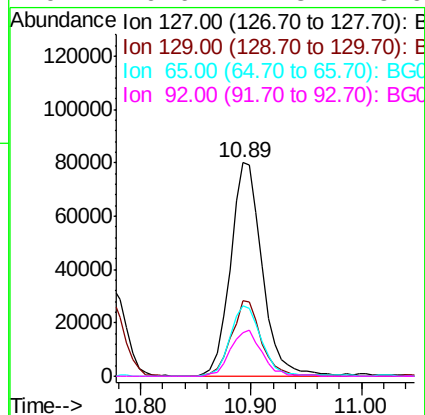
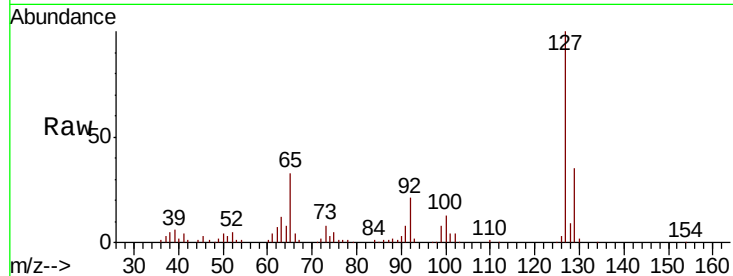




#33
4-Chloroaniline
Concen: 35.487 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

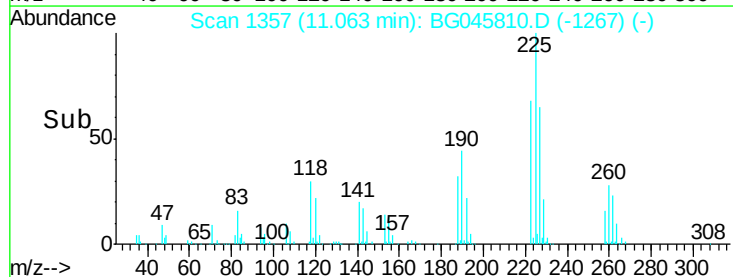
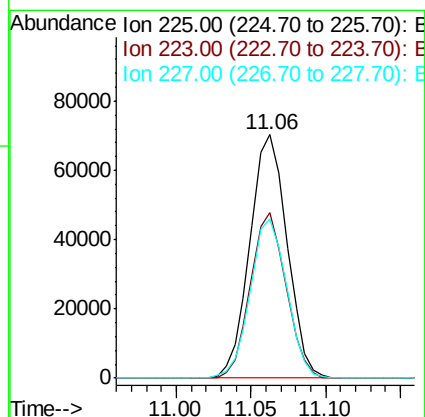
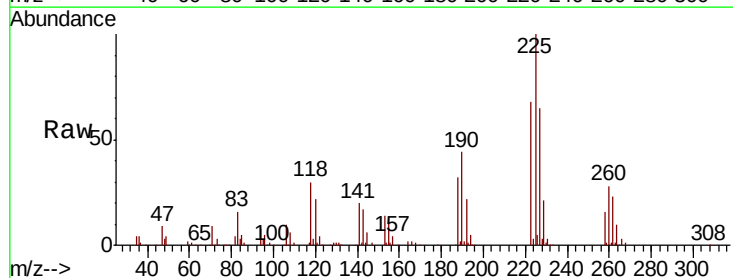
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

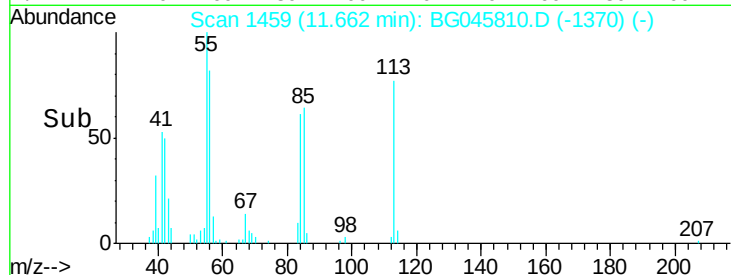
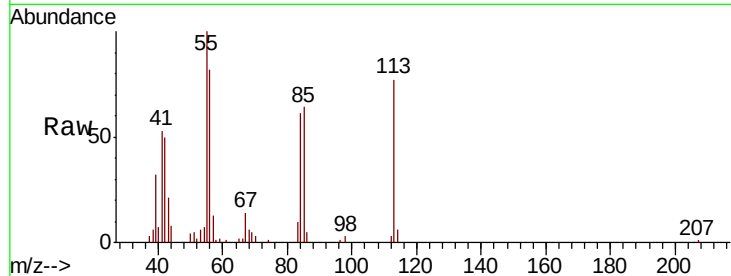
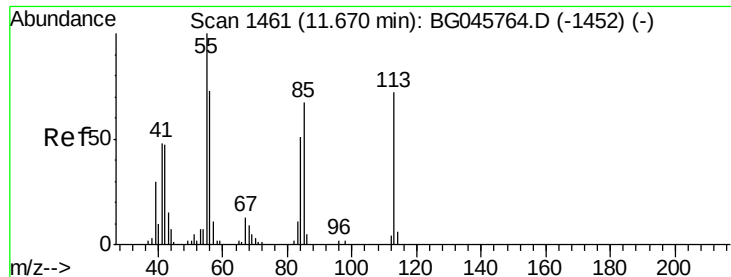
Tot Ion:	127	Resp:	161222
Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.8	40.2
65	33.0	27.8	41.8
92	20.6	17.3	25.9



#34
Hexachlorobutadiene
Concen: 41.927 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:	225	Resp:	121326
Ion	Ratio	Lower	Upper
225	100		
223	68.0	52.0	78.0
227	65.4	52.5	78.7





#35

Caprolactam

Concen: 21.744 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

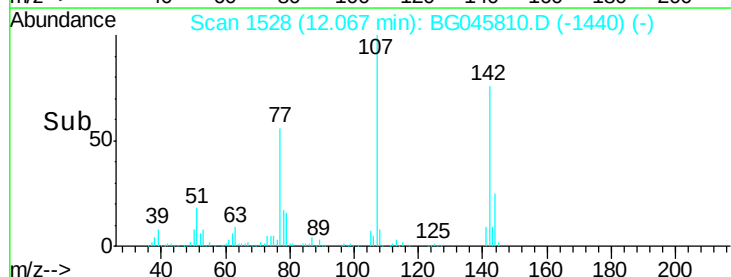
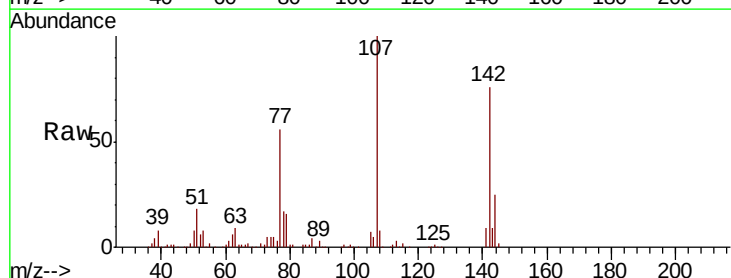
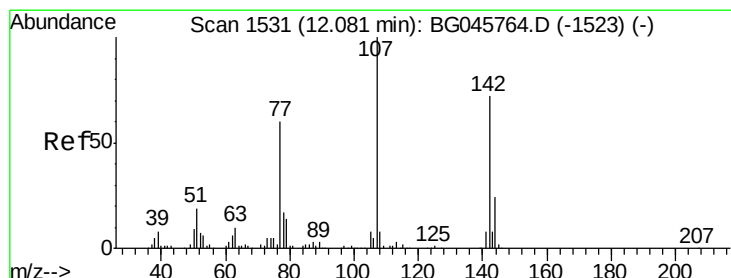
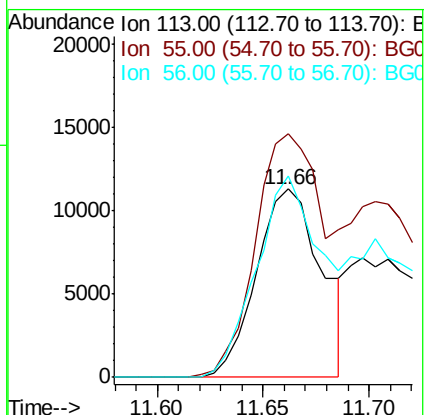
Tot Ion:113 Resp: 24184

Ion Ratio Lower Upper

113 100

55 129.2 119.7 159.7

56 106.5 82.5 122.5



#36

4-Chloro-3-methylphenol

Concen: 44.714 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

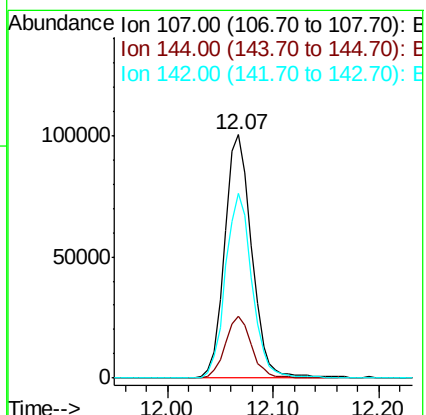
Tgt Ion:107 Resp: 177441

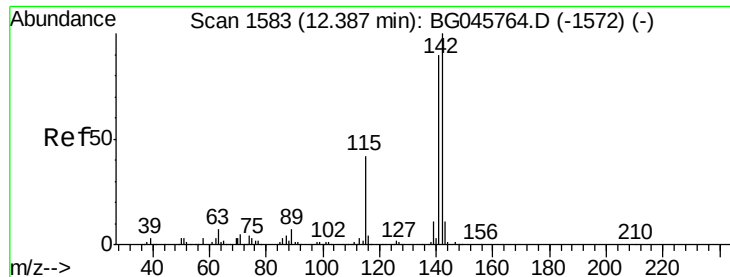
Ion Ratio Lower Upper

107 100

144 25.3 19.5 29.3

142 75.7 57.4 86.0

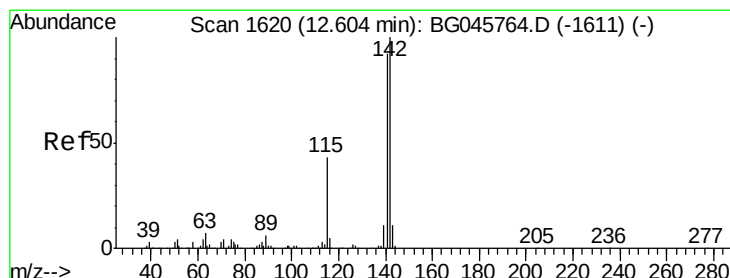
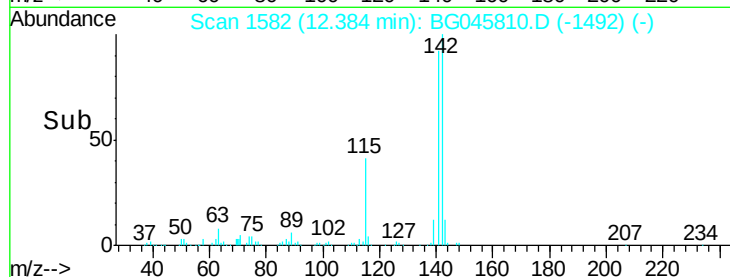
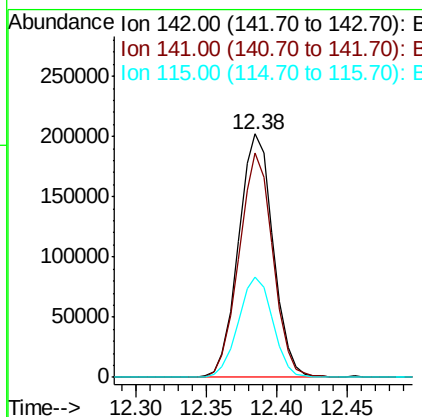
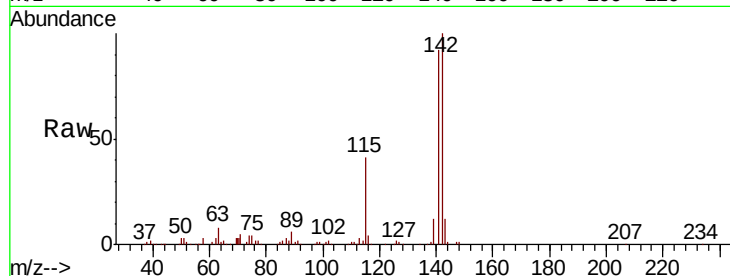




#37
2-Methylnaphthalene
Concen: 42.966 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

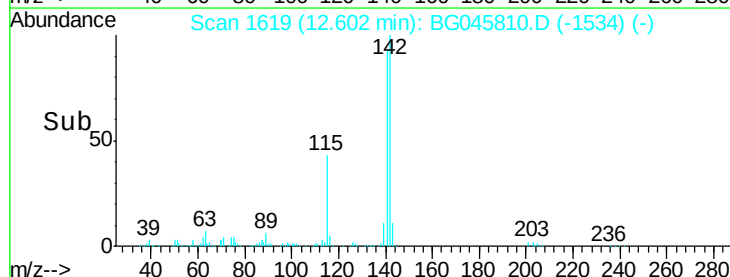
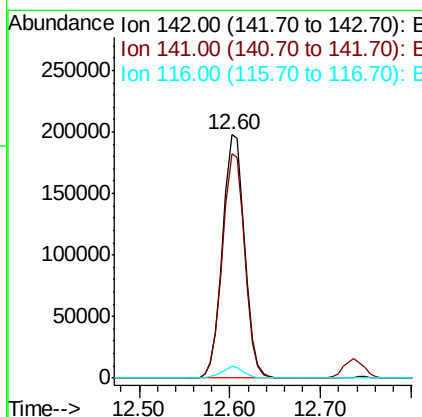
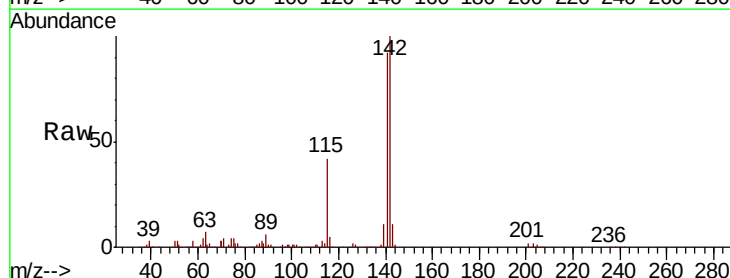
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

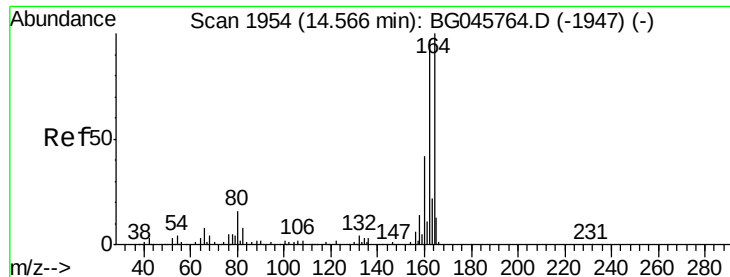
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.7	107.5
115	40.9	33.8	50.6



#38
1-Methylnaphthalene
Concen: 43.617 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8
116	4.8	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

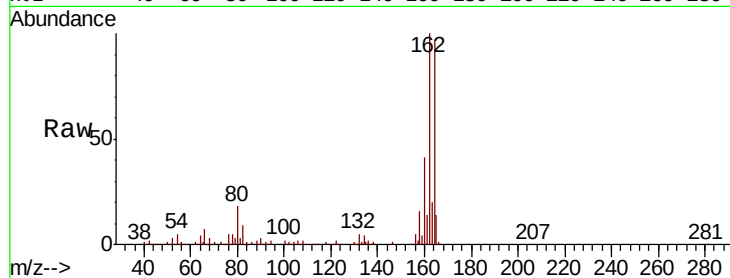
Tot Ion:164 Resp: 138534

Ion Ratio Lower Upper

164 100

162 103.0 77.4 116.0

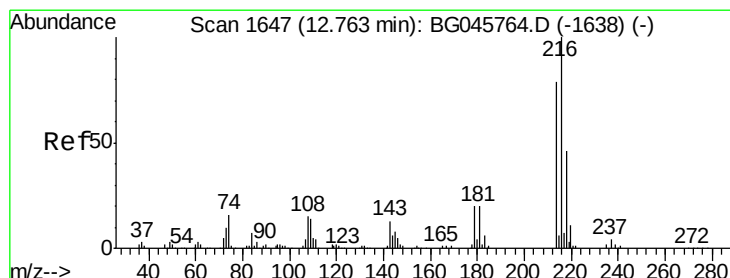
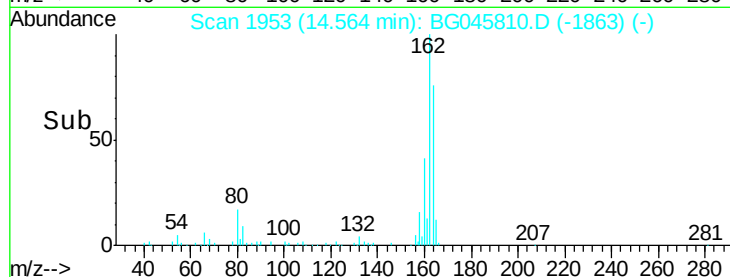
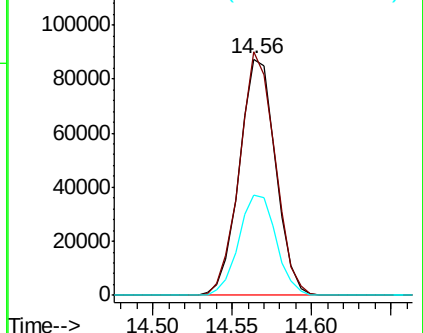
160 42.4 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.093 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:216 Resp: 196571

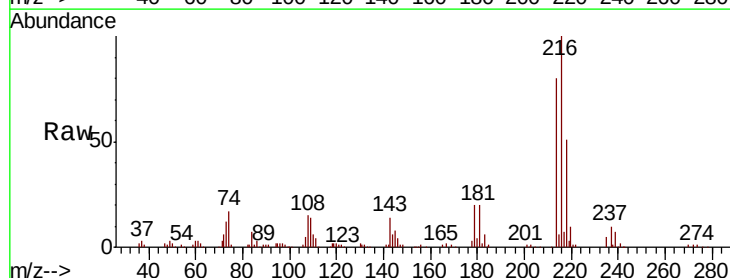
Ion Ratio Lower Upper

216 100

214 79.9 62.8 94.2

179 20.3 16.2 24.4

108 19.2 13.4 20.2

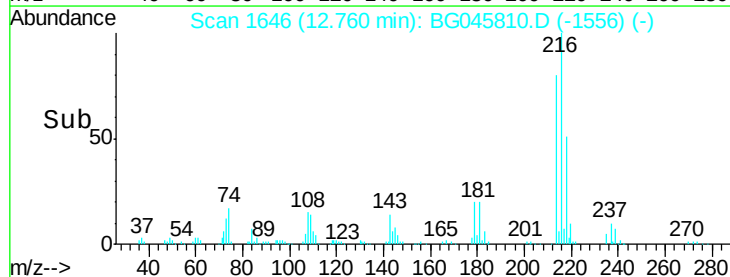
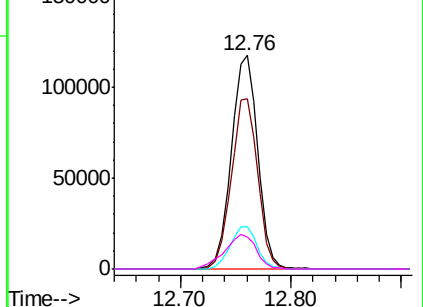


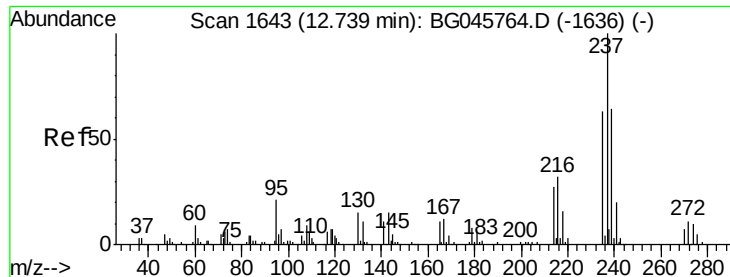
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.334 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

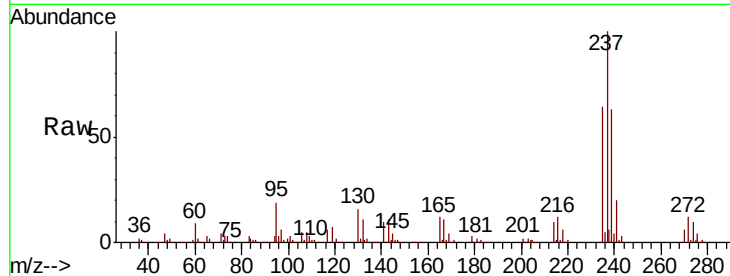
Tot Ion:237 Resp: 239125

Ion Ratio Lower Upper

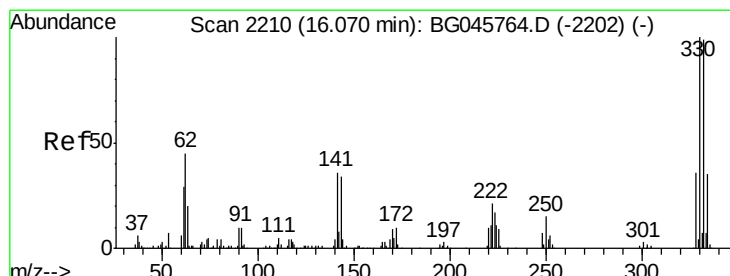
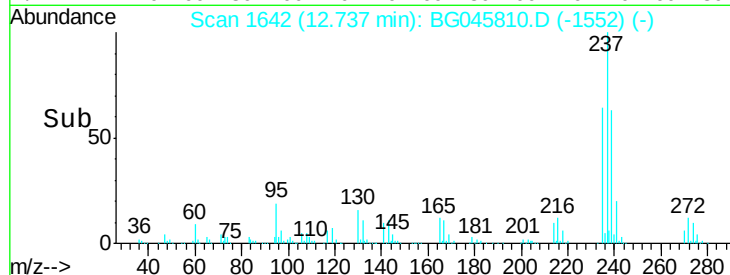
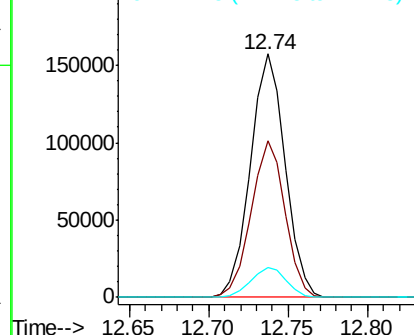
237 100

235 64.2 42.9 82.9

272 12.1 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.204 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

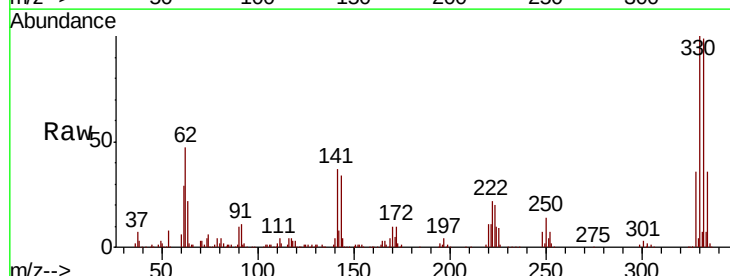
Tgt Ion:330 Resp: 272322

Ion Ratio Lower Upper

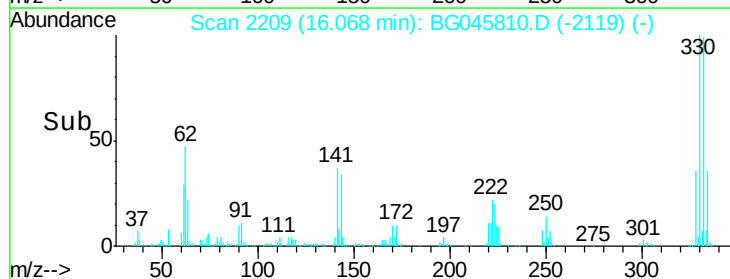
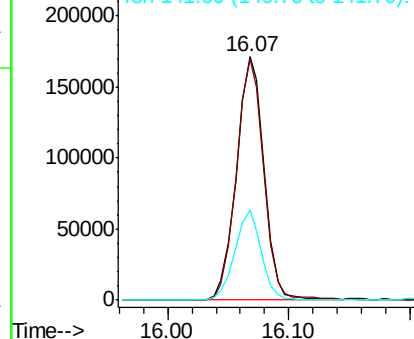
330 100

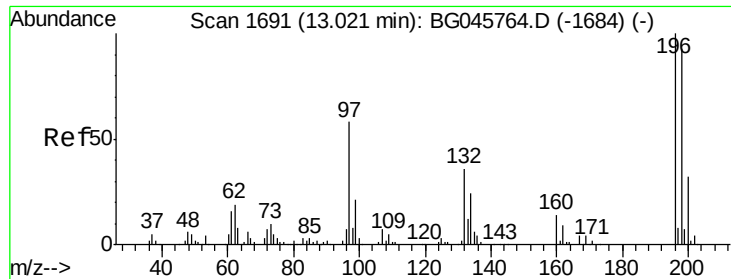
332 98.2 78.6 117.8

141 35.7 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

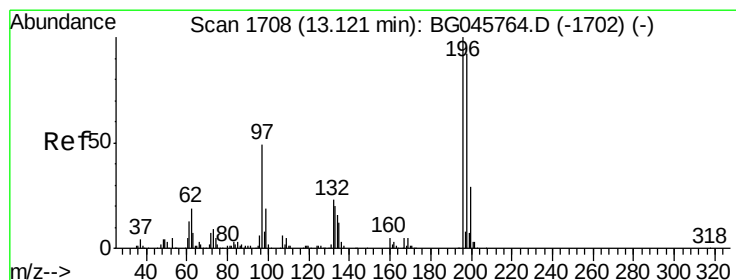
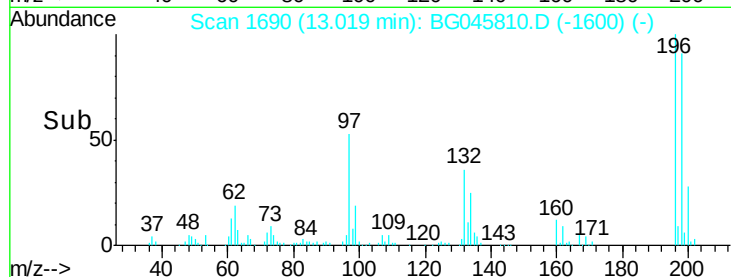
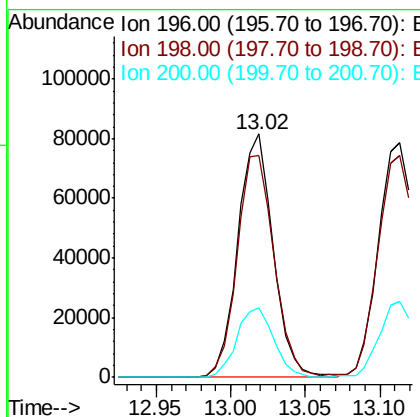
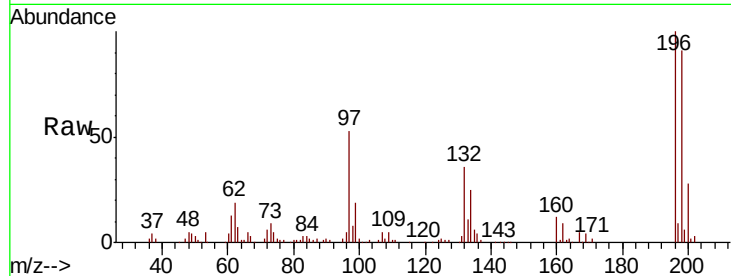




#43
 2,4,6-Trichlorophenol
 Concen: 43.195 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

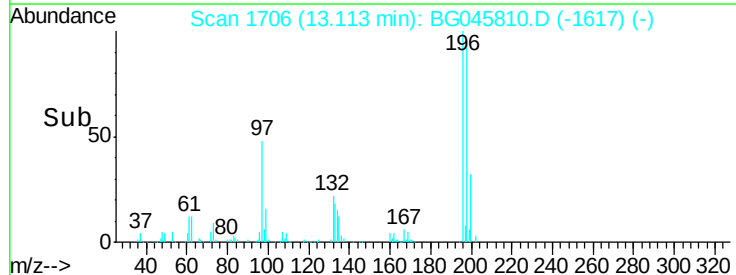
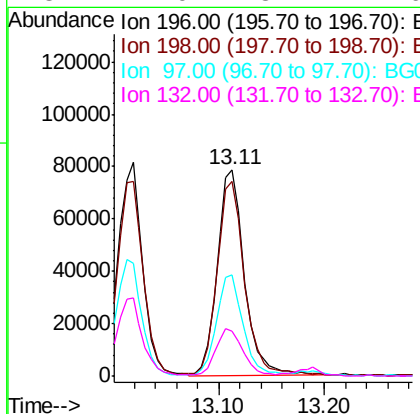
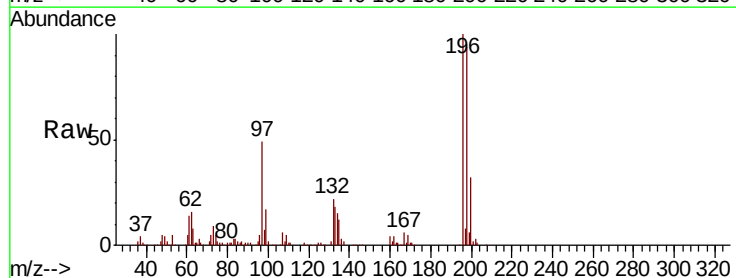
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

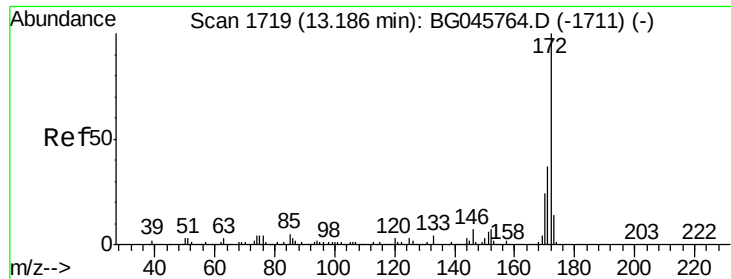
Tot Ion:196 Resp: 133592
 Ion Ratio Lower Upper
 196 100
 198 91.1 74.4 111.6
 200 28.4 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.800 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion:196 Resp: 140290
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.0 111.0
 97 49.0 39.0 58.6
 132 22.0 18.4 27.6

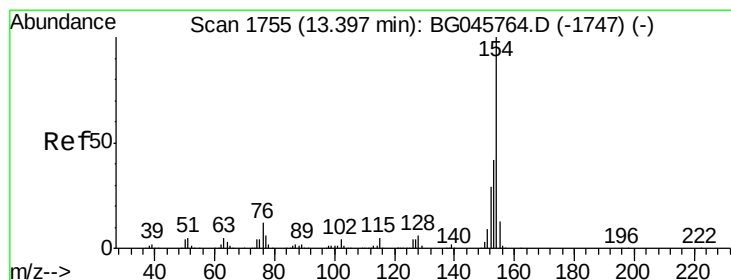
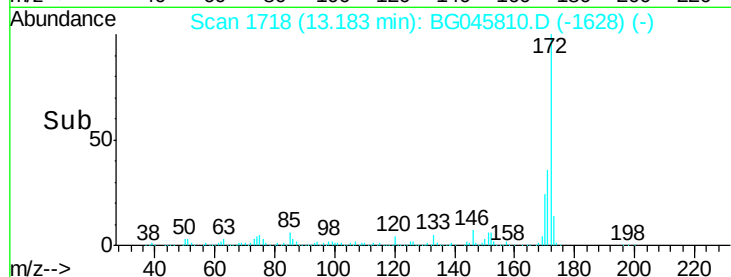
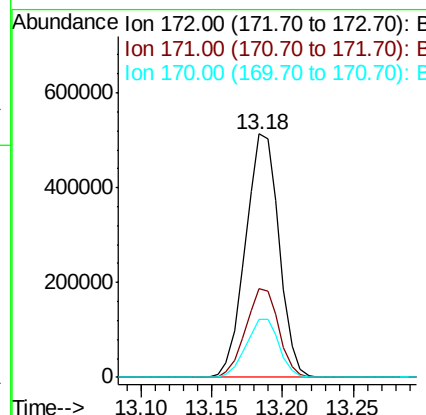
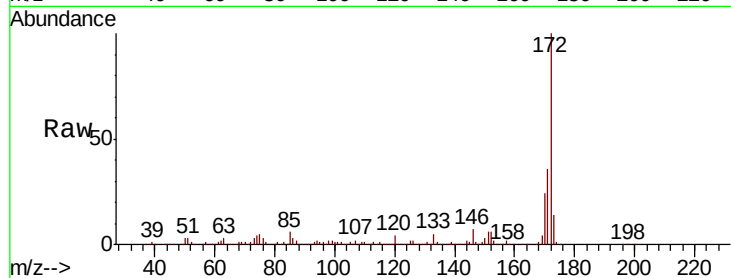




#45
2-Fluorobiphenyl
Concen: 90.525 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

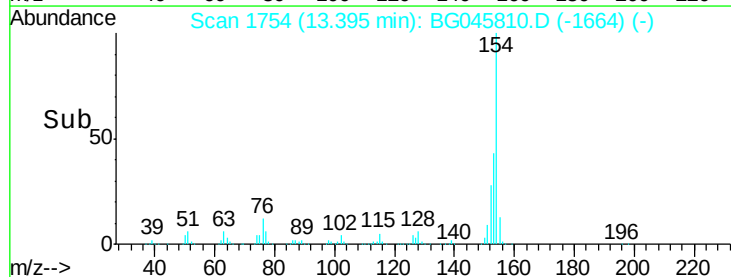
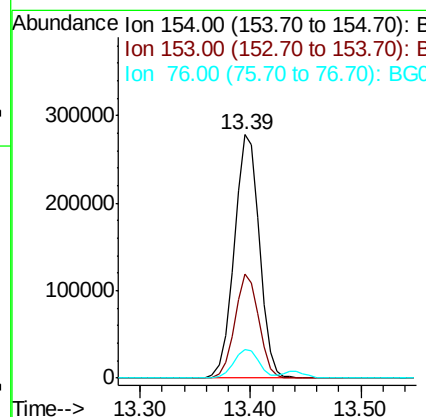
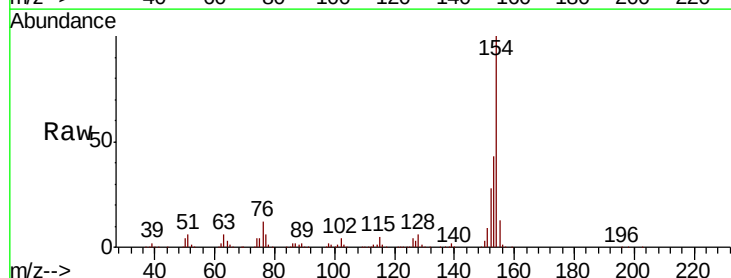
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

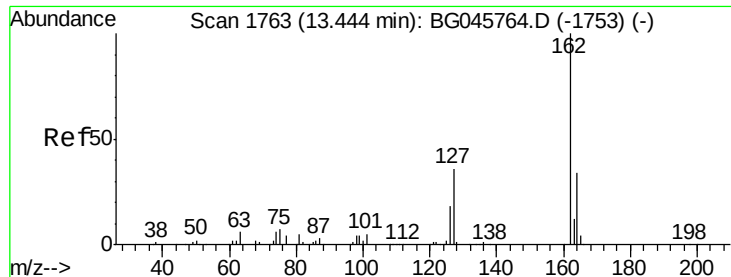
Tot Ion:172 Resp: 853372
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.1 19.3 28.9



#46
1,1'-Biphenyl
Concen: 44.710 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:154 Resp: 443445
Ion Ratio Lower Upper
154 100
153 42.9 21.7 61.7
76 11.9 0.0 32.0

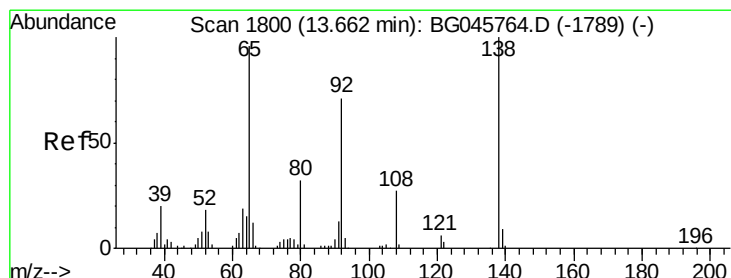
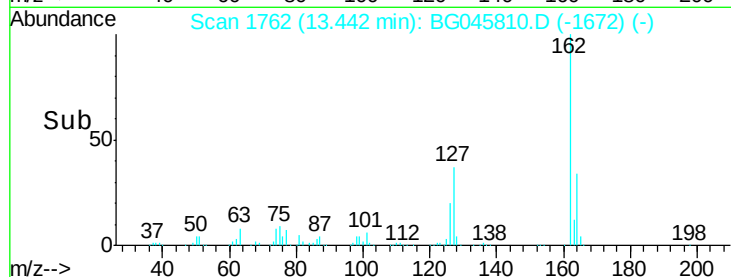
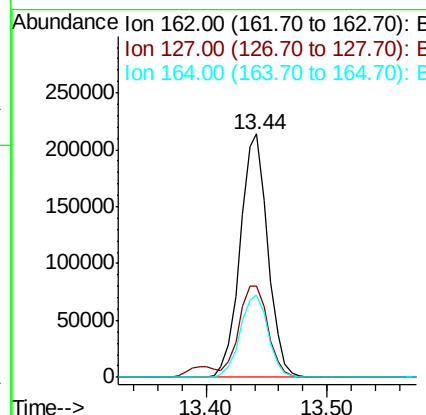
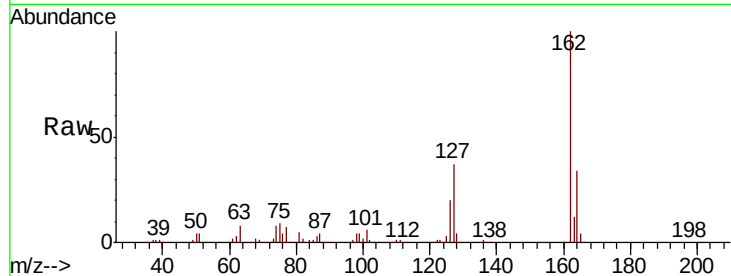




#47
2-Chloronaphthalene
Concen: 42.577 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

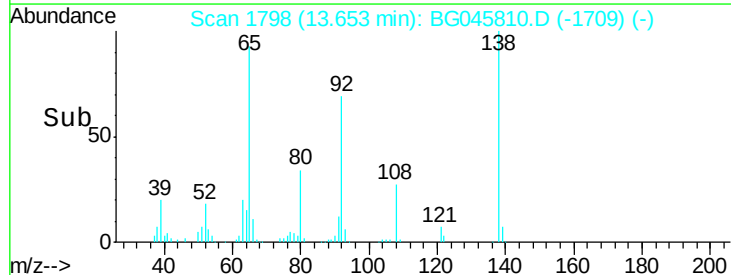
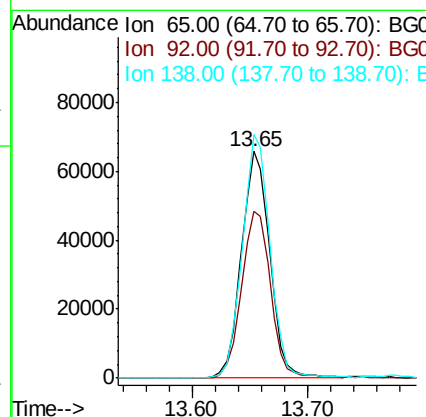
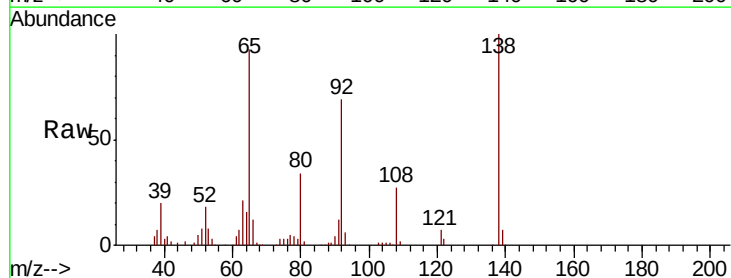
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

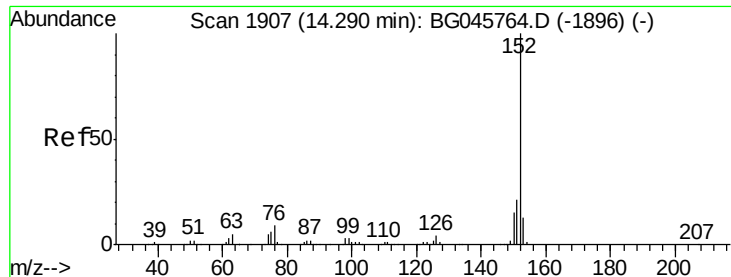
Tot Ion:162 Resp: 341118
Ion Ratio Lower Upper
162 100
127 37.3 30.5 45.7
164 33.7 27.2 40.8



#48
2-Nitroaniline
Concen: 42.093 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion: 65 Resp: 112179
Ion Ratio Lower Upper
65 100
92 73.7 59.0 88.6
138 107.3 83.6 125.4





#49

Acenaphthylene

Concen: 43.249 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

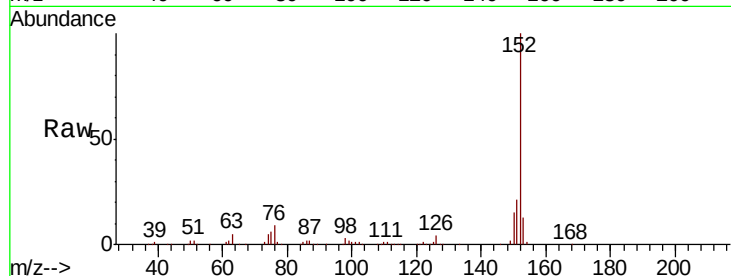
Tot Ion:152 Resp: 555012

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.4

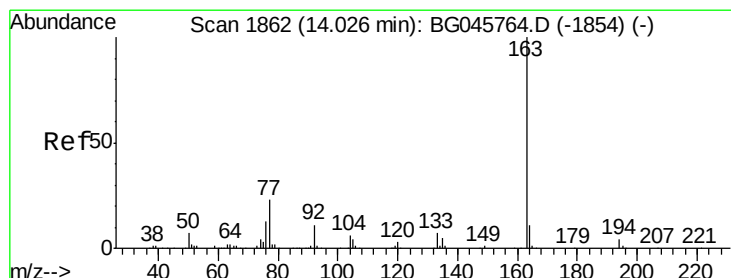
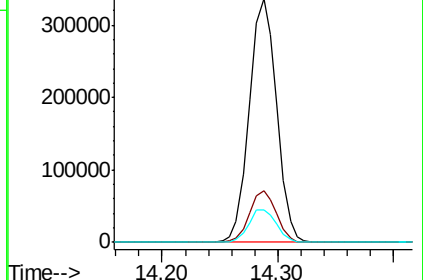
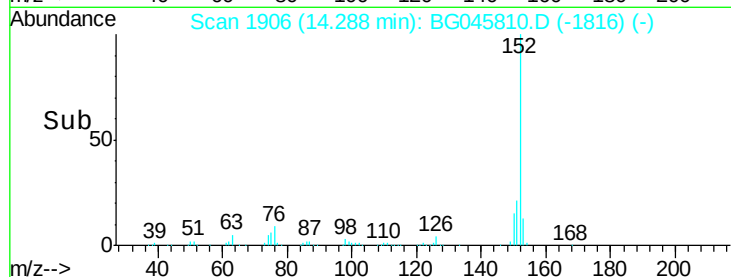
153 13.5 10.6 15.8



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: 43.132 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

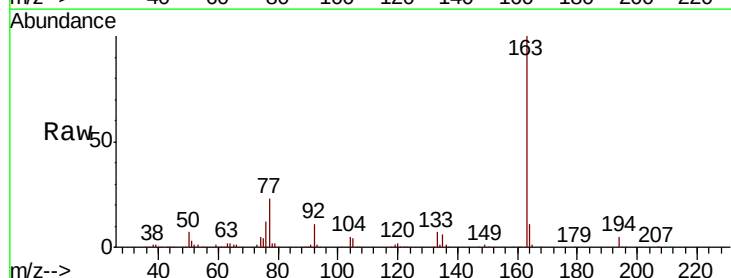
Tgt Ion:163 Resp: 468094

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

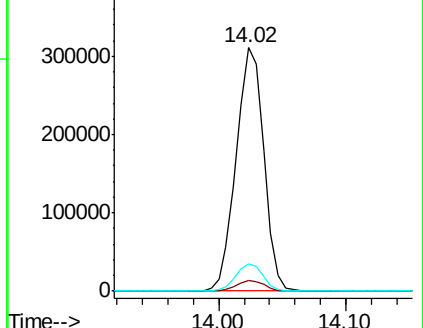
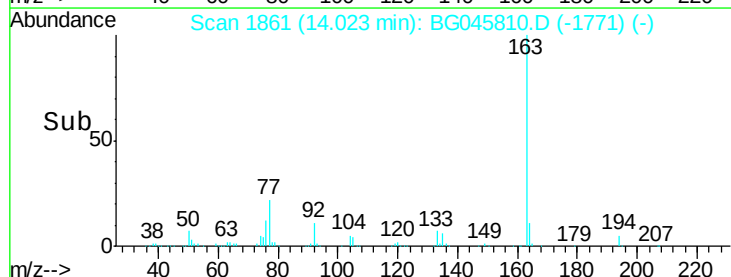
164 11.2 8.9 13.3

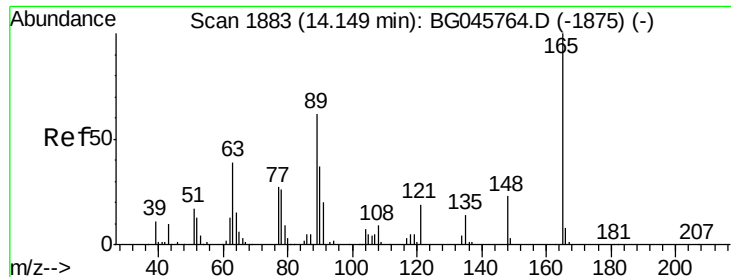


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.762 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

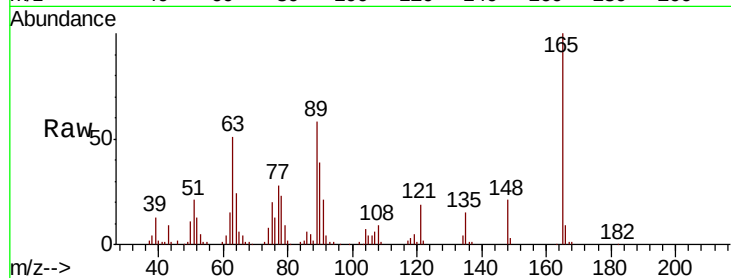
Tot Ion:165 Resp: 106672

Ion Ratio Lower Upper

165 100

63 51.1 41.2 61.8

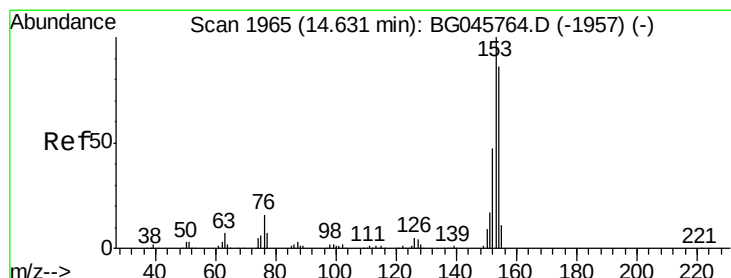
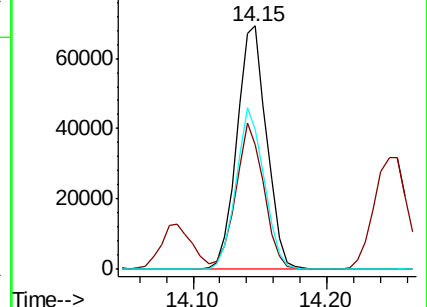
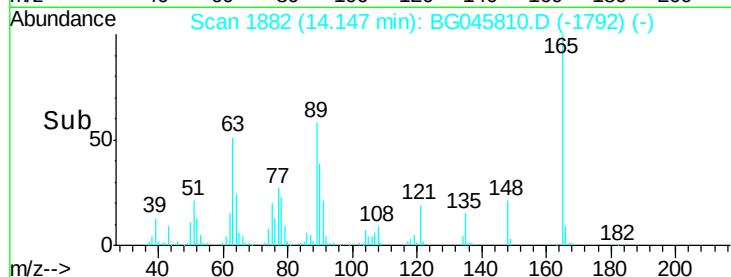
89 57.6 49.7 74.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.858 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

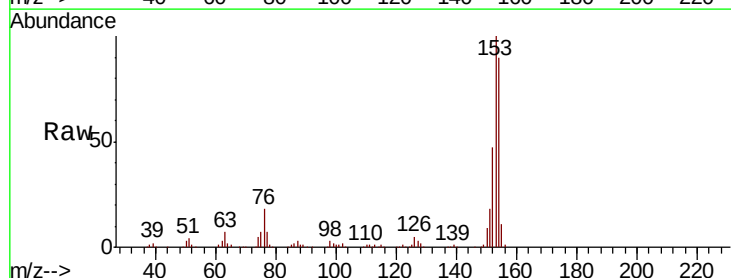
Tgt Ion:154 Resp: 333381

Ion Ratio Lower Upper

154 100

153 110.6 93.0 139.4

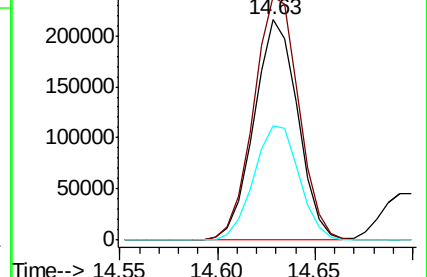
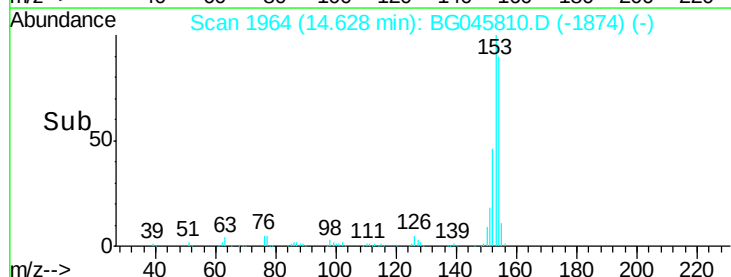
152 51.7 43.7 65.5

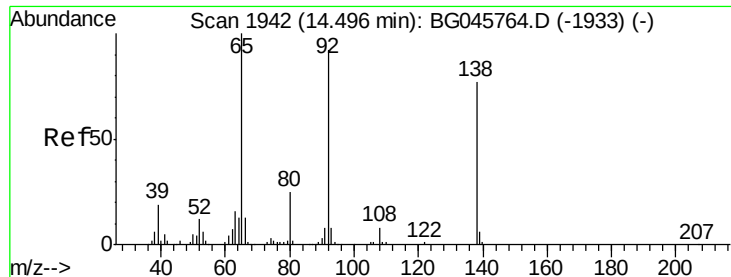


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 34.696 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

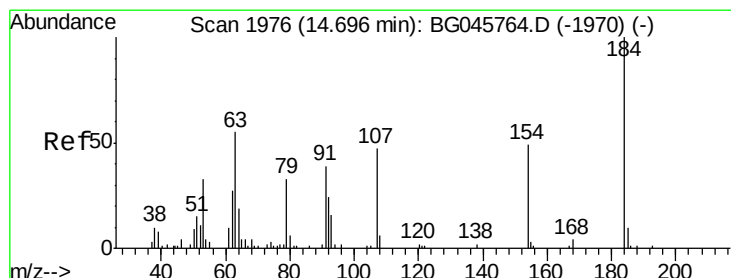
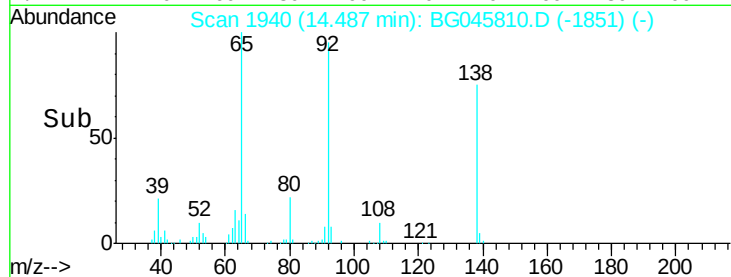
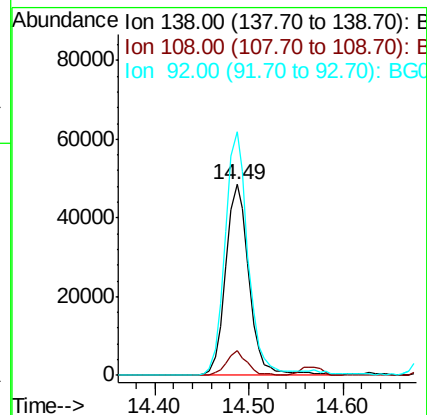
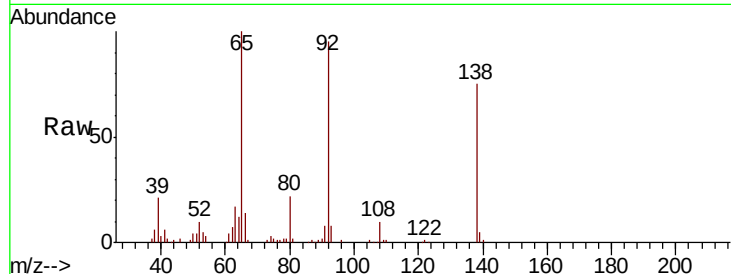
Tot Ion:138 Resp: 84475

Ion Ratio Lower Upper

138 100

108 12.8 8.4 12.6#

92 127.7 95.6 143.4



#54

2,4-Dinitrophenol

Concen: 91.313 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

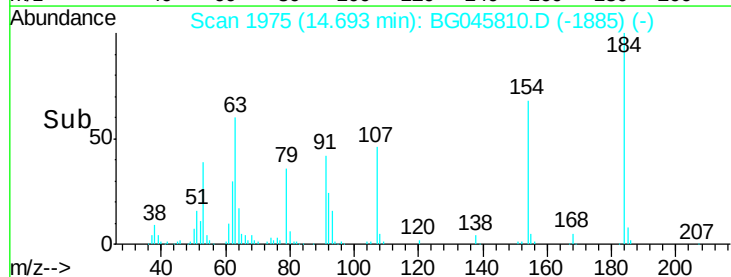
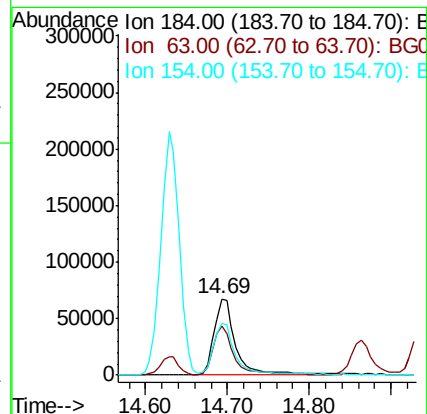
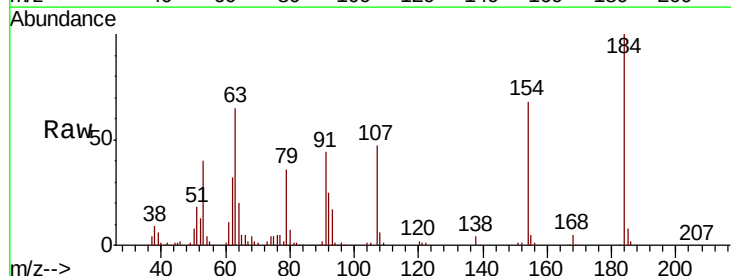
Tgt Ion:184 Resp: 125946

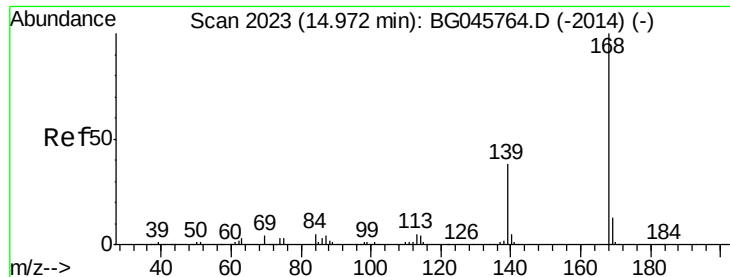
Ion Ratio Lower Upper

184 100

63 65.1 46.6 70.0

154 68.1 58.6 87.8

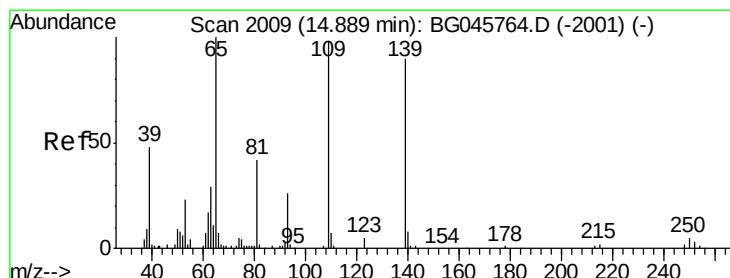
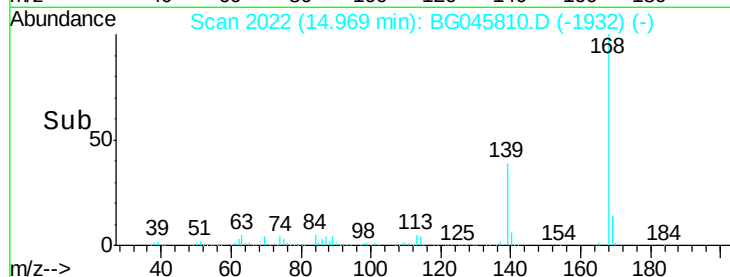
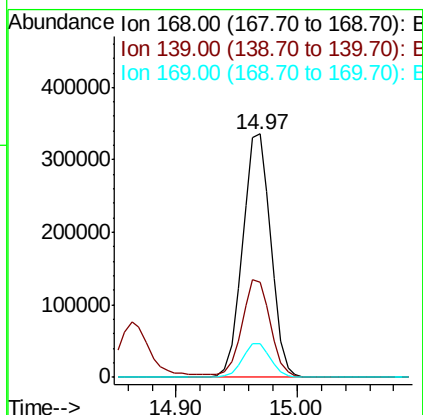
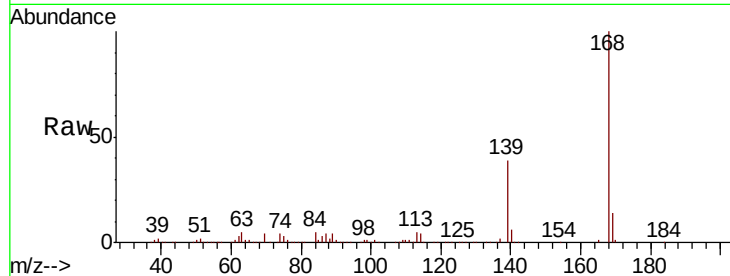




#55
Dibenzenofuran
Concen: 43.242 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

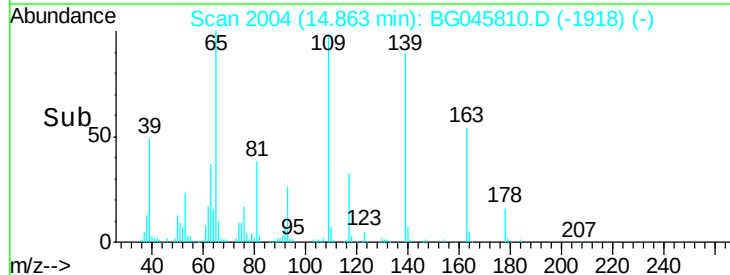
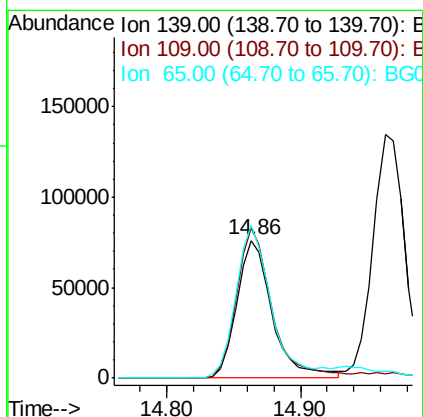
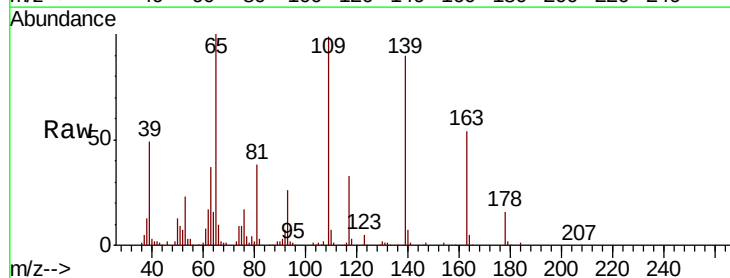
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

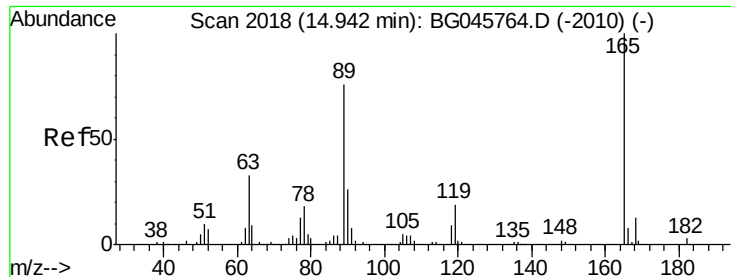
Tot Ion:168 Resp: 546421
Ion Ratio Lower Upper
168 100
139 39.1 31.8 47.6
169 14.1 10.4 15.6



#56
4-Nitrophenol
Concen: 80.410 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:139 Resp: 140303
Ion Ratio Lower Upper
139 100
109 109.5 88.9 128.9
65 110.6 92.3 132.3

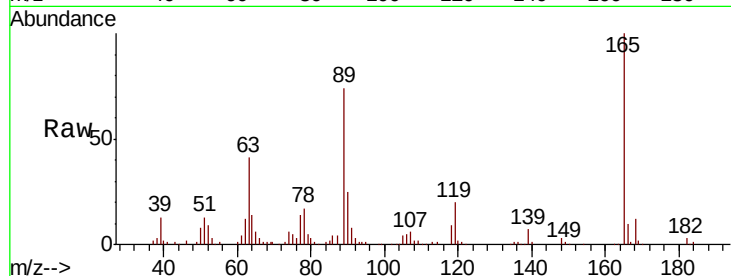




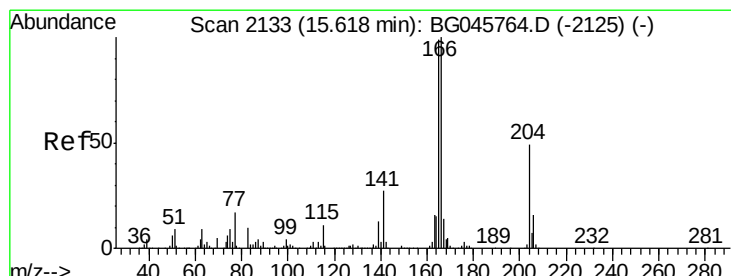
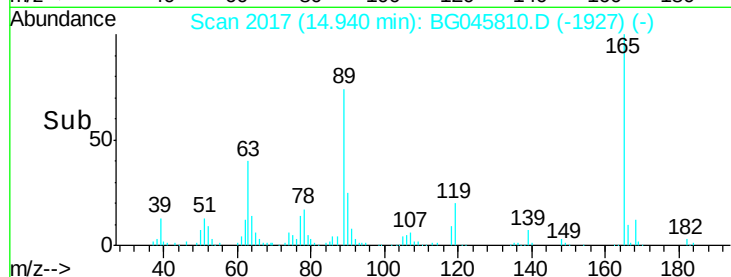
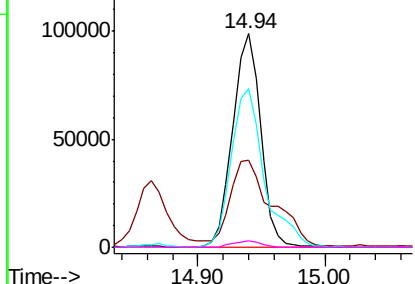
#57
2,4-Dinitrotoluene
Concen: 43.230 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion:165	Resp:	150978
Ion	Ratio	Lower Upper
165	100	
63	40.7	33.8 50.8
89	74.3	60.4 90.6
182	2.8	2.6 3.8

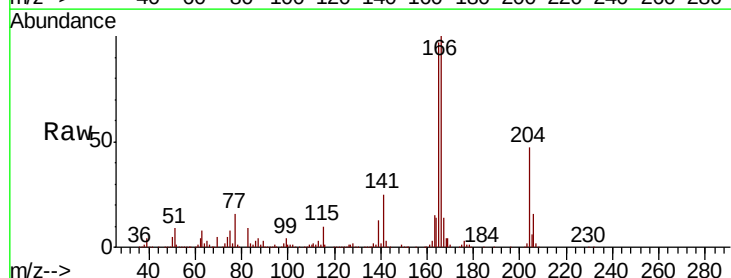


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

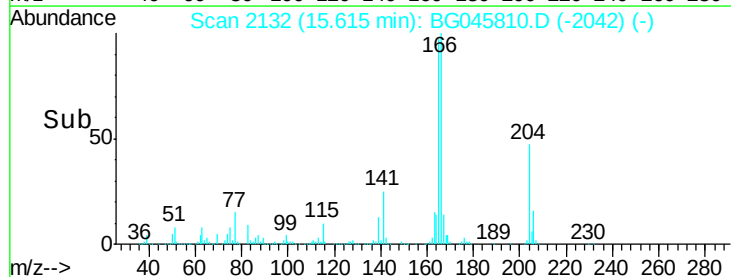
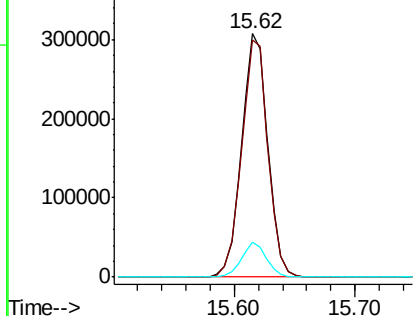


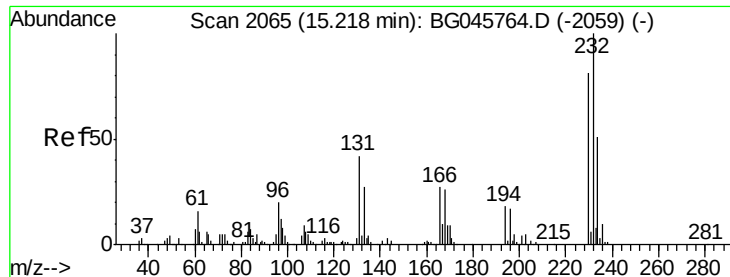
#58
Fluorene
Concen: 44.137 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:166	Resp:	463774
Ion	Ratio	Lower Upper
166	100	
165	97.3	79.1 118.7
167	14.2	11.5 17.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.913 ng

RT: 15.22 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

Tot Ion:232 Resp: 137404

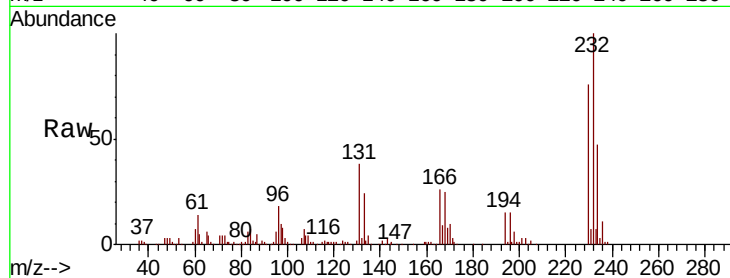
Ion Ratio Lower Upper

232 100

131 40.9 32.2 48.2

130 2.7 2.2 3.4

166 28.2 21.3 31.9

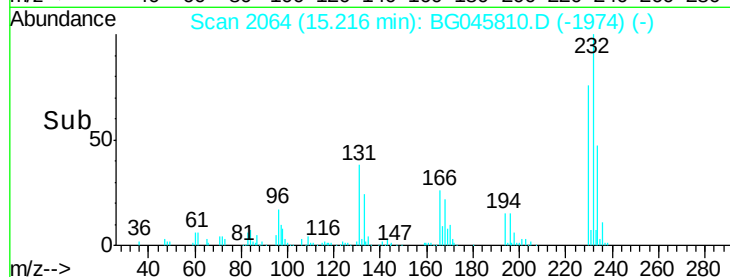


Abundance Ion 232.00 (231.70 to 232.70): E

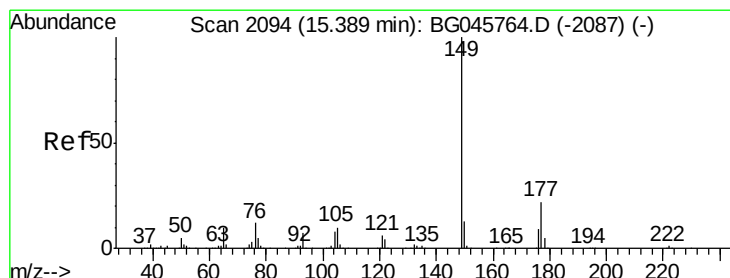
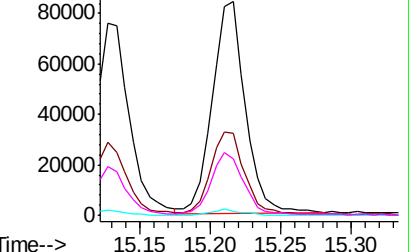
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 43.452 ng

RT: 15.39 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

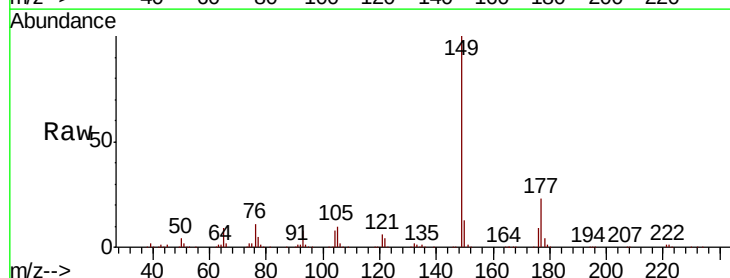
Tgt Ion:149 Resp: 482078

Ion Ratio Lower Upper

149 100

177 23.3 17.2 25.8

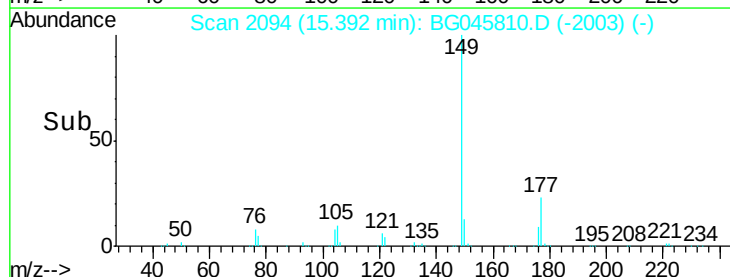
150 12.8 10.7 16.1



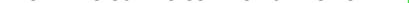
Abundance Ion 149.00 (148.70 to 149.70): E

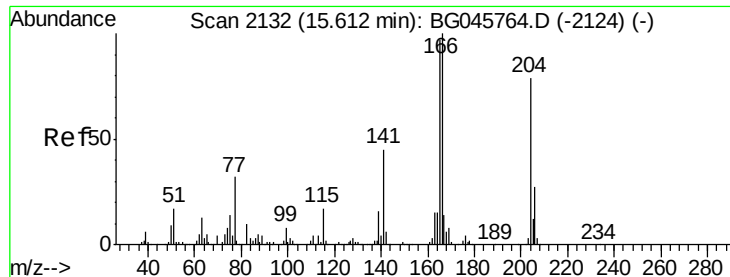
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

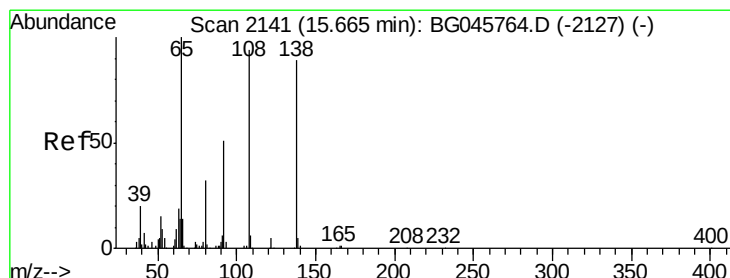
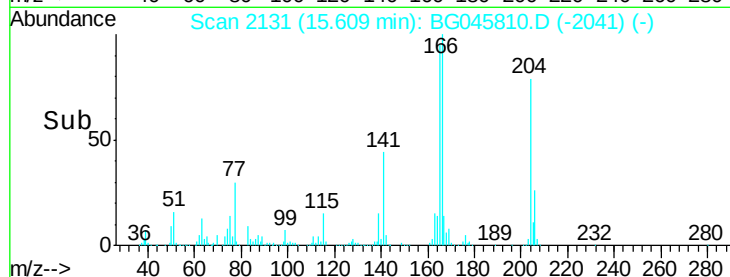
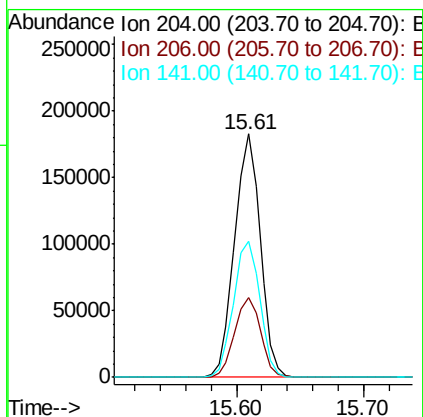
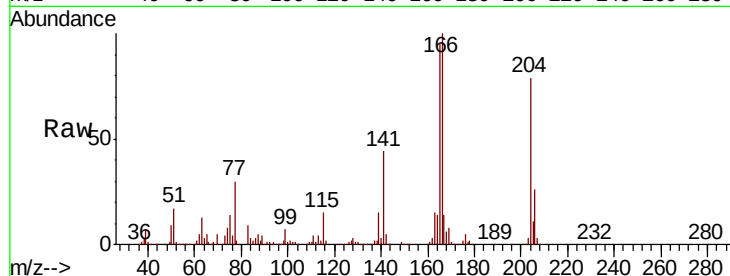




#61
4-Chlorophenyl-phenylether
Concen: 42.231 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

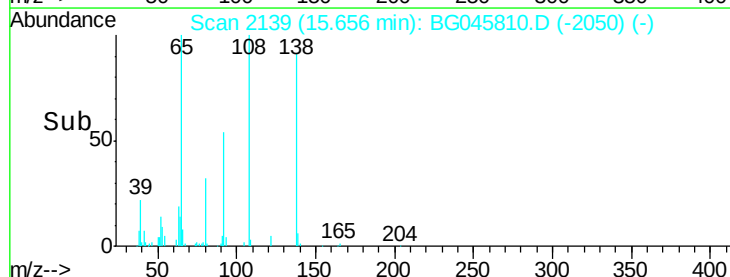
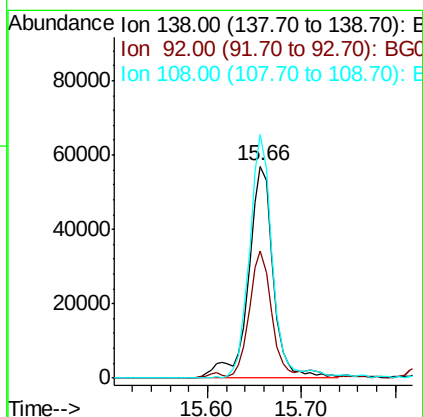
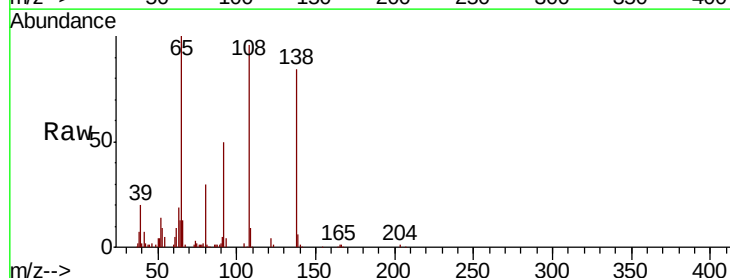
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

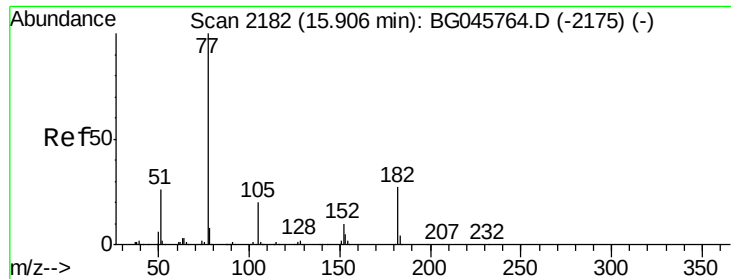
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	27.2	40.8
141	56.0	45.9	68.9



#62
4-Nitroaniline
Concen: 41.951 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.9	37.3	77.3
108	114.7	85.0	125.0

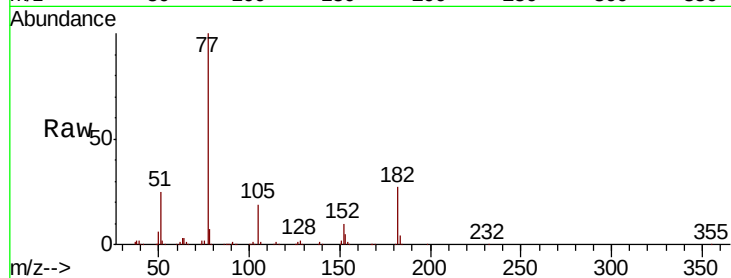




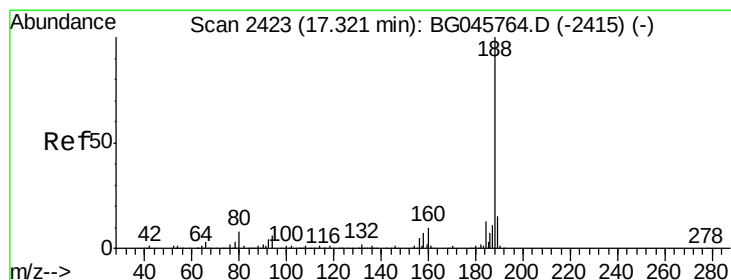
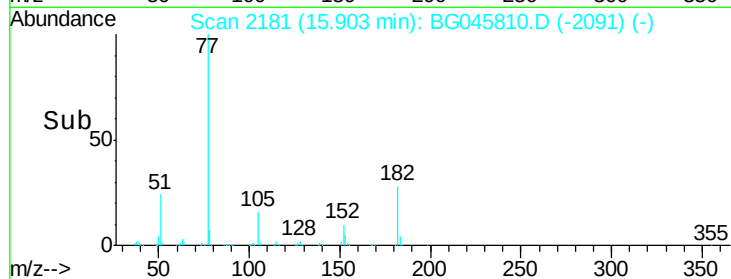
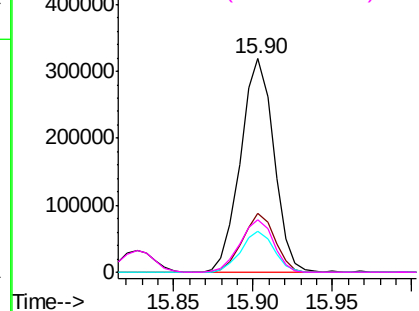
#63
Azobenzene
Concen: 43.508 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion:	77	Resp:	463476
Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.4	47.4
105	19.4	0.1	40.1
51	24.6	5.7	45.7

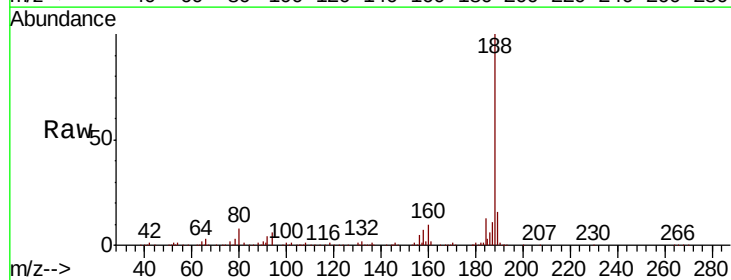


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

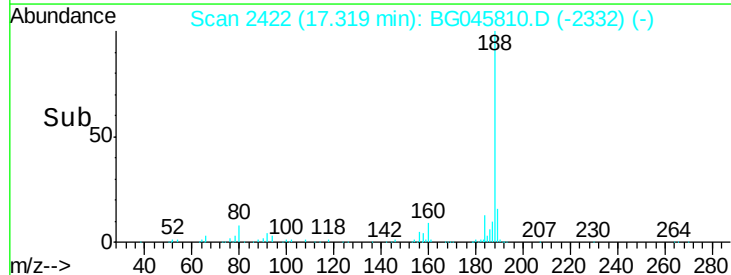
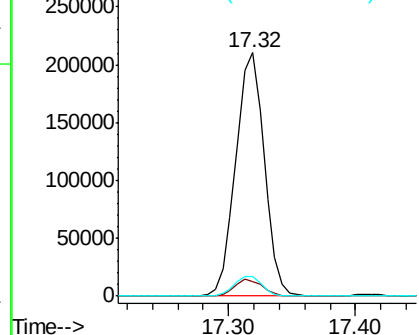


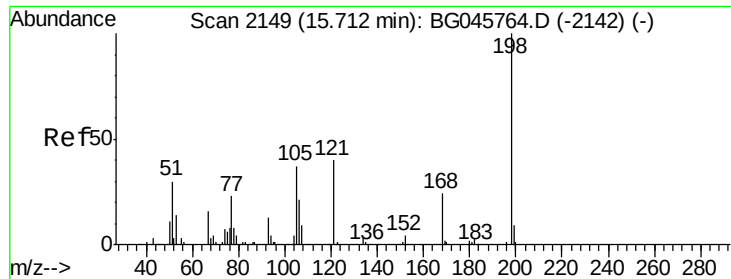
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:	188	Resp:	328141
Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.1	7.7
80	8.1	6.2	9.4



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.866 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

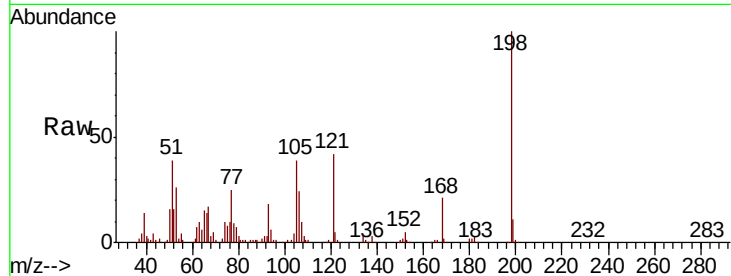
BNA_G

ClientSampleId :

PB129631BSD

Tot Ion:198 Resp: 97067

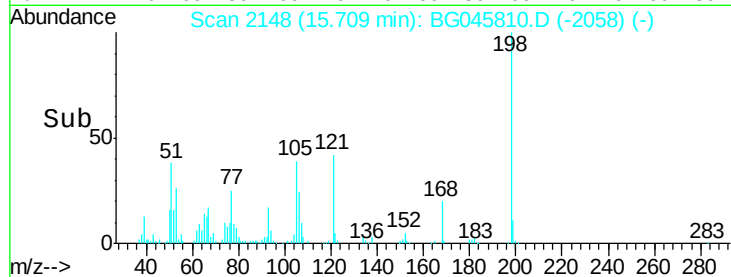
Ion	Ratio	Lower	Upper
198	100		
51	38.5	14.6	54.6
105	39.3	18.4	58.4



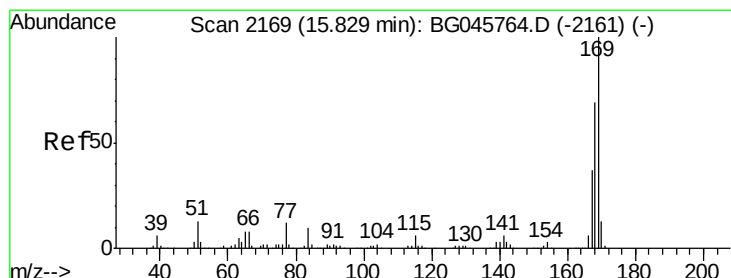
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time--> 15.60 15.70 15.80



#66

n-Nitrosodiphenylamine

Concen: 43.152 ng

RT: 15.83 min Scan# 2168

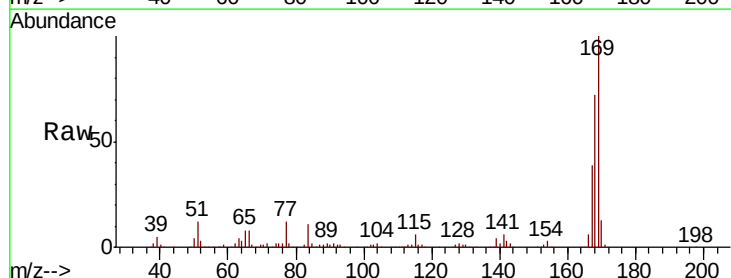
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:169 Resp: 401070

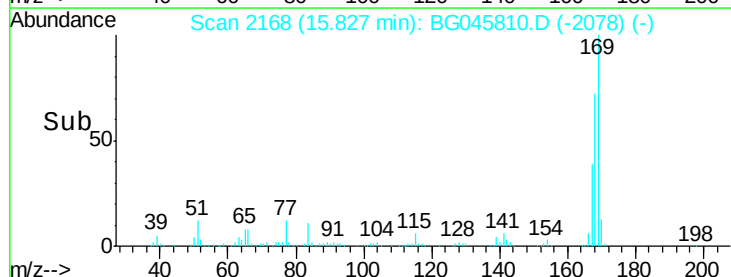
Ion	Ratio	Lower	Upper
169	100		
168	72.2	55.2	82.8
167	39.4	29.8	44.6



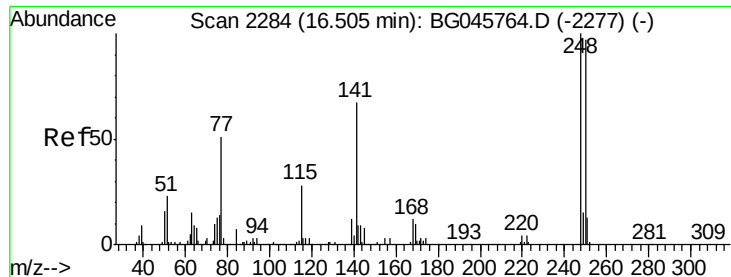
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.80 15.90



#67

4-Bromophenyl-phenylether

Concen: 41.211 ng

RT: 16.50 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

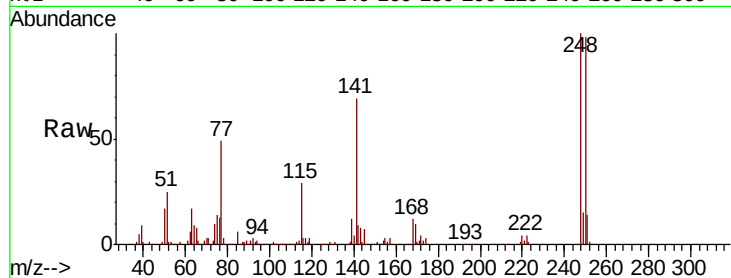
Tot Ion:248 Resp: 175712

Ion Ratio Lower Upper

248 100

250 98.3 78.0 117.0

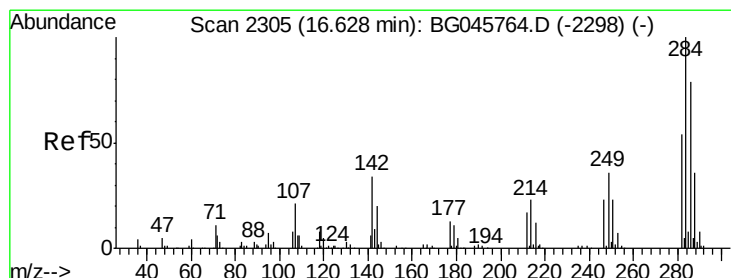
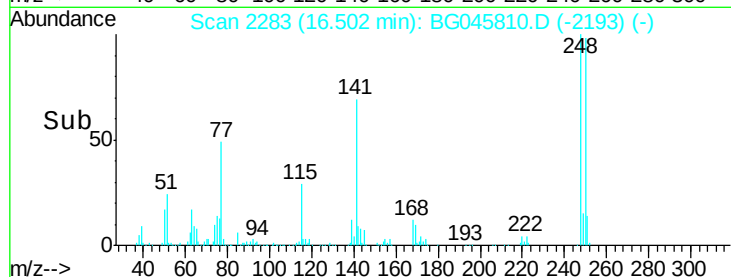
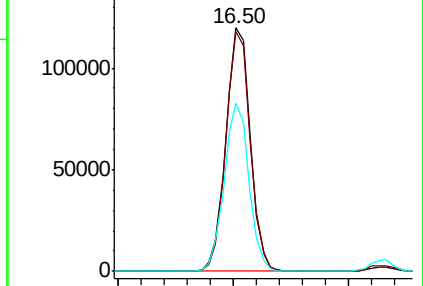
141 69.2 53.9 80.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.783 ng

RT: 16.63 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

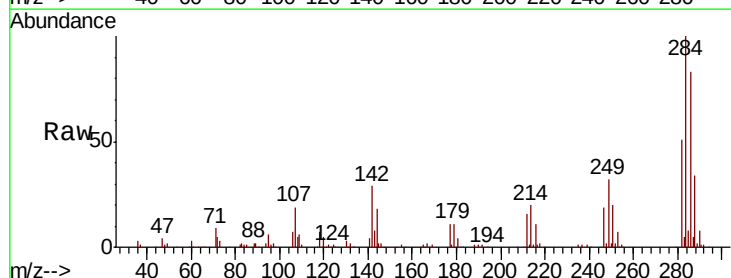
Tgt Ion:284 Resp: 193578

Ion Ratio Lower Upper

284 100

142 28.7 26.9 40.3

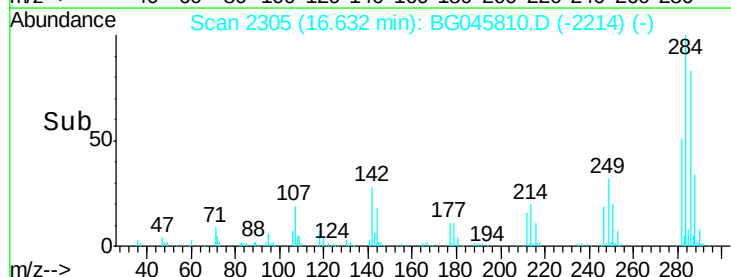
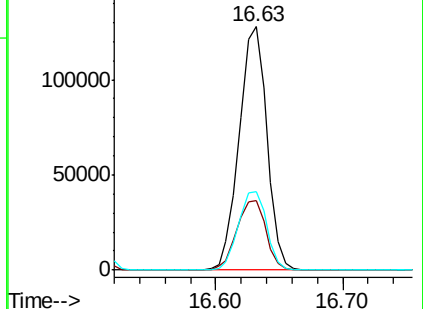
249 32.3 28.6 42.8

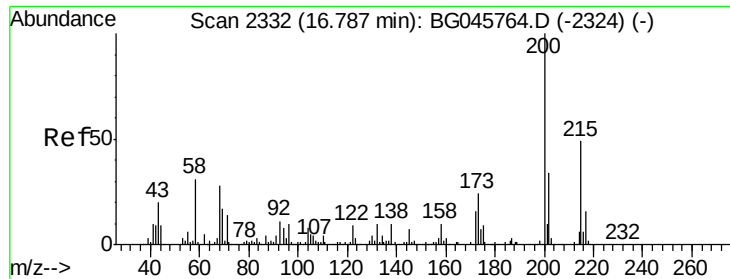


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.263 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

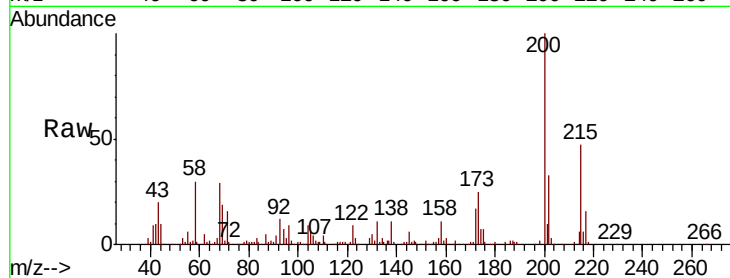
Tot Ion:200 Resp: 156030

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

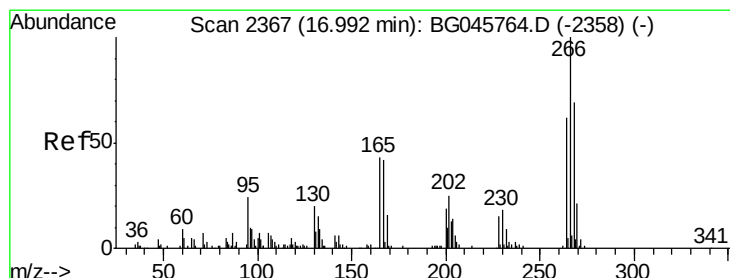
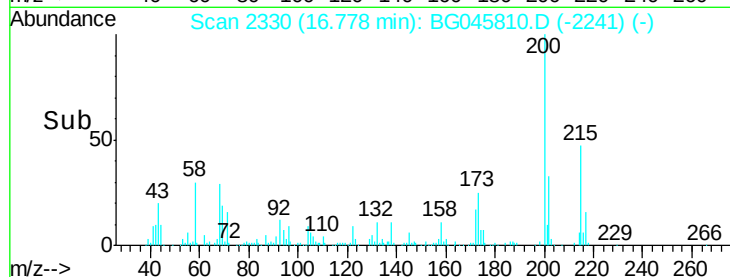
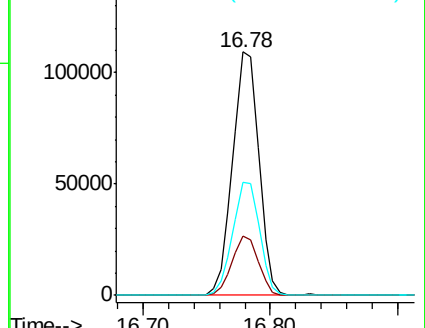
215 46.7 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.099 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

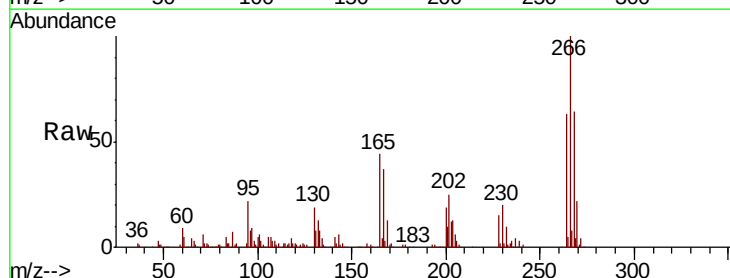
Tgt Ion:266 Resp: 181908

Ion Ratio Lower Upper

266 100

268 64.1 55.4 83.0

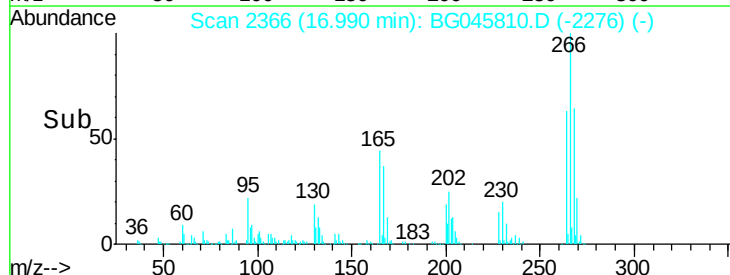
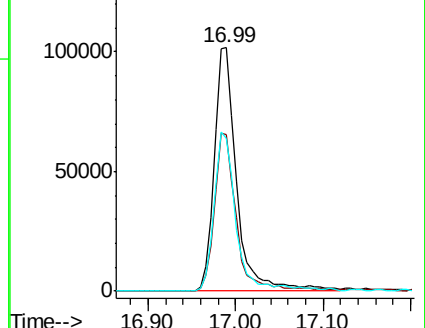
264 62.9 49.8 74.6

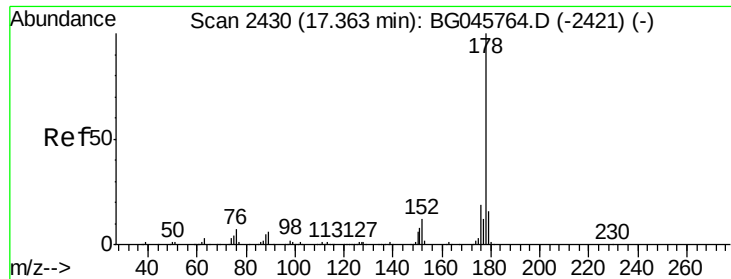


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

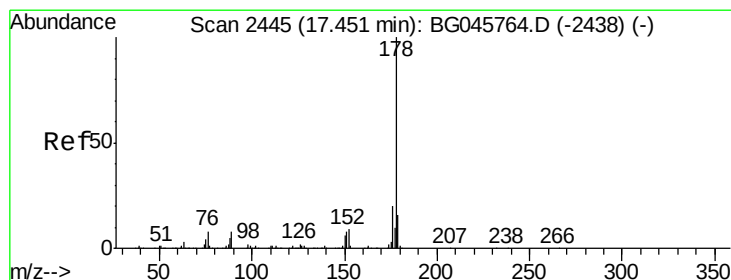
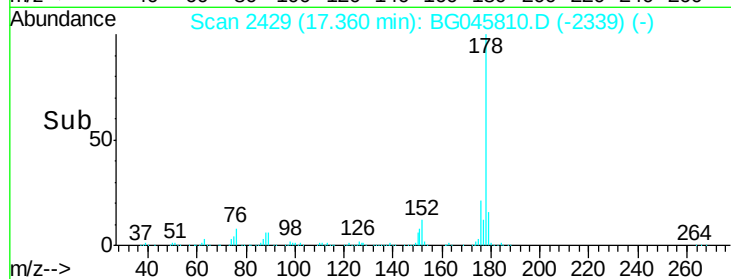
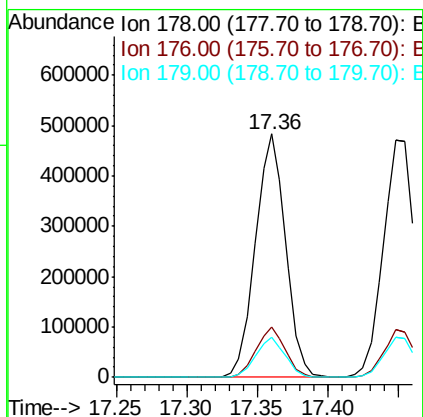
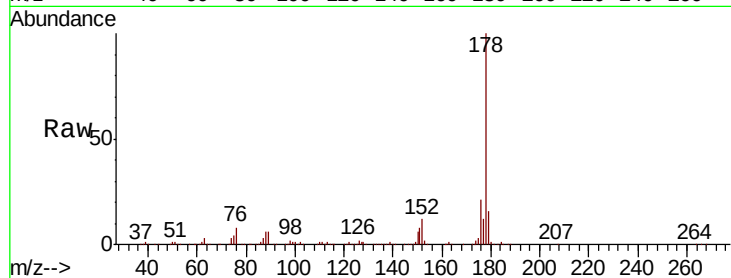




#71
Phenanthrene
Concen: 42.913 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

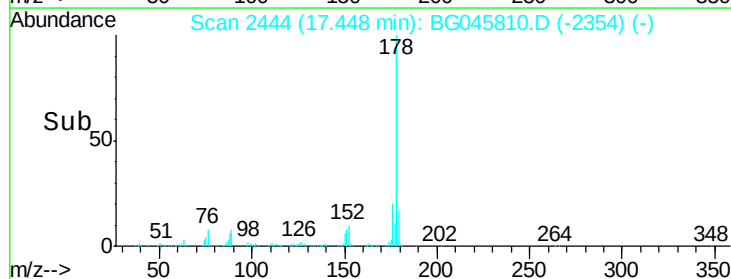
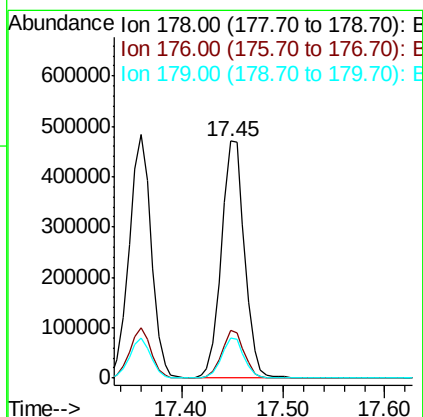
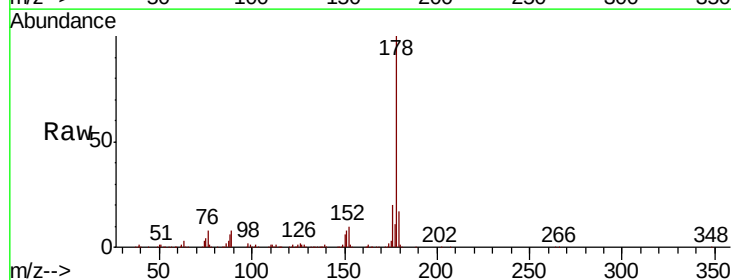
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

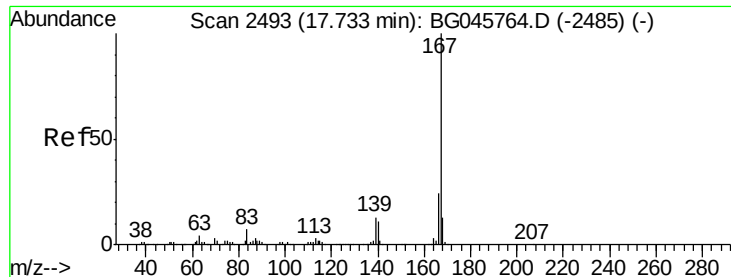
Tot Ion:178 Resp: 726238
Ion Ratio Lower Upper
178 100
176 20.6 15.5 23.3
179 16.4 13.2 19.8



#72
Anthracene
Concen: 44.170 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:178 Resp: 744368
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 17.1 13.1 19.7

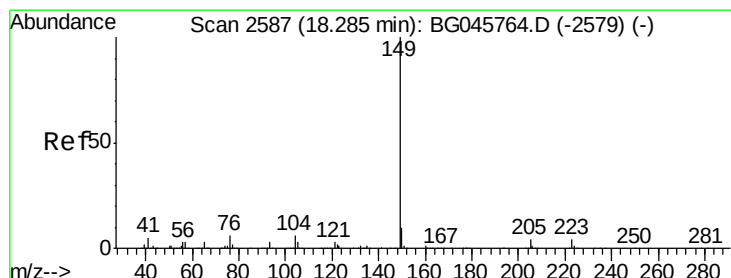
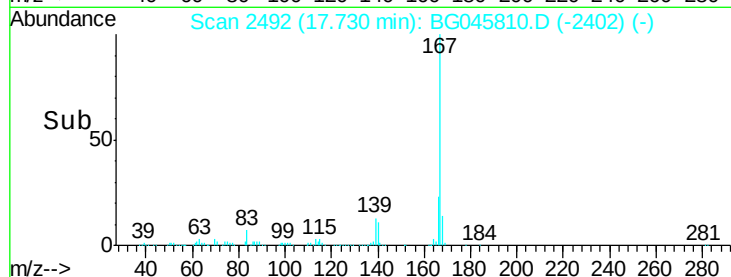
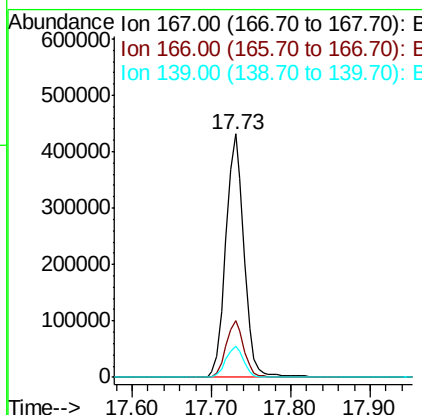
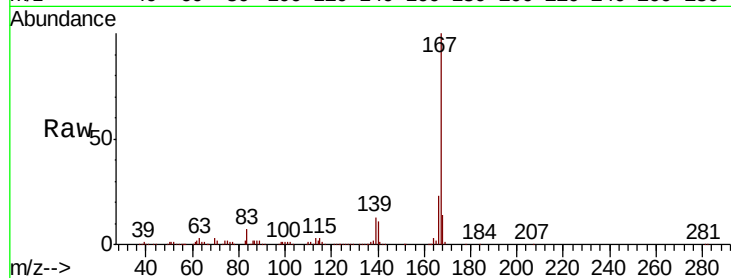




#73
 Carbazole
 Concen: 42.687 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

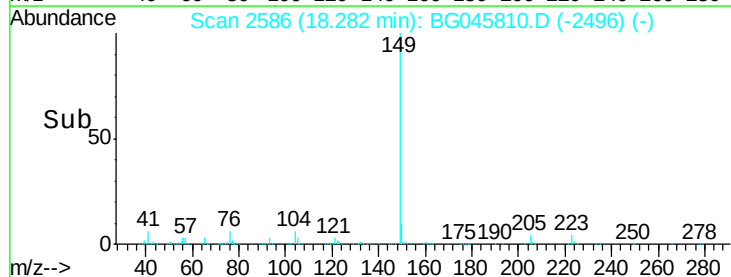
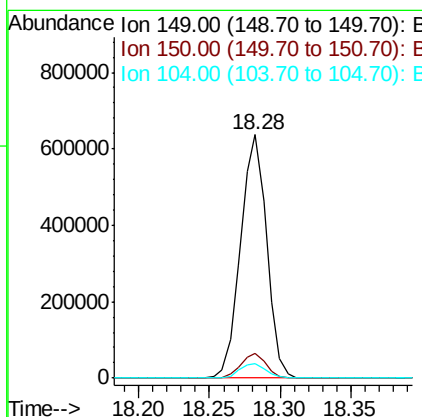
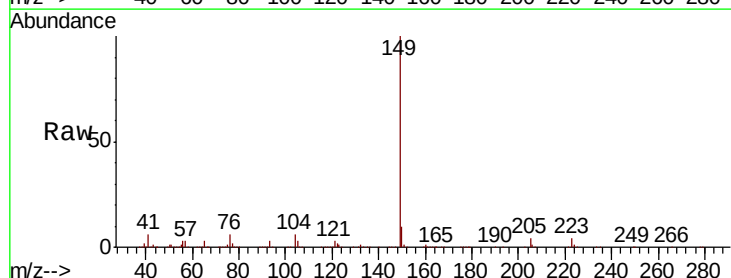
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

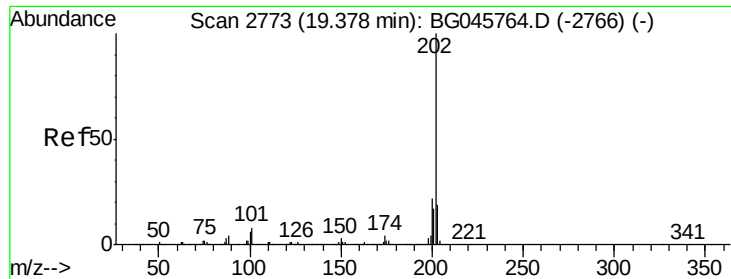
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.9	28.3
139	12.9	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 43.192 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.1	5.1	7.7





#75

Fluoranthene

Concen: 44.433 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

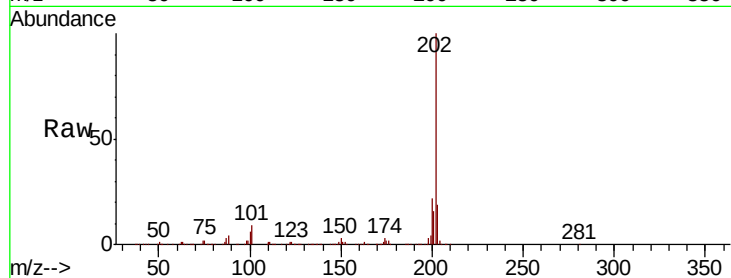
Tot Ion:202 Resp: 924655

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.7

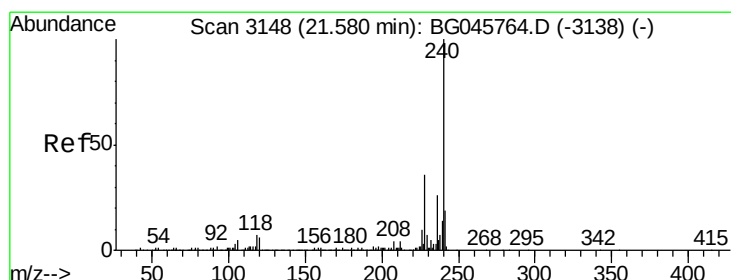
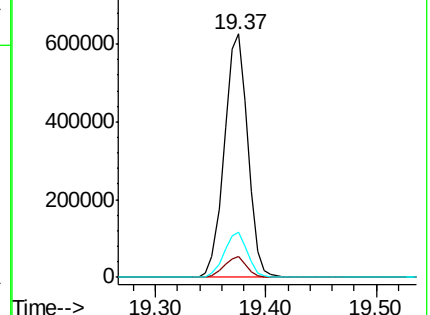
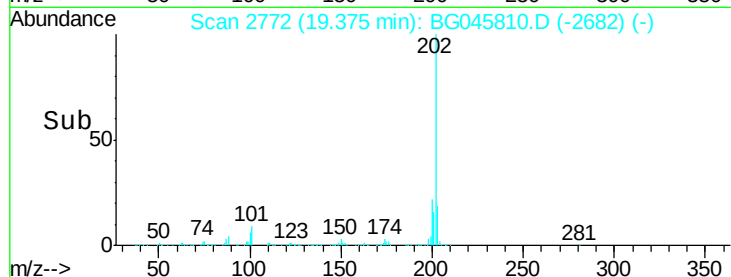
203 18.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

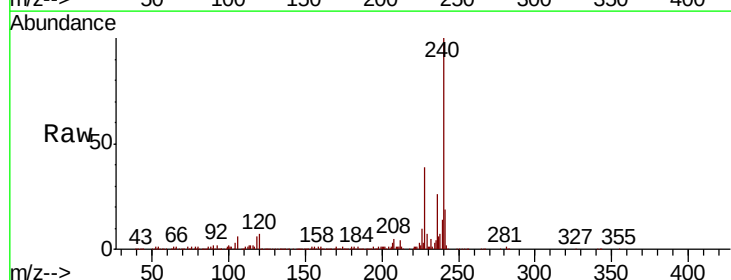
Tgt Ion:240 Resp: 302253

Ion Ratio Lower Upper

240 100

120 6.9 5.0 7.4

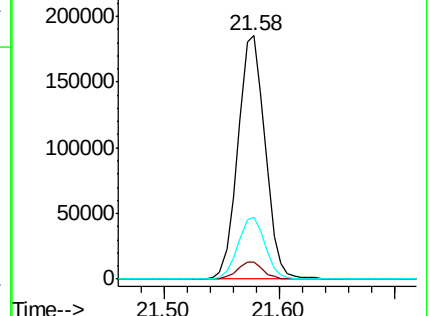
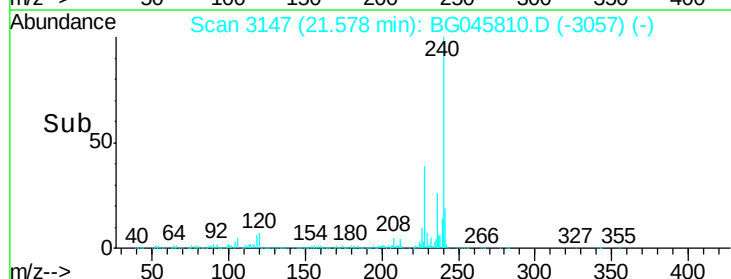
236 25.5 20.6 30.8

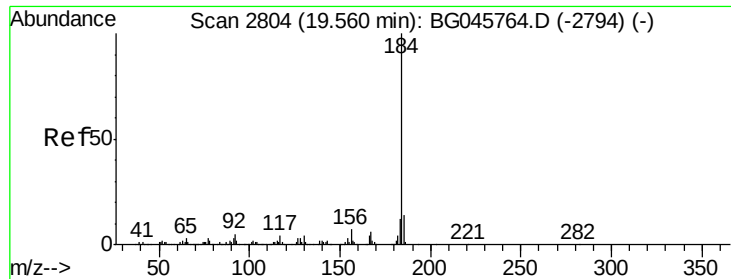


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.970 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

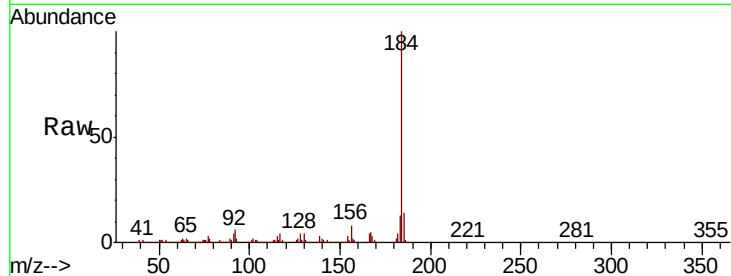
Tot Ion:184 Resp: 549799

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

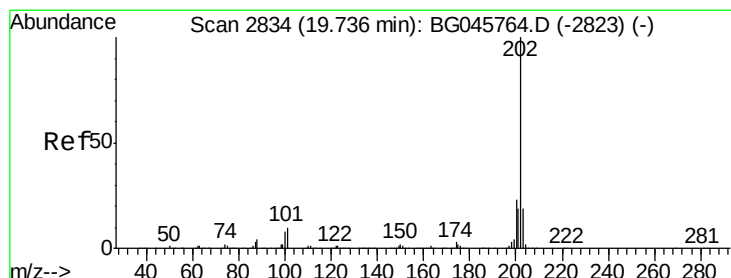
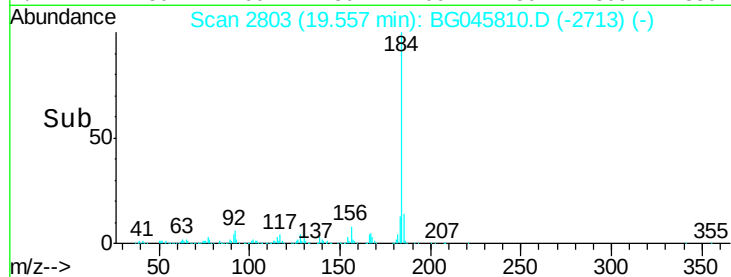
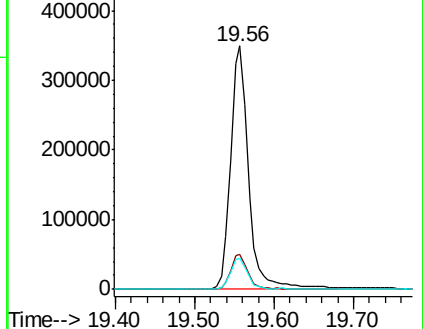
183 12.6 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.876 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

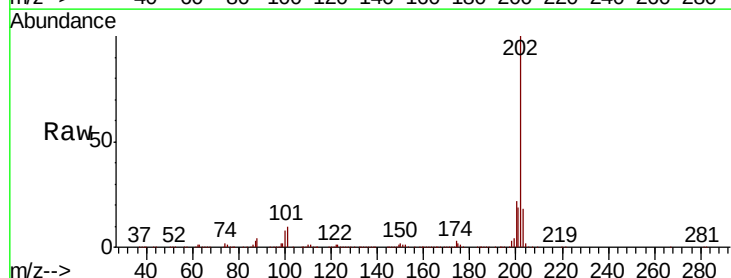
Tgt Ion:202 Resp: 908294

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.2

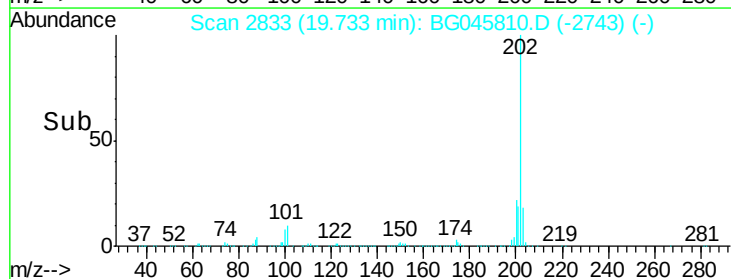
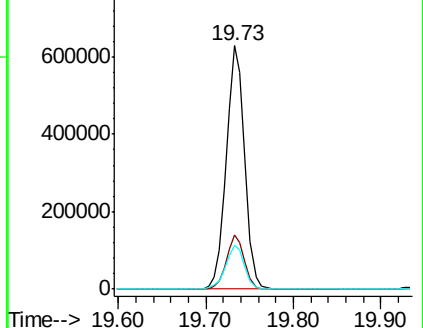
203 18.1 14.8 22.2

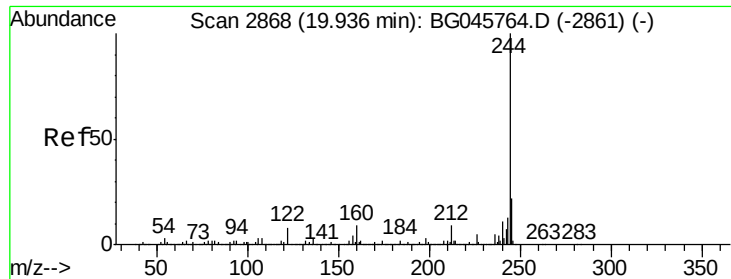


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.598 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

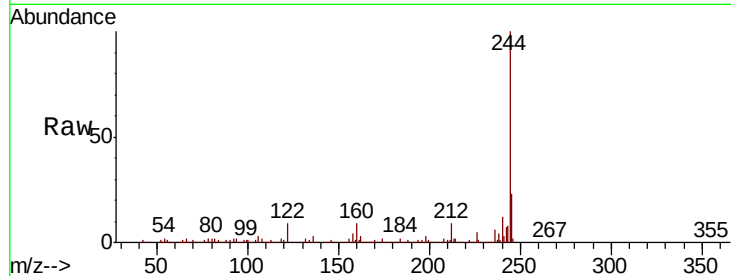
Tot Ion:244 Resp: 1425778

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

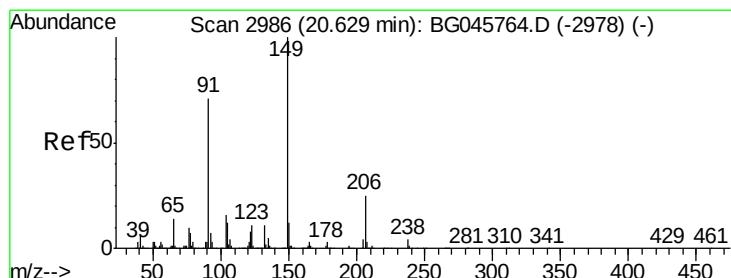
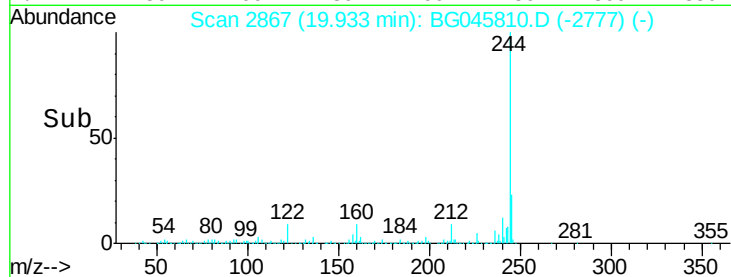
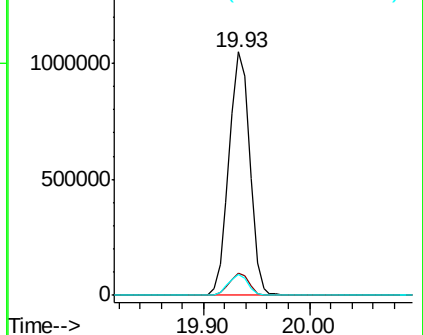
122 8.7 6.4 9.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.076 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

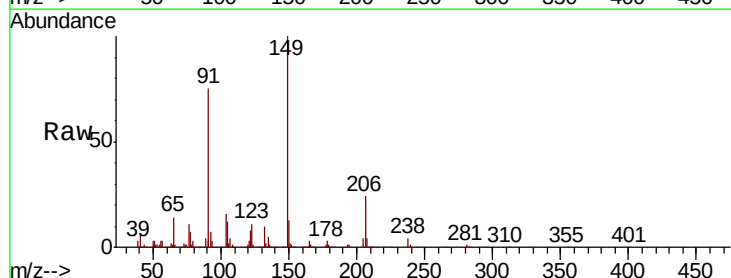
Tgt Ion:149 Resp: 364933

Ion Ratio Lower Upper

149 100

91 75.2 56.4 84.6

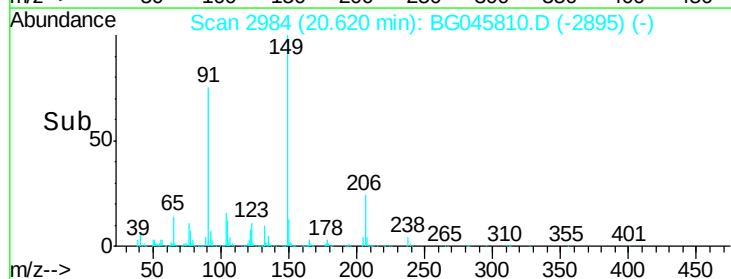
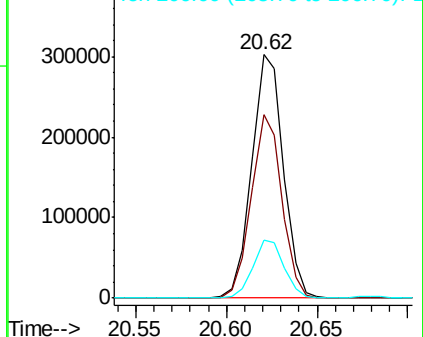
206 24.0 19.8 29.6

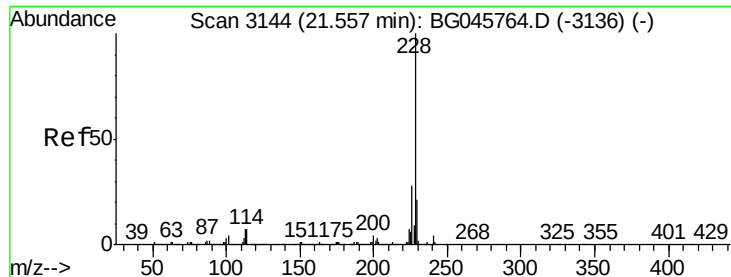


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.147 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

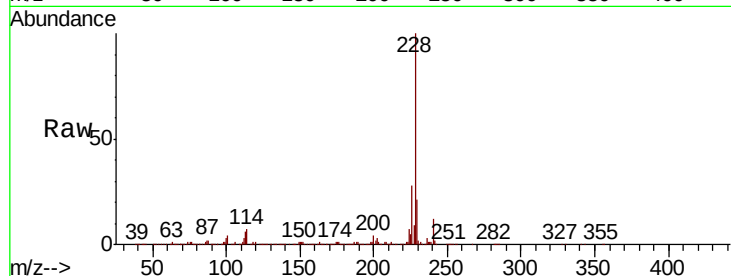
Tot Ion:228 Resp: 845517

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

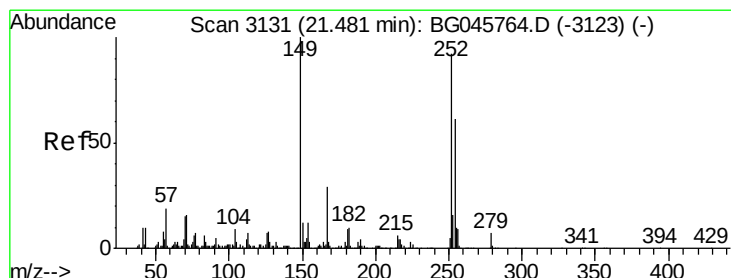
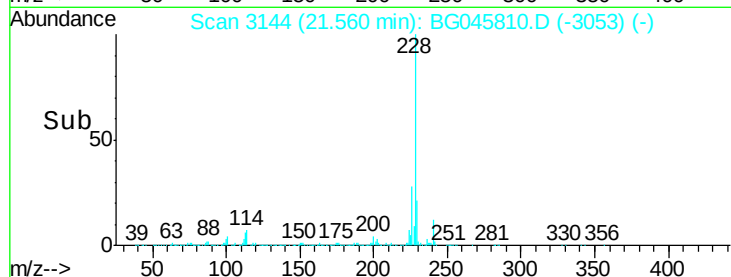
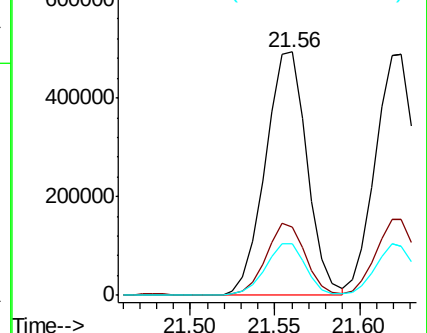
229 21.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.958 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

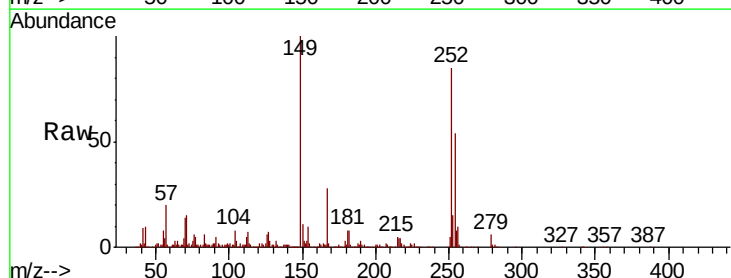
Tgt Ion:252 Resp: 281362

Ion Ratio Lower Upper

252 100

254 63.6 53.4 80.0

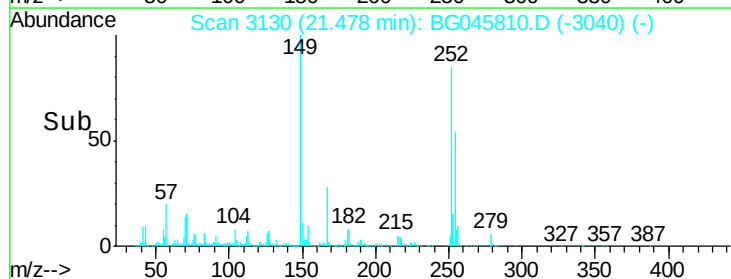
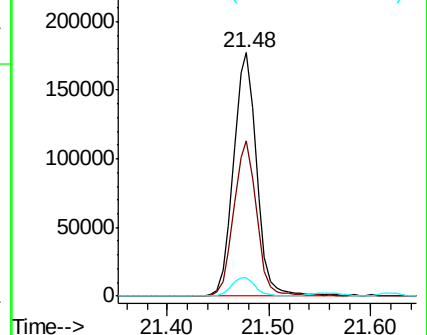
126 7.3 5.8 8.8

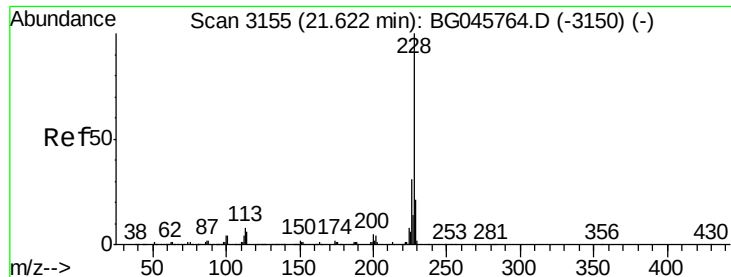


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.074 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampleId :

PB129631BSD

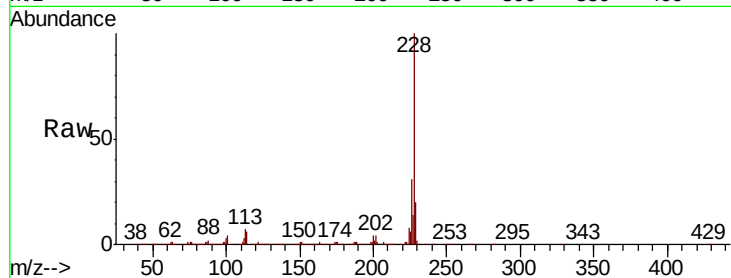
Tot Ion:228 Resp: 816410

Ion Ratio Lower Upper

228 100

226 31.3 25.1 37.7

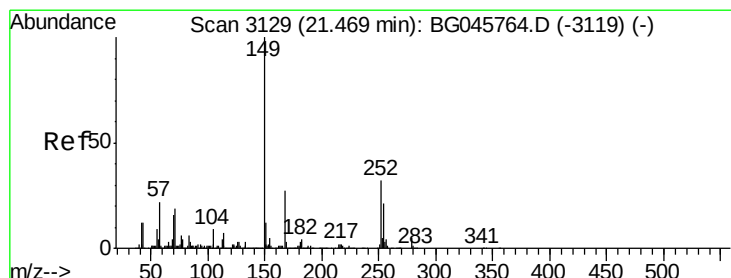
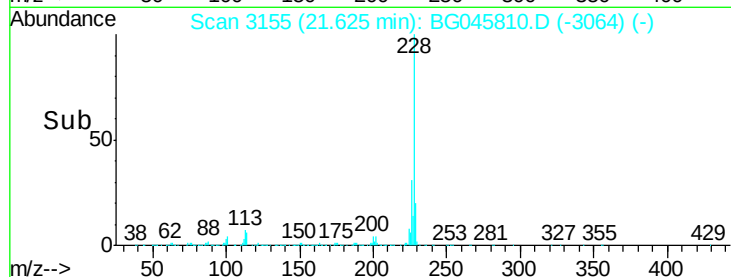
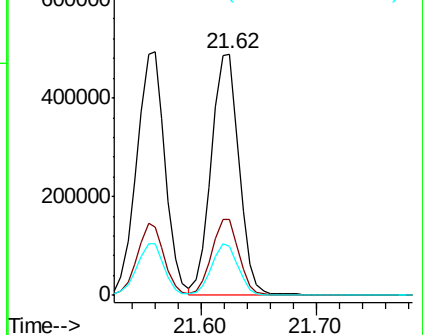
229 20.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.188 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

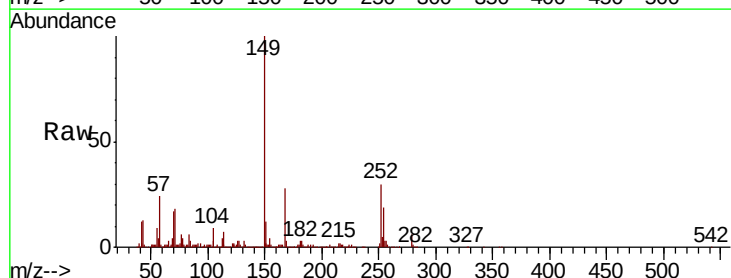
Tgt Ion:149 Resp: 508936

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

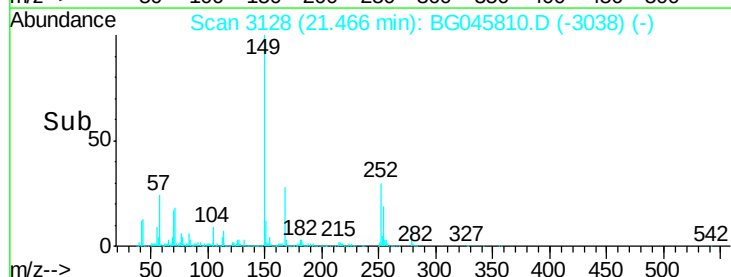
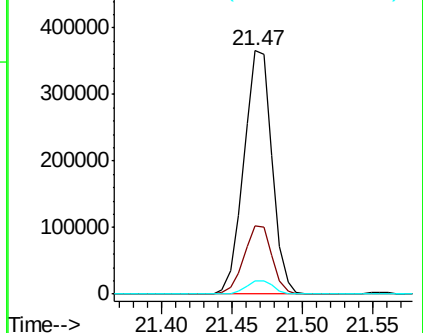
279 5.5 3.7 5.5#

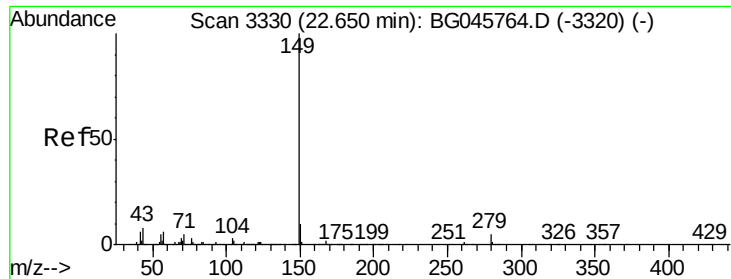


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

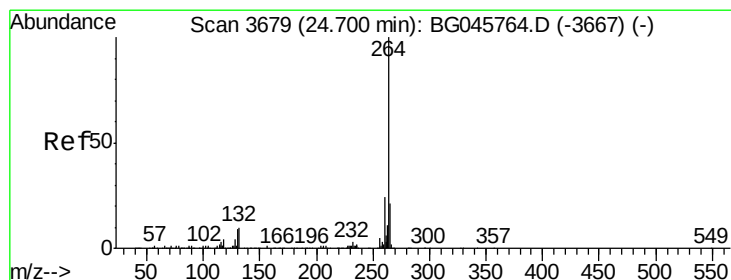
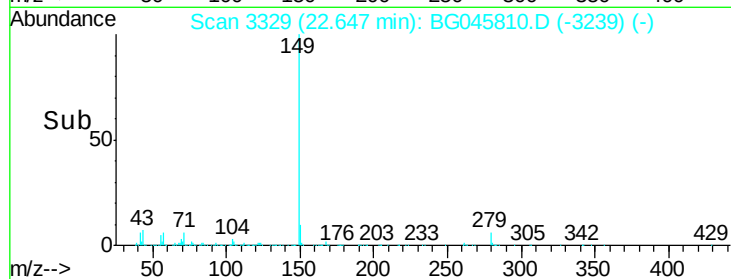
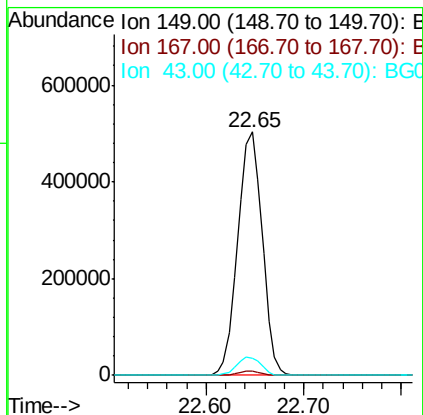
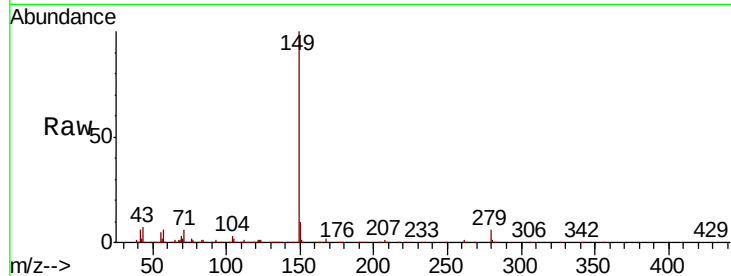




#85
Di-n-octyl phthalate
Concen: 43.209 ng
RT: 22.65 min Scan# 3329
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

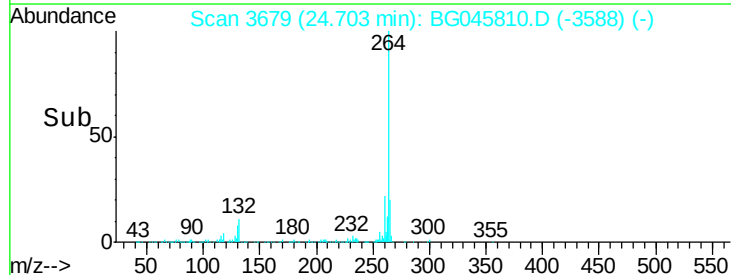
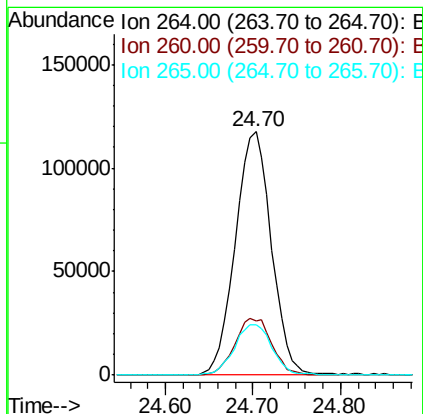
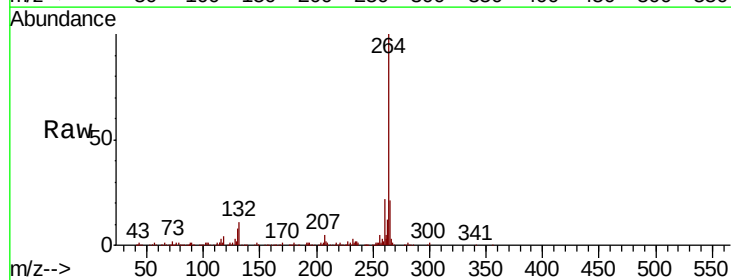
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

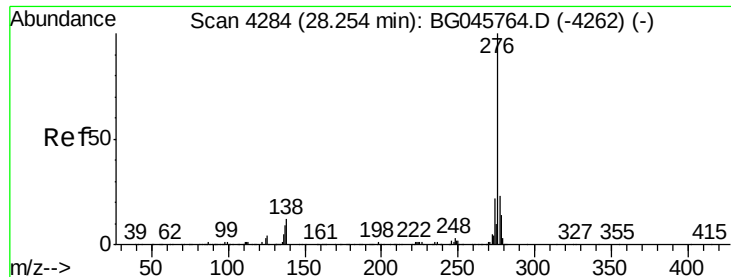
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	5.9	8.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	20.7	17.4	26.0

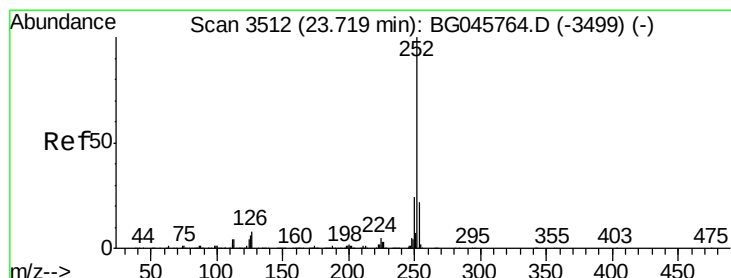
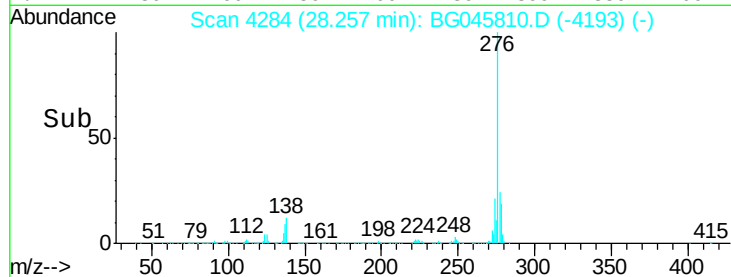
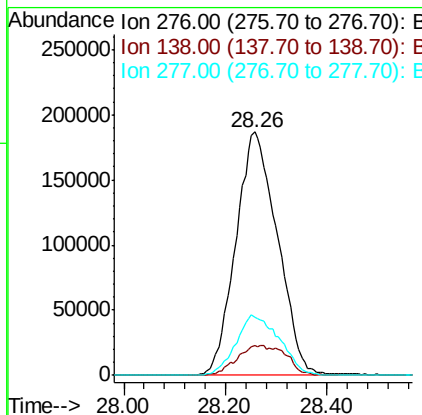
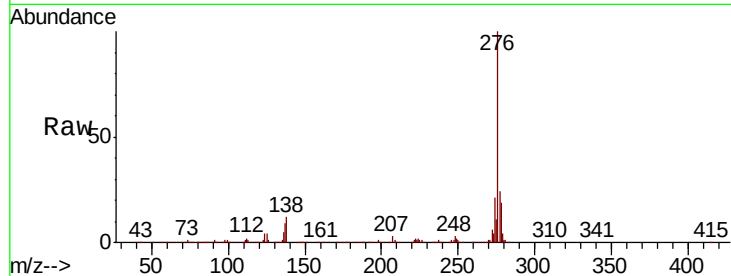




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.821 ng
 RT: 28.26 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

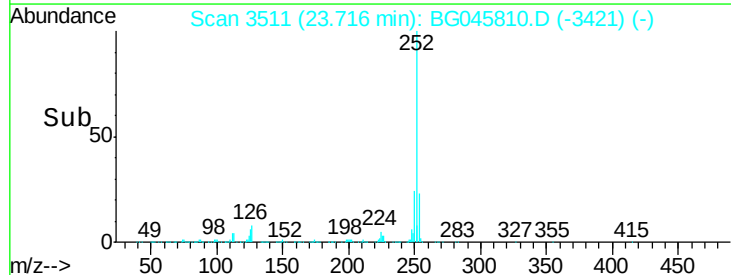
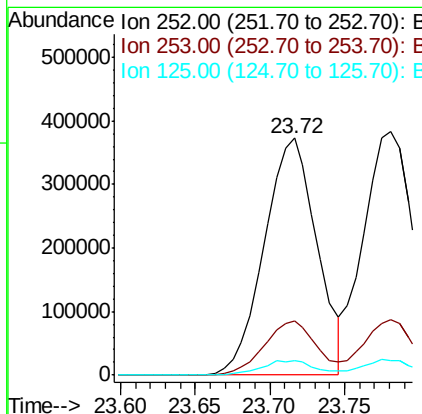
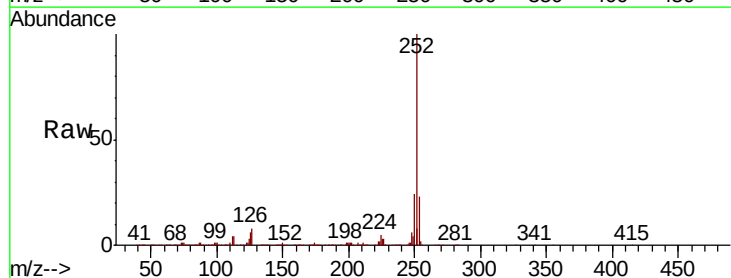
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

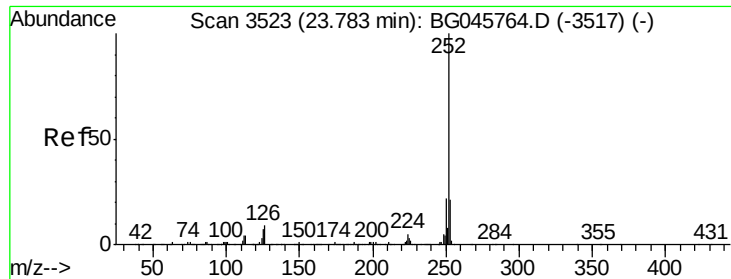
Tot Ion:276 Resp: 1064346
 Ion Ratio Lower Upper
 276 100
 138 10.1 5.4 8.0#
 277 25.8 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 44.616 ng
 RT: 23.72 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion:252 Resp: 916307
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.0
 125 6.3 5.0 7.4

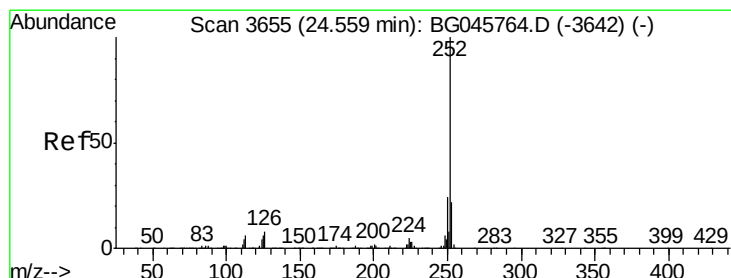
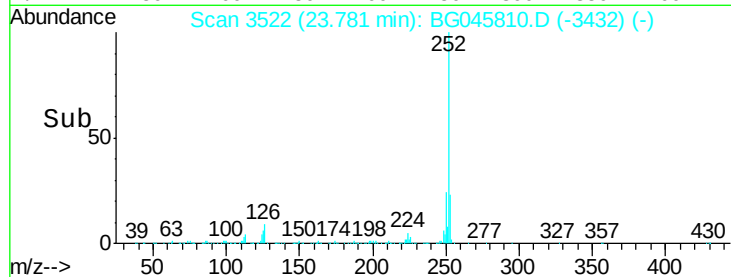
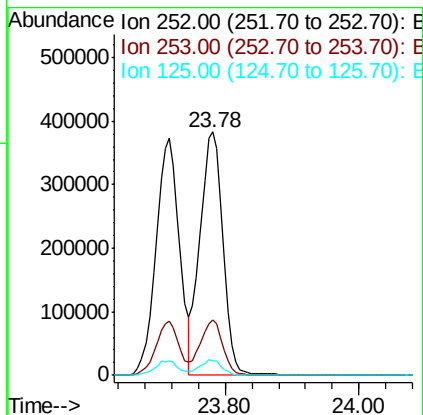
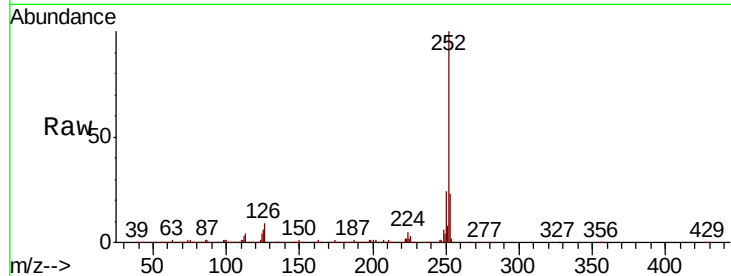




#89
Benzo(k)fluoranthene
Concen: 46.043 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

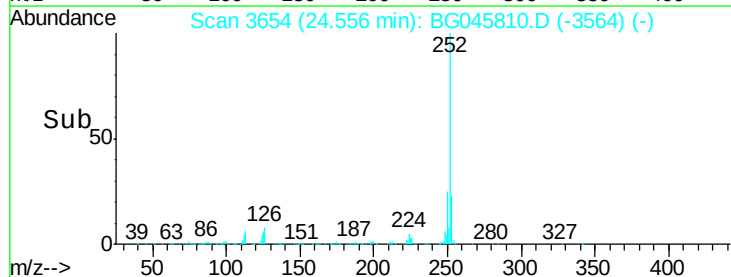
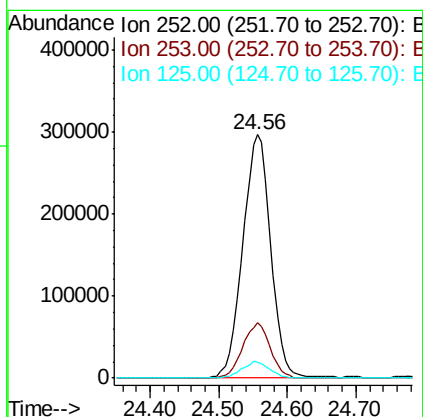
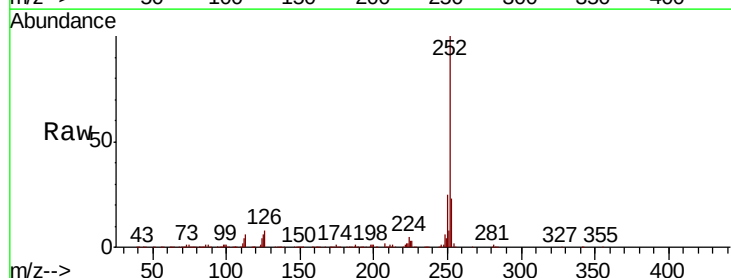
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

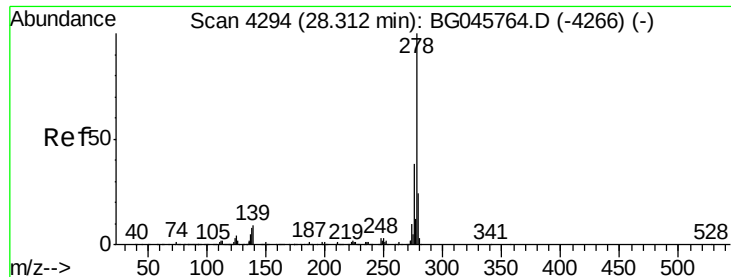
Tot Ion:252 Resp: 905033
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 6.1 5.2 7.8



#90
Benzo(a)pyrene
Concen: 43.800 ng
RT: 24.56 min Scan# 3654
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:252 Resp: 840297
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 6.5 5.0 7.6

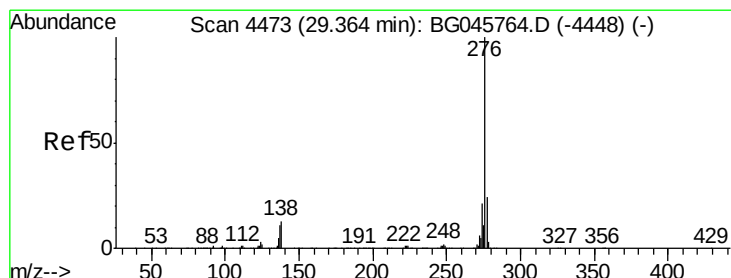
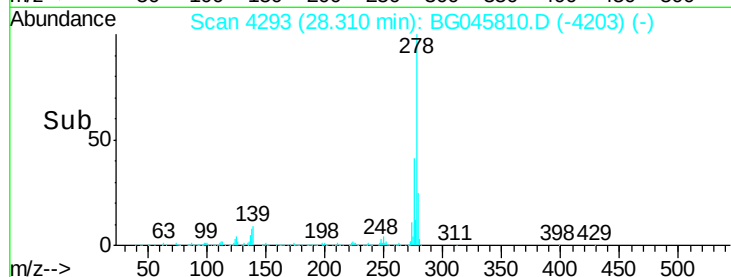
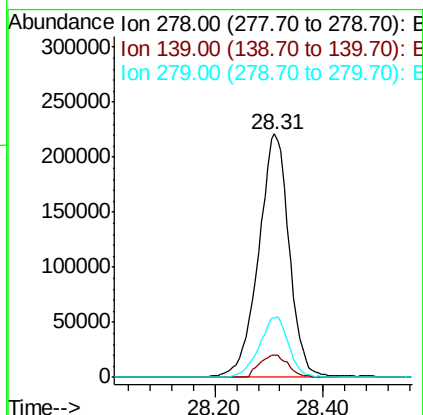
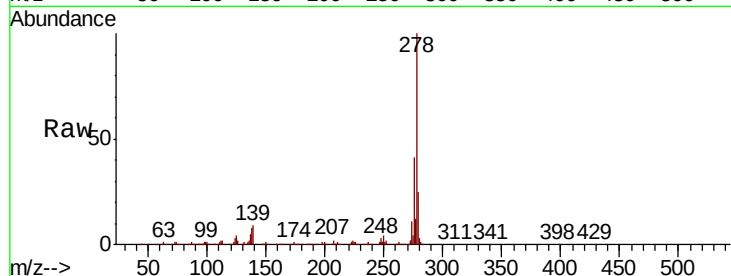




#91
Dibenzo(a,h)anthracene
Concen: 45.281 ng
RT: 28.31 min Scan# 4293
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion:278 Resp: 862273
Ion Ratio Lower Upper
278 100
139 9.1 7.3 10.9
279 24.6 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 45.031 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion:276 Resp: 858298
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 11.5 10.6 15.8

