

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046573.D
 Acq On : 9 Sep 2020 15:08
 Operator : CG/JU
 Sample : PB131497BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

Quant Time: Sep 09 15:46:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73873	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	306742	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	212592	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	489346	20.00	ng	0.00
76) Chrysene-d12	21.55	240	466942	20.00	ng	0.00
86) Perylene-d12	24.65	264	469415	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	441310	105.81	ng	0.00
7) Phenol-d6	7.10	99	584307	98.82	ng	0.00
23) Nitrobenzene-d5	9.08	82	373433	69.58	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	272945	94.76	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	997906	71.66	ng	0.00
79) Terphenyl-d14	19.92	244	1494905	68.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	82547	47.572	ng	98
3) Pyridine	3.81	79	119736	23.584	ng	98
4) n-Nitrosodimethylamine	3.72	42	72035	38.470	ng	96
6) Aniline	7.25	93	244234	36.708	ng	99
8) 2-Chlorophenol	7.50	128	190421	43.197	ng	99
9) Benzaldehyde	7.06	77	122614	37.014	ng	96
10) Phenol	7.13	94	235778	43.296	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	173717	39.685	ng	98
12) 1,3-Dichlorobenzene	7.82	146	205321	36.686	ng	99
13) 1,4-Dichlorobenzene	7.96	146	207378	37.012	ng	98
14) 1,2-Dichlorobenzene	8.28	146	201496	37.505	ng	97
15) Benzyl Alcohol	8.17	79	166234	43.792	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	264880	39.011	ng	99
17) 2-Methylphenol	8.38	107	167597	43.395	ng	98
18) Hexachloroethane	9.01	117	69920	36.804	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	144906	40.972	ng	98
20) 3+4-Methylphenols	8.70	107	231679	43.461	ng	98
22) Acetophenone	8.75	105	274499	36.763	ng	# 98
24) Nitrobenzene	9.12	77	203212	38.327	ng	99
25) Isophorone	9.65	82	399780	40.631	ng	97
26) 2-Nitrophenol	9.84	139	115273	41.207	ng	97
27) 2,4-Dimethylphenol	9.91	122	187381	48.701	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	242973	38.366	ng	100
29) 2,4-Dichlorophenol	10.38	162	213927	41.708	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	224312	36.859	ng	99
31) Naphthalene	10.78	128	573471	38.290	ng	99
32) Benzoic acid	10.06	122	79485	32.099	ng	90
33) 4-Chloroaniline	10.88	127	192604	29.164	ng	97
34) Hexachlorobutadiene	11.07	225	141988	35.941	ng	99
35) Caprolactam	11.66	113	43929	22.912	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	211169	42.094	ng	94
37) 2-Methylnaphthalene	12.39	142	467444	39.573	ng	99
38) 1-Methylnaphthalene	12.60	142	443445	39.633	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	277369	39.565	ng	99

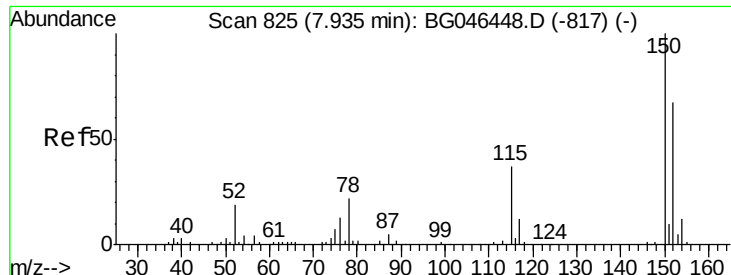
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046573.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	314501	103.172	ng	97
43) 2,4,6-Trichlorophenol	13.00	196	190304	40.226	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	206872	41.619	ng	98
46) 1,1'-Biphenyl	13.39	154	608894	41.167	ng	99
47) 2-Chloronaphthalene	13.44	162	469929	37.472	ng	99
48) 2-Nitroaniline	13.64	65	133674	38.387	ng	97
49) Acenaphthylene	14.28	152	768595	40.403	ng	99
50) Dimethylphthalate	14.02	163	625132	38.008	ng	99
51) 2,6-Dinitrotoluene	14.13	165	144932	39.976	ng	99
52) Acenaphthene	14.62	154	454903	38.589	ng	99
53) 3-Nitroaniline	14.46	138	115224	29.340	ng	99
54) 2,4-Dinitrophenol	14.67	184	168532	79.637	ng	97
55) Dibenzofuran	14.96	168	741904	39.216	ng	100
56) 4-Nitrophenol	14.79	139	223463	77.316	ng	99
57) 2,4-Dinitrotoluene	14.92	165	201775	39.031	ng	99
58) Fluorene	15.60	166	611993	38.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	194767	40.351	ng	99
60) Diethylphthalate	15.38	149	613097	38.233	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	338871	38.751	ng	97
62) 4-Nitroaniline	15.62	138	143215	34.561	ng	98
63) Azobenzene	15.89	77	519039	39.791	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	125431	45.286	ng	100
66) n-Nitrosodiphenylamine	15.82	169	556616	42.163	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	235652	41.277	ng	98
68) Hexachlorobenzene	16.62	284	247082	39.078	ng	98
69) Atrazine	16.76	200	206457	38.335	ng	100
70) Pentachlorophenol	16.96	266	273515	82.796	ng	99
71) Phenanthrene	17.34	178	987747	39.823	ng	100
72) Anthracene	17.44	178	1011653	41.339	ng	99
73) Carbazole	17.70	167	907578	39.280	ng	99
74) Di-n-butylphthalate	18.27	149	1039931	39.141	ng	100
75) Fluoranthene	19.35	202	1228311	38.482	ng	99
77) Benzidine	19.53	184	595791	54.910	ng	98
78) Pyrene	19.72	202	1212146	40.766	ng	99
80) Butylbenzylphthalate	20.60	149	464141	40.019	ng	97
81) Benzo(a)anthracene	21.53	228	1158824	39.816	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	381615	35.332	ng	99
83) Chrysene	21.60	228	1102356	39.375	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	647250	40.894	ng	99
85) Di-n-octyl phthalate	22.61	149	1122934	41.435	ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1380031	40.933	ng	100
88) Benzo(b)fluoranthene	23.67	252	1210239	41.290	ng	99
89) Benzo(k)fluoranthene	23.74	252	1140736	40.269	ng	99
90) Benzo(a)pyrene	24.51	252	1095977	40.067	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1134223	41.689	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1159371	42.674	ng	99

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

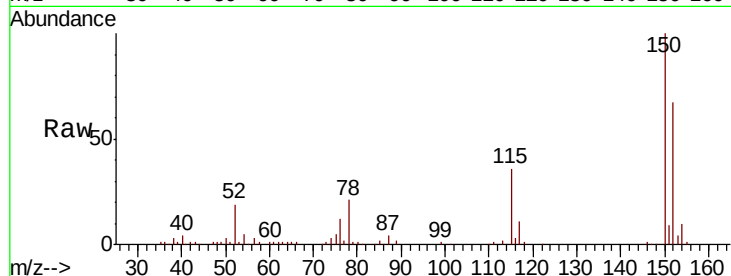


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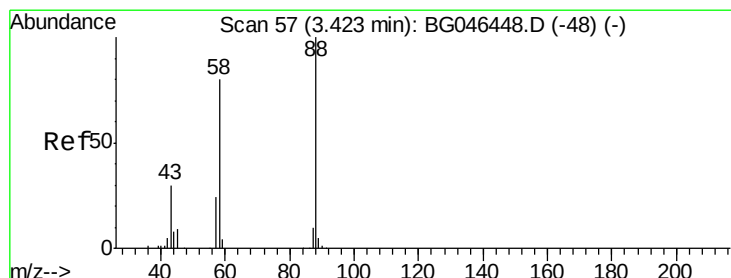
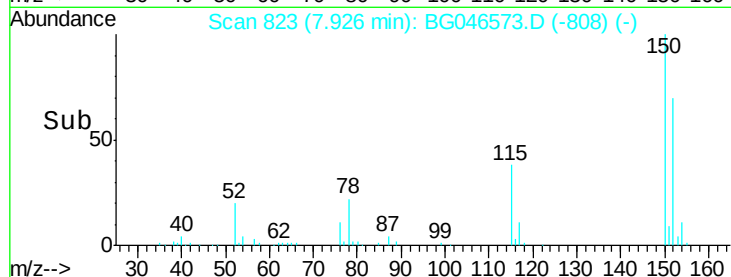
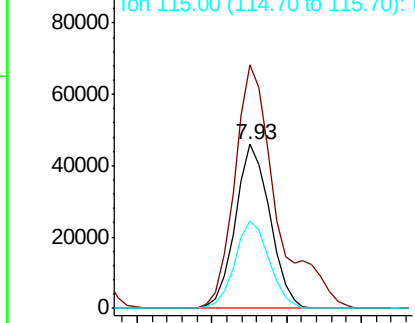
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

Tot Ion:152 Resp: 73873
 Ion Ratio Lower Upper
 152 100
 150 148.3 119.5 179.3
 115 53.6 44.3 66.5



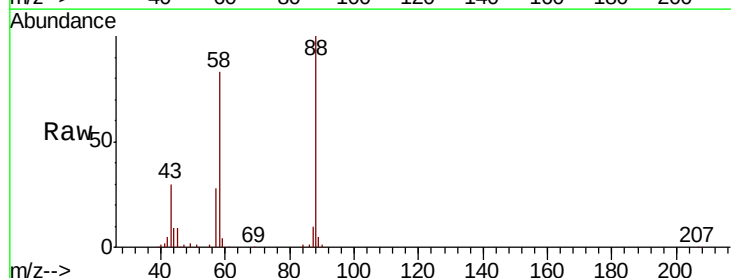
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



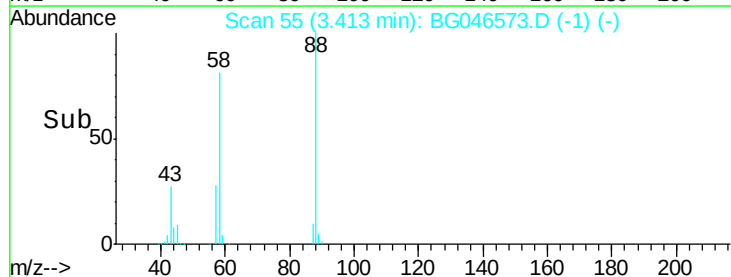
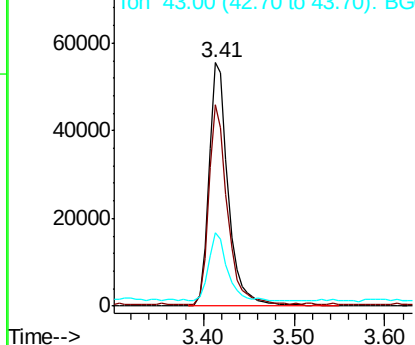
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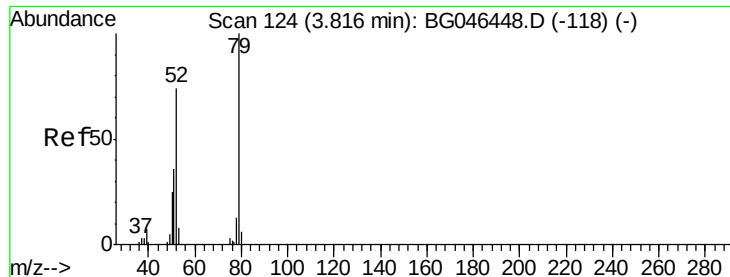
1,4-Dioxane
 Concen: 47.572 ng
 RT: 3.41 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Tgt Ion: 88 Resp: 82547
 Ion Ratio Lower Upper
 88 100
 58 78.6 61.4 92.2
 43 26.7 21.6 32.4



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: 23.584 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

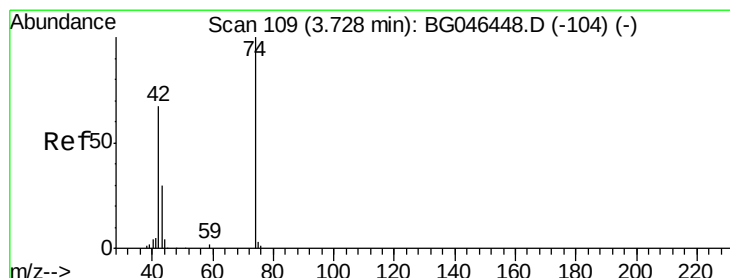
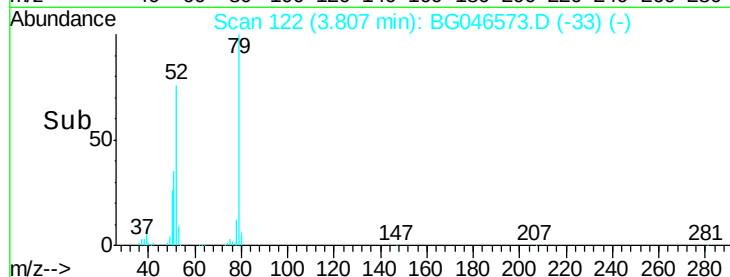
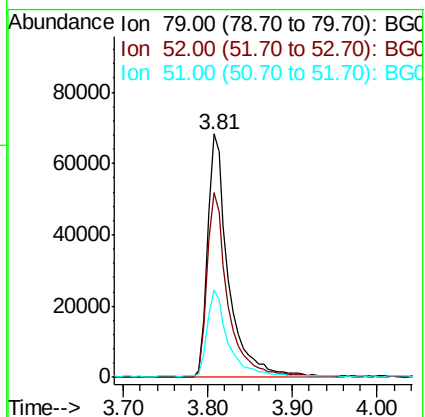
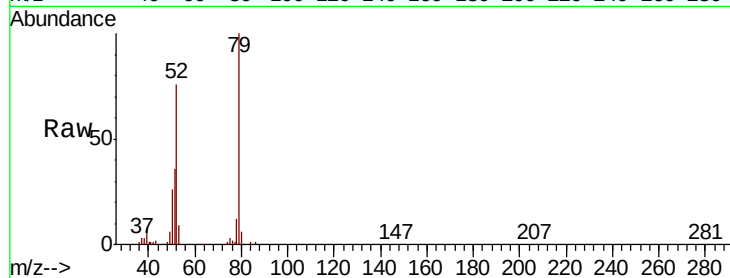
Tot Ion: 79 Resp: 119736

Ion Ratio Lower Upper

79 100

52 75.8 59.1 88.7

51 35.7 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 38.470 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

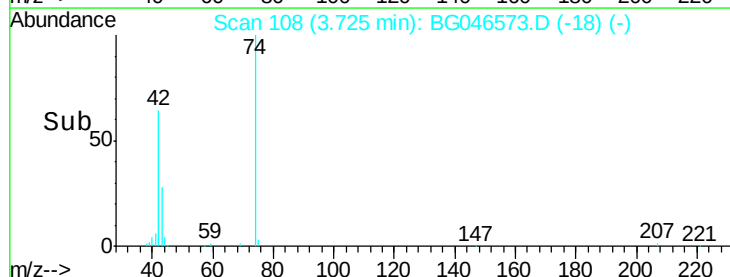
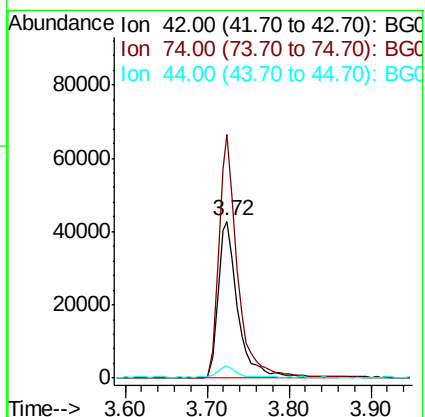
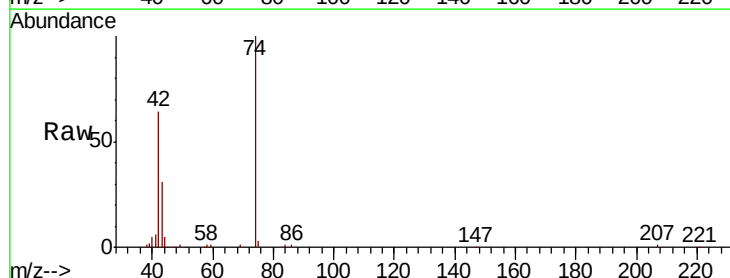
Tgt Ion: 42 Resp: 72035

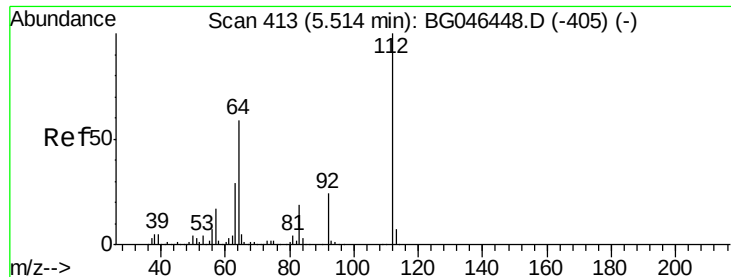
Ion Ratio Lower Upper

42 100

74 155.3 119.5 179.3

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 105.809 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

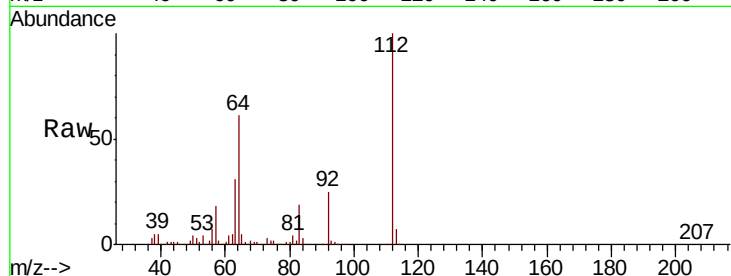
Tot Ion:112 Resp: 441310

Ion Ratio Lower Upper

112 100

64 60.8 47.0 70.6

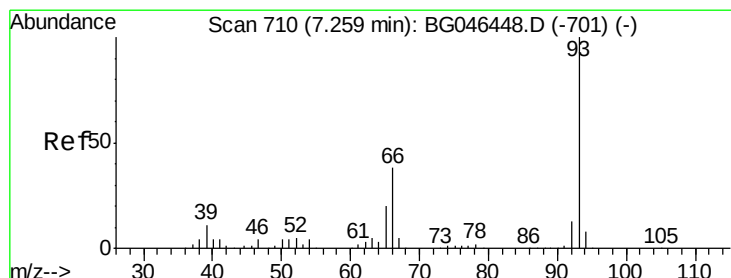
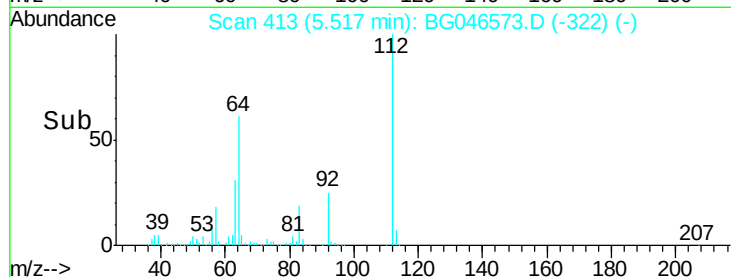
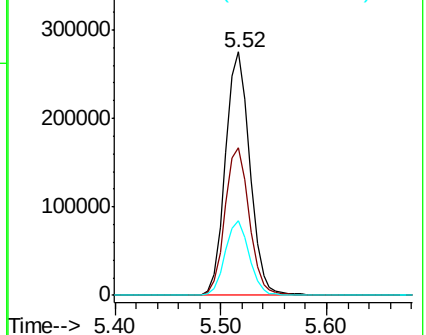
63 30.6 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.708 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

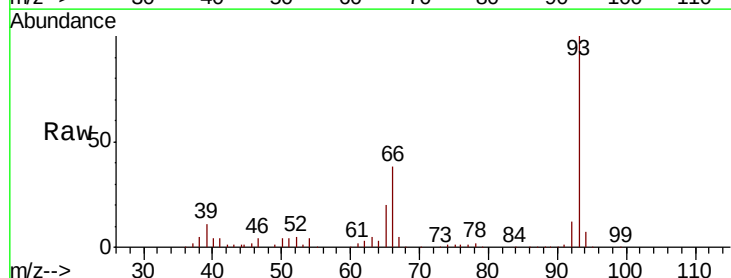
Tgt Ion: 93 Resp: 244234

Ion Ratio Lower Upper

93 100

66 37.7 30.4 45.6

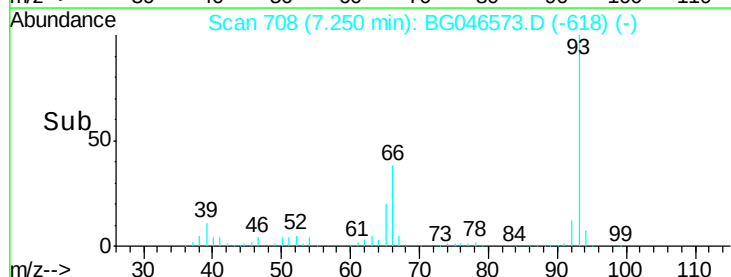
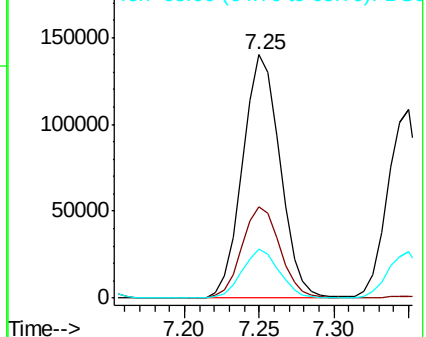
65 20.0 15.8 23.6

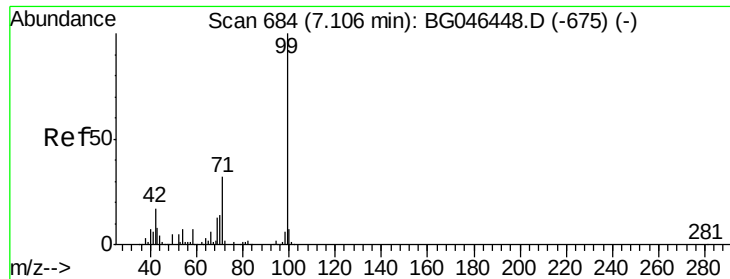


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.824 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

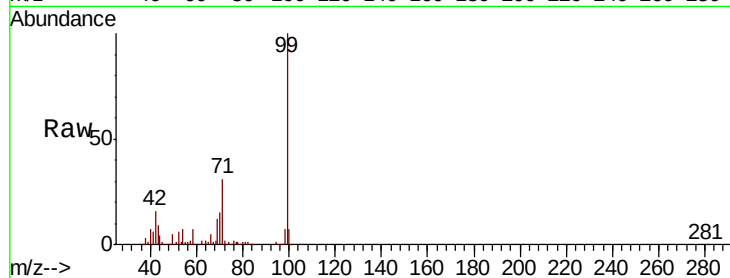
Tot Ion: 99 Resp: 584307

Ion Ratio Lower Upper

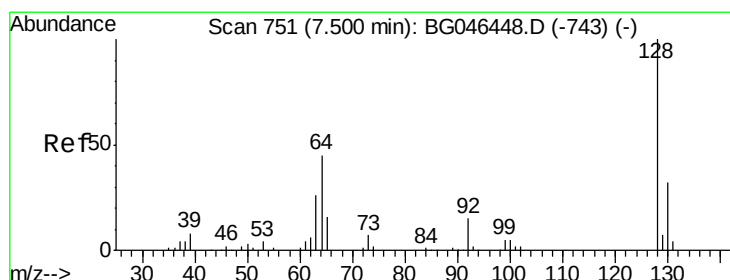
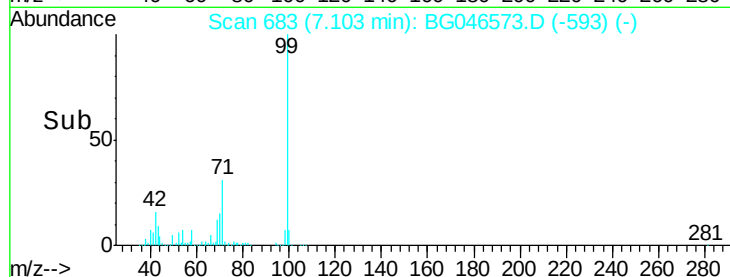
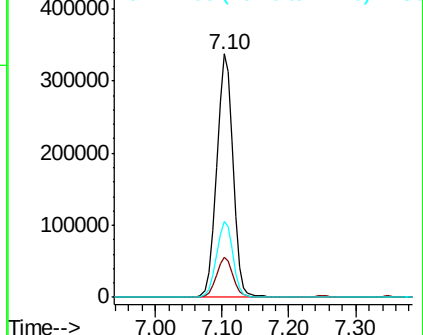
99 100

42 16.3 13.3 19.9

71 31.1 25.3 37.9



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: 43.197 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

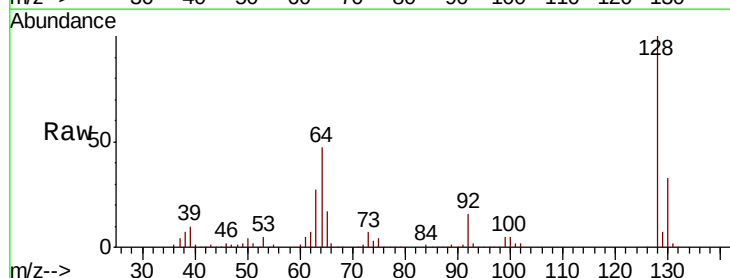
Tgt Ion: 128 Resp: 190421

Ion Ratio Lower Upper

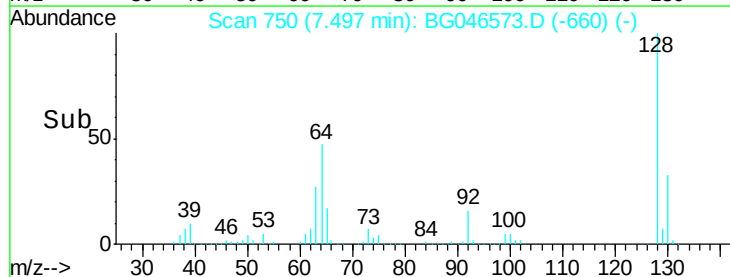
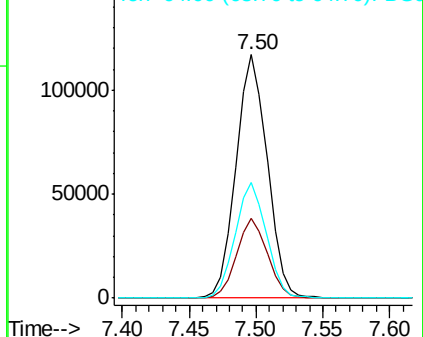
128 100

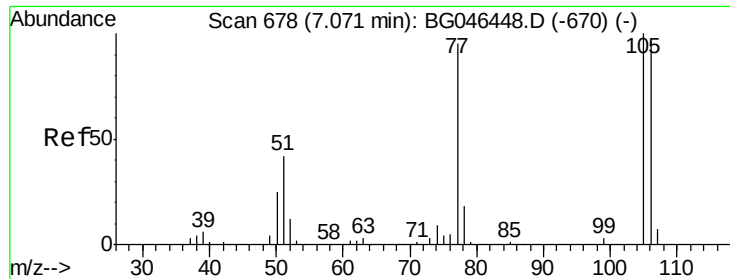
130 32.7 12.4 52.4

64 47.3 28.1 68.1



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

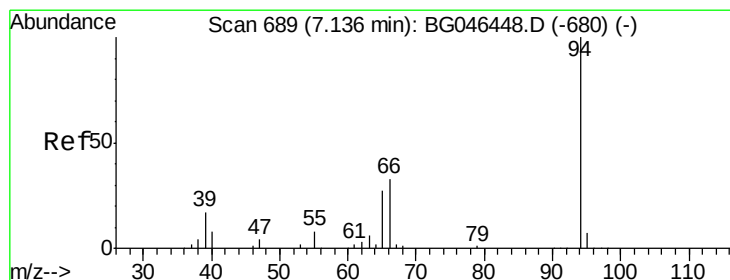
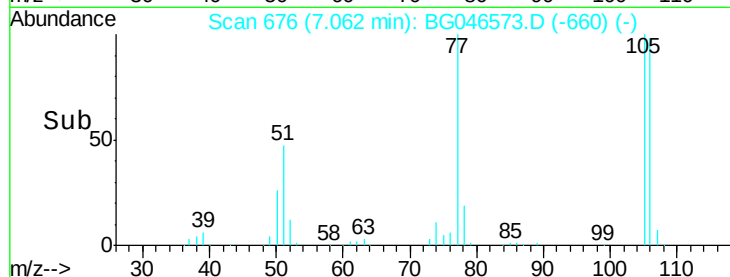
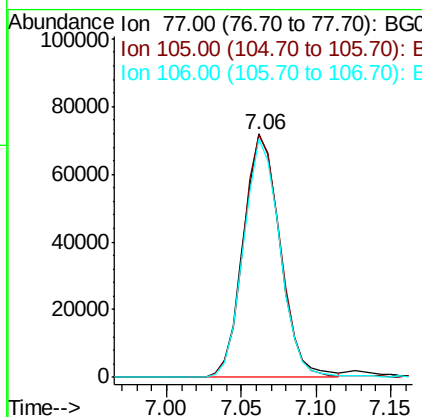
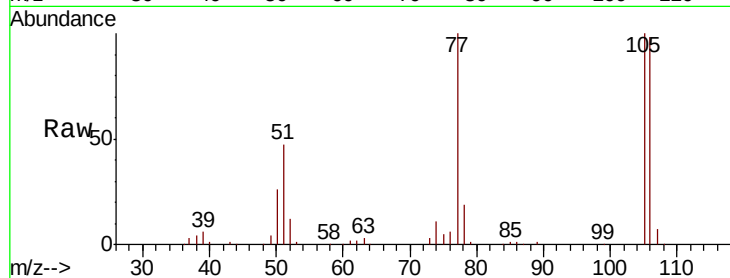




#9
Benzaldehyde
Concen: 37.014 ng
RT: 7.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

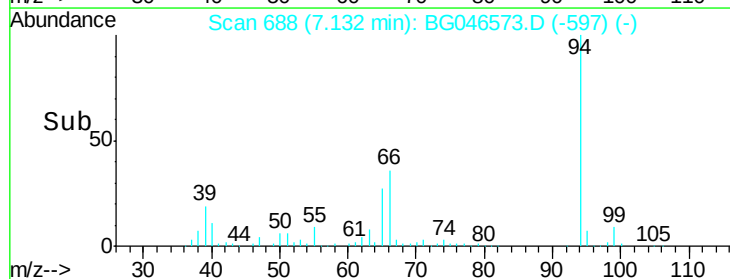
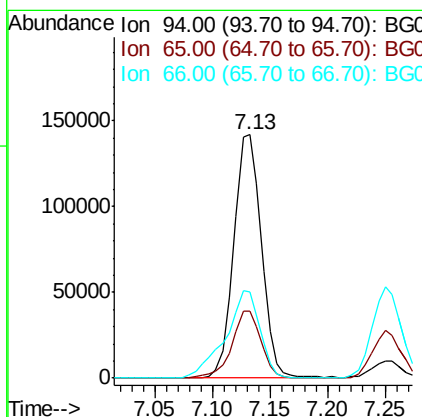
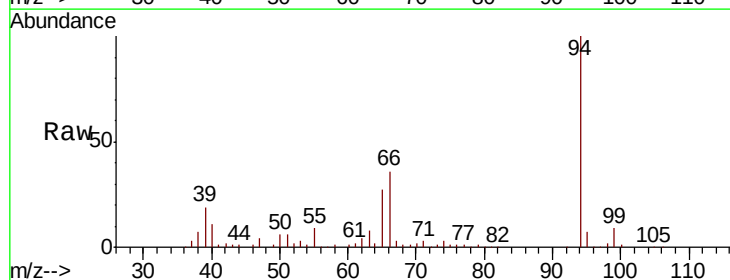
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

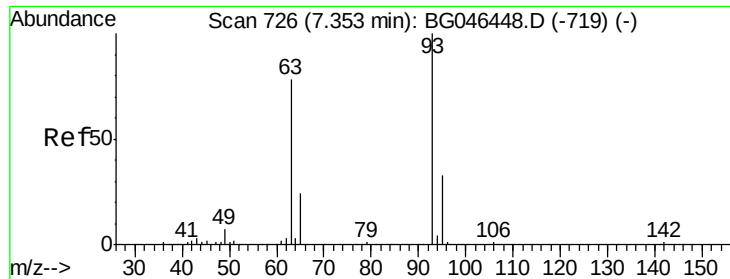
Tot Ion: 77 Resp: 122614
Ion Ratio Lower Upper
77 100
105 99.7 85.6 125.6
106 97.9 80.8 120.8



#10
Phenol
Concen: 43.296 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion: 94 Resp: 235778
Ion Ratio Lower Upper
94 100
65 27.5 7.5 47.5
66 35.6 14.1 54.1

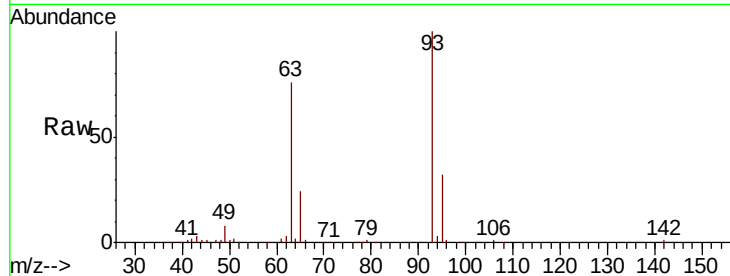




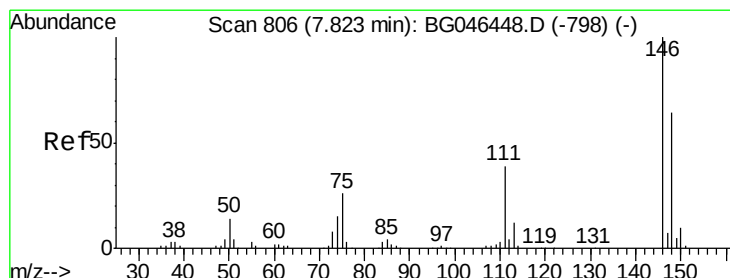
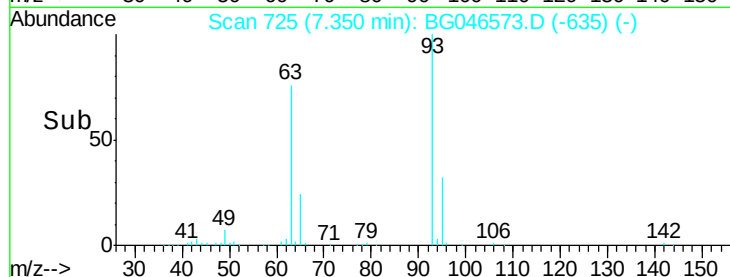
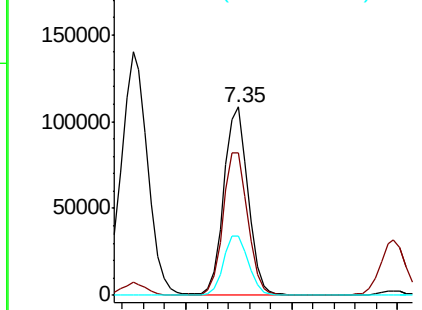
#11
bis(2-Chloroethyl)ether
Concen: 39.685 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion	93	Resp	173717
Ion	Ratio	Lower	Upper
93	100		
63	75.5	57.7	97.7
95	31.8	12.3	52.3

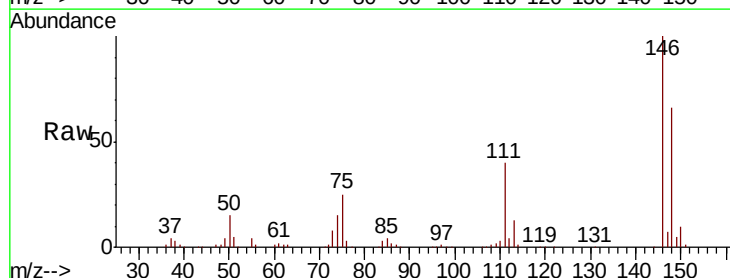


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

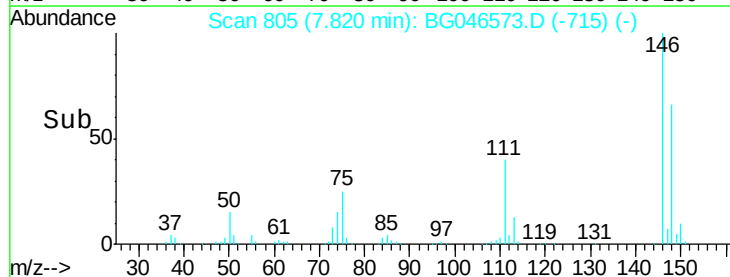
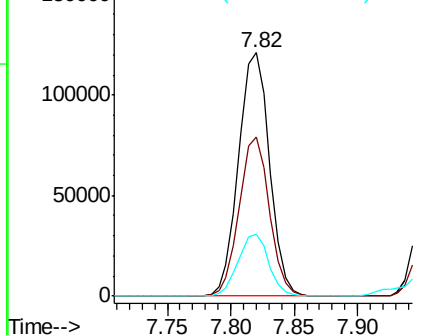


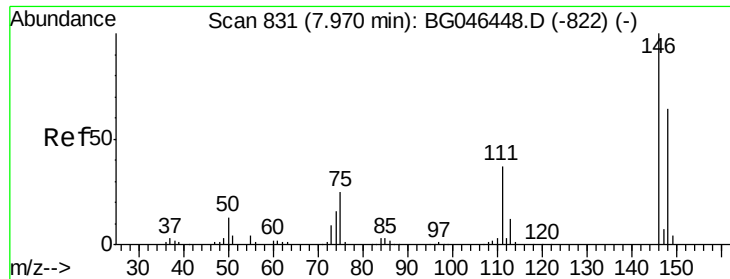
#12
1,3-Dichlorobenzene
Concen: 36.686 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion	146	Resp	205321
Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.0
75	25.5	20.7	31.1



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: 37.012 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

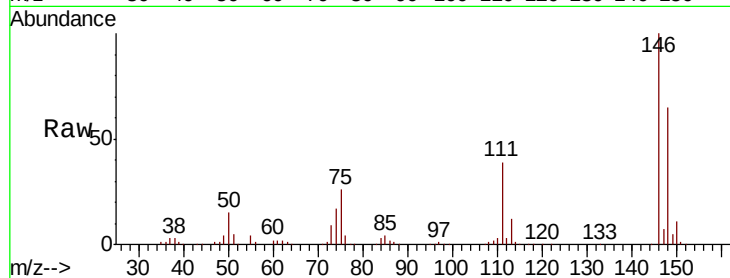
Tot Ion:146 Resp: 207378

Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

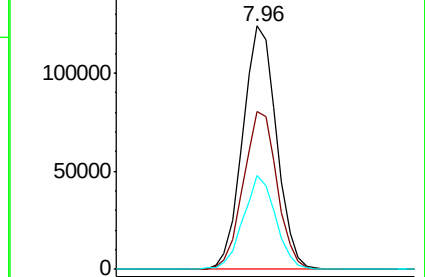
111 38.7 29.8 44.6



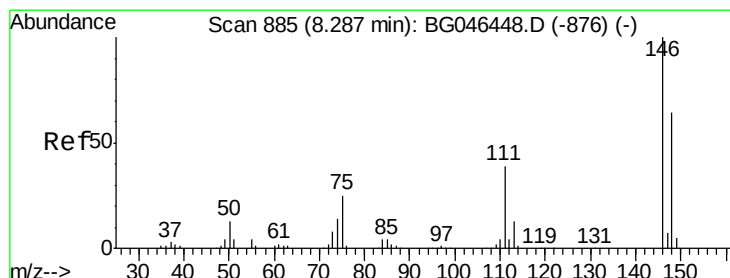
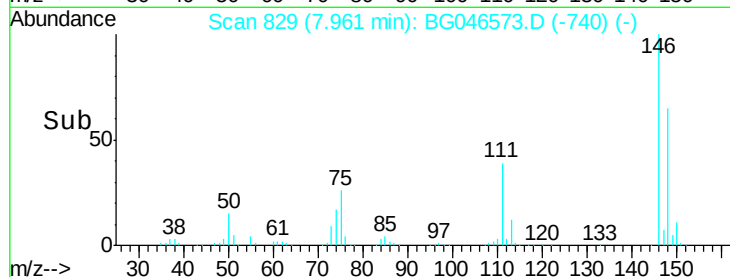
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 37.505 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

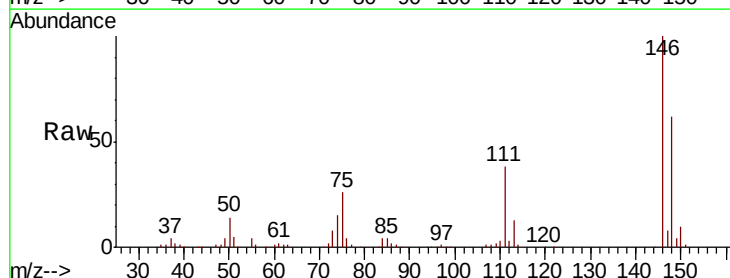
Tgt Ion:146 Resp: 201496

Ion Ratio Lower Upper

146 100

148 61.9 51.4 77.0

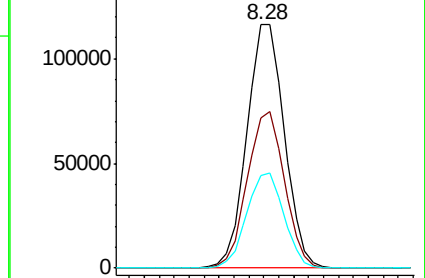
111 38.0 31.4 47.2



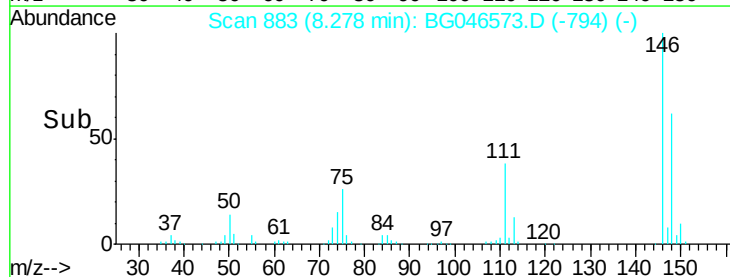
Abundance Ion 146.00 (145.70 to 146.70): E

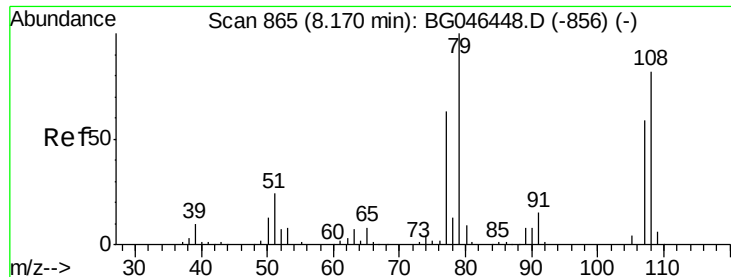
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 43.792 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampled :

PB131497BSD

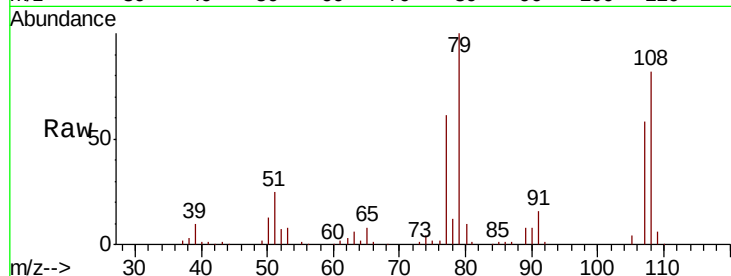
Tot Ion: 79 Resp: 166234

Ion Ratio Lower Upper

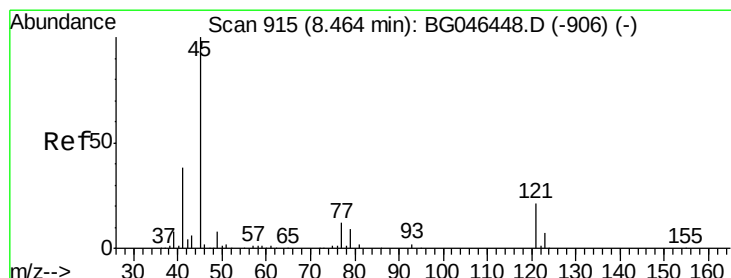
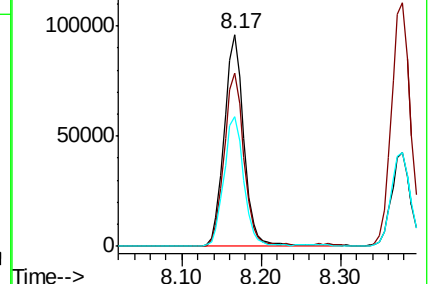
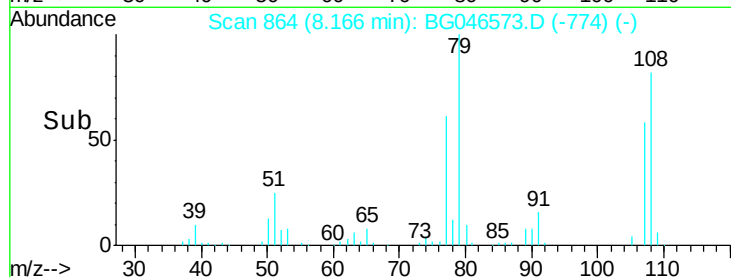
79 100

108 82.0 65.7 98.5

77 61.0 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
150000 Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.011 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

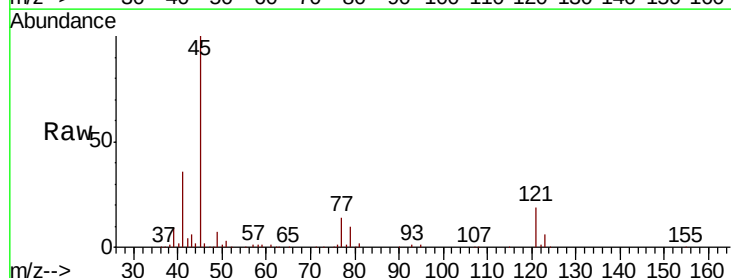
Tgt Ion: 45 Resp: 264880

Ion Ratio Lower Upper

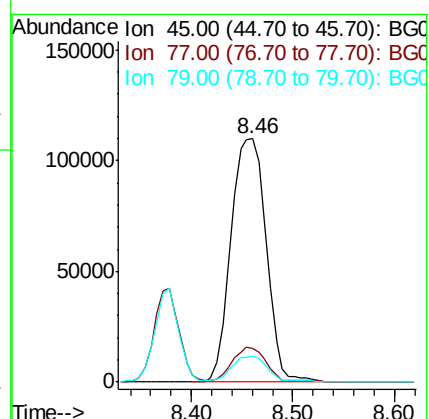
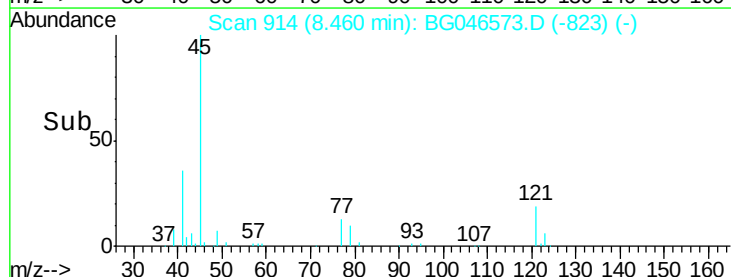
45 100

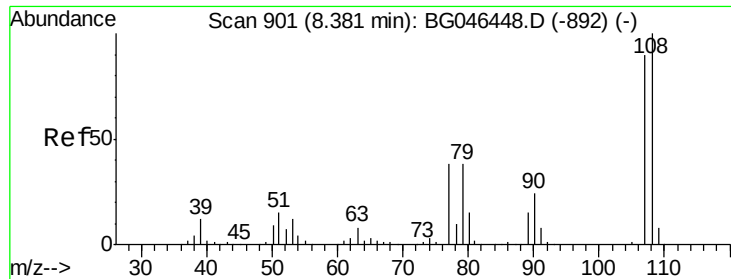
77 13.6 0.0 33.2

79 10.5 0.0 30.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
150000 Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

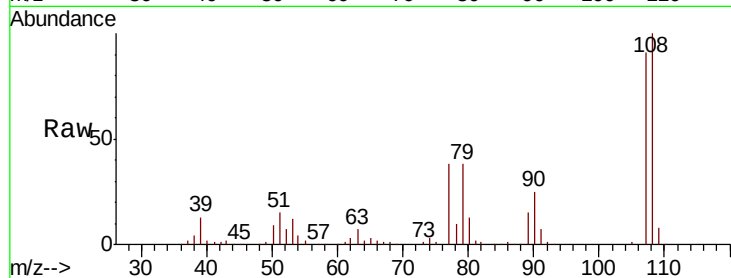




#17
2-Methylphenol
Concen: 43.395 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	89.4	134.0
77	42.1	34.5	51.7
79	42.1	33.8	50.6



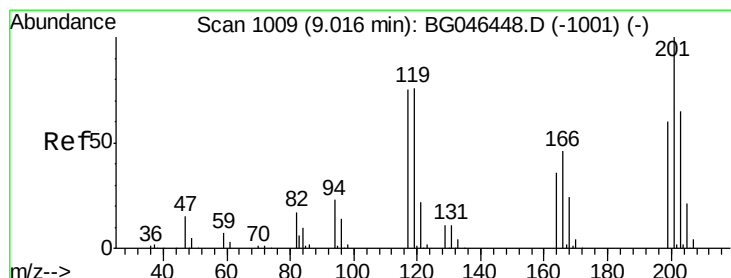
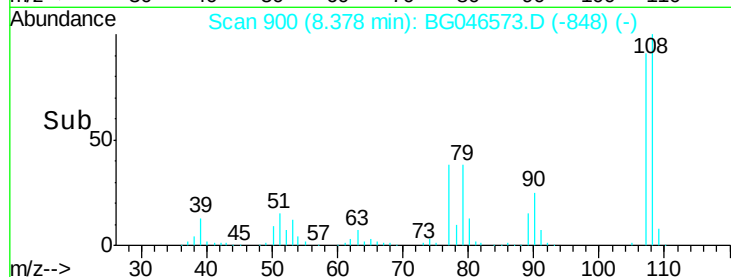
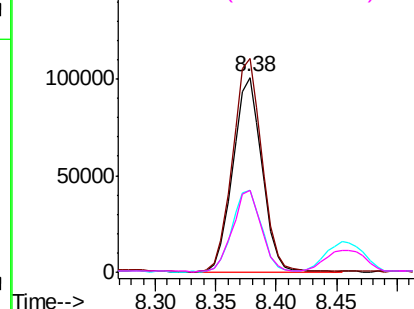
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

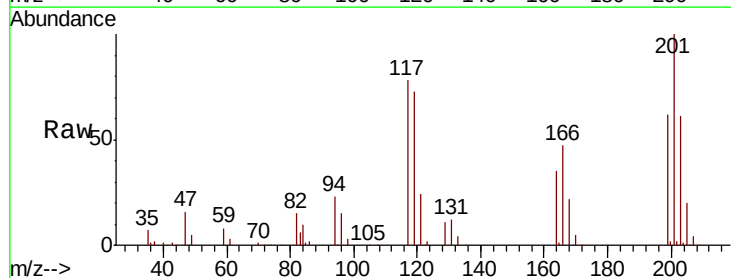
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.804 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	80.8	121.2
201	128.8	106.7	160.1

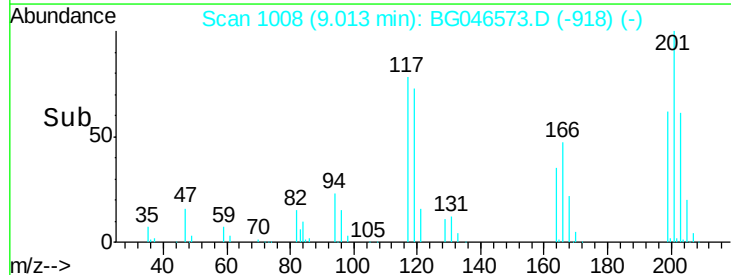
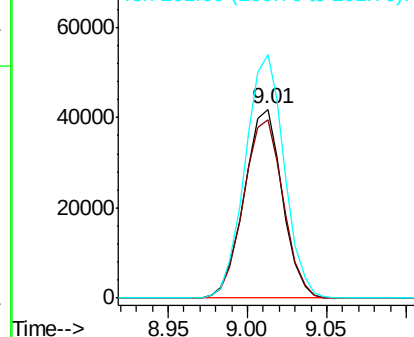


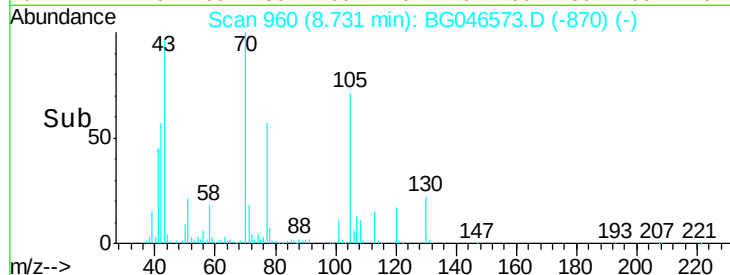
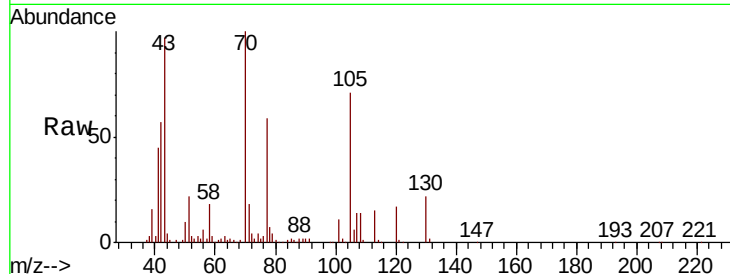
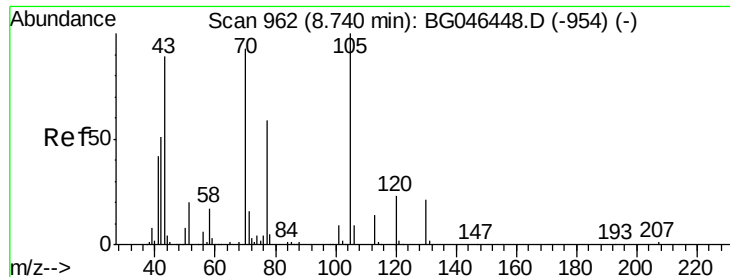
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

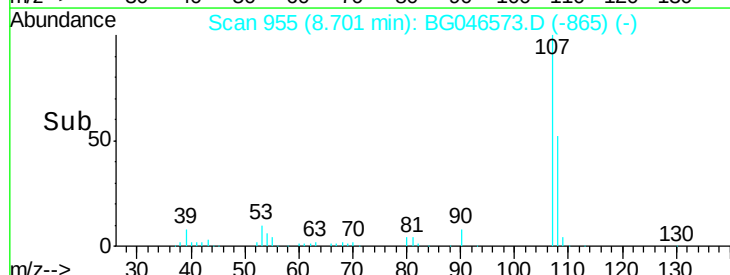
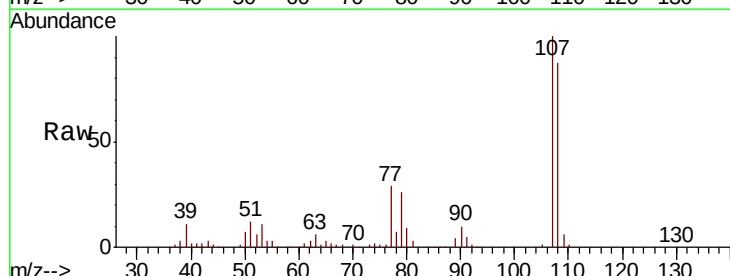
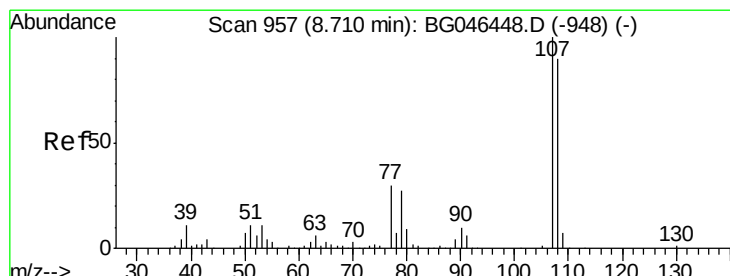
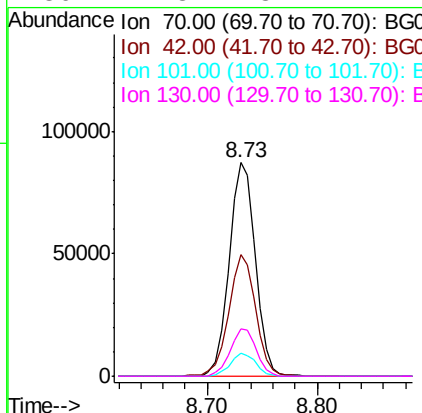




#19
n-Nitroso-di-n-propylamine
Concen: 40.972 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

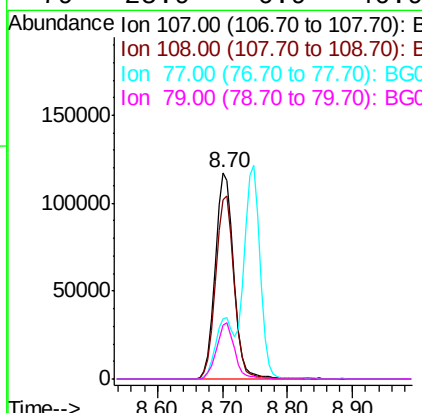
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

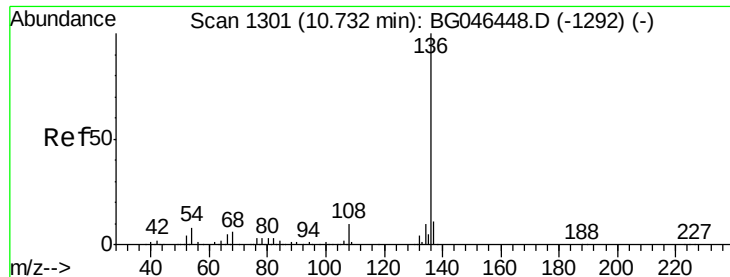
Tot Ion:	70	Resp:	144906
Ion	Ratio	Lower	Upper
70	100		
42	56.8	44.2	66.2
101	10.8	7.8	11.8
130	22.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 43.461 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:	107	Resp:	231679
Ion	Ratio	Lower	Upper
107	100		
108	87.0	69.7	109.7
77	29.2	9.7	49.7
79	25.9	6.9	46.9

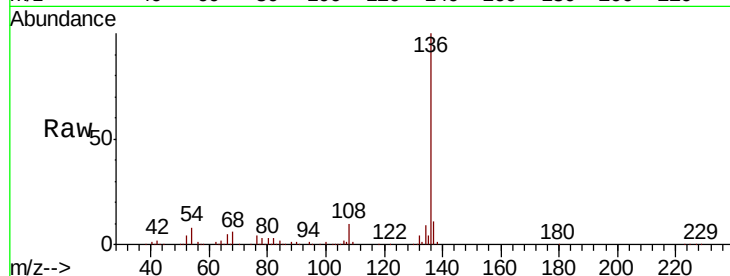




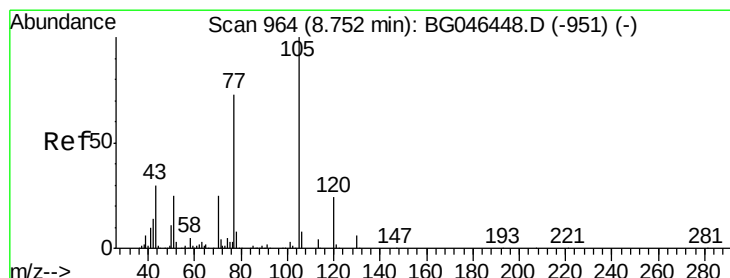
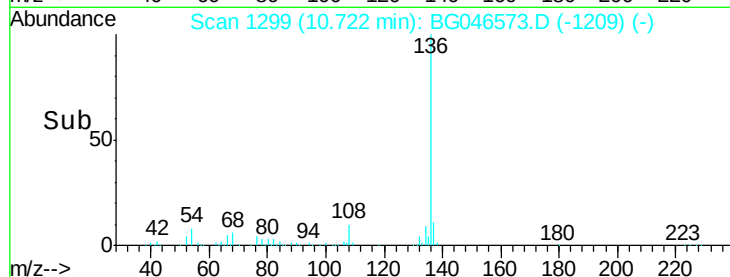
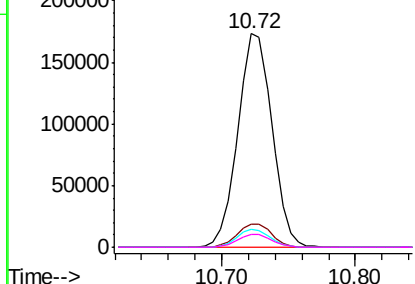
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion:136	Resp:	306742
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.4	6.1 9.1
68	6.2	4.8 7.2

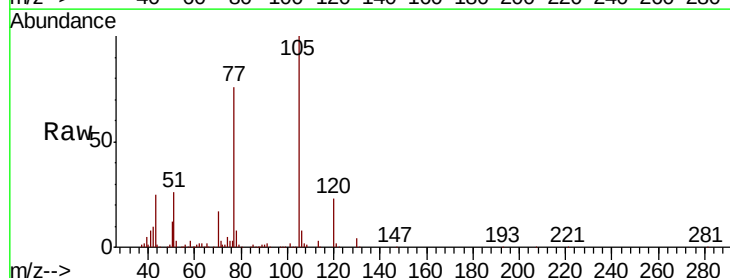


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

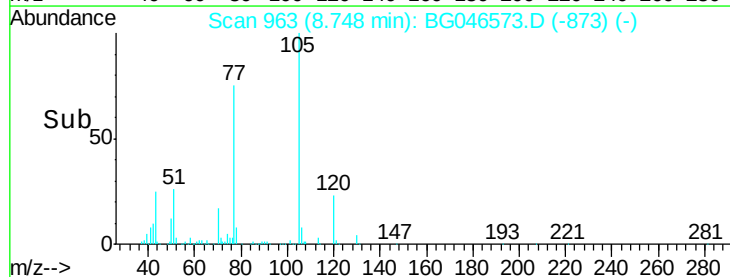
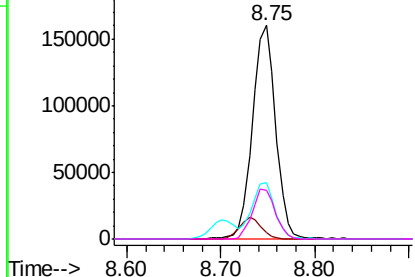


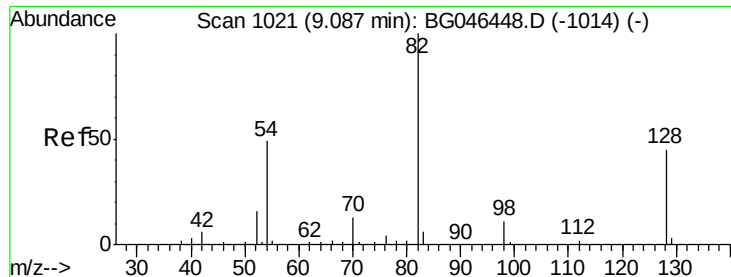
#22
Acetophenone
Concen: 36.763 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:105	Resp:	274499
Ion Ratio	Lower	Upper
105	100	
71	3.0	3.3 4.9#
51	26.2	20.6 31.0
120	22.8	19.0 28.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

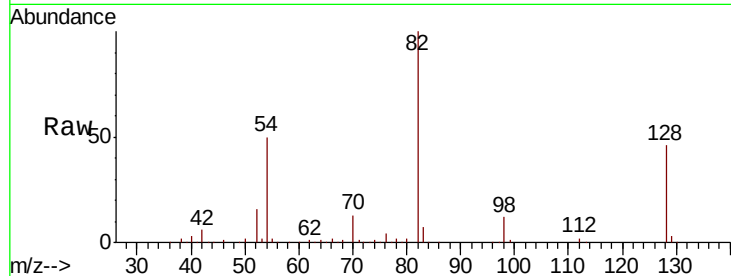




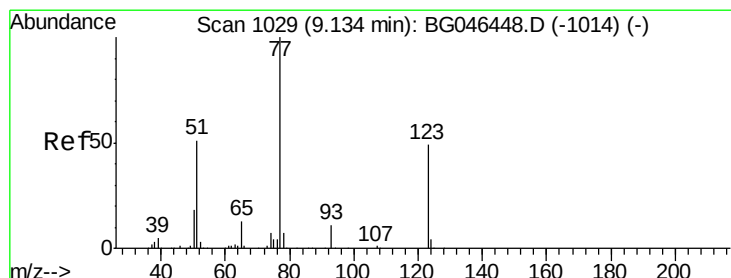
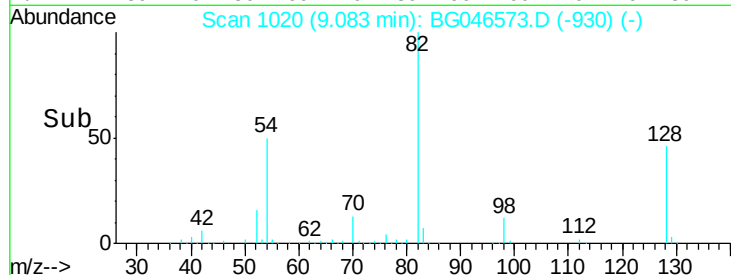
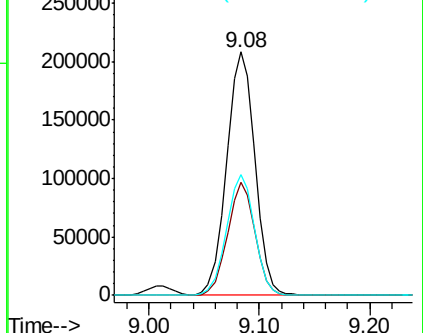
#23
 Nitrobenzene-d5
 Concen: 69.582 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

Tot Ion	82	Resp	373433
Ion Ratio	Lower	Upper	
82	100		
128	46.2	35.7	53.5
54	49.7	39.4	59.0

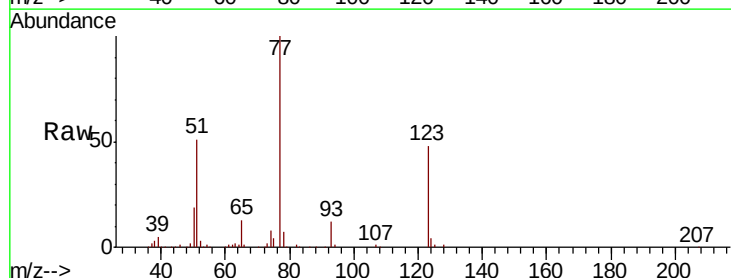


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

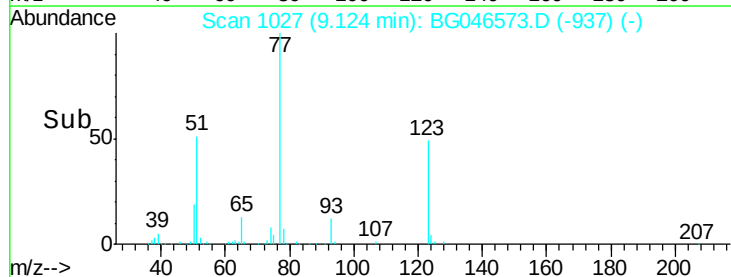
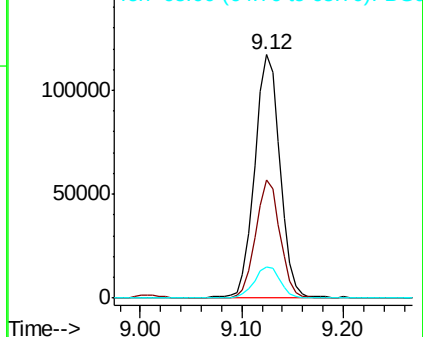


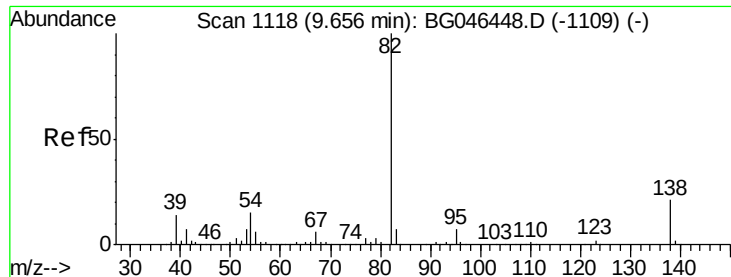
#24
 Nitrobenzene
 Concen: 38.327 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Tgt Ion	77	Resp	203212
Ion Ratio	Lower	Upper	
77	100		
123	48.5	39.6	59.4
65	13.0	10.1	15.1



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

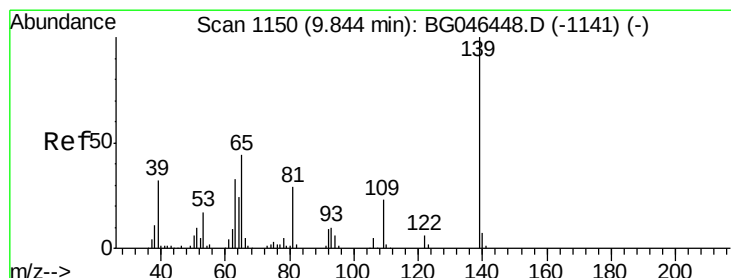
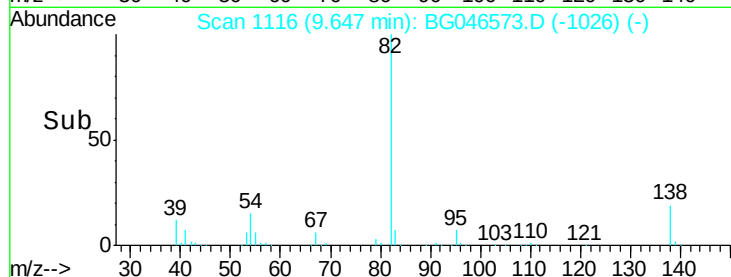
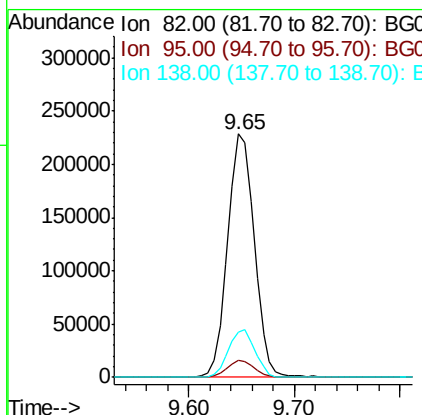
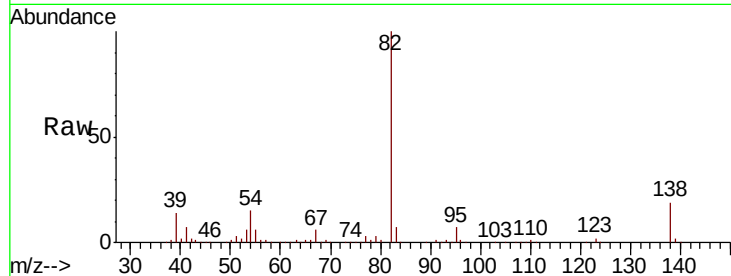




#25
Isophorone
Concen: 40.631 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

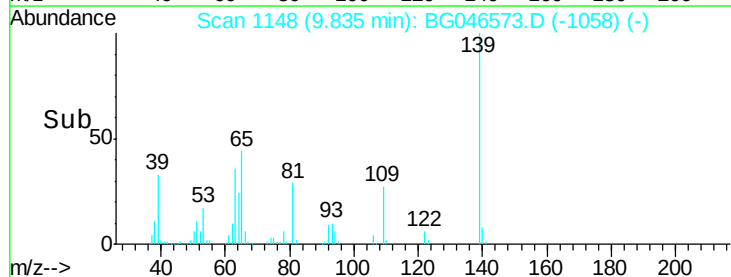
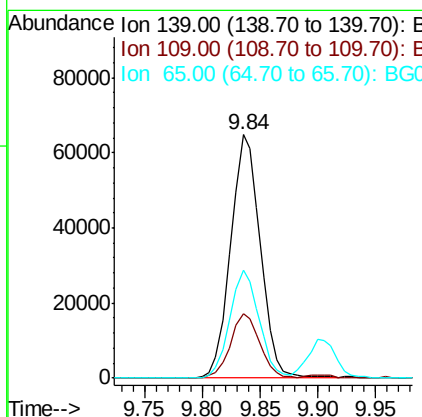
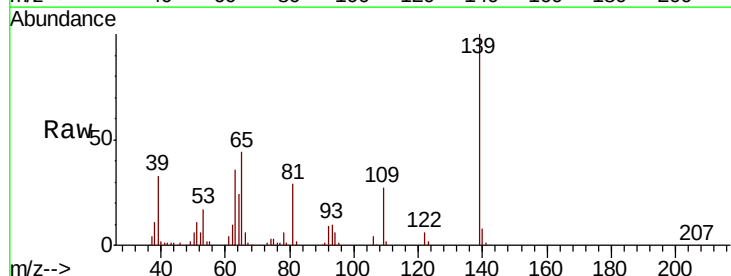
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

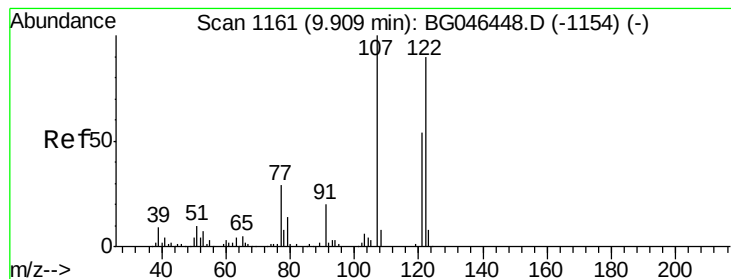
Tot Ion: 82 Resp: 399780
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.8 16.4 24.6



#26
2-Nitrophenol
Concen: 41.207 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion: 139 Resp: 115273
Ion Ratio Lower Upper
139 100
109 26.6 18.8 28.2
65 44.3 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 48.701 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

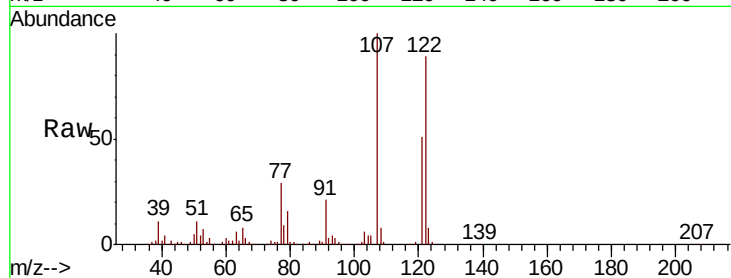
Tot Ion:122 Resp: 187381

Ion Ratio Lower Upper

122 100

107 112.8 88.2 132.2

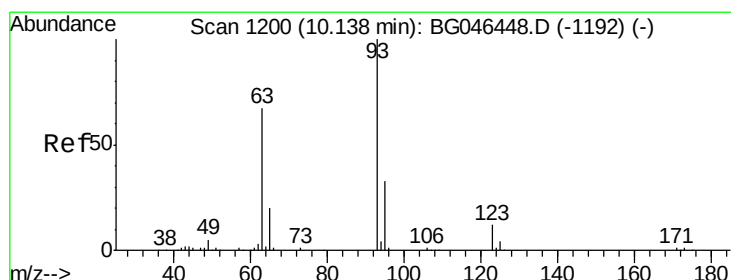
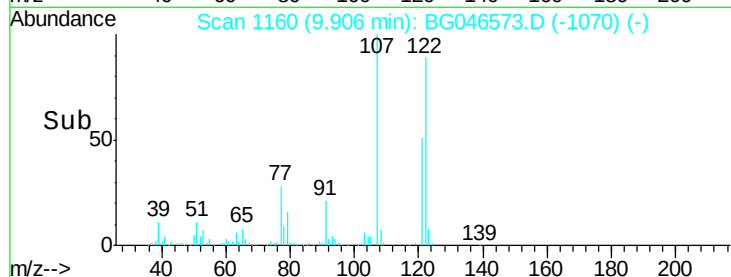
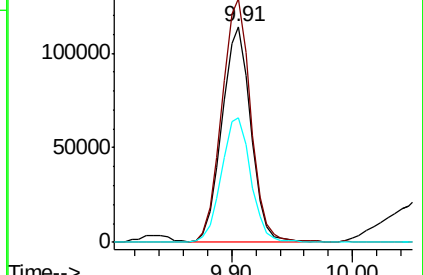
121 57.9 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.366 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

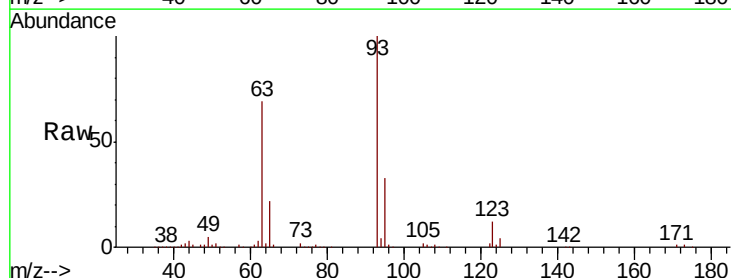
Tgt Ion: 93 Resp: 242973

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

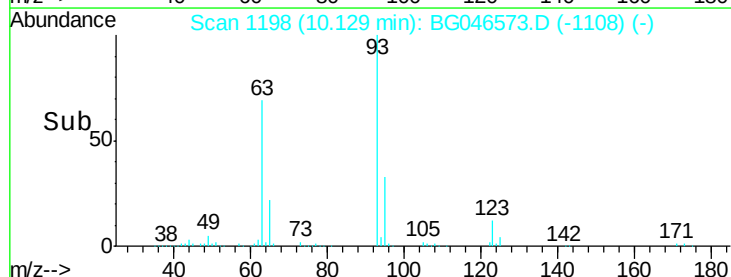
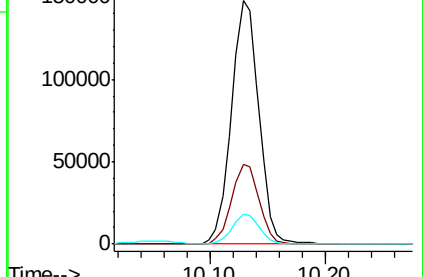
123 12.0 9.5 14.3

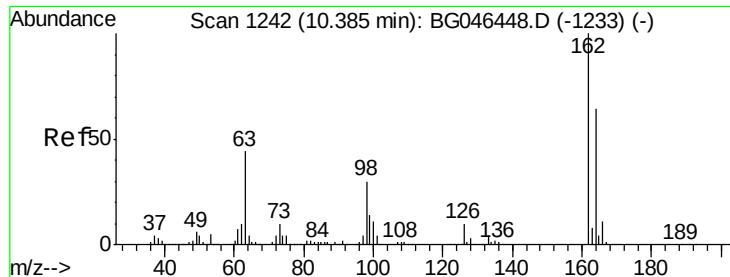


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

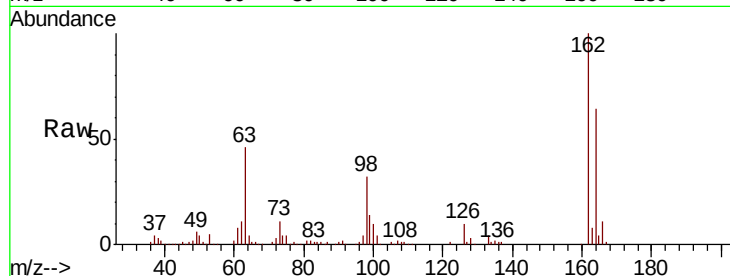




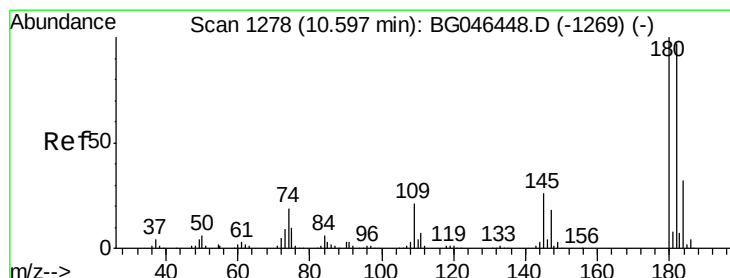
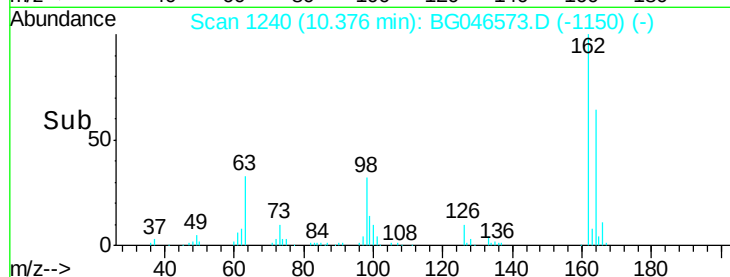
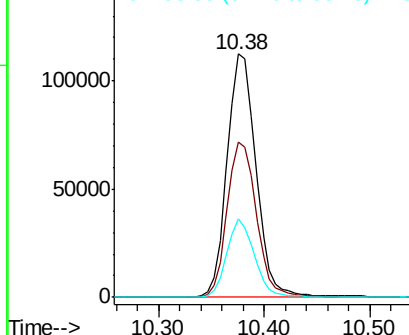
#29
 2,4-Dichlorophenol
 Concen: 41.708 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	32.3	10.0	50.0

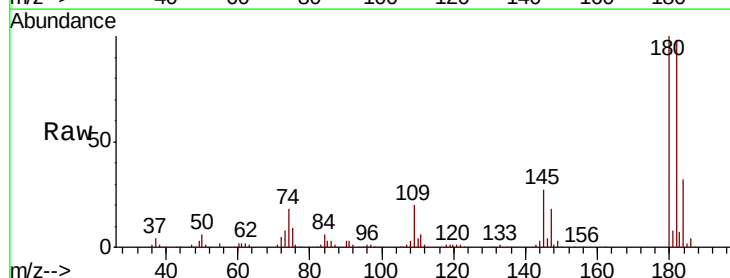


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

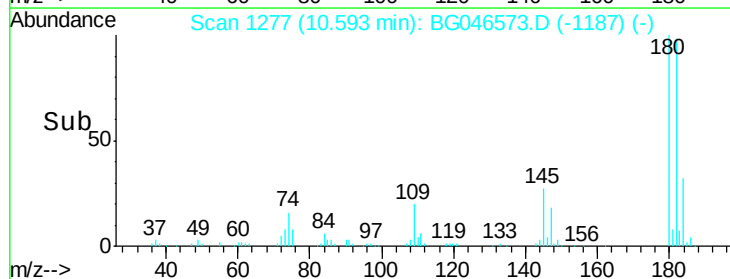
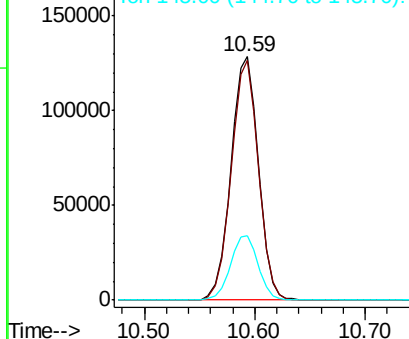


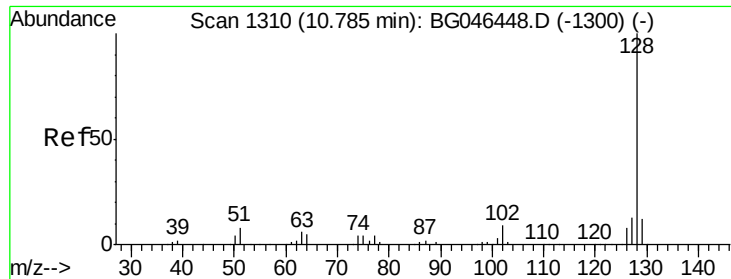
#30
 1,2,4-Trichlorobenzene
 Concen: 36.859 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.8	116.8
145	26.5	20.9	31.3



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

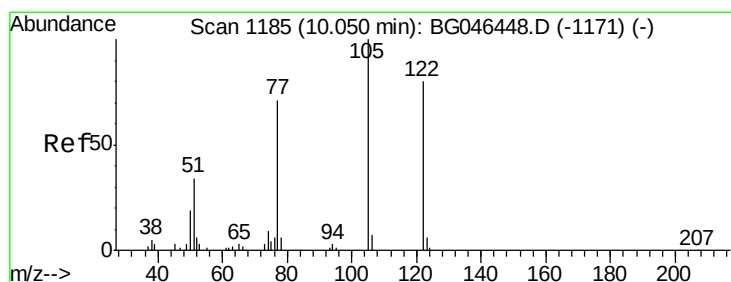
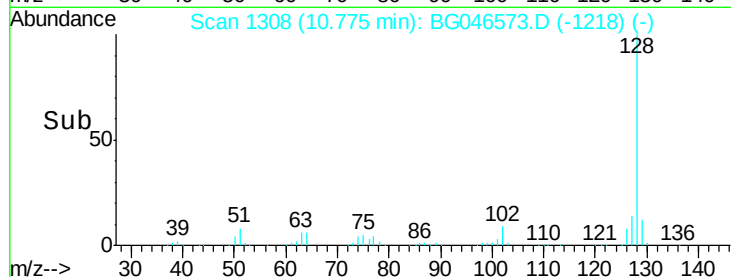
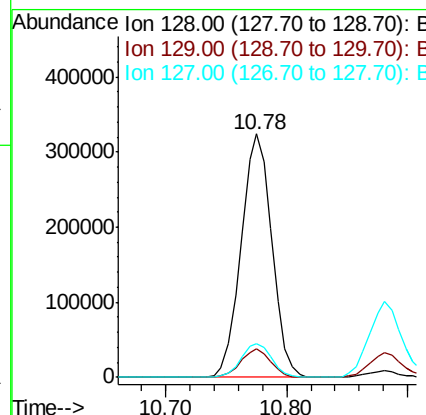
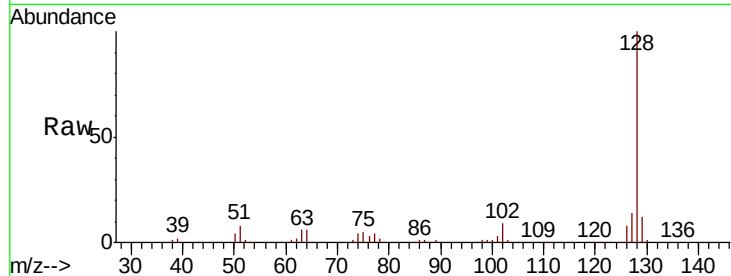




#31
Naphthalene
Concen: 38.290 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

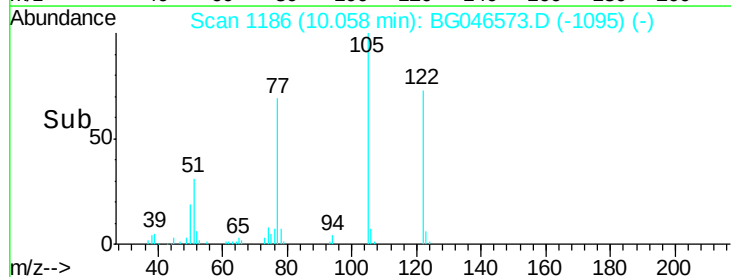
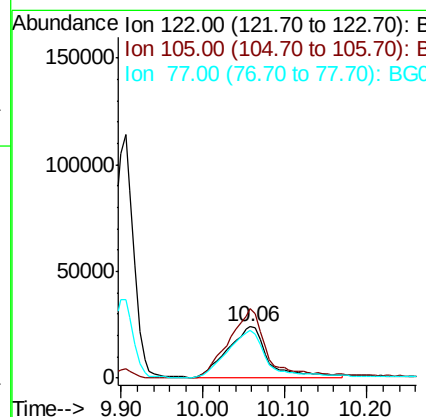
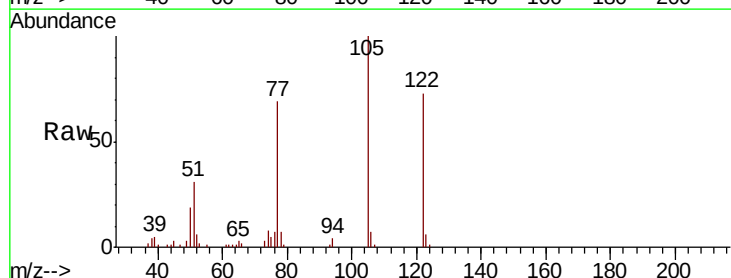
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

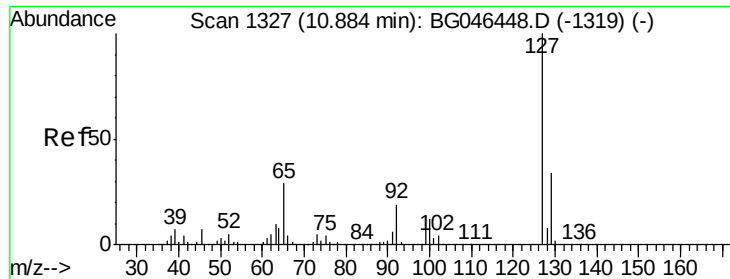
Tot Ion:128 Resp: 573471
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 32.099 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:122 Resp: 79485
Ion Ratio Lower Upper
122 100
105 136.7 102.5 142.5
77 94.6 68.2 108.2

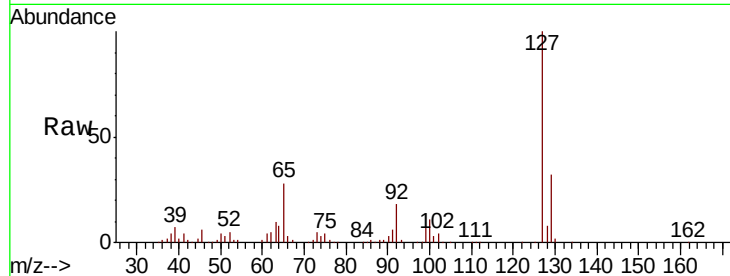




#33
4-Chloroaniline
Concen: 29.164 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion:	127	Resp:	192604
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.0	40.4
65	28.3	23.5	35.3
92	17.9	14.9	22.3



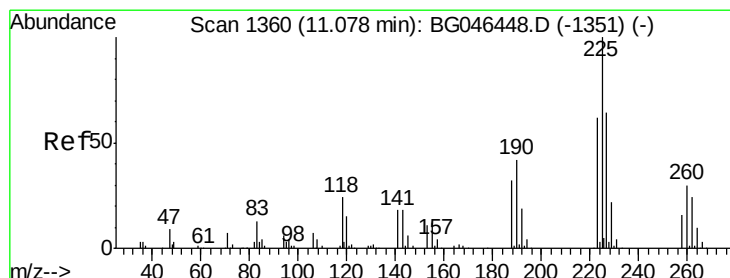
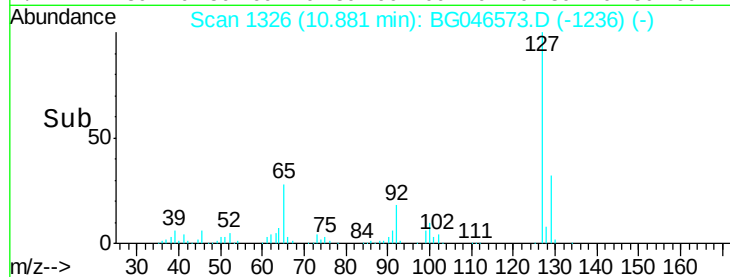
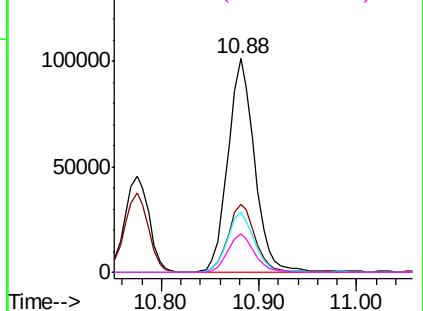
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

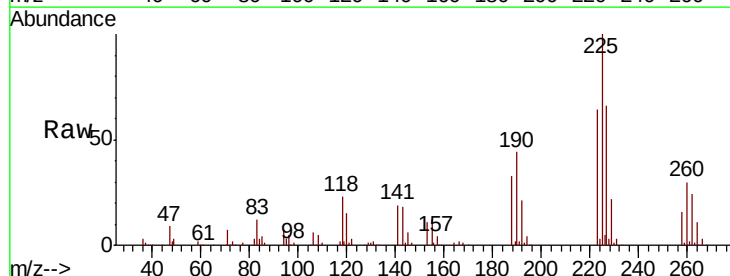
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.941 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:	225	Resp:	141988
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	65.6	51.6	77.4

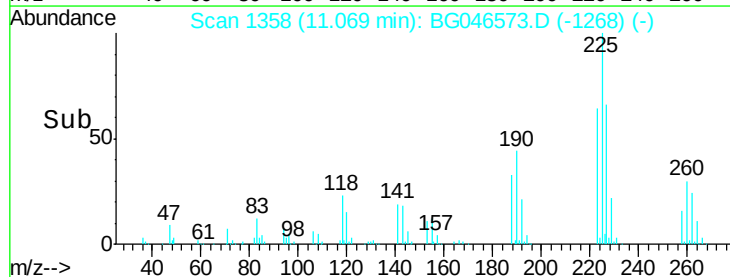
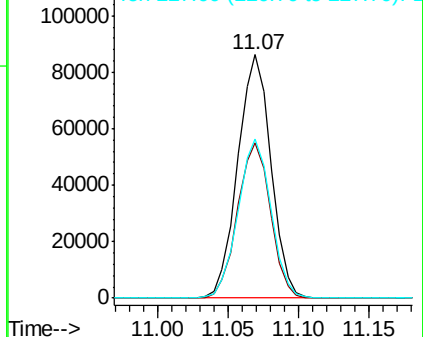


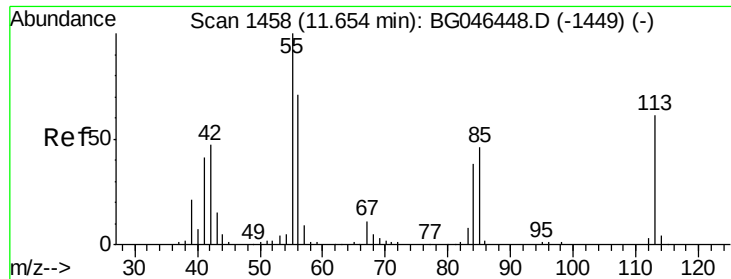
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

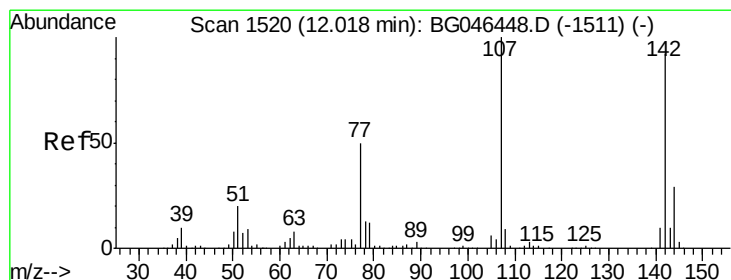
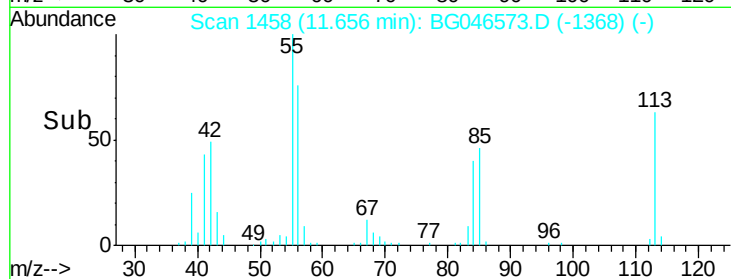
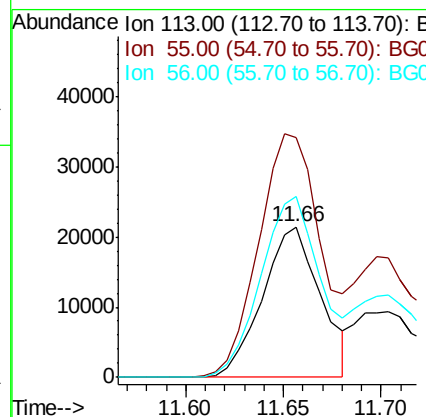
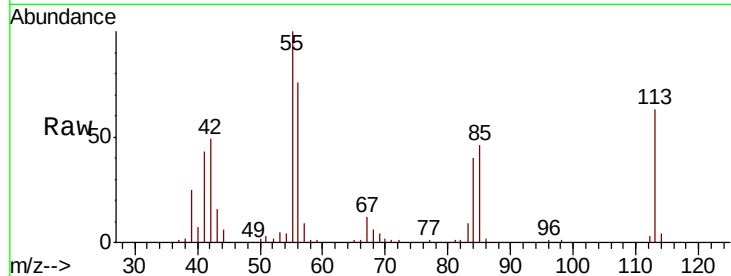




#35
Caprolactam
Concen: 22.912 ng
RT: 11.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

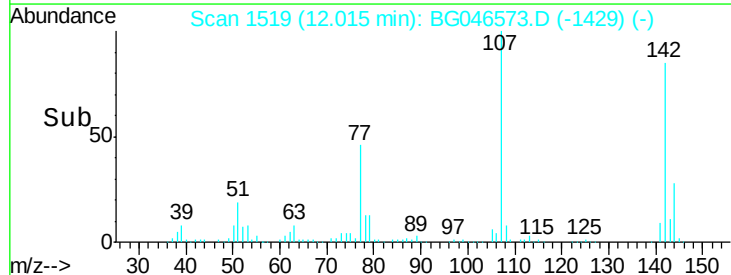
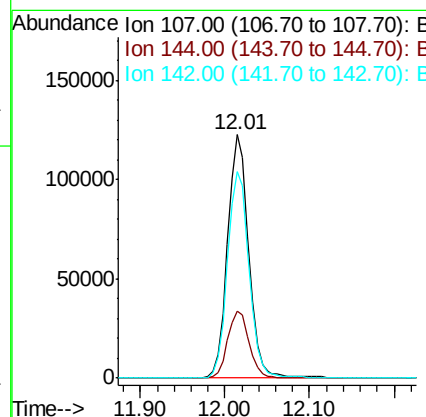
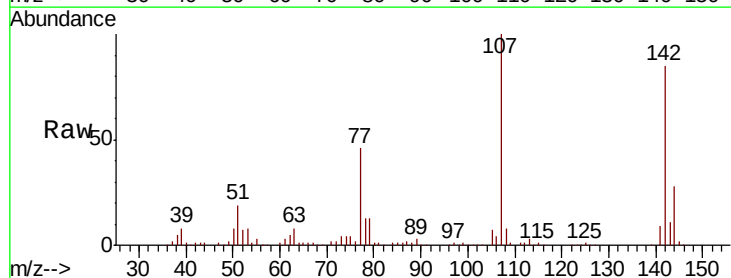
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

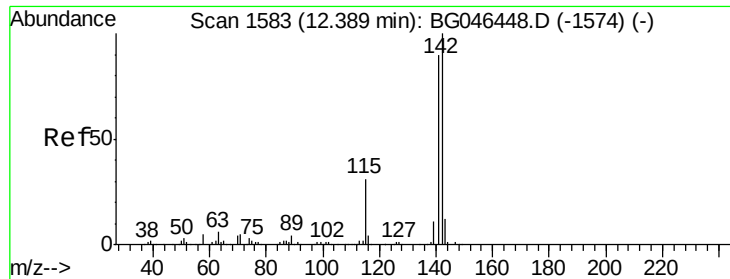
Tot Ion:113 Resp: 43929
Ion Ratio Lower Upper
113 100
55 159.8 144.2 184.2
56 120.8 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 42.094 ng
RT: 12.01 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:107 Resp: 211169
Ion Ratio Lower Upper
107 100
144 27.6 23.3 34.9
142 85.0 73.7 110.5

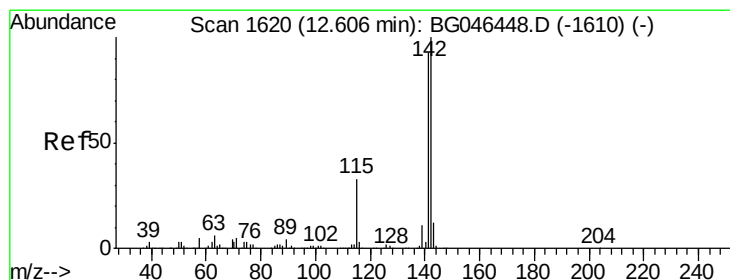
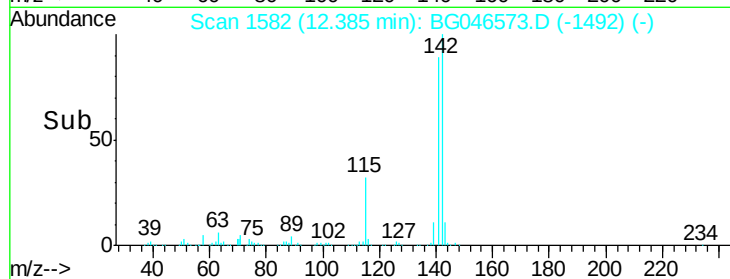
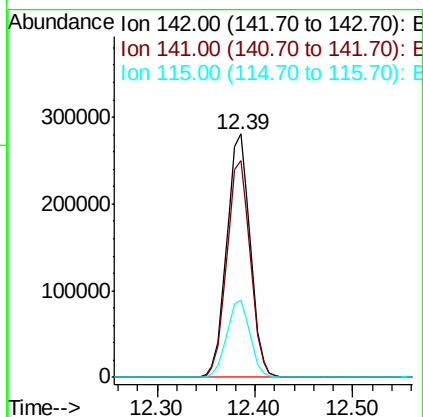
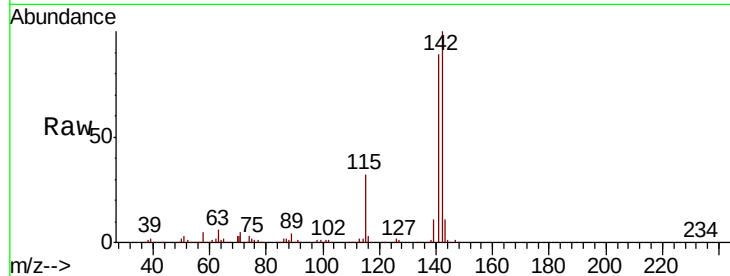




#37
2-Methylnaphthalene
Concen: 39.573 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

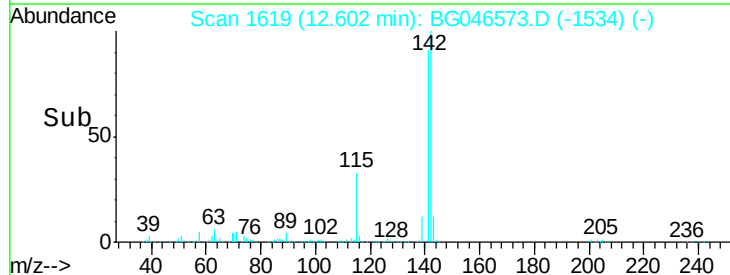
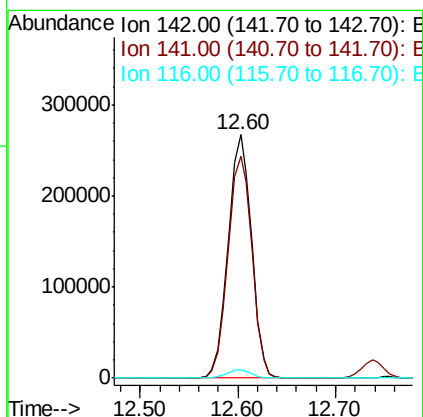
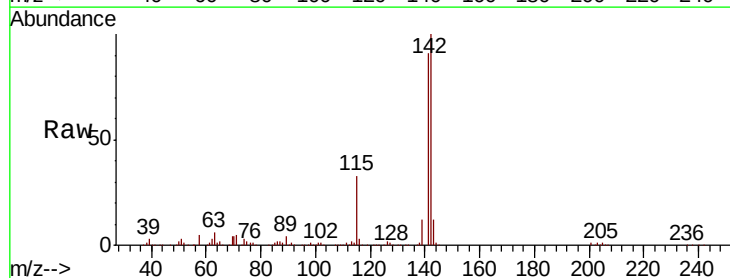
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

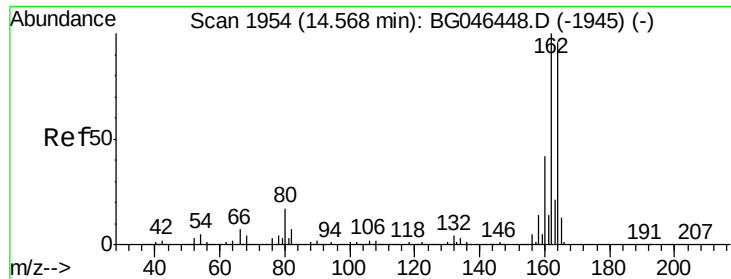
Tot Ion:142 Resp: 467444
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1
115 32.0 24.9 37.3



#38
1-Methylnaphthalene
Concen: 39.633 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:142 Resp: 443445
Ion Ratio Lower Upper
142 100
141 91.0 74.7 112.1
116 3.2 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

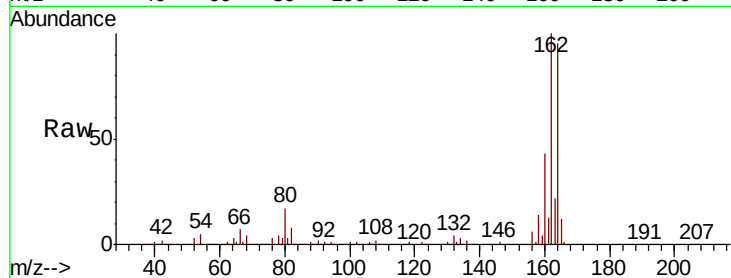
Tot Ion:164 Resp: 212592

Ion Ratio Lower Upper

164 100

162 105.1 83.3 124.9

160 44.9 35.0 52.6

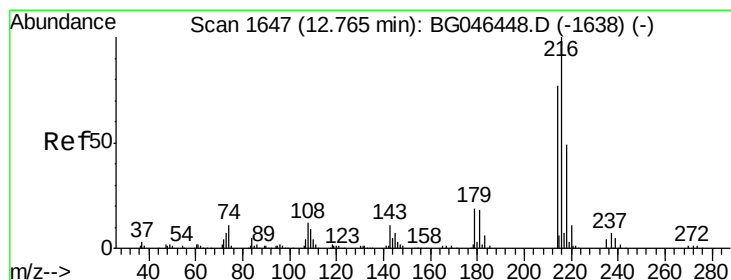
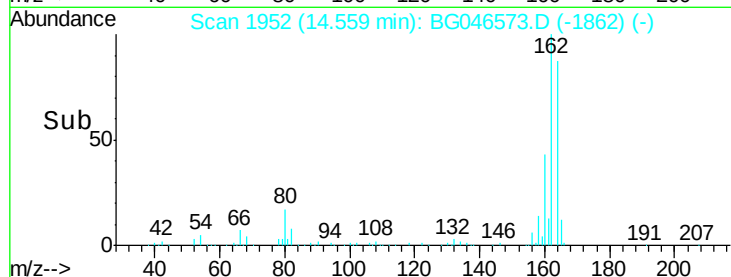
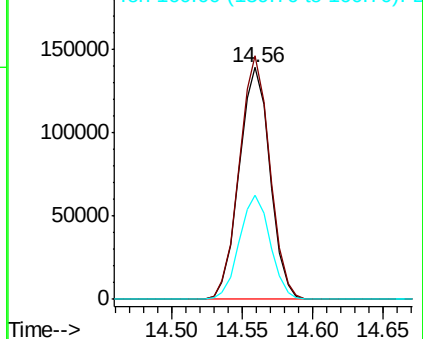


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.565 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Tgt Ion:216 Resp: 277369

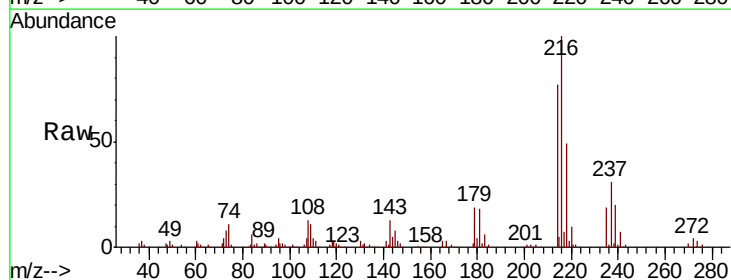
Ion Ratio Lower Upper

216 100

214 77.5 62.1 93.1

179 18.7 14.9 22.3

108 15.1 10.5 15.7



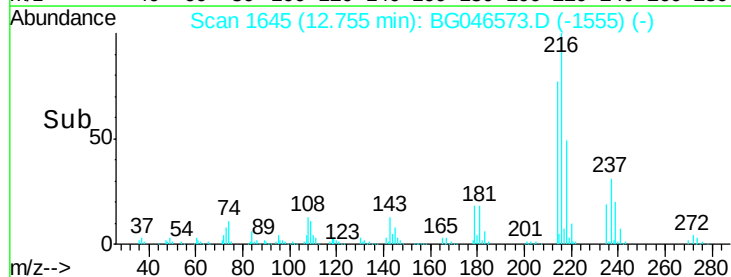
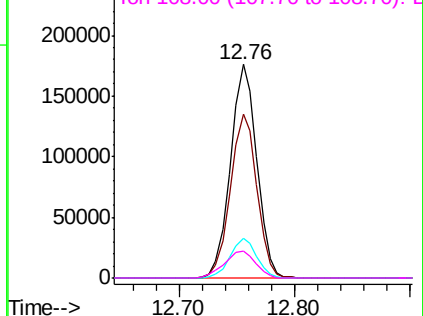
Abundance

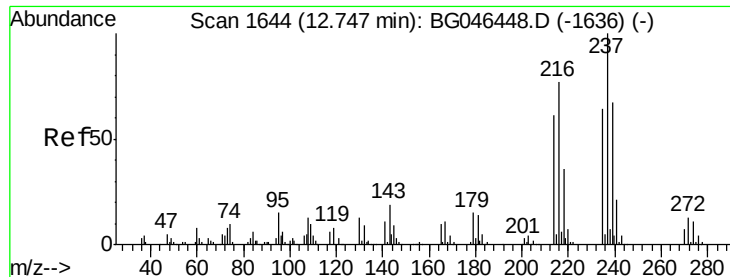
Ion 216.00 (215.70 to 216.70): E

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: 103.172 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

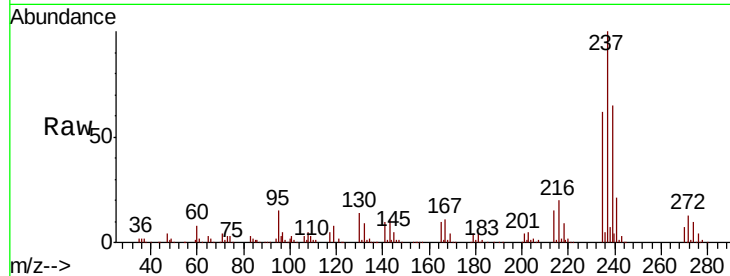
Tot Ion:237 Resp: 314501

Ion Ratio Lower Upper

237 100

235 62.1 44.5 84.5

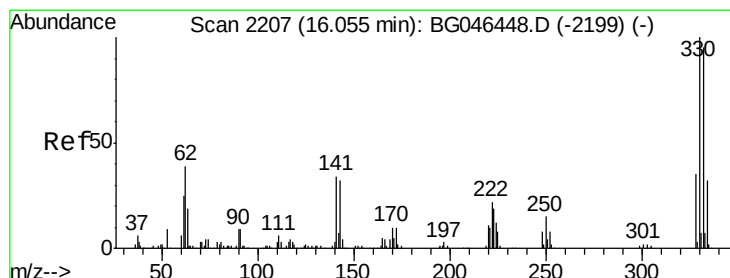
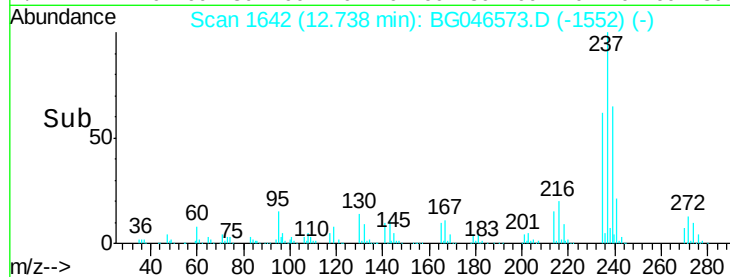
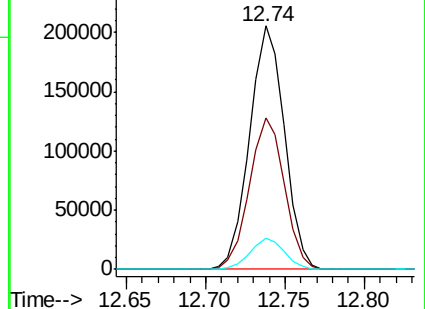
272 13.0 0.0 32.8



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: 94.757 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

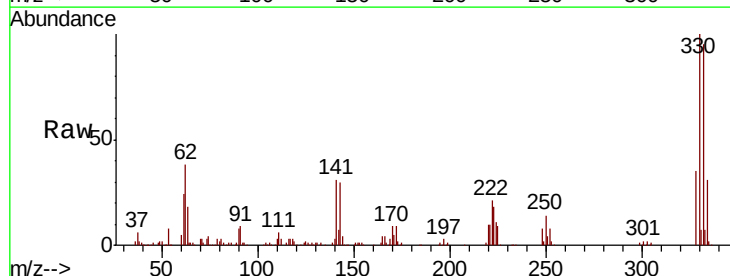
Tgt Ion:330 Resp: 272945

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

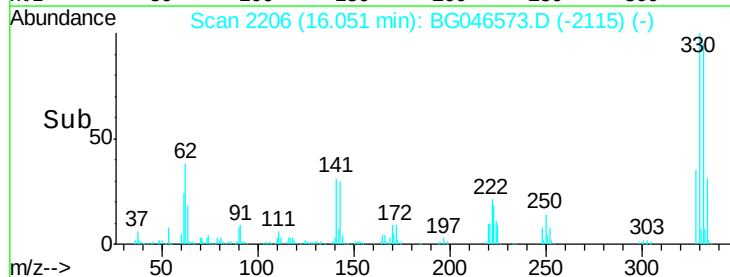
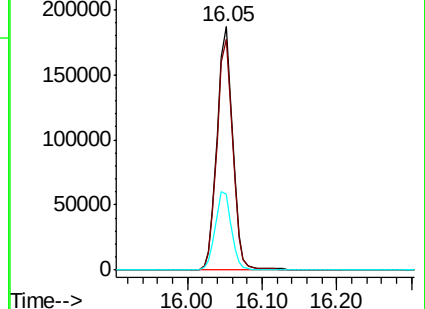
141 33.1 26.1 39.1

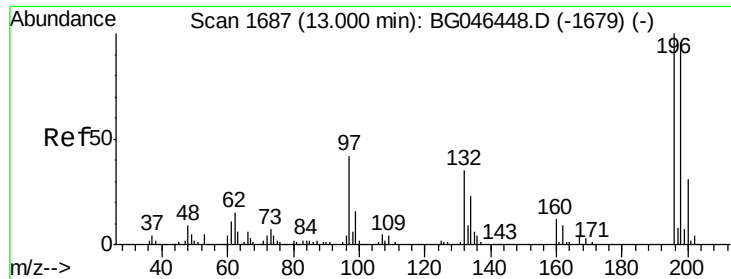


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

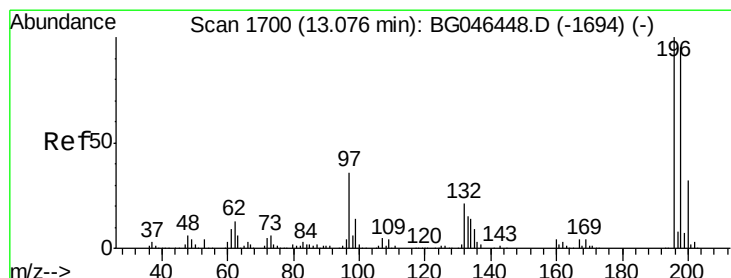
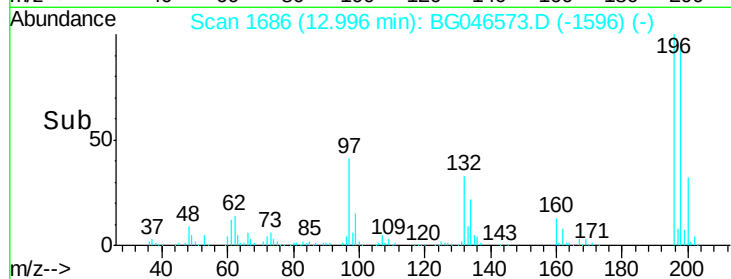
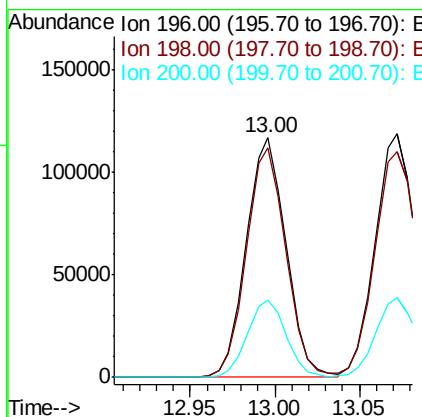
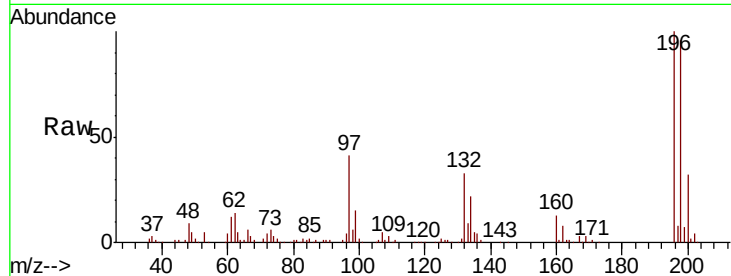




#43
 2,4,6-Trichlorophenol
 Concen: 40.226 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

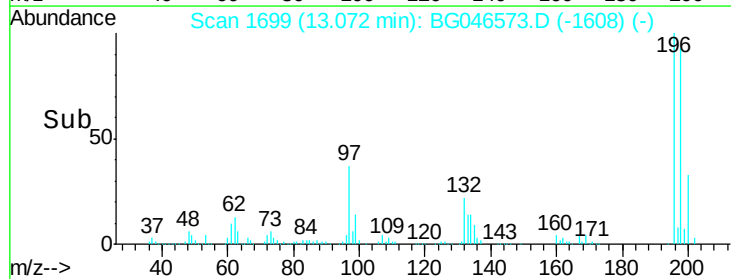
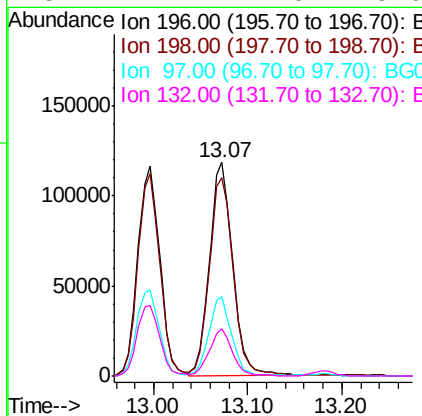
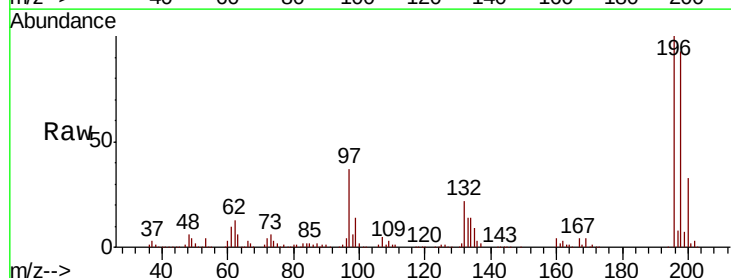
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

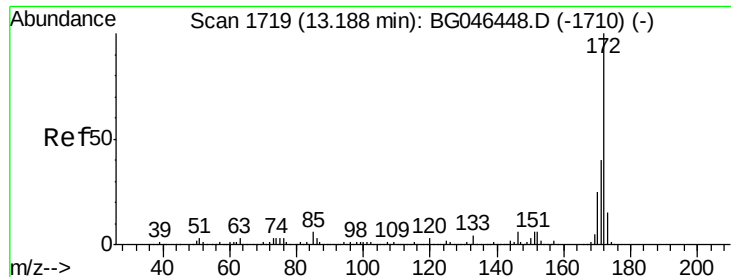
Tot Ion:196 Resp: 190304
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.0 115.6
 200 32.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.619 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Tgt Ion:196 Resp: 206872
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.6 113.4
 97 37.2 28.6 43.0
 132 22.4 17.0 25.6

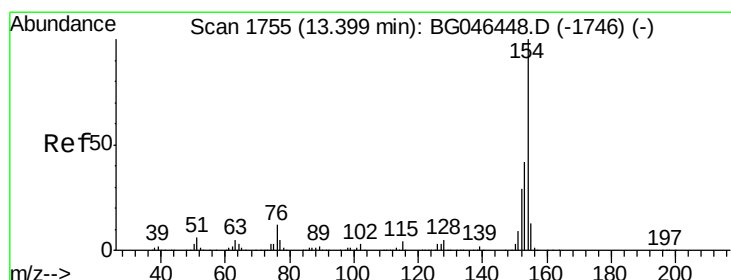
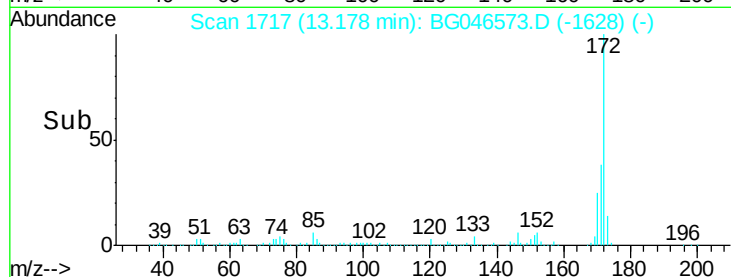
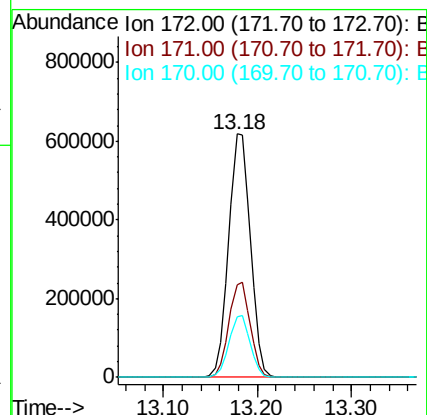
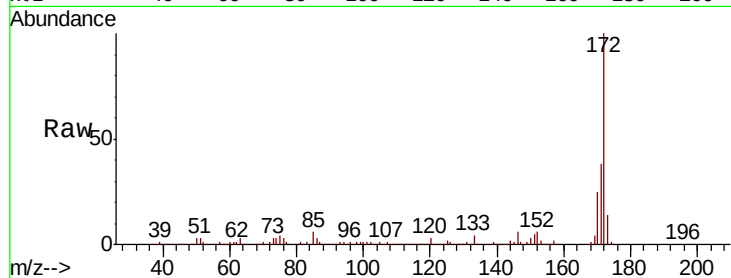




#45
2-Fluorobiphenyl
Concen: 71.657 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

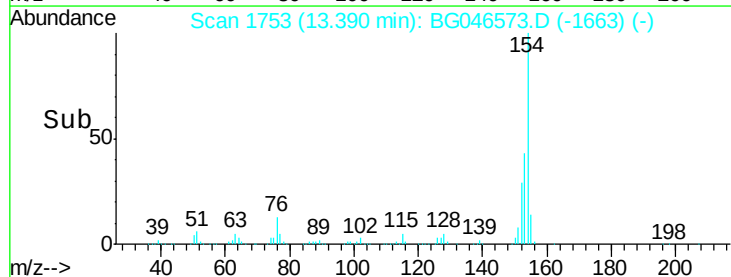
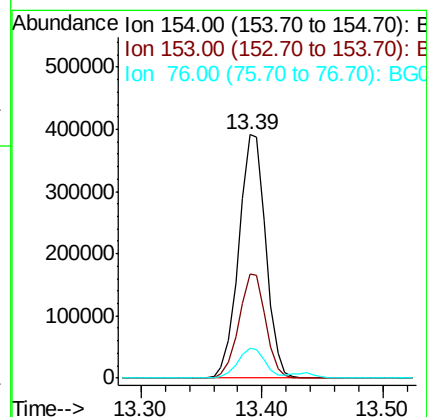
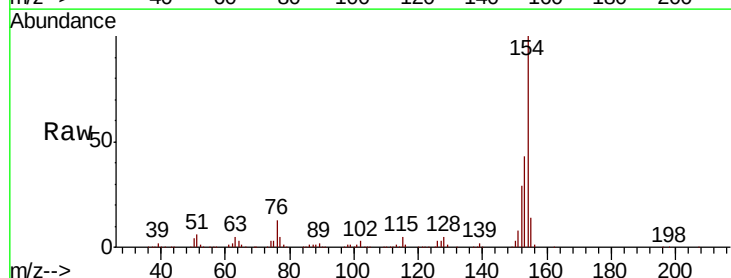
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

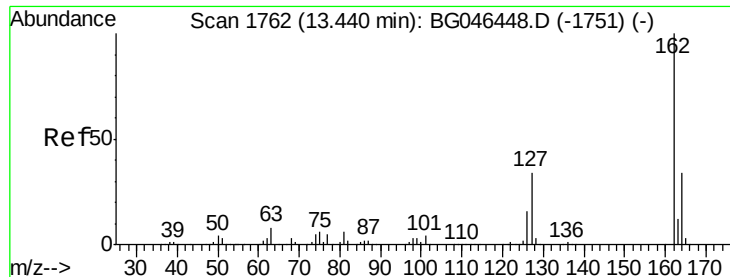
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	24.8	20.3	30.5



#46
1,1'-Biphenyl
Concen: 41.167 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	12.5	0.0	32.3

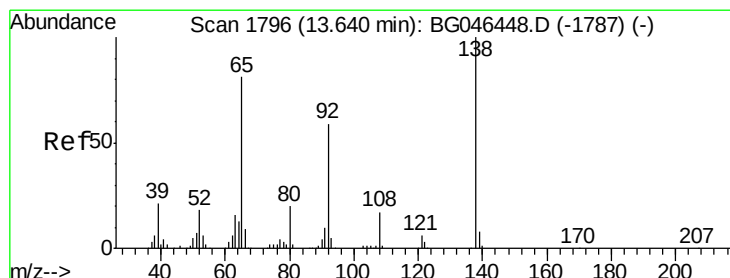
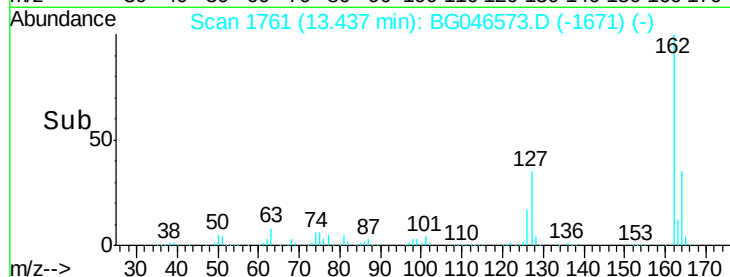
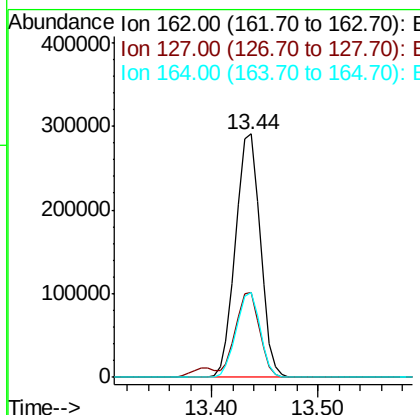
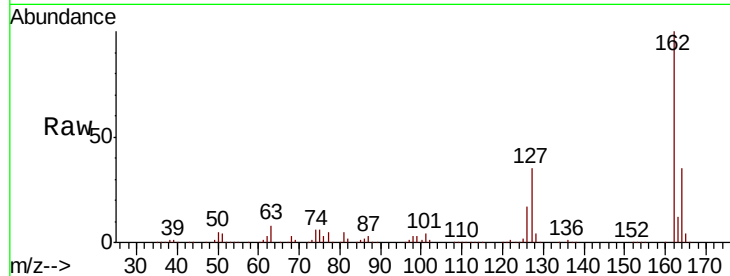




#47
 2-Chloronaphthalene
 Concen: 37.472 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

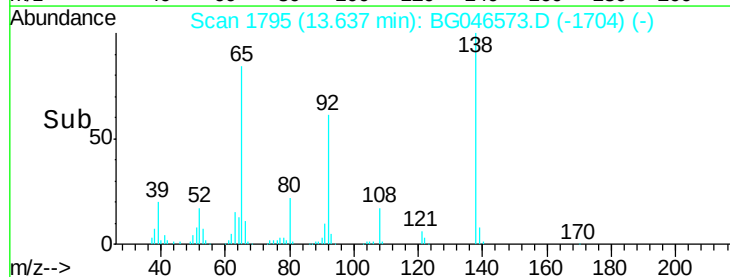
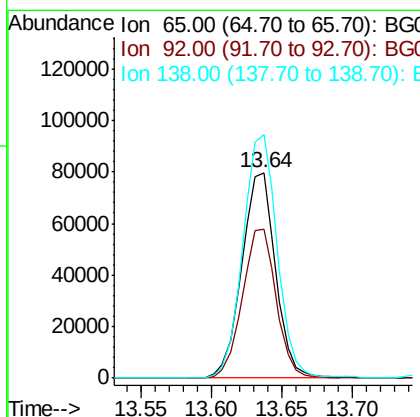
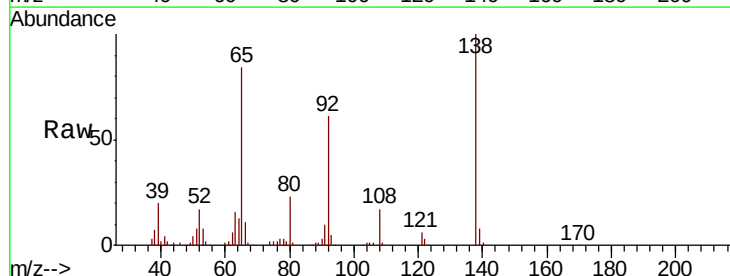
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

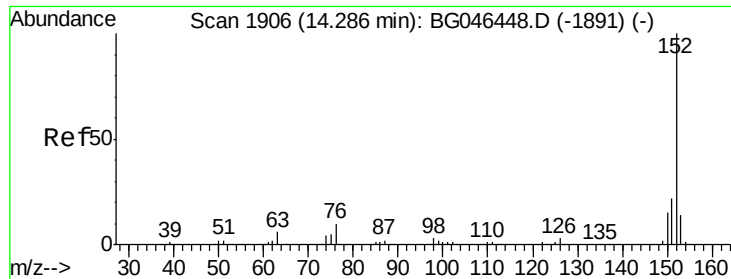
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	27.6	41.4
164	35.1	27.3	40.9



#48
 2-Nitroaniline
 Concen: 38.387 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	58.5	87.7
138	118.5	98.4	147.6





#49

Acenaphthylene

Concen: 40.403 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

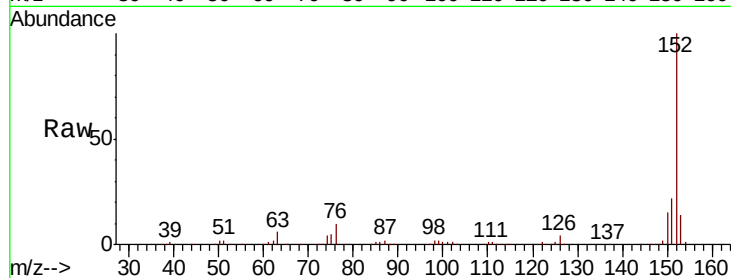
Tot Ion:152 Resp: 768595

Ion Ratio Lower Upper

152 100

151 21.6 17.7 26.5

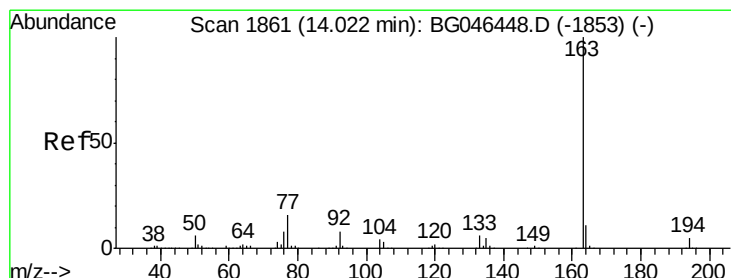
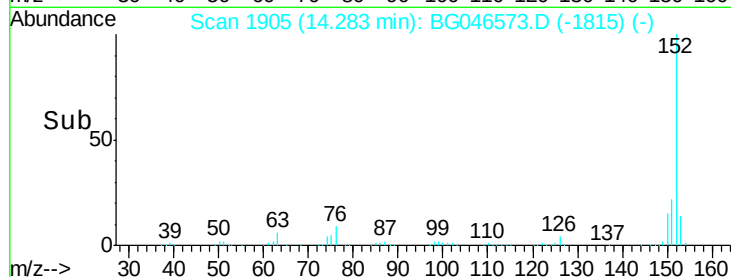
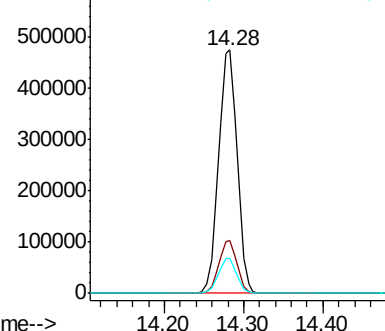
153 14.2 11.2 16.8



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: 38.008 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

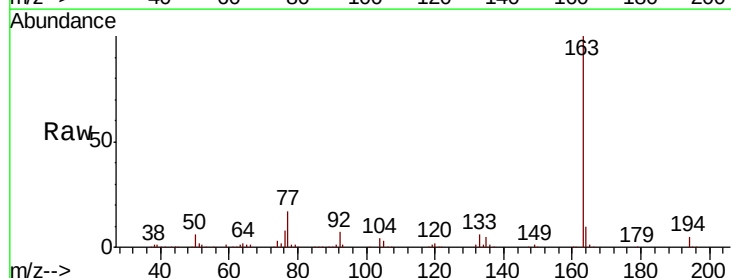
Tgt Ion:163 Resp: 625132

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

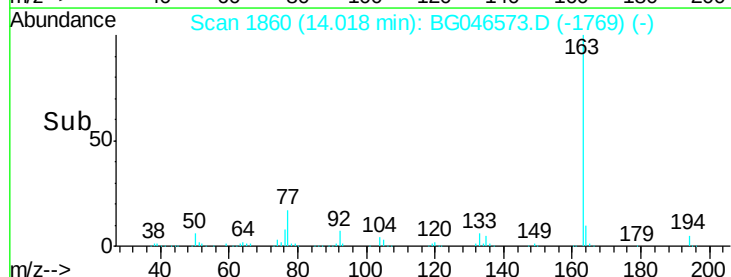
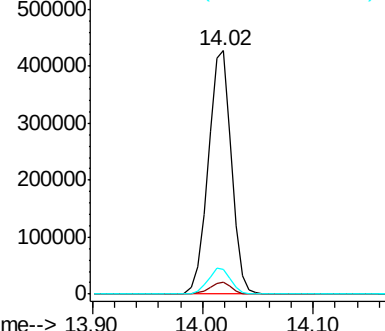
164 10.4 8.6 12.8

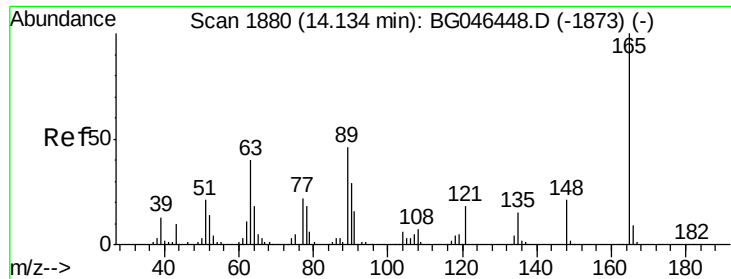


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

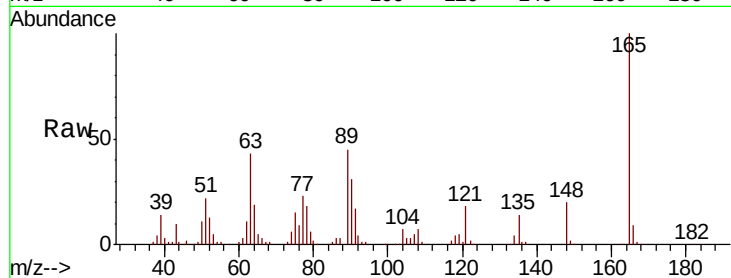




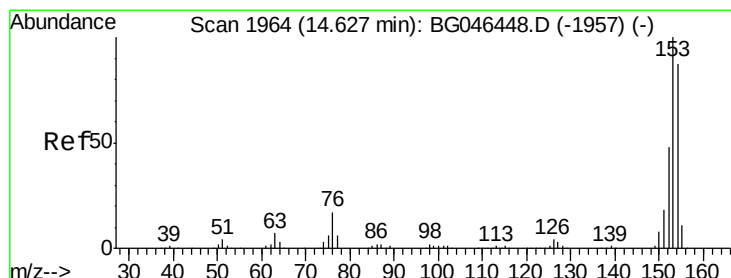
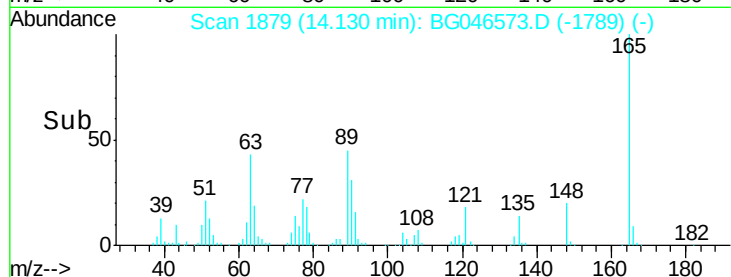
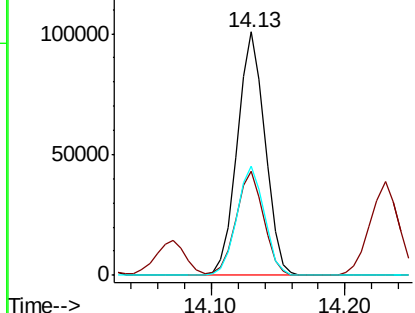
#51
 2,6-Dinitrotoluene
 Concen: 39.976 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

Tot Ion:165 Resp: 144932
 Ion Ratio Lower Upper
 165 100
 63 42.9 34.2 51.4
 89 44.7 37.0 55.4

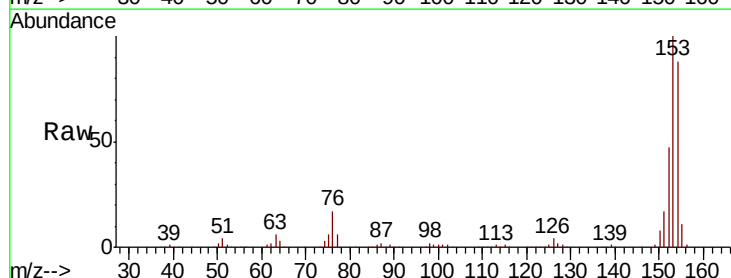


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

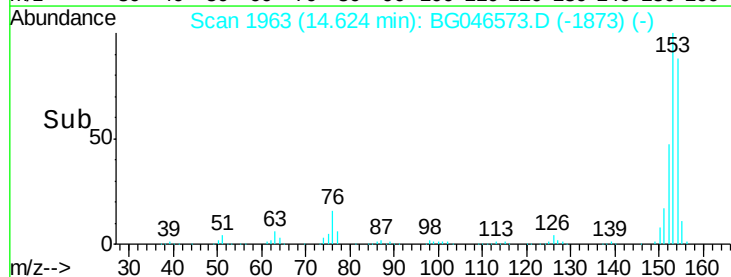
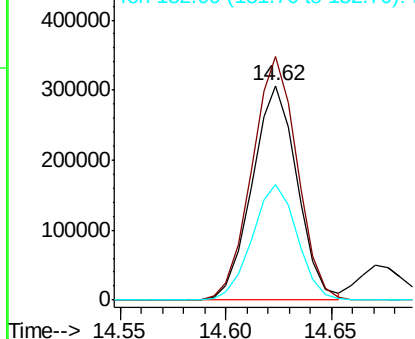


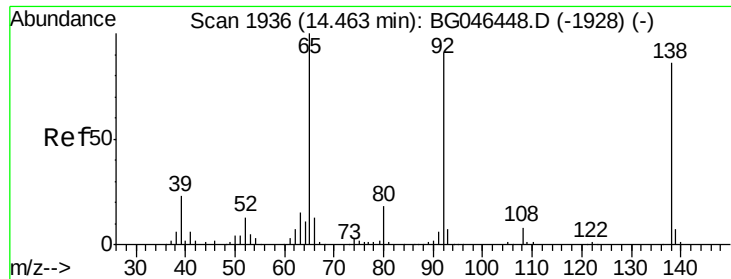
#52
 Acenaphthene
 Concen: 38.589 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Tgt Ion:154 Resp: 454903
 Ion Ratio Lower Upper
 154 100
 153 113.7 91.9 137.9
 152 53.8 43.8 65.6



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: 29.340 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

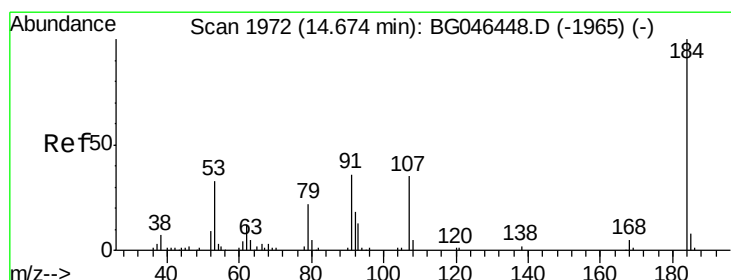
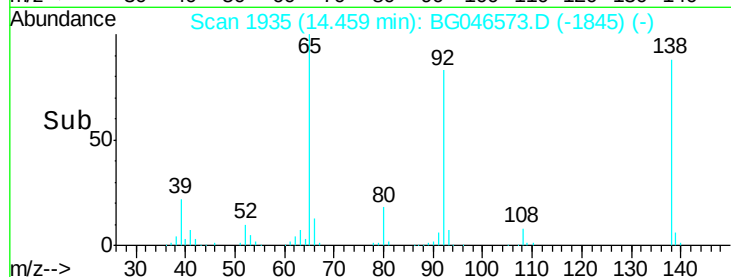
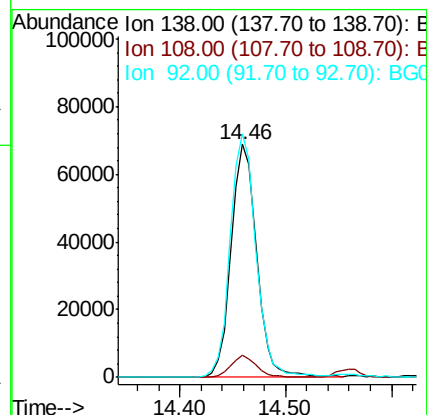
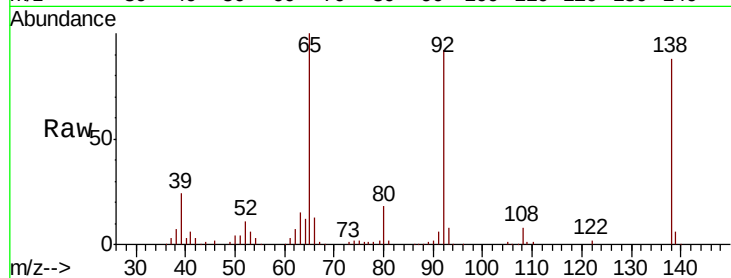
Tot Ion:138 Resp: 115224

Ion Ratio Lower Upper

138 100

108 9.5 7.0 10.6

92 104.4 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 79.637 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

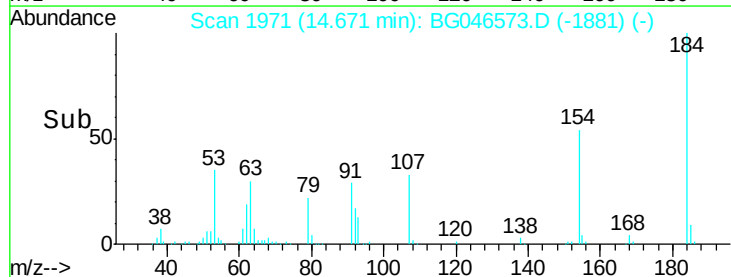
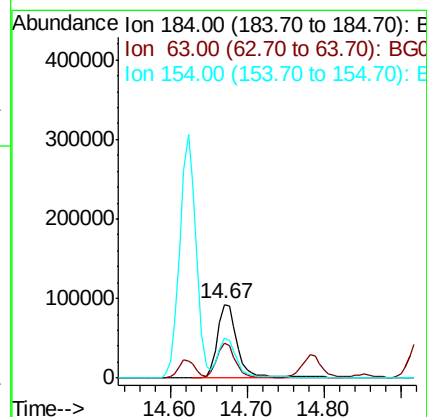
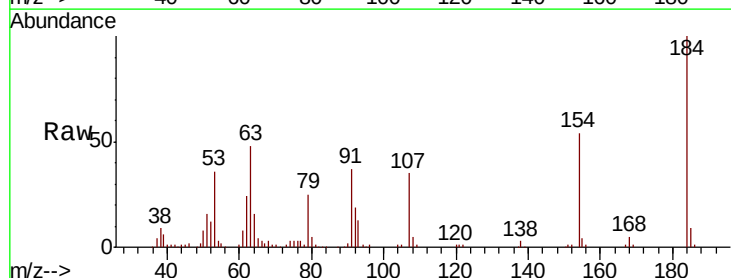
Tgt Ion:184 Resp: 168532

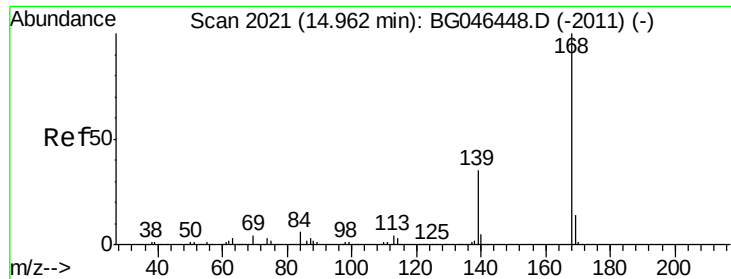
Ion Ratio Lower Upper

184 100

63 47.7 35.6 53.4

154 54.5 44.3 66.5

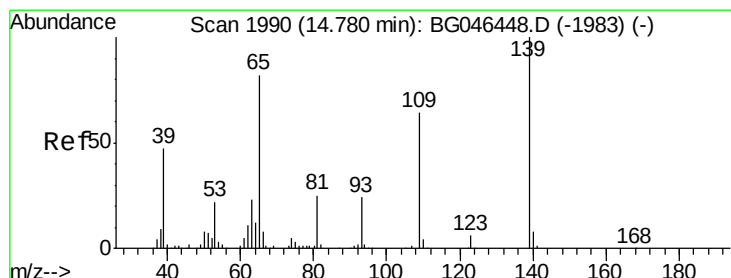
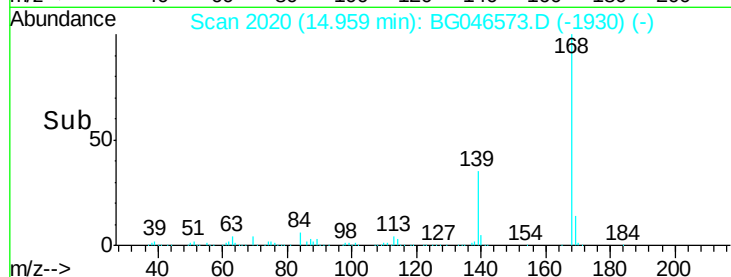
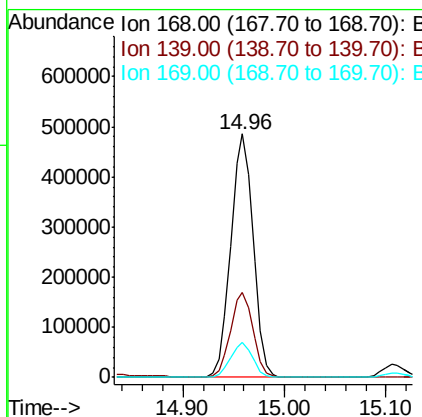
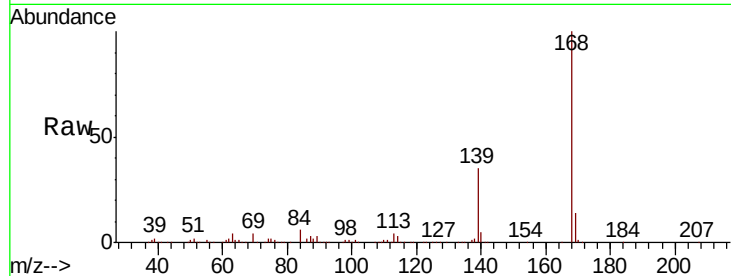




#55
Dibenzofuran
Concen: 39.216 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

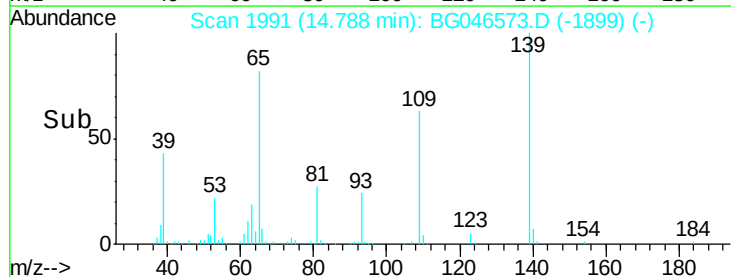
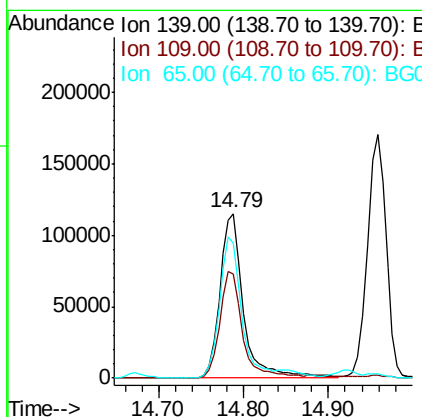
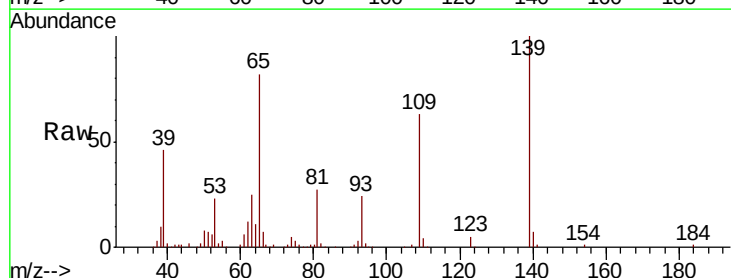
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

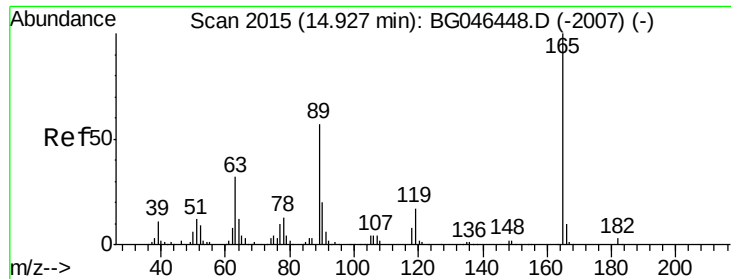
Tot Ion:168 Resp: 741904
Ion Ratio Lower Upper
168 100
139 35.1 28.1 42.1
169 14.1 11.5 17.3



#56
4-Nitrophenol
Concen: 77.316 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:139 Resp: 223463
Ion Ratio Lower Upper
139 100
109 63.0 44.3 84.3
65 82.1 61.5 101.5

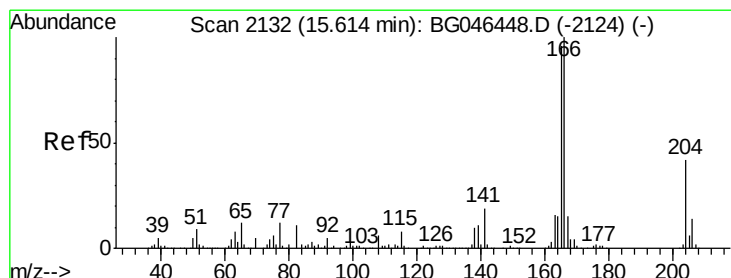
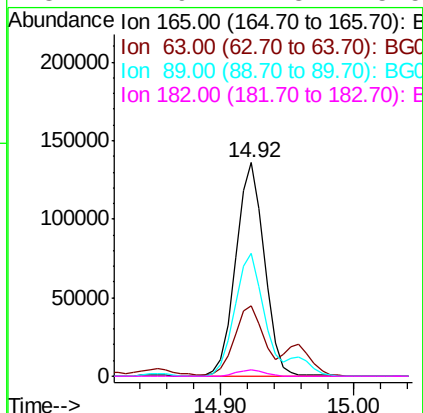
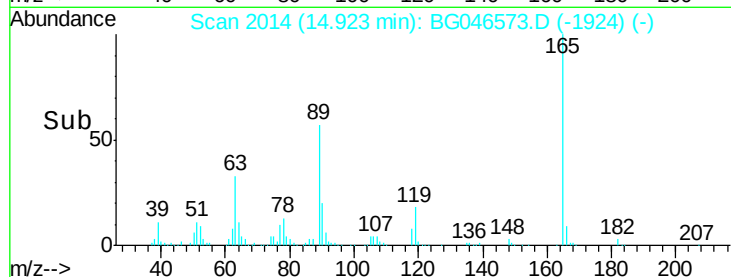
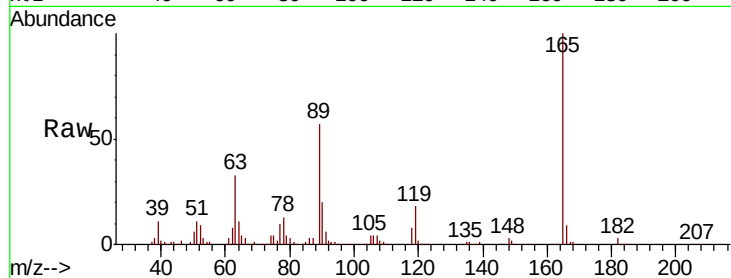




#57
2,4-Dinitrotoluene
Concen: 39.031 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

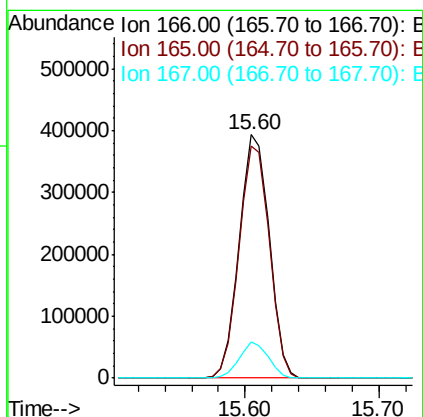
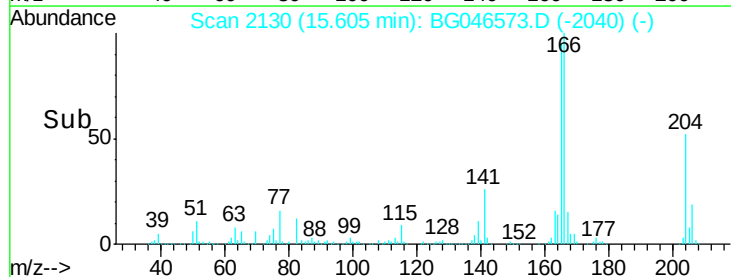
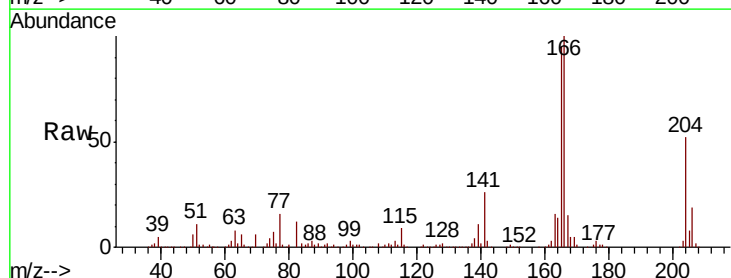
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

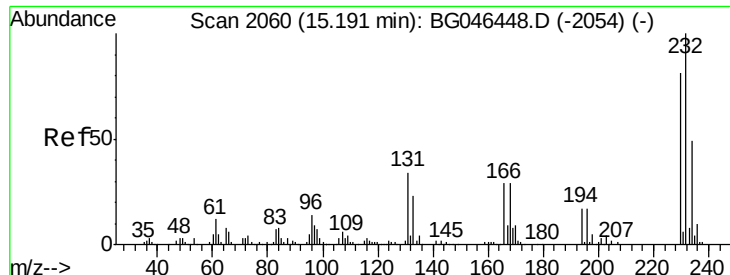
Tot Ion:165	Resp:	201775
Ion	Ratio	Lower Upper
165	100	
63	33.1	25.4 38.0
89	57.3	45.9 68.9
182	2.9	2.3 3.5



#58
Fluorene
Concen: 38.543 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:166	Resp:	611993
Ion	Ratio	Lower Upper
166	100	
165	95.4	77.0 115.4
167	14.6	11.8 17.6

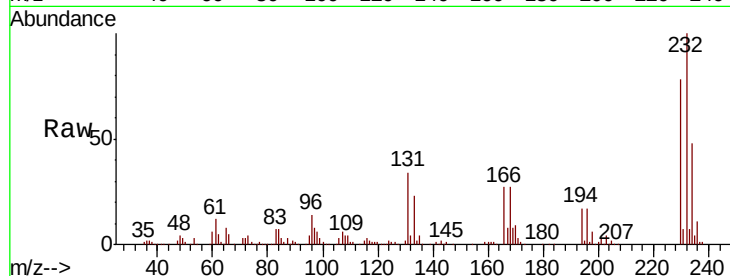




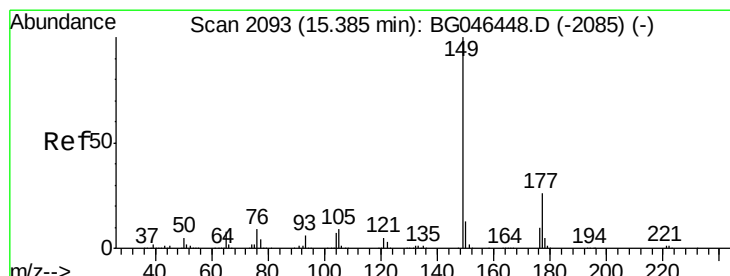
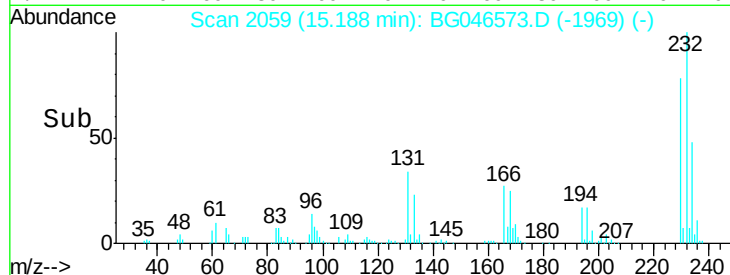
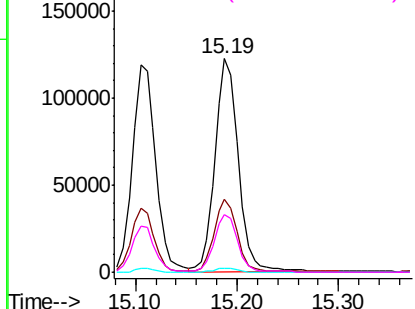
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.351 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion:	232	Resp:	194767
Ion	Ratio	Lower	Upper
232	100		
131	33.1	26.8	40.2
130	1.8	1.4	2.2
166	27.3	22.8	34.2

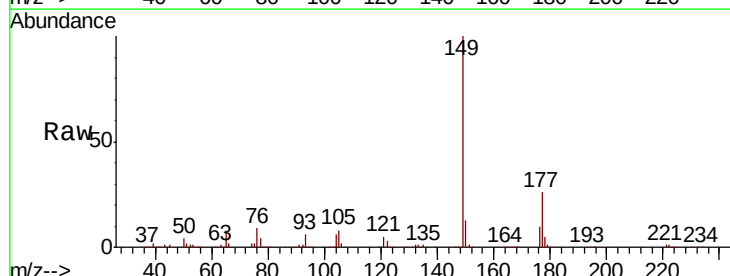


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

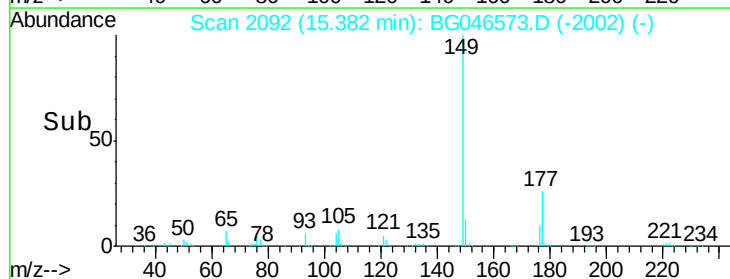
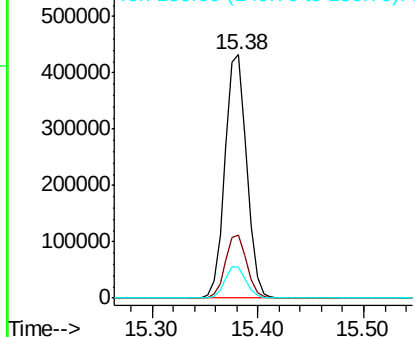


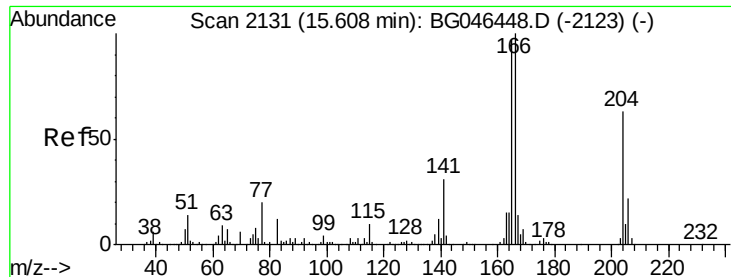
#60
Diethylphthalate
Concen: 38.233 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:	149	Resp:	613097
Ion	Ratio	Lower	Upper
149	100		
177	25.9	20.6	30.8
150	12.7	10.3	15.5



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

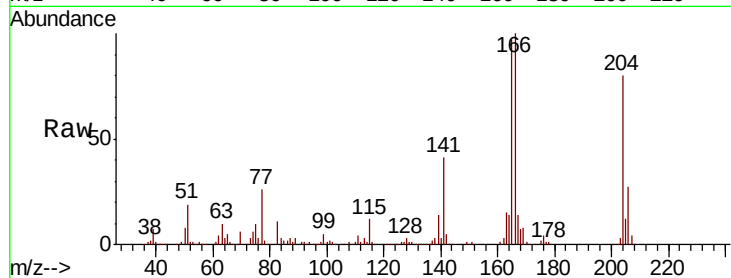




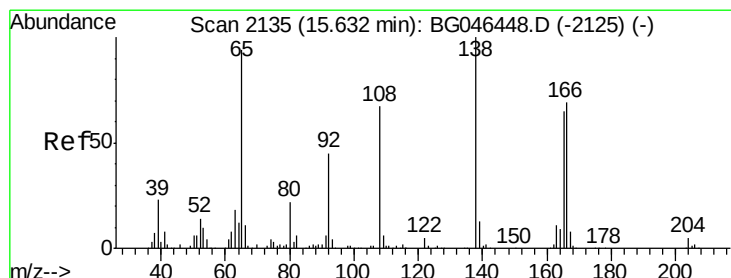
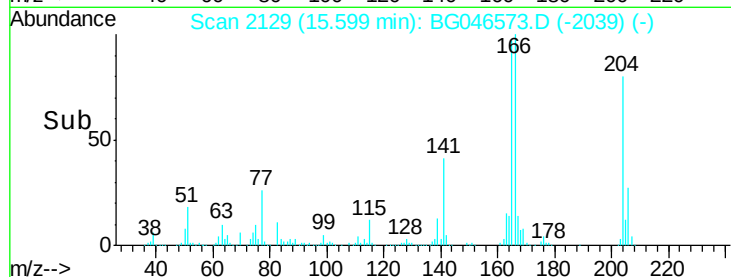
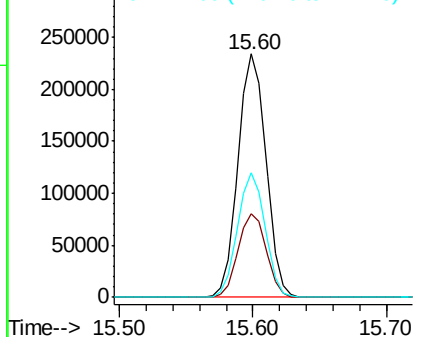
#61
4-Chlorophenyl-phenylether
Concen: 38.751 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion:204 Resp: 338871
Ion Ratio Lower Upper
204 100
206 34.1 27.7 41.5
141 51.0 38.7 58.1

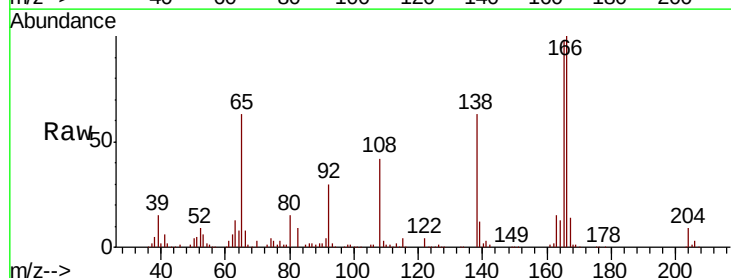


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

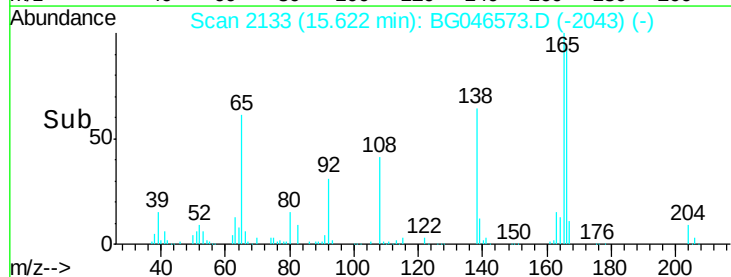
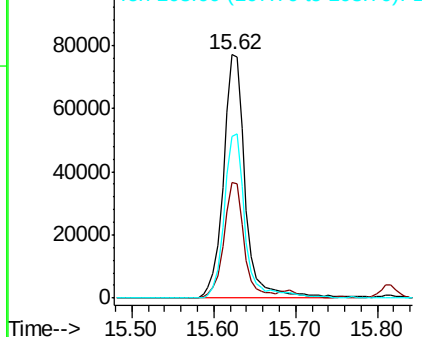


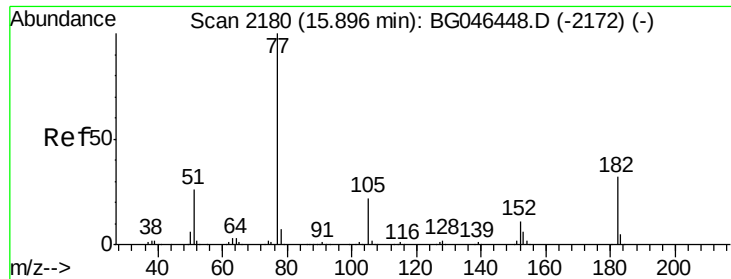
#62
4-Nitroaniline
Concen: 34.561 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:138 Resp: 143215
Ion Ratio Lower Upper
138 100
92 47.4 25.3 65.3
108 66.4 46.7 86.7



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

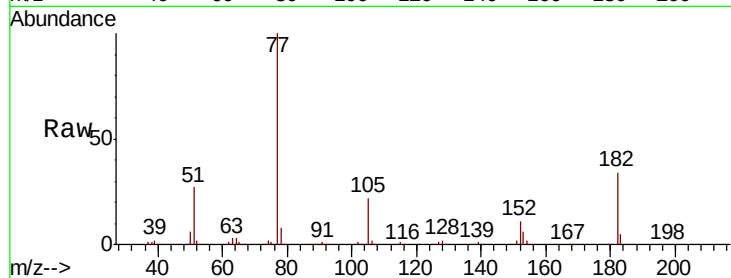




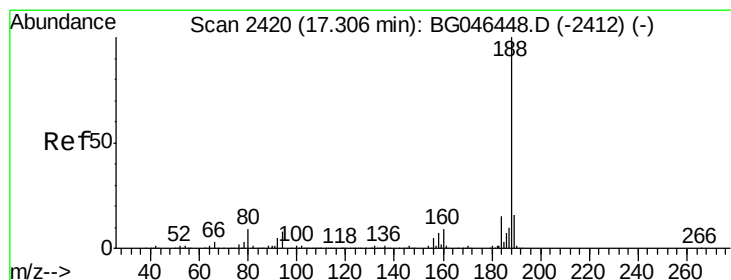
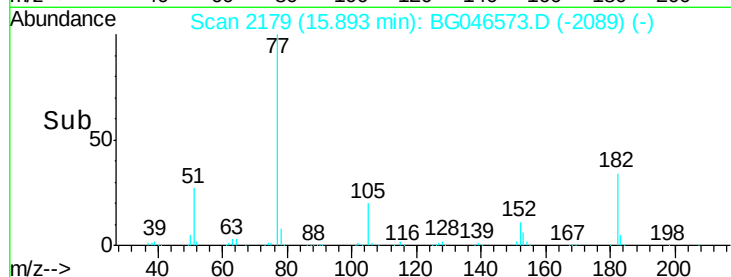
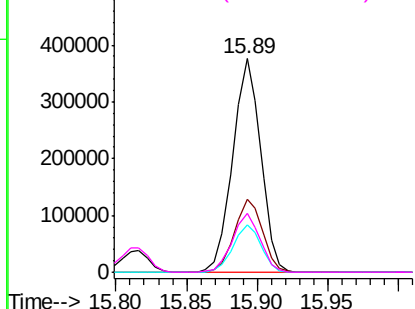
#63
Azobenzene
Concen: 39.791 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion:	77	Resp:	519039
Ion	Ratio	Lower	Upper
77	100		
182	34.0	12.3	52.3
105	22.1	2.3	42.3
51	27.3	6.5	46.5

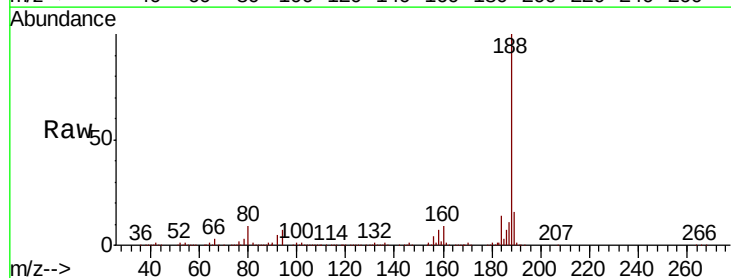


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

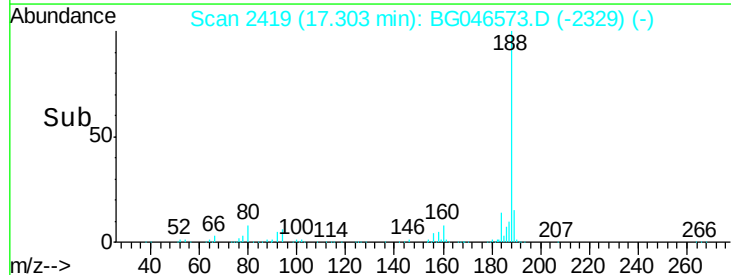
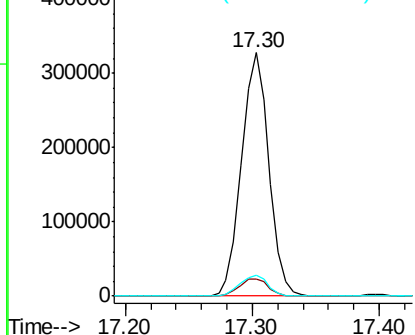


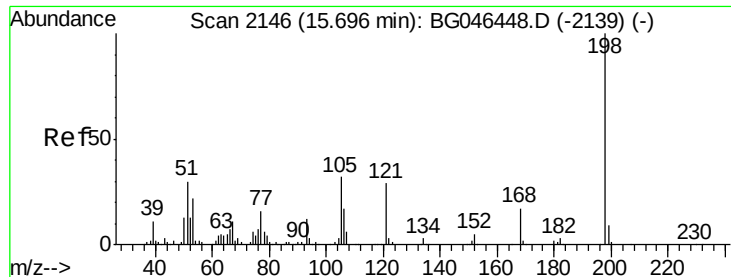
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:	188	Resp:	489346
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.3	9.5
80	8.6	6.9	10.3



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: 45.286 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

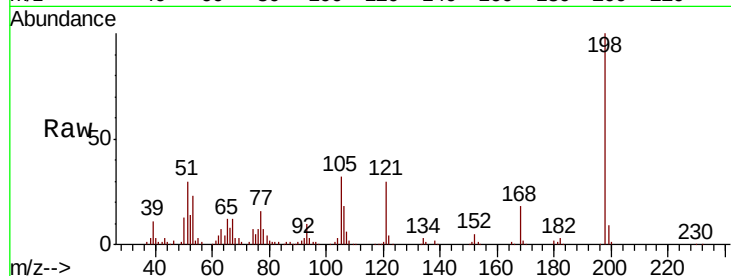
Tot Ion:198 Resp: 125431

Ion	Ratio	Lower	Upper
198	100		
51	29.9	10.4	50.4
105	32.3	12.4	52.4

198 100

51 29.9 10.4 50.4

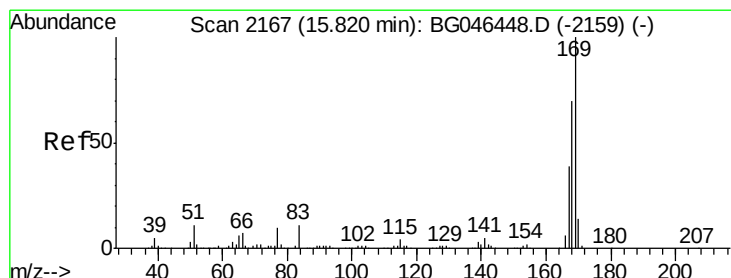
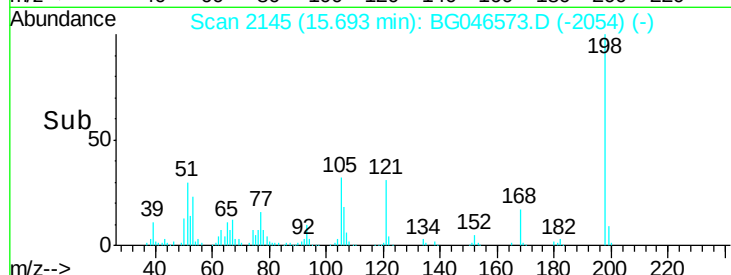
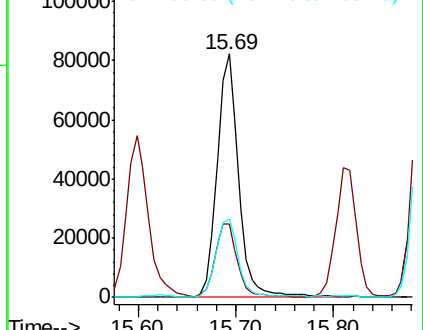
105 32.3 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.163 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

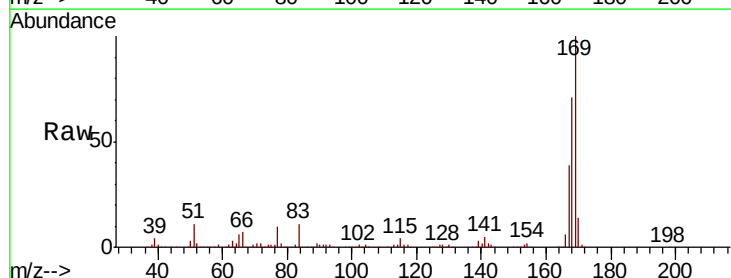
Tgt Ion:169 Resp: 556616

Ion	Ratio	Lower	Upper
169	100		
168	70.7	55.8	83.8
167	39.0	31.0	46.6

169 100

168 70.7 55.8 83.8

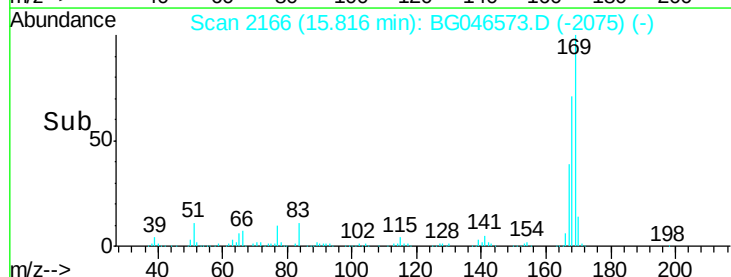
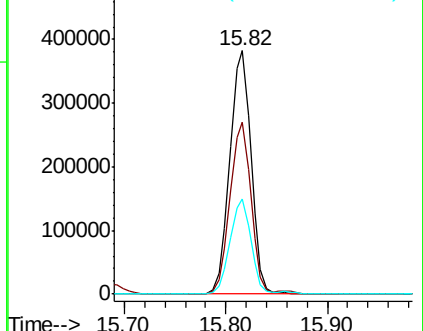
167 39.0 31.0 46.6

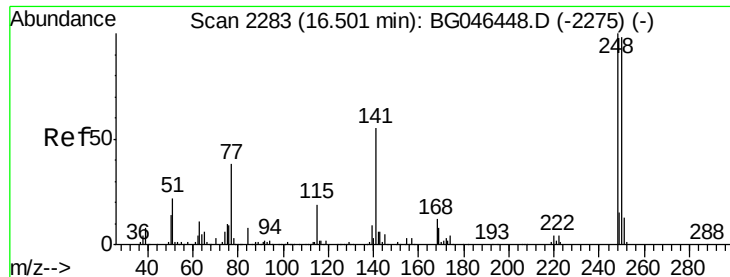


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

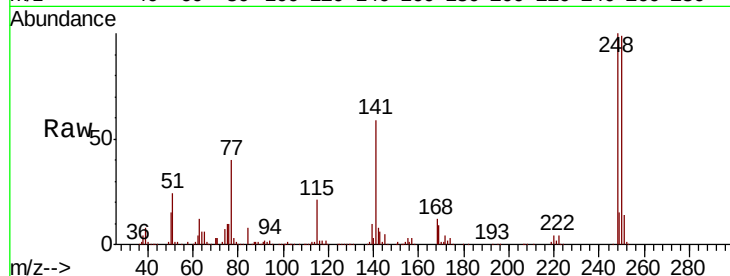




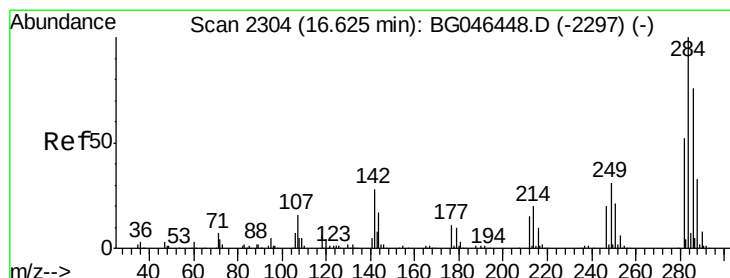
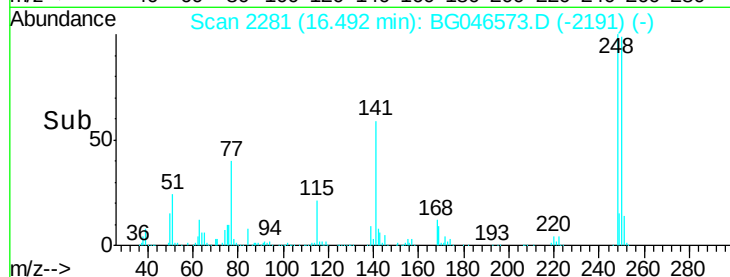
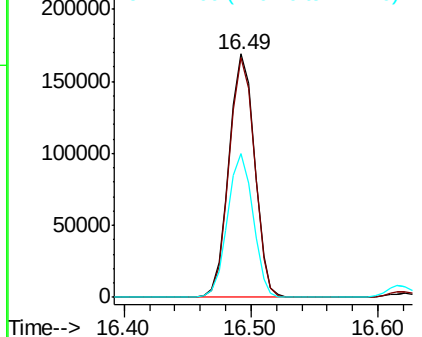
#67
 4-Bromophenyl-phenylether
 Concen: 41.277 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.6	118.0
141	59.2	43.9	65.9

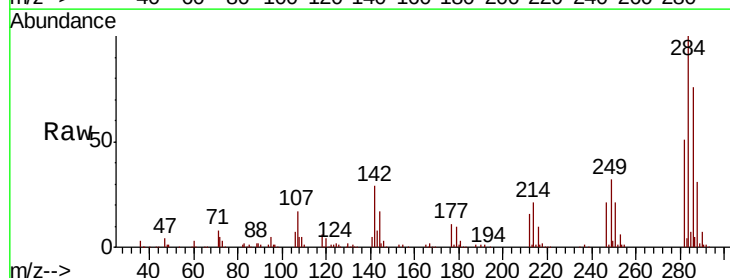


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

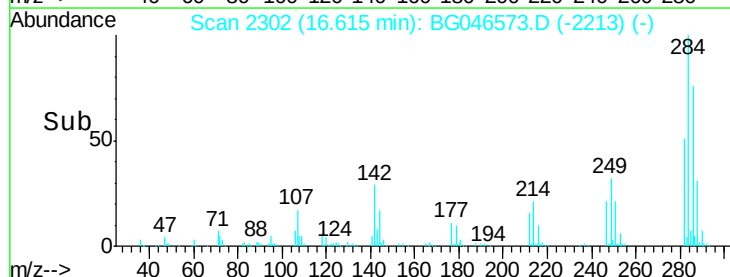
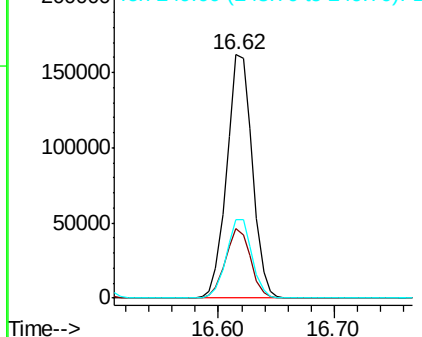


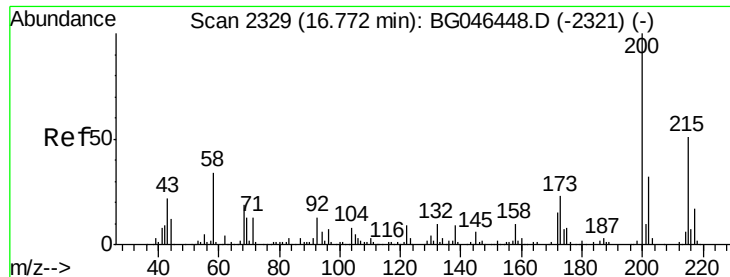
#68
 Hexachlorobenzene
 Concen: 39.078 ng
 RT: 16.62 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	22.3	33.5
249	32.5	24.8	37.2



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: 38.335 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

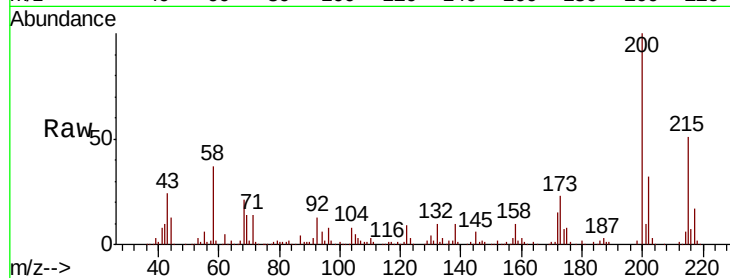
Tot Ion:200 Resp: 206457

Ion Ratio Lower Upper

200 100

173 23.4 3.3 43.3

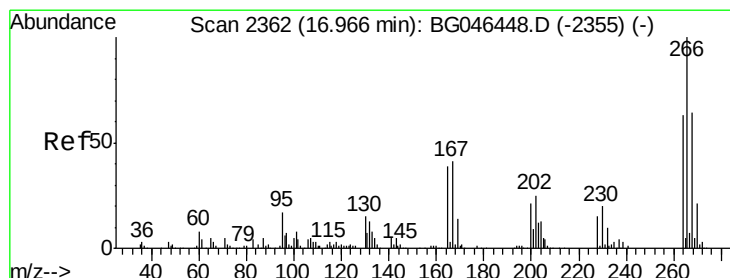
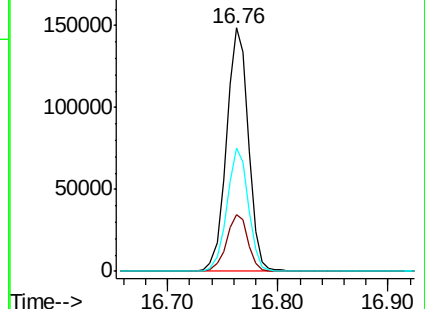
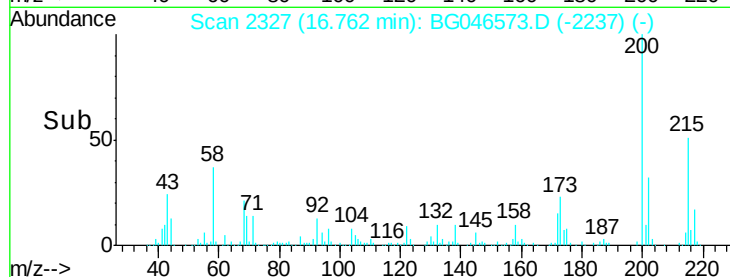
215 50.5 30.9 70.9



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: 82.796 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

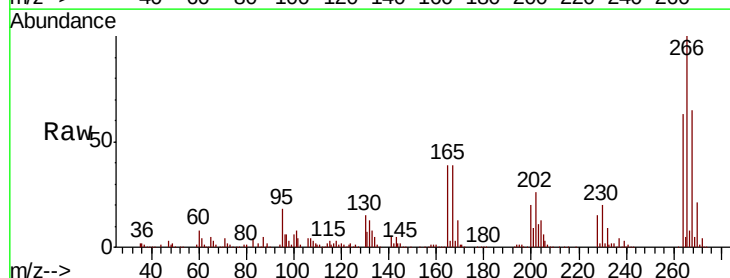
Tgt Ion:266 Resp: 273515

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

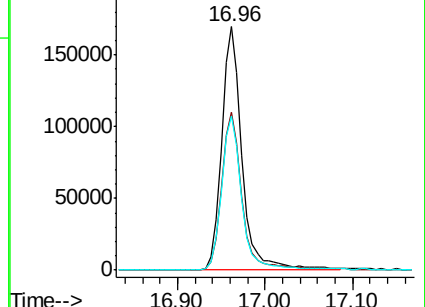
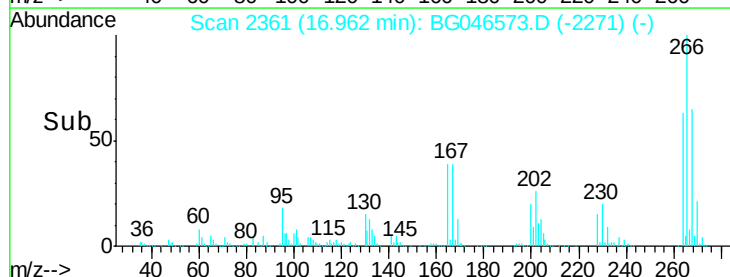
264 63.3 50.2 75.2

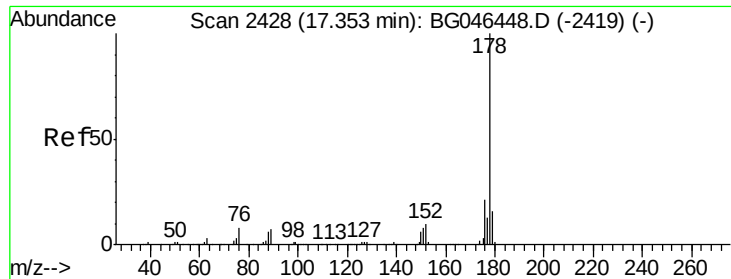


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

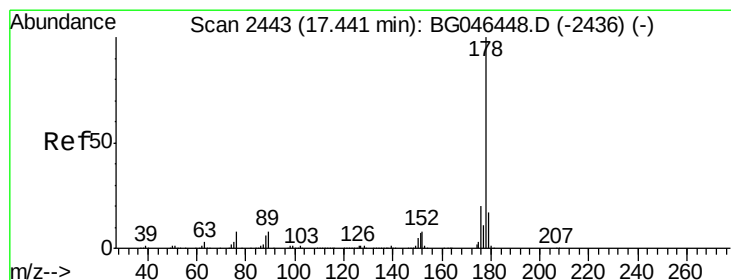
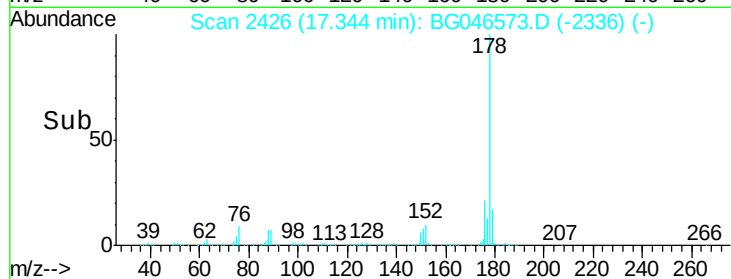
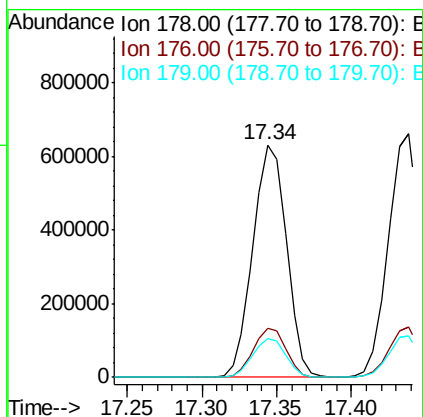
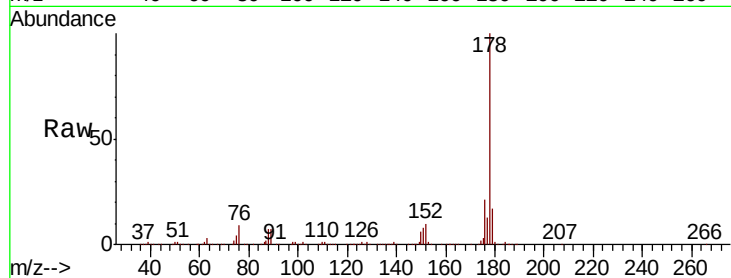




#71
Phenanthrene
Concen: 39.823 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

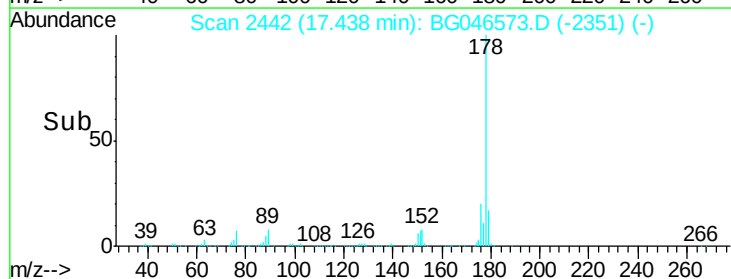
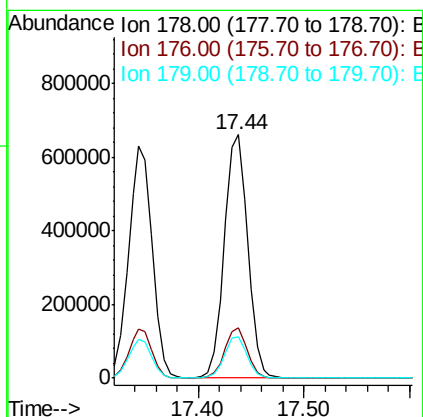
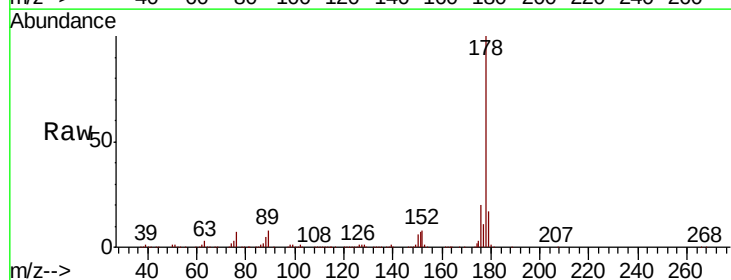
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

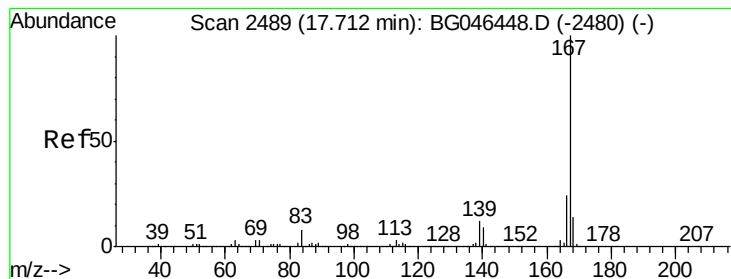
Tot Ion:178 Resp: 987747
Ion Ratio Lower Upper
178 100
176 20.9 16.8 25.2
179 16.6 13.2 19.8



#72
Anthracene
Concen: 41.339 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:178 Resp: 1011653
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 17.0 13.3 19.9





#73

Carbazole

Concen: 39.280 ng

RT: 17.70 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

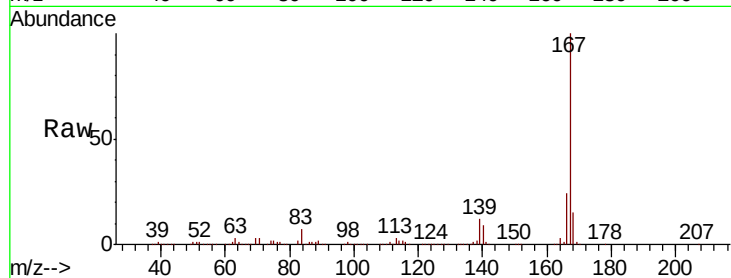
Tot Ion:167 Resp: 907578

Ion Ratio Lower Upper

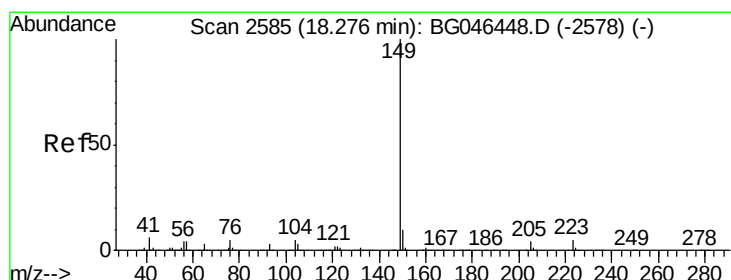
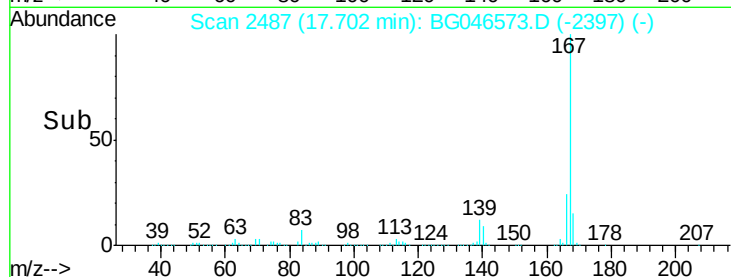
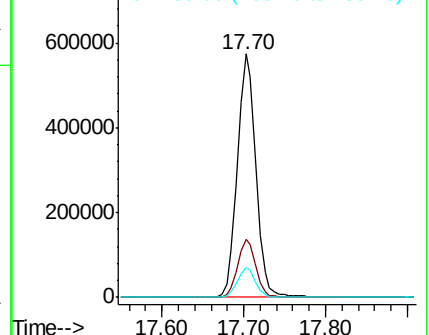
167 100

166 23.8 19.3 28.9

139 12.3 9.7 14.5



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



#74

Di-n-butylphthalate

Concen: 39.141 ng

RT: 18.27 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

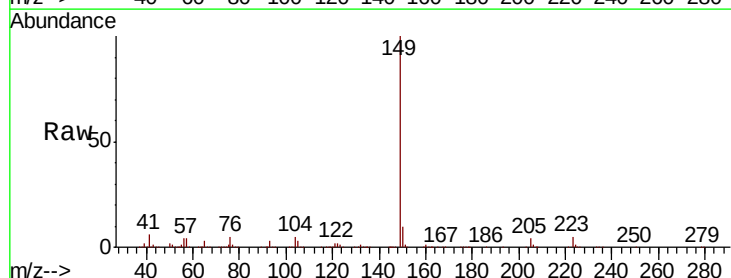
Tgt Ion:149 Resp: 1039931

Ion Ratio Lower Upper

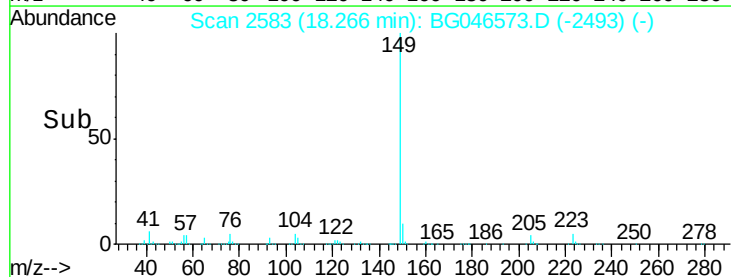
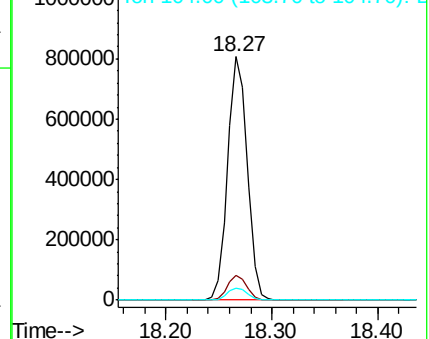
149 100

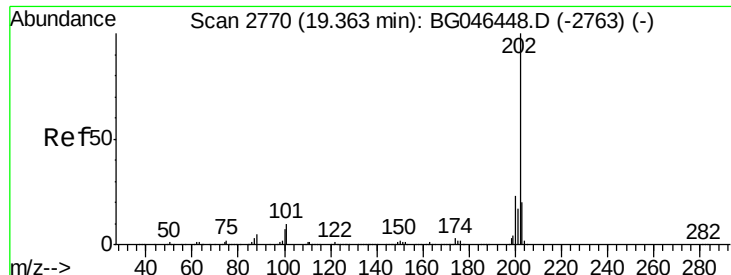
150 10.1 8.1 12.1

104 4.9 4.0 6.0



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





#75

Fluoranthene

Concen: 38.482 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

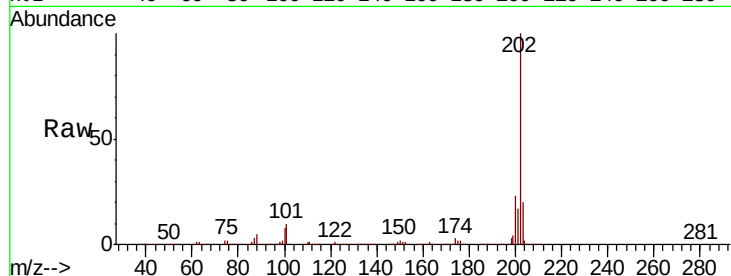
Tot Ion:202 Resp: 1228311

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

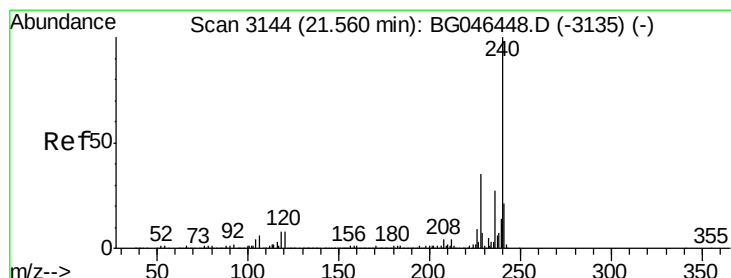
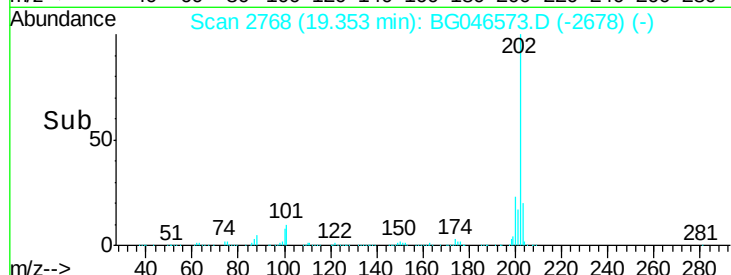
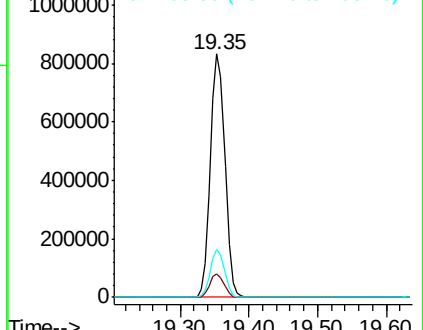
203 19.6 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

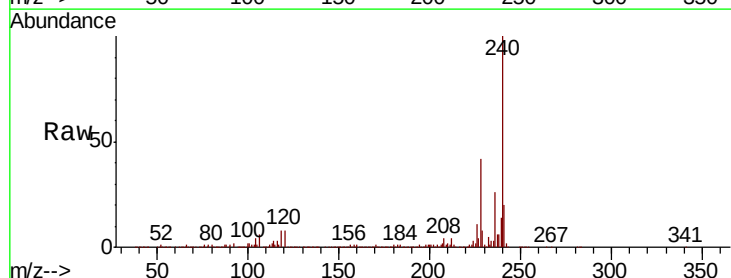
Tgt Ion:240 Resp: 466942

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

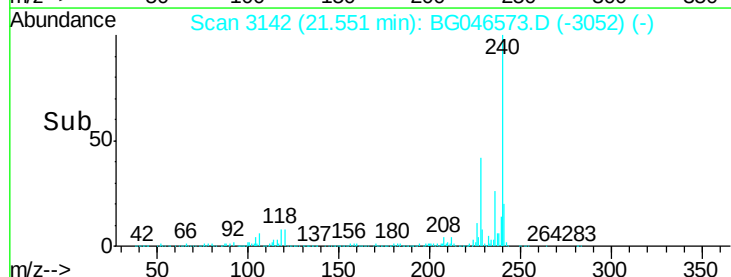
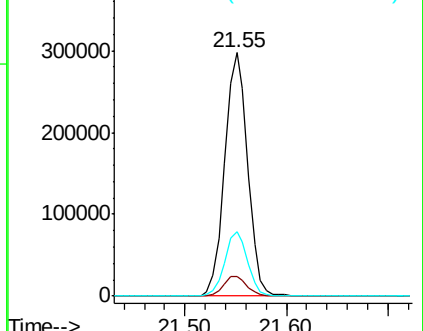
236 26.2 21.4 32.2

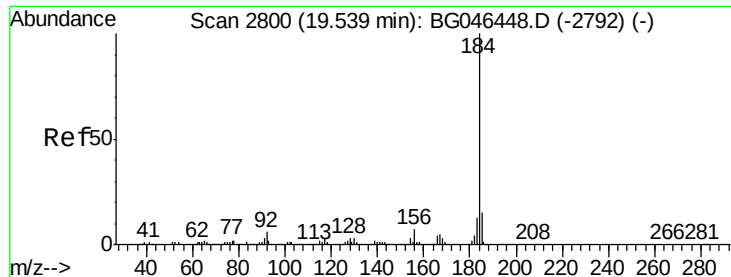


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.910 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

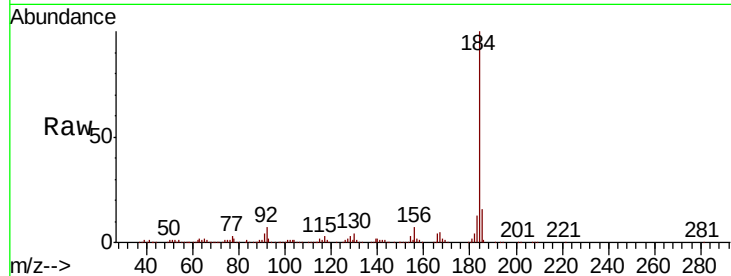
Tot Ion:184 Resp: 595791

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.8

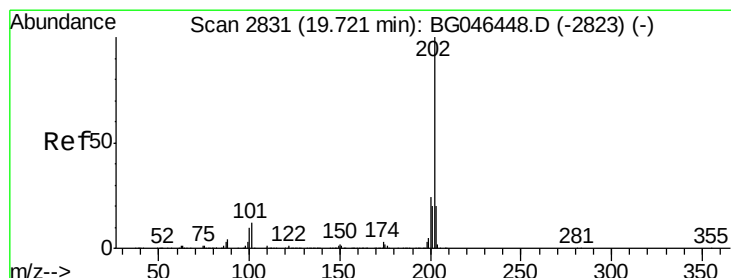
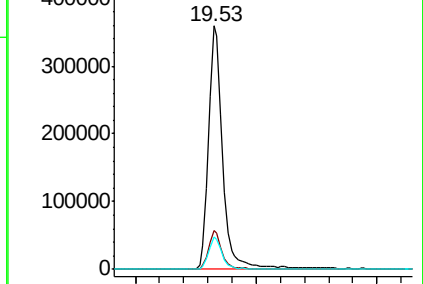
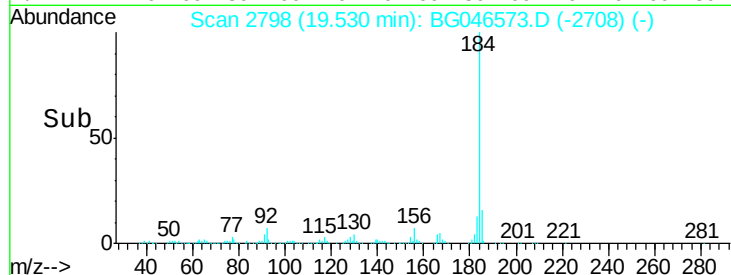
183 13.1 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.766 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

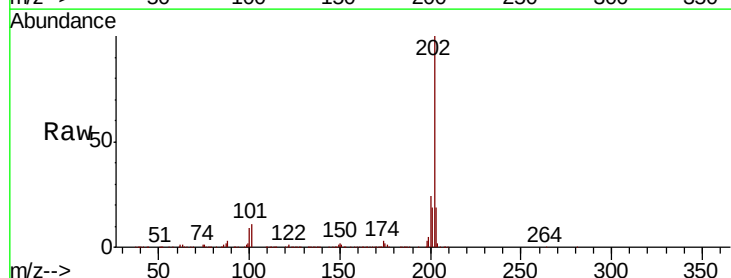
Tgt Ion:202 Resp: 1212146

Ion Ratio Lower Upper

202 100

200 23.7 18.9 28.3

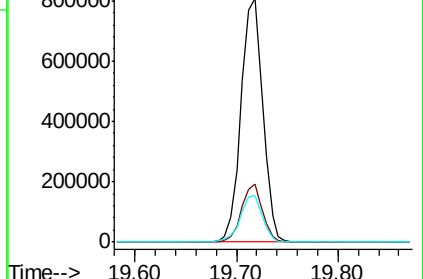
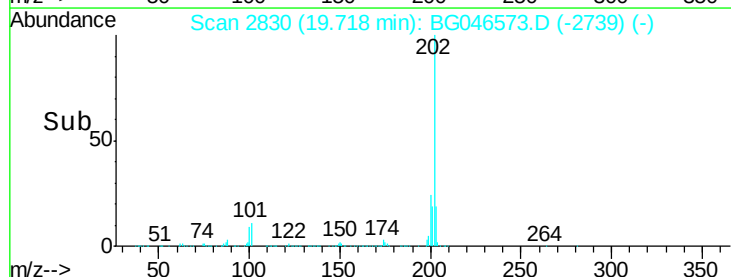
203 19.3 16.1 24.1

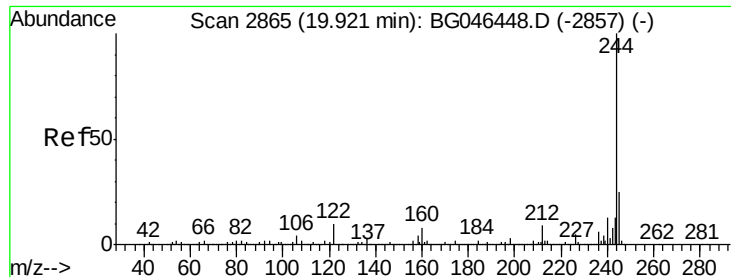


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



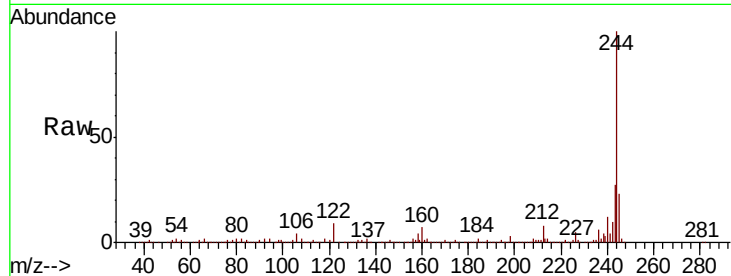


#79
 Terphenyl-d14
 Concen: 68.133 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

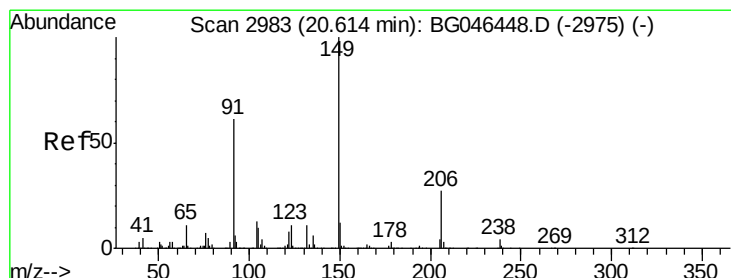
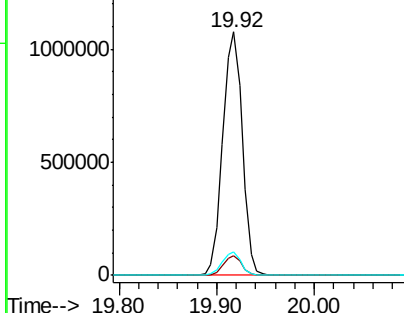
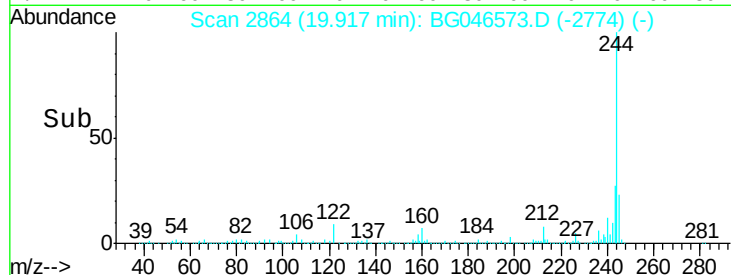
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

Tot Ion:244 Resp: 1494905

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.4	8.2	12.4



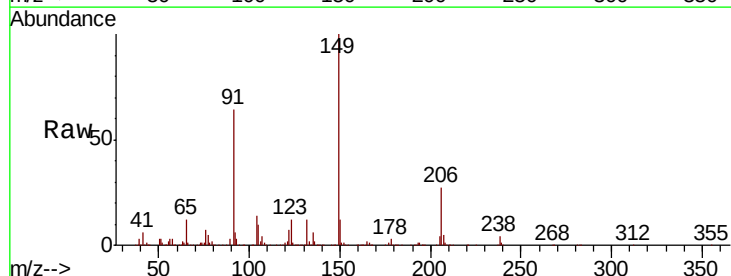
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



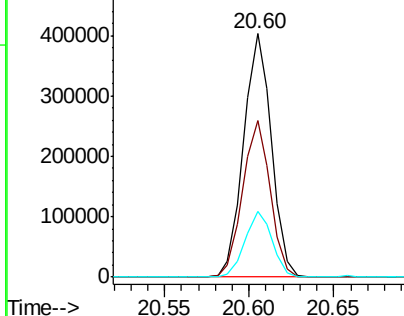
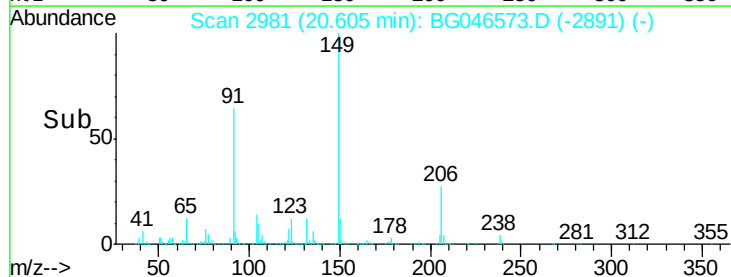
#80
 Butylbenzylphthalate
 Concen: 40.019 ng
 RT: 20.60 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

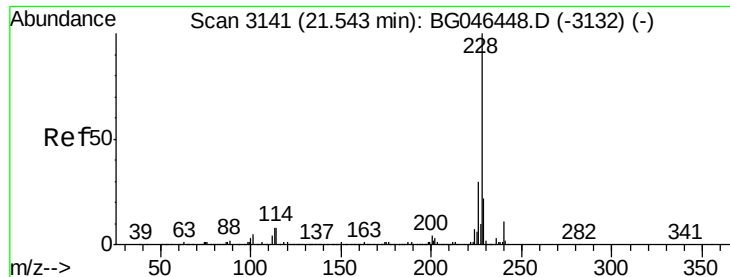
Tgt Ion:149 Resp: 464141

Ion	Ratio	Lower	Upper
149	100		
91	64.2	49.1	73.7
206	26.9	21.9	32.9



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: 39.816 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

BNA_G

ClientSampleId :

PB131497BSD

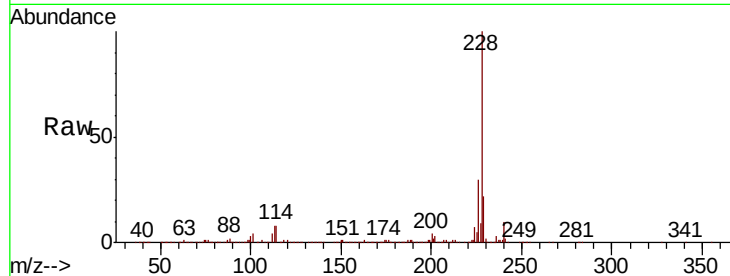
Tot Ion:228 Resp: 1158824

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

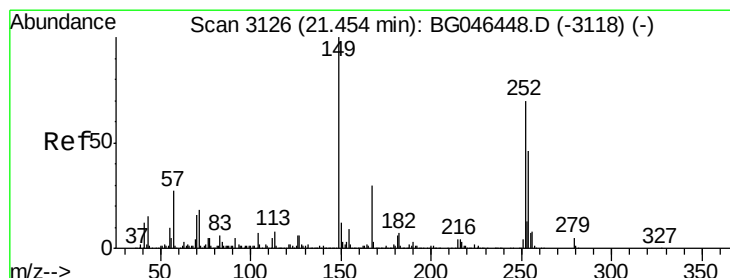
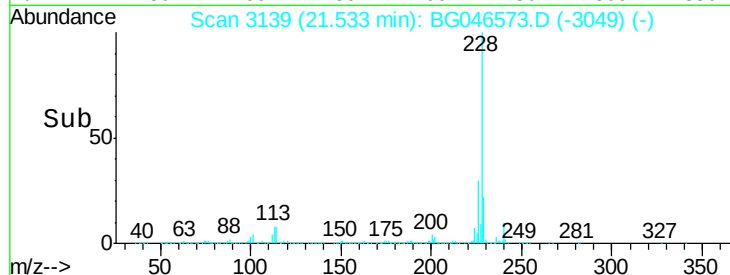
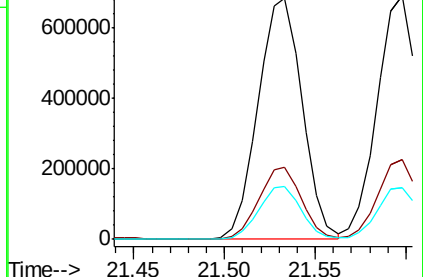
229 21.8 17.4 26.2



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: 35.332 ng

RT: 21.45 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

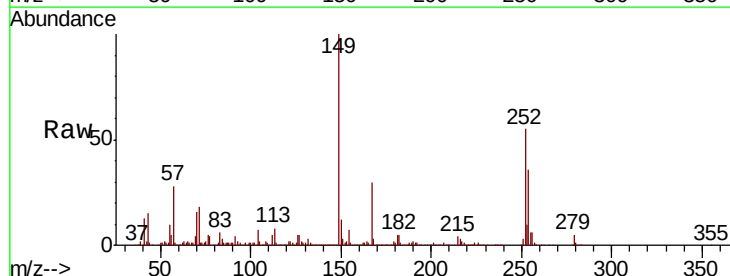
Tgt Ion:252 Resp: 381615

Ion Ratio Lower Upper

252 100

254 65.5 51.9 77.9

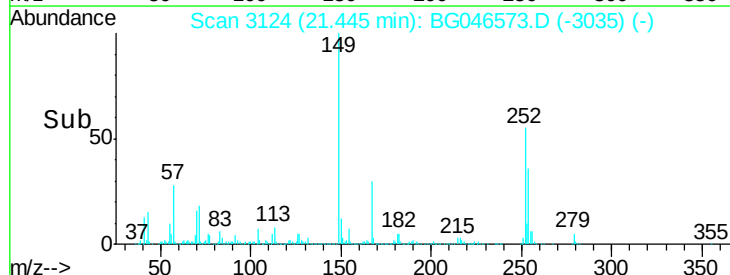
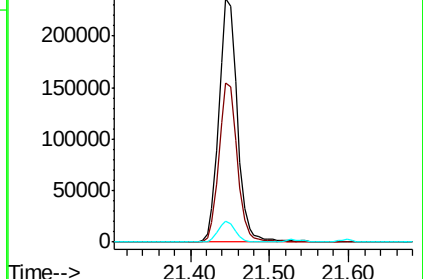
126 8.4 7.4 11.0

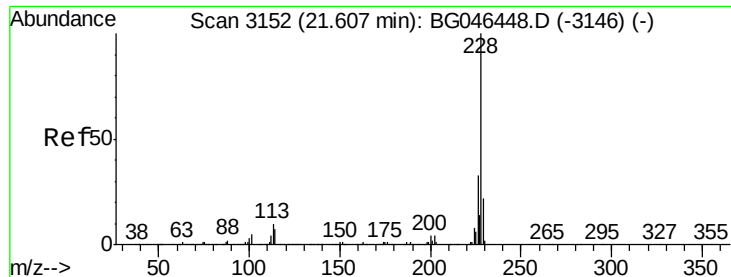


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.375 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Instrument :

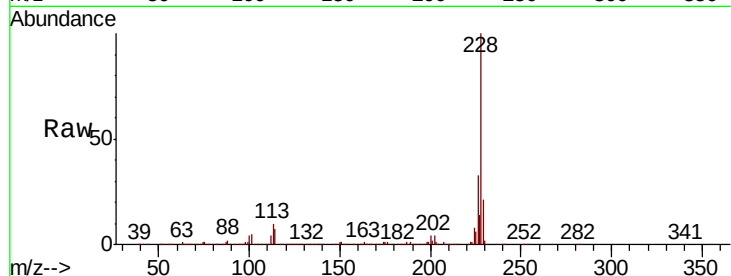
BNA_G

ClientSampleId :

PB131497BSD

Tot Ion:228 Resp: 1102356

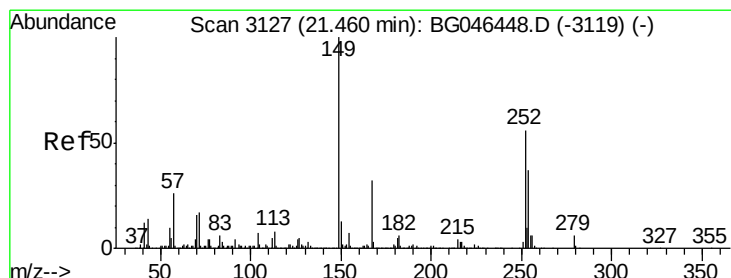
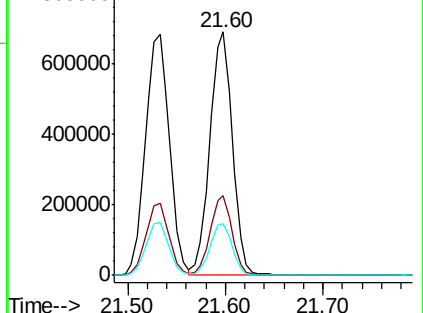
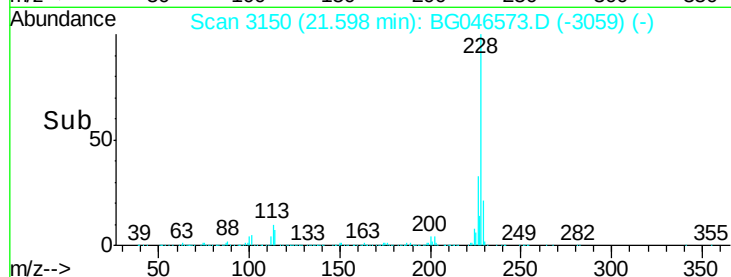
Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	21.4	17.9	26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.894 ng

RT: 21.45 min Scan# 3125

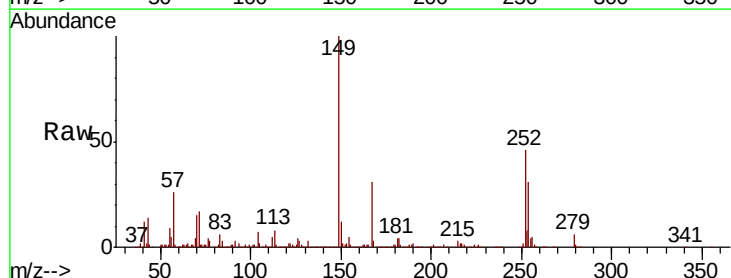
Delta R.T. -0.00 min

Lab File: BG046573.D

Acq: 9 Sep 2020 15:08

Tgt Ion:149 Resp: 647250

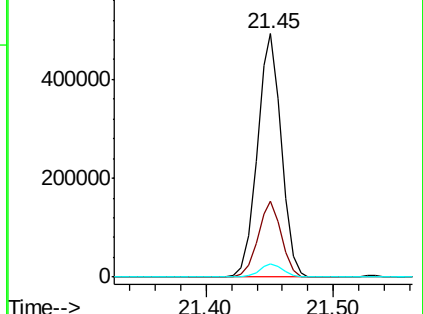
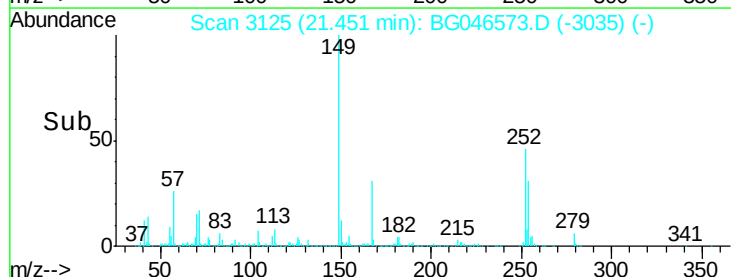
Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.4	38.2
279	5.5	4.5	6.7

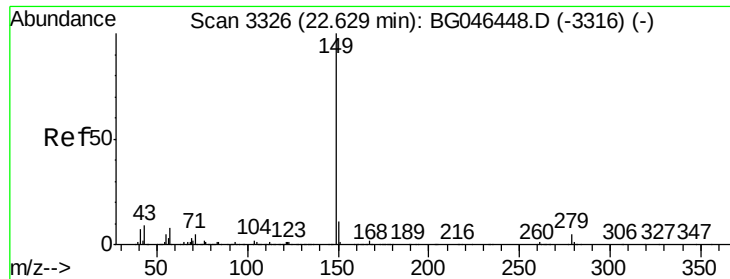


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

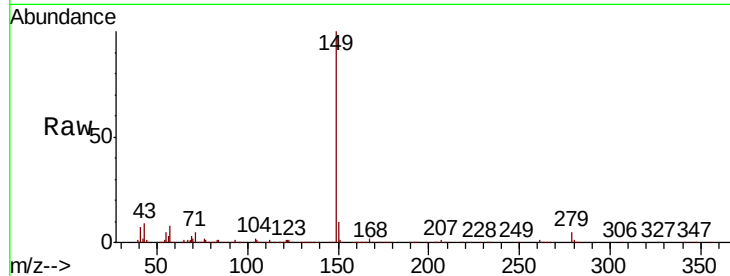




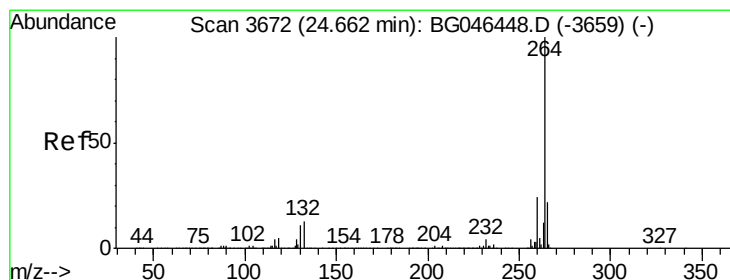
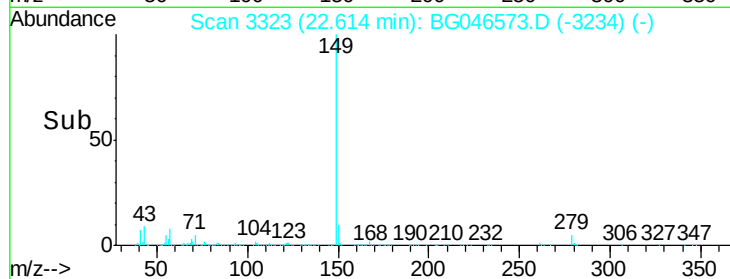
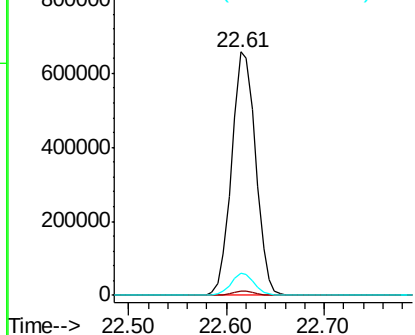
#85
Di-n-octyl phthalate
Concen: 41.435 ng
RT: 22.61 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion:149 Resp: 1122934
Ion Ratio Lower Upper
149 100
167 1.8 1.5 2.3
43 8.6 7.0 10.4

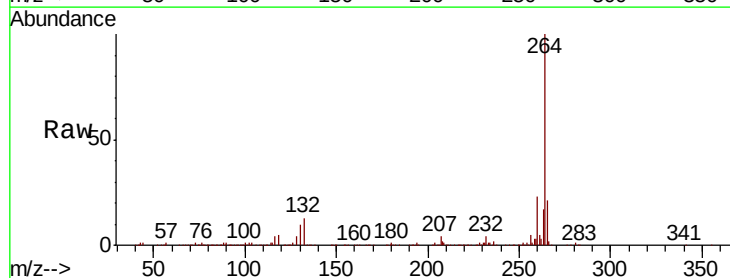


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

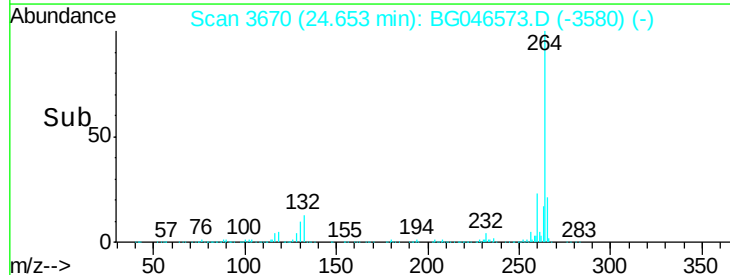
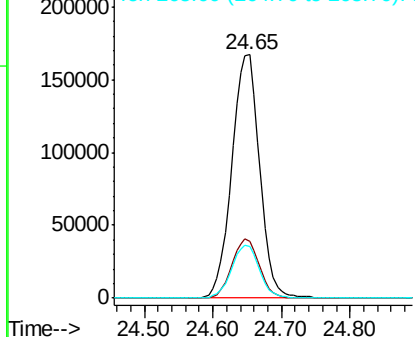


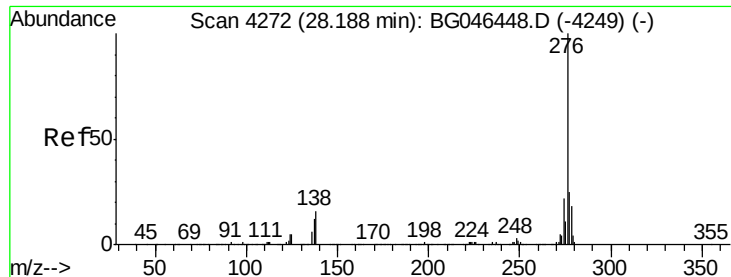
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:264 Resp: 469415
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 17.9 26.9



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



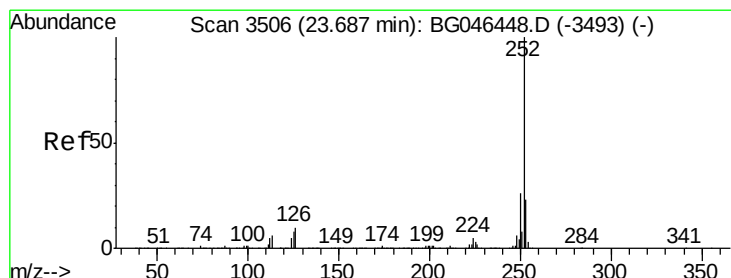
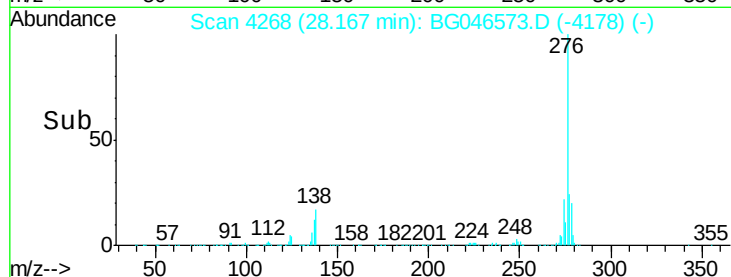
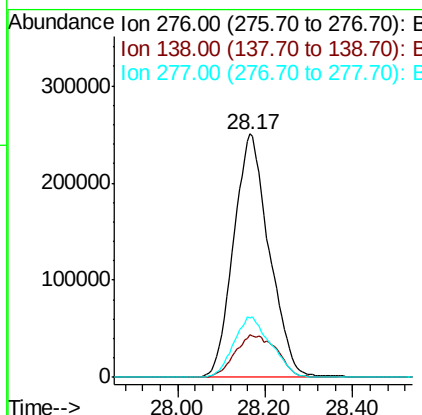
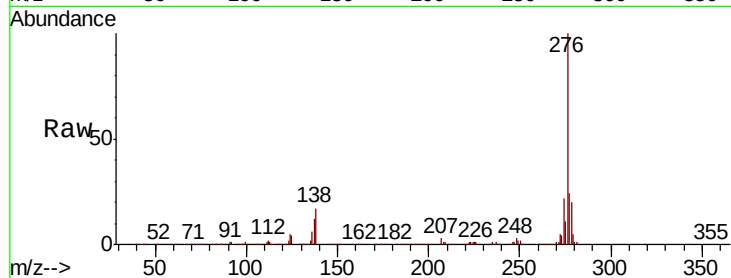


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.933 ng
 RT: 28.17 min Scan# 4268
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BSD

Tot Ion:276 Resp: 1380031

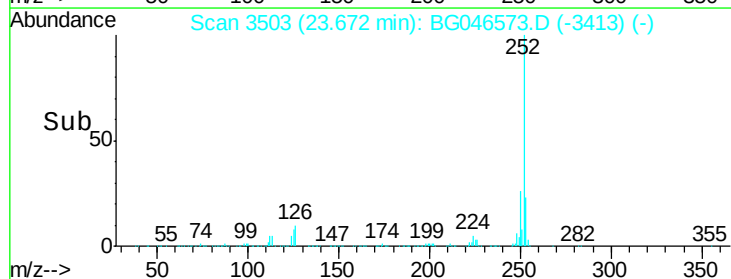
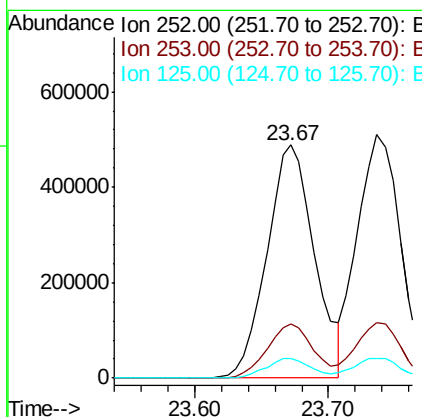
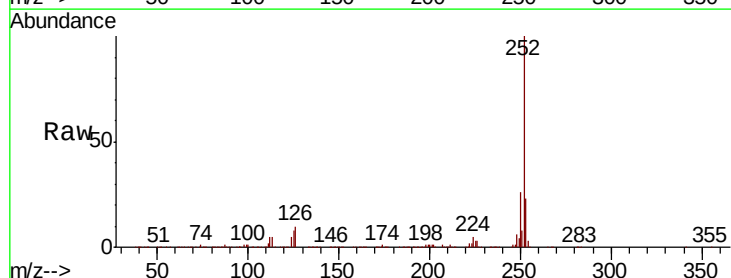
Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.5	24.7
277	26.0	20.7	31.1

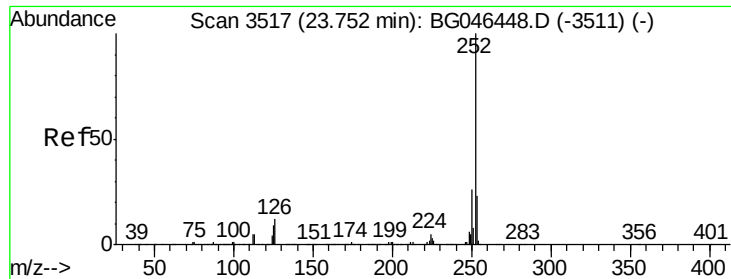


#88
 Benzo(b)fluoranthene
 Concen: 41.290 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: BG046573.D
 Acq: 9 Sep 2020 15:08

Tgt Ion:252 Resp: 1210239

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	8.2	6.2	9.2

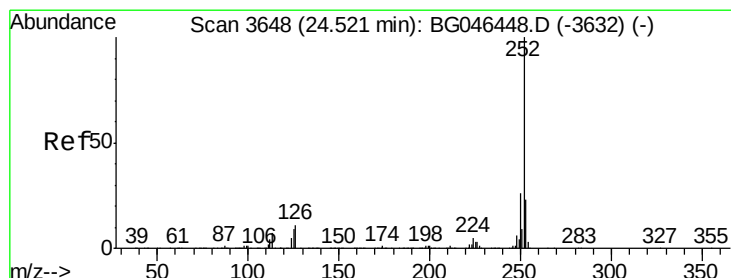
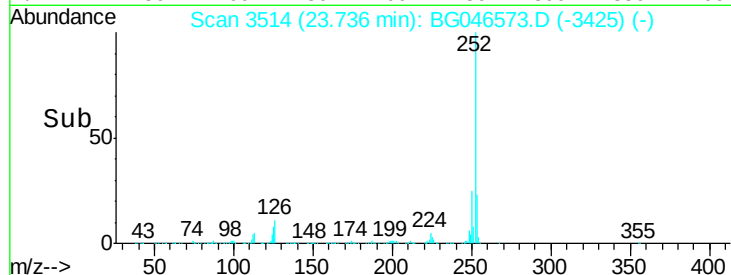
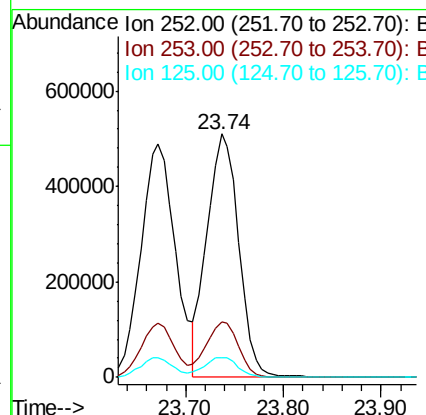
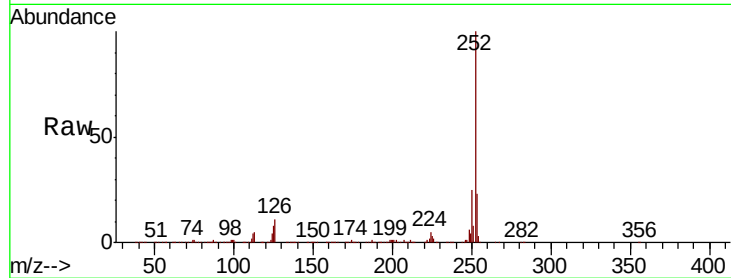




#89
Benzo(k)fluoranthene
Concen: 40.269 ng
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

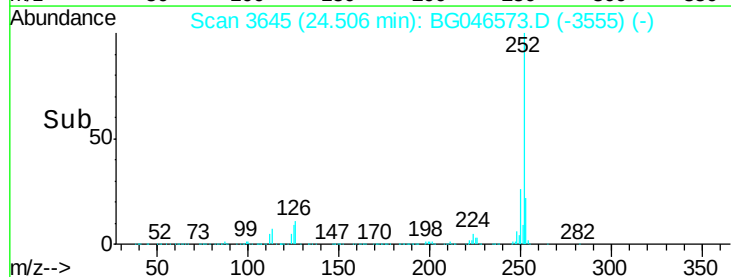
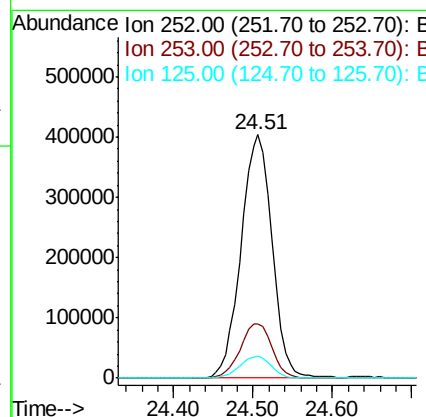
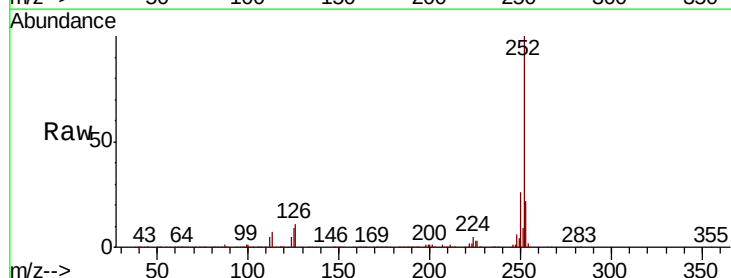
Instrument :
BNA_G
ClientSampleId :
PB131497BSD

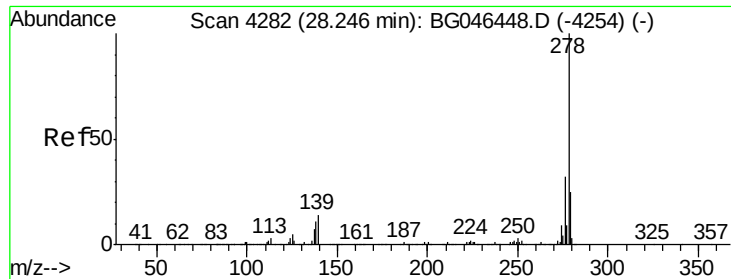
Tot Ion:252 Resp: 1140736
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 8.1 6.8 10.2



#90
Benzo(a)pyrene
Concen: 40.067 ng
RT: 24.51 min Scan# 3645
Delta R.T. -0.00 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:252 Resp: 1095977
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.4 7.4 11.0

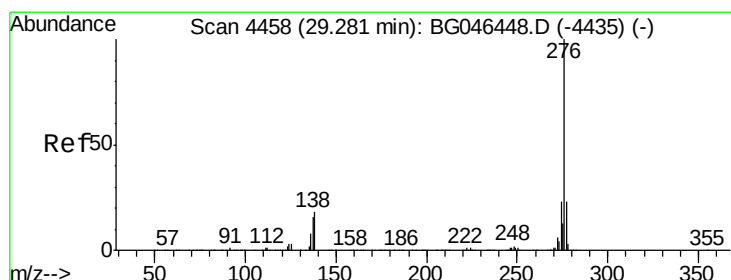
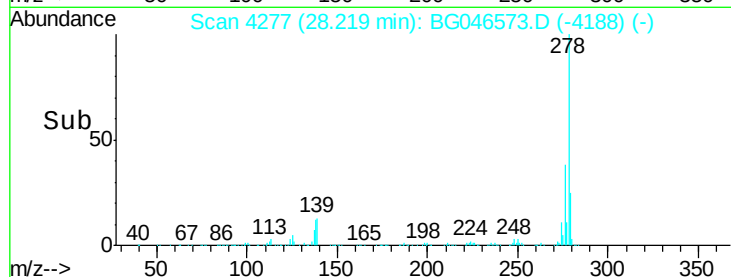
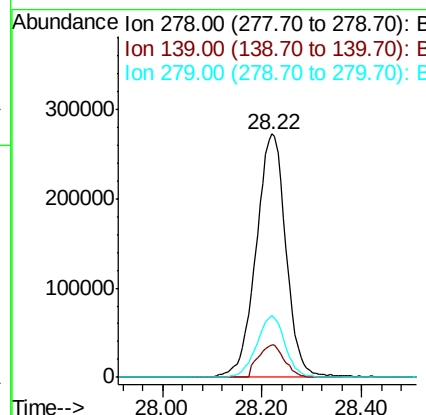
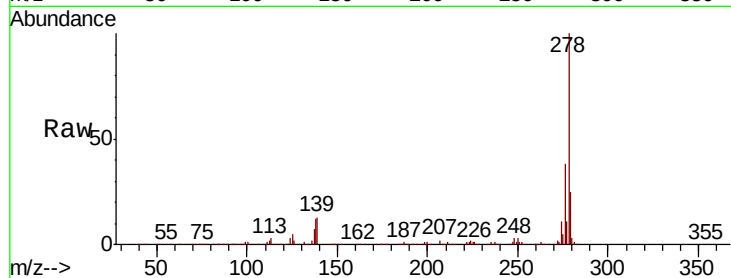




#91
Dibenzo(a,h)anthracene
Concen: 41.689 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Instrument :
BNA_G
ClientSampleId :
PB131497BSD

Tot Ion:278 Resp: 1134223
Ion Ratio Lower Upper
278 100
139 13.1 11.2 16.8
279 25.2 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 42.674 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.02 min
Lab File: BG046573.D
Acq: 9 Sep 2020 15:08

Tgt Ion:276 Resp: 1159371
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 17.5 14.7 22.1

