

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045579.D
 Acq On : 3 Jun 2020 13:38
 Operator : CG/JU
 Sample : PB129231BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 14:25:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61509	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	239923	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	170061	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	413869	20.00	ng	0.00
76) Chrysene-d12	21.62	240	397082	20.00	ng	0.01
87) Perylene-d12	24.76	264	427454	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	465206	147.81	ng	0.01
7) Phenol-d6	7.16	99	646362	144.29	ng	0.01
23) Nitrobenzene-d5	9.12	82	415442	94.42	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	313098	143.96	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	938249	93.58	ng	0.00
79) Terphenyl-d14	19.97	244	1673692	98.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	62126	39.805	ng	98
3) Pyridine	3.80	79	143035	32.906	ng	93
4) n-Nitrosodimethylamine	3.72	42	65859	46.302	ng	86
6) Aniline	7.28	93	254598	43.537	ng	98
8) 2-Chlorophenol	7.53	128	172598	50.007	ng	98
9) Benzaldehyde	7.09	77	113549	38.905	ng	96
10) Phenol	7.18	94	228257	49.440	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	163510	45.404	ng	98
12) 1,3-Dichlorobenzene	7.85	146	185850	44.808	ng	99
13) 1,4-Dichlorobenzene	7.99	146	188841	46.135	ng	93
14) 1,2-Dichlorobenzene	8.31	146	176509	44.835	ng	96
15) Benzyl Alcohol	8.20	79	177549	47.978	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	151588	44.345	ng	98
17) 2-Methylphenol	8.43	107	154195	44.620	ng	96
18) Hexachloroethane	9.04	117	73909	47.145	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	143429	46.301	ng	96
20) 3+4-Methylphenols	8.76	107	209571	44.535	ng	# 90
22) Acetophenone	8.78	105	262146	46.100	ng	97
24) Nitrobenzene	9.16	77	219718	46.611	ng	99
25) Isophorone	9.68	82	397081	45.827	ng	99
26) 2-Nitrophenol	9.87	139	96607	47.908	ng	95
27) 2,4-Dimethylphenol	9.96	122	162173	54.224	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	219085	48.213	ng	97
29) 2,4-Dichlorophenol	10.43	162	175935	49.815	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	198903	47.661	ng	99
31) Naphthalene	10.81	128	532269	47.608	ng	99
32) Benzoic acid	10.13	122	96455	47.541	ng	89
33) 4-Chloroaniline	10.92	127	184151	39.404	ng	98
34) Hexachlorobutadiene	11.11	225	137939	46.760	ng	96
35) Caprolactam	11.69	113	37298	28.772	ng	89
36) 4-Chloro-3-methylphenol	12.08	107	202698	50.933	ng	97
37) 2-Methylnaphthalene	12.42	142	398377	47.807	ng	98
38) 1-Methylnaphthalene	12.65	142	375993	47.766	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	225171	47.404	ng	99

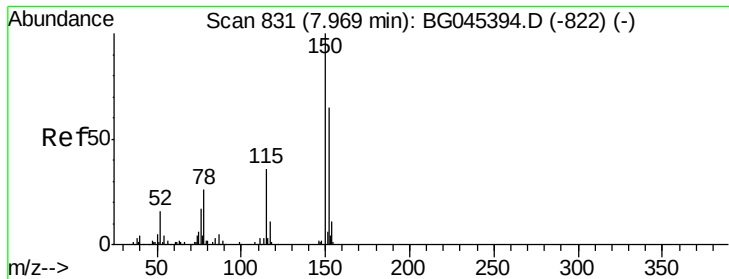
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	279042	101.779	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	155354	47.081	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	168125	44.587	ng	97
46) 1,1'-Biphenyl	13.43	154	509448	48.753	ng	98
47) 2-Chloronaphthalene	13.48	162	387718	45.692	ng	97
48) 2-Nitroaniline	13.68	65	131527	47.122	ng	94
49) Acenaphthylene	14.33	152	649109	47.625	ng	99
50) Dimethylphthalate	14.06	163	537492	46.073	ng	99
51) 2,6-Dinitrotoluene	14.17	165	122502	46.535	ng	98
52) Acenaphthene	14.67	154	380391	41.694	ng	96
53) 3-Nitroaniline	14.51	138	104751	39.144	ng	99
54) 2,4-Dinitrophenol	14.72	184	138136	80.098	ng	98
55) Dibenzofuran	15.00	168	625968	46.202	ng	97
56) 4-Nitrophenol	14.86	139	195498	96.495	ng	97
57) 2,4-Dinitrotoluene	14.97	165	179122	46.983	ng	97
58) Fluorene	15.65	166	523919	47.070	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	158127	47.666	ng	99
60) Diethylphthalate	15.42	149	571527	47.069	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	287841	45.191	ng	97
62) 4-Nitroaniline	15.68	138	136100	48.718	ng	97
63) Azobenzene	15.94	77	534804	47.235	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	113526	47.099	ng	94
66) n-Nitrosodiphenylamine	15.86	169	473054	47.605	ng	96
67) 4-Bromophenyl-phenylether	16.54	248	202169	45.112	ng	95
68) Hexachlorobenzene	16.66	284	219803	46.893	ng	96
69) Atrazine	16.81	200	188400	46.031	ng	98
70) Pentachlorophenol	17.01	266	231849	95.261	ng	99
71) Phenanthrene	17.39	178	873700	48.357	ng	100
72) Anthracene	17.49	178	897764	49.480	ng	98
73) Carbazole	17.76	167	839922	47.490	ng	98
74) Di-n-butylphthalate	18.31	149	1016852	47.902	ng	99
75) Fluoranthene	19.40	202	1112056	48.390	ng	98
77) Benzidine	19.58	184	664080	59.547	ng	99
78) Pyrene	19.77	202	1099049	48.555	ng	99
80) Butylbenzylphthalate	20.65	149	448835	45.939	ng	98
81) Benzo(a)anthracene	21.59	228	1052035	47.560	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	369170	42.546	ng	98
83) Chrysene	21.66	228	991193	46.602	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	619484	46.126	ng	100
85) Di-n-octyl phthalate	22.69	149	1056714	45.811	ng	99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1287365	46.286	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1104249	48.168	ng	99
89) Benzo(k)fluoranthene	23.84	252	1061474	49.285	ng	98
90) Benzo(a)pyrene	24.62	252	999038	46.792	ng	98
91) Dibenzo(a,h)anthracene	28.41	278	1038062	48.383	ng	99
92) Benzo(g,h,i)perylene	29.46	276	1059423	49.372	ng	99

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

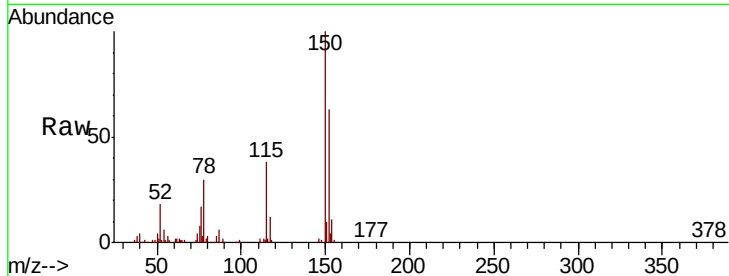


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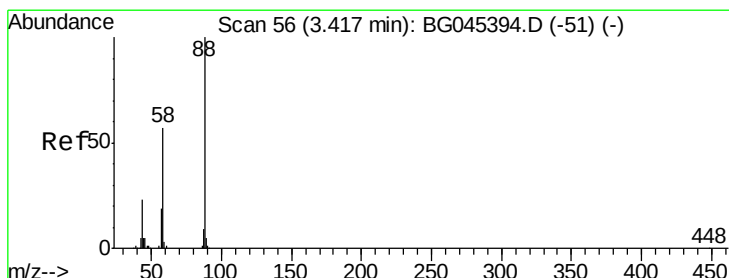
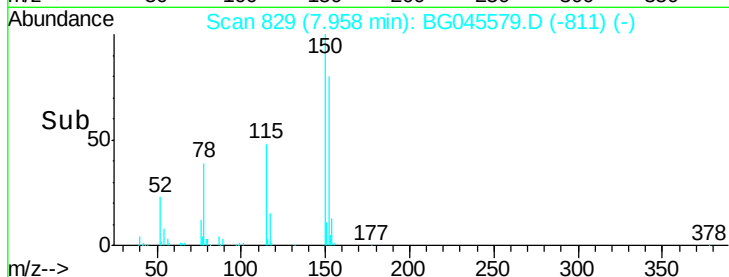
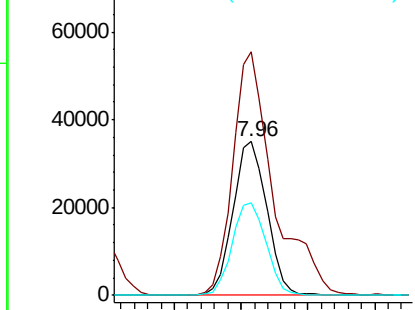
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.4	183.6
115	60.2	44.2	66.4



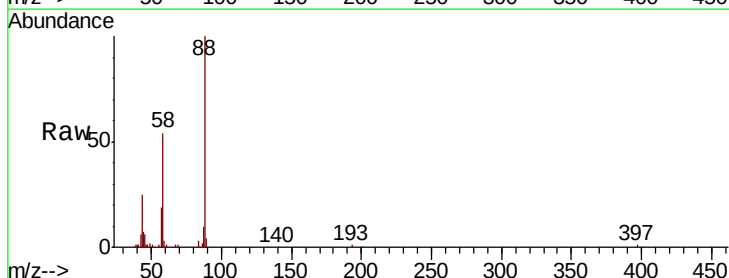
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



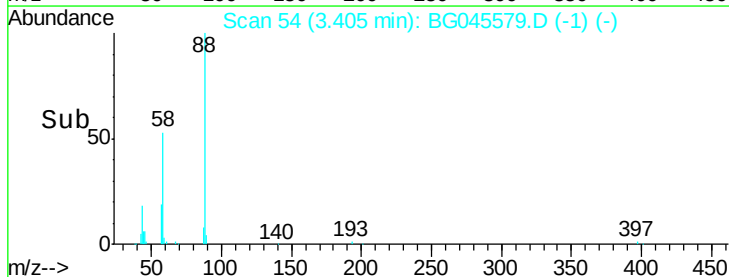
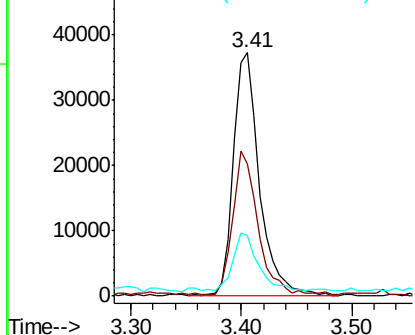
#2

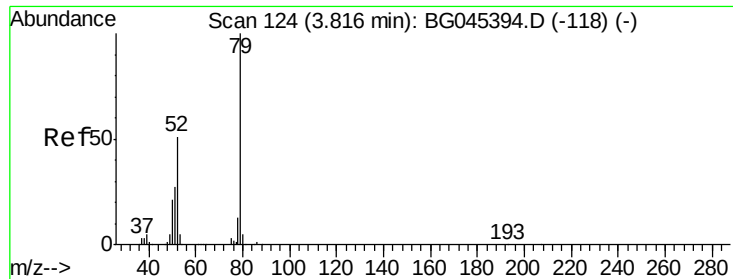
1,4-Dioxane
Concen: 39.805 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	45.7	68.5
43	22.9	16.8	25.2



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





#3

Pvridine

Concen: 32.906 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampled :

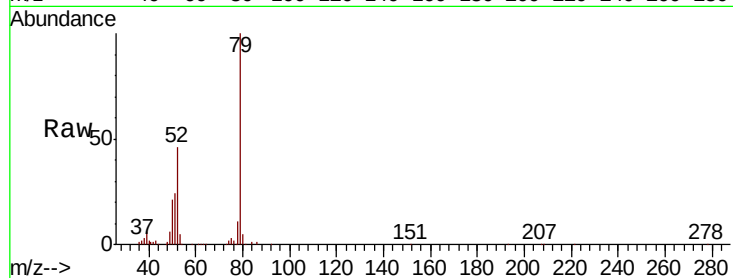
Tot Ion: 79 Resp: 143035

Ion Ratio Lower Upper

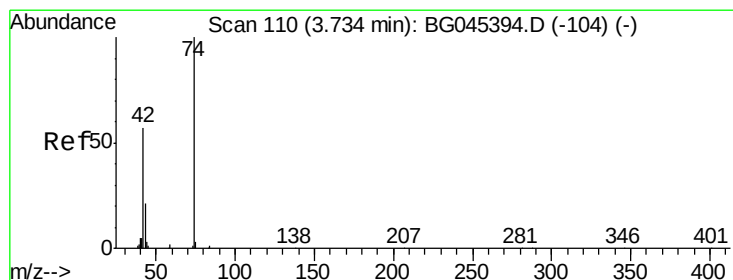
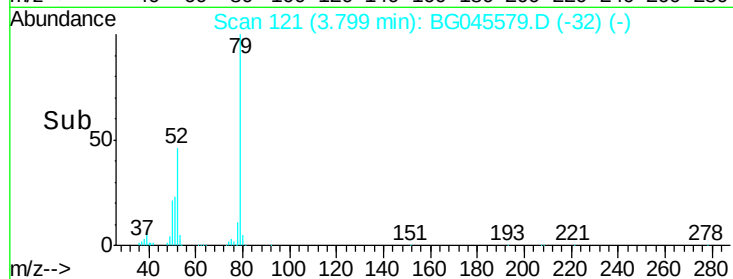
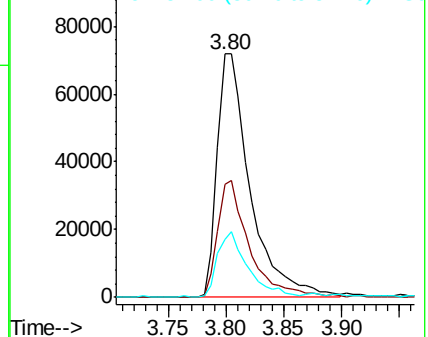
79 100

52 46.4 40.8 61.2

51 23.6 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 46.302 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

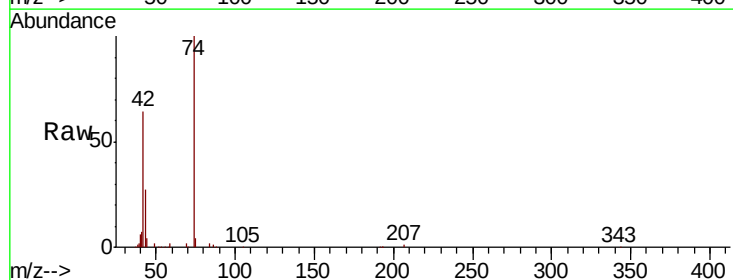
Tgt Ion: 42 Resp: 65859

Ion Ratio Lower Upper

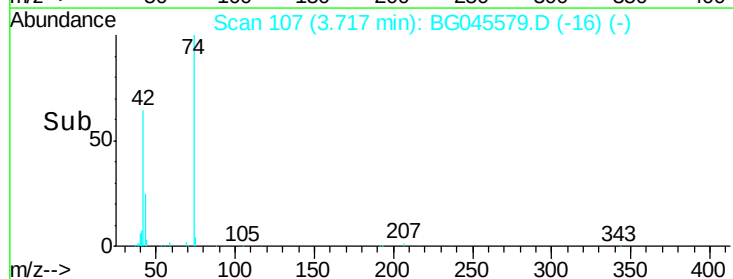
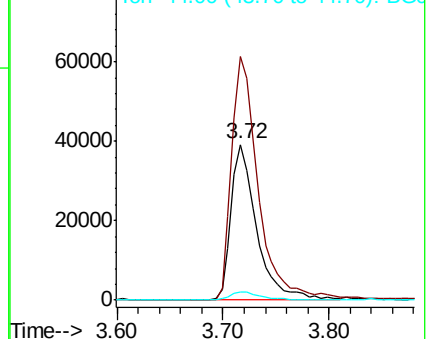
42 100

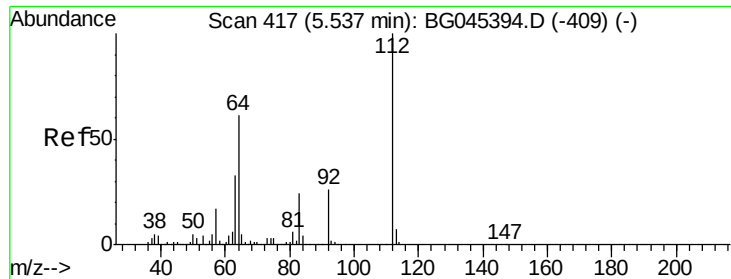
74 156.4 141.3 211.9

44 5.6 4.2 6.4



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





#5

2-Fluorophenol

Concen: 147.808 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

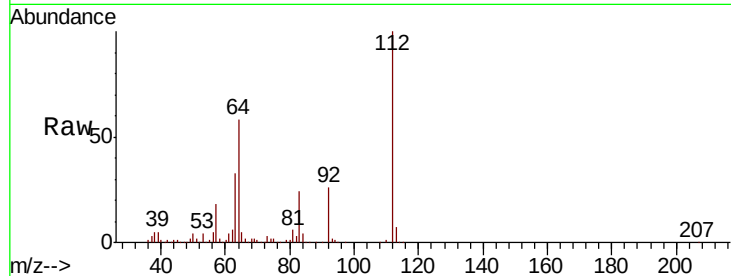
Tot Ion:112 Resp: 465206

Ion Ratio Lower Upper

112 100

64 58.0 48.6 72.8

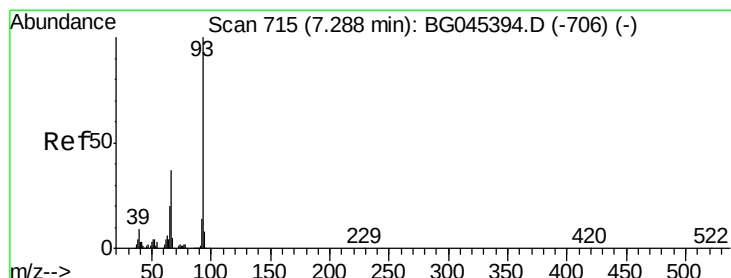
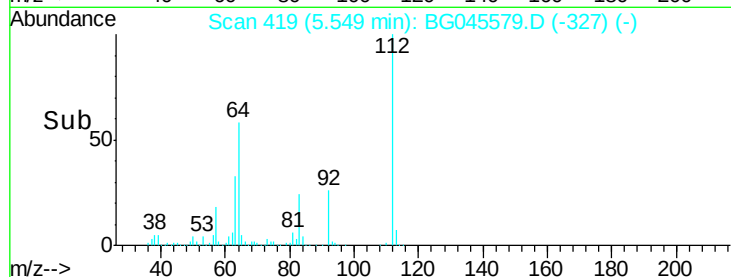
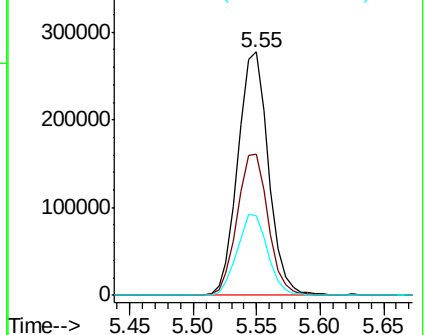
63 32.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.537 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

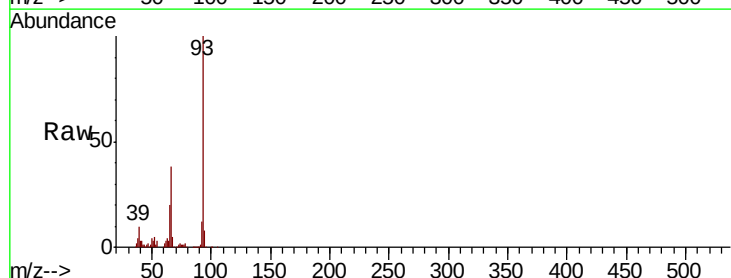
Tgt Ion: 93 Resp: 254598

Ion Ratio Lower Upper

93 100

66 38.4 29.6 44.4

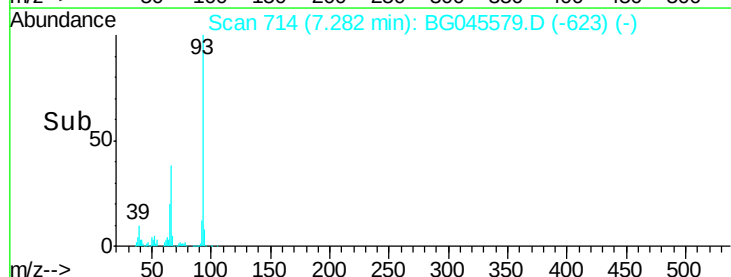
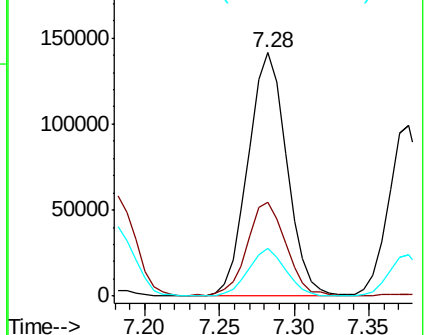
65 19.6 15.9 23.9

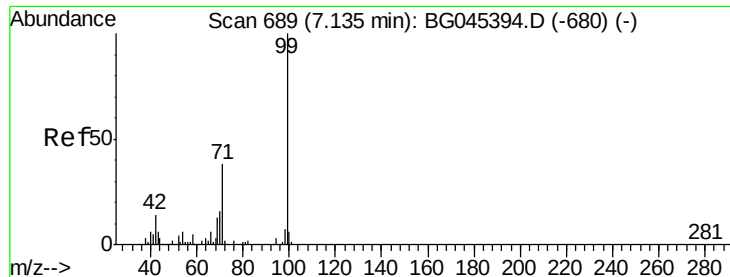


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.288 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

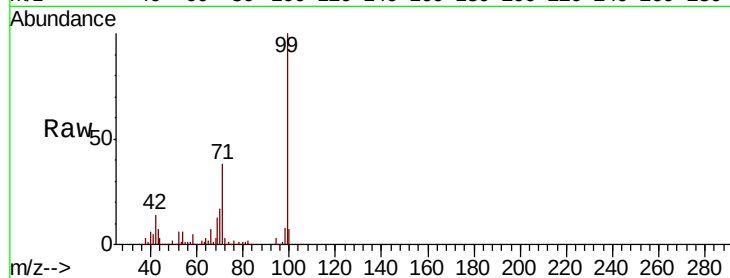
Tot Ion: 99 Resp: 646362

Ion Ratio Lower Upper

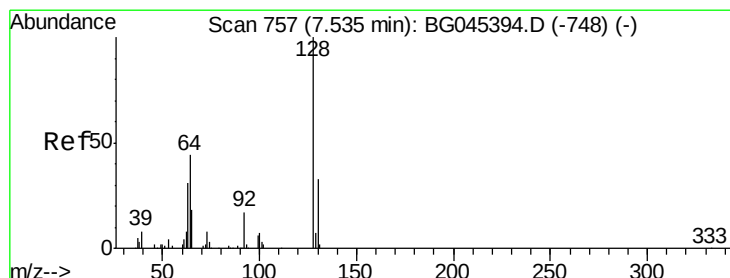
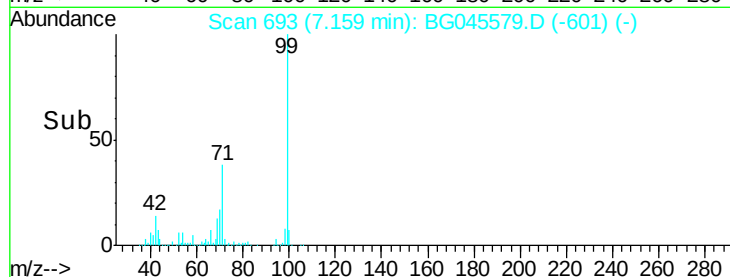
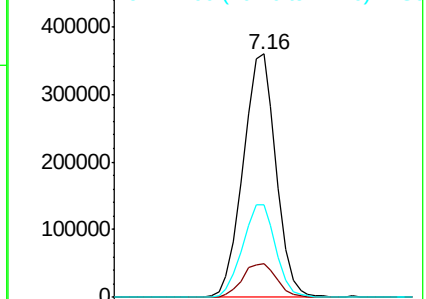
99 100

42 13.9 11.3 16.9

71 38.2 30.8 46.2



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



#8

2-Chlorophenol

Concen: 50.007 ng

RT: 7.53 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

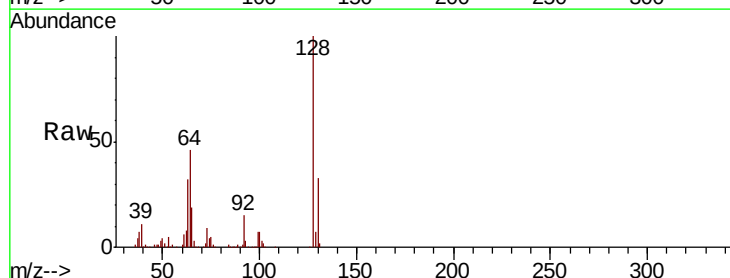
Tgt Ion: 128 Resp: 172598

Ion Ratio Lower Upper

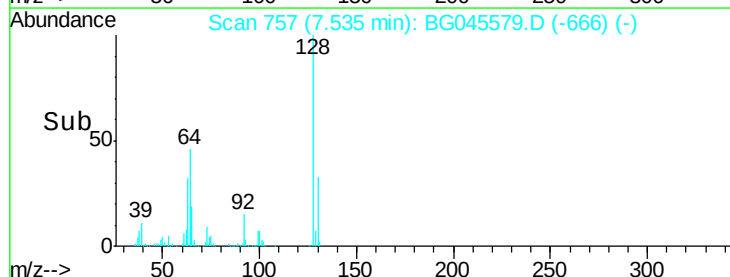
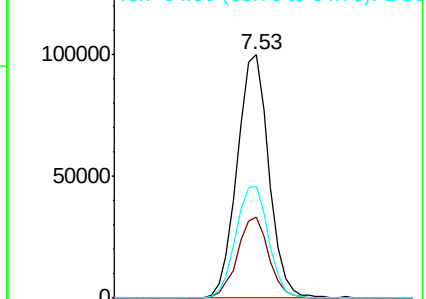
128 100

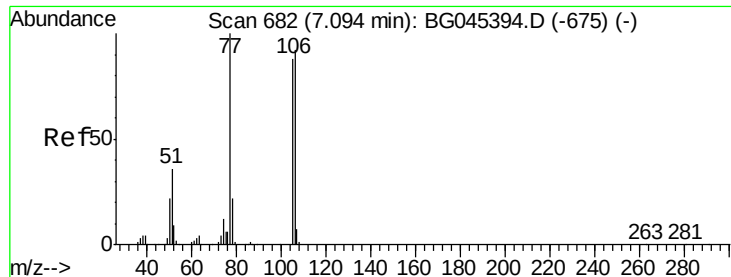
130 33.3 12.6 52.6

64 45.7 27.0 67.0



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





#9

Benzaldehyde

Concen: 38.905 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

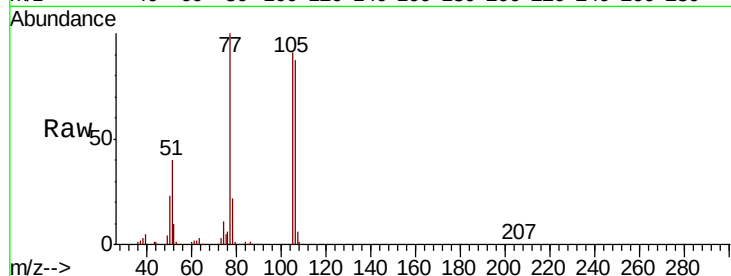
Tot Ion: 77 Resp: 113549

Ion Ratio Lower Upper

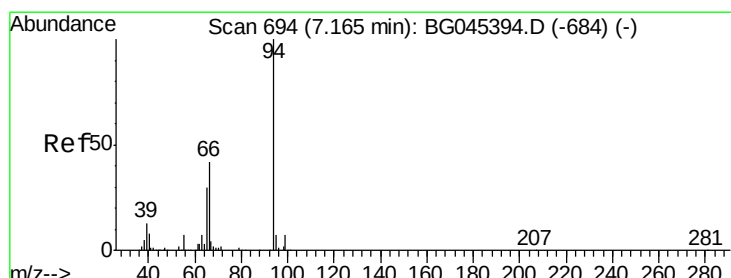
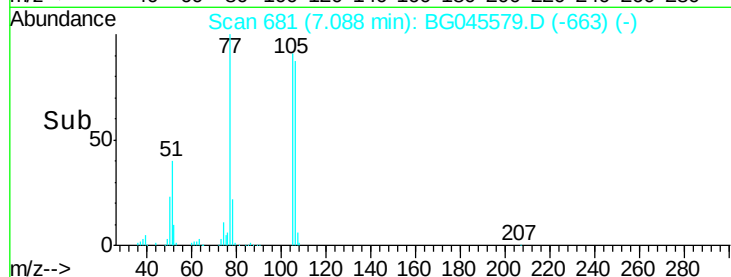
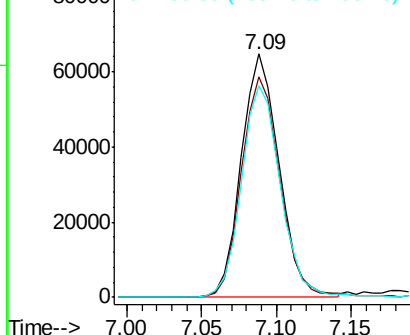
77 100

105 90.8 68.5 108.5

106 86.9 71.6 111.6



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



#10

Phenol

Concen: 49.440 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

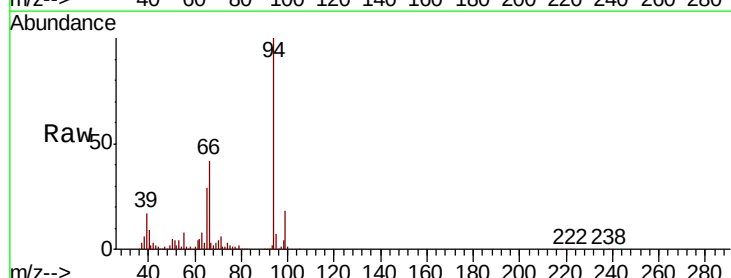
Tgt Ion: 94 Resp: 228257

Ion Ratio Lower Upper

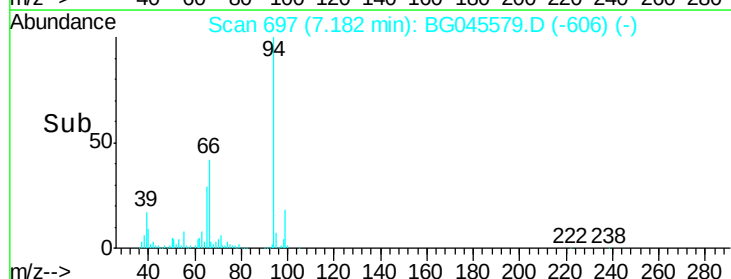
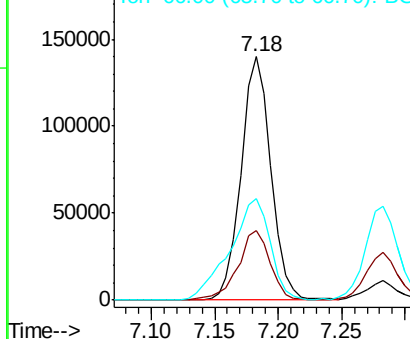
94 100

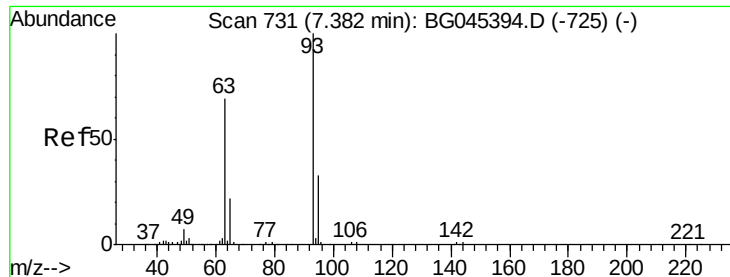
65 28.8 9.8 49.8

66 41.8 22.0 62.0



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





#11

bis(2-Chloroethyl)ether

Concen: 45.404 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

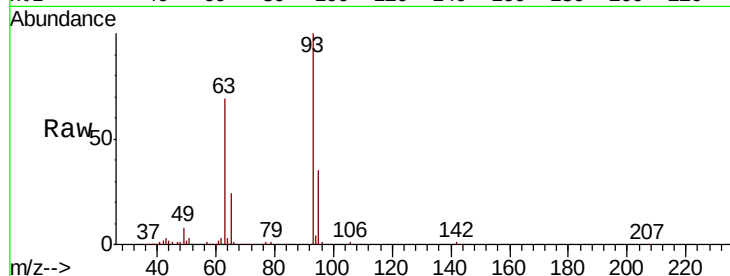
Tot Ion: 93 Resp: 163510

Ion	Ratio	Lower	Upper
93	100		
63	68.7	48.4	88.4
95	34.7	12.4	52.4

93 100

63 68.7 48.4 88.4

95 34.7 12.4 52.4

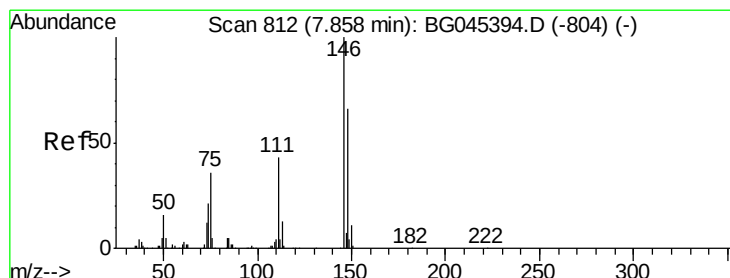
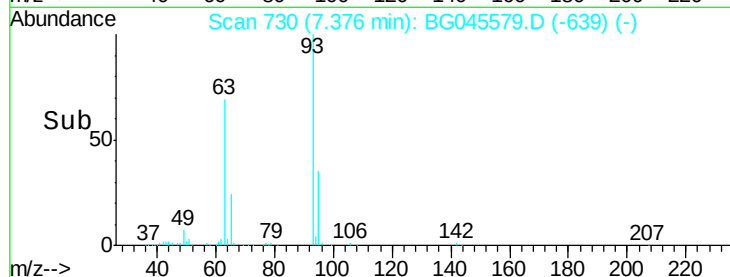
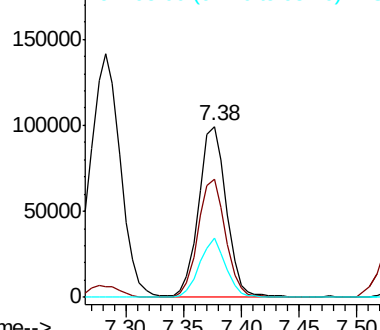


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 44.808 ng

RT: 7.85 min Scan# 810

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

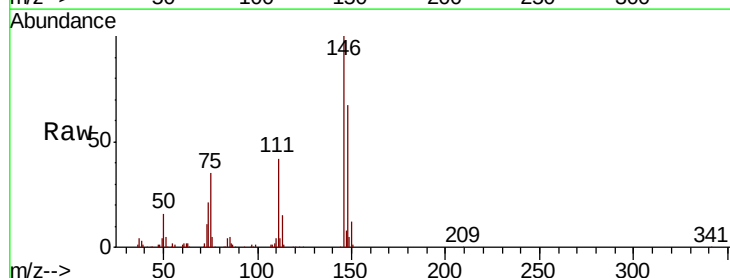
Tgt Ion: 146 Resp: 185850

Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.2	79.8
75	34.5	28.6	43.0

146 100

148 66.7 53.2 79.8

75 34.5 28.6 43.0

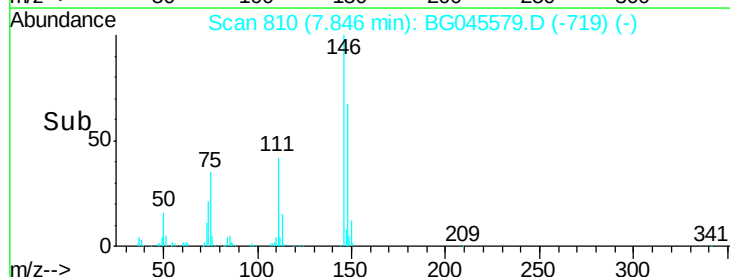
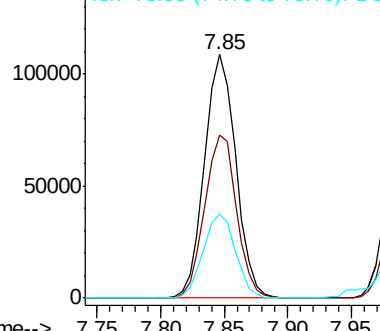


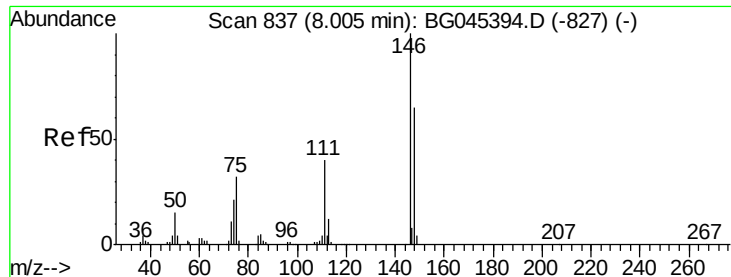
Abundance

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

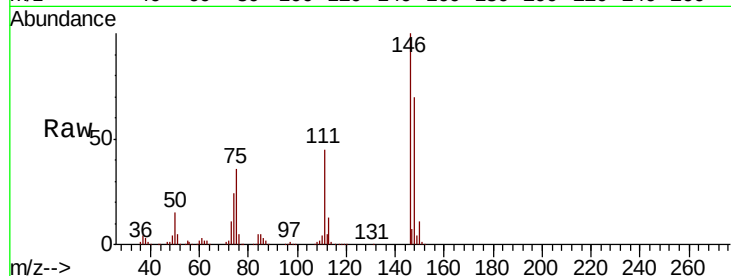




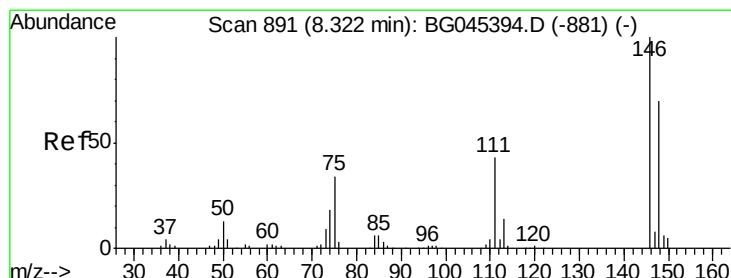
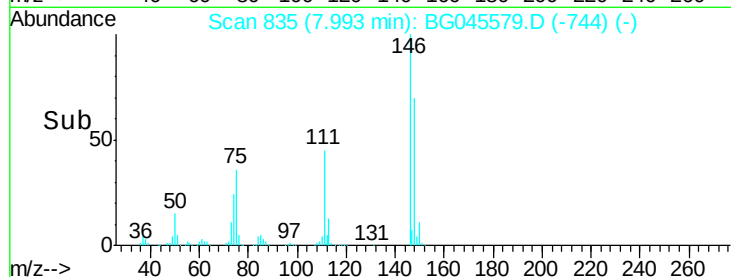
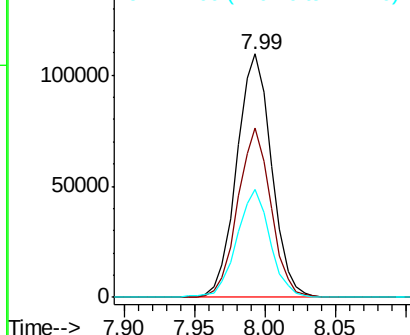
#13
 1,4-Dichlorobenzene
 Concen: 46.135 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 188841
 Ion Ratio Lower Upper
 146 100
 148 69.8 51.8 77.8
 111 44.6 32.1 48.1

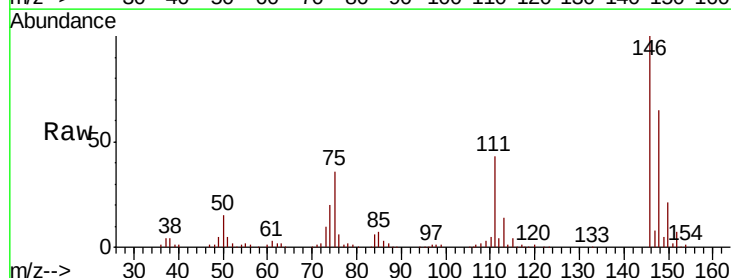


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

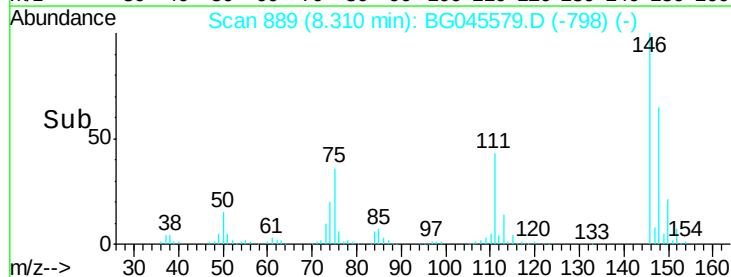
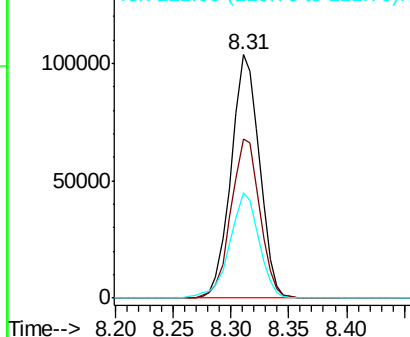


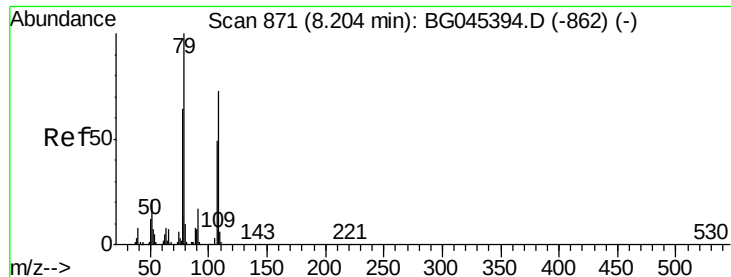
#14
 1,2-Dichlorobenzene
 Concen: 44.835 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion:146 Resp: 176509
 Ion Ratio Lower Upper
 146 100
 148 65.4 55.9 83.9
 111 43.2 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.978 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

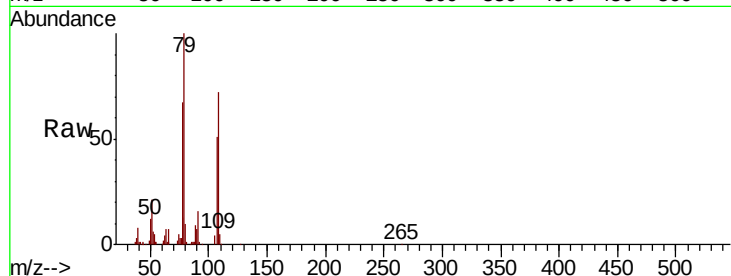
Tot Ion: 79 Resp: 177549

Ion Ratio Lower Upper

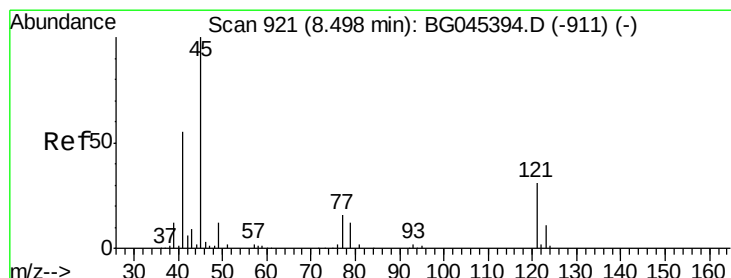
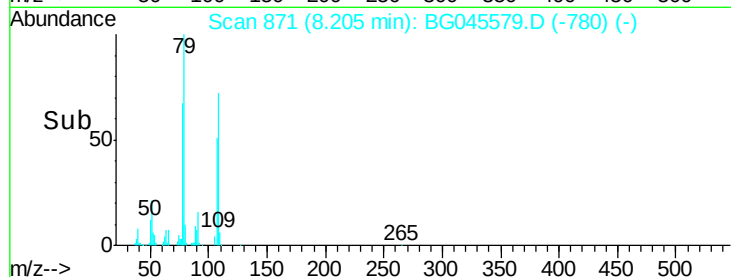
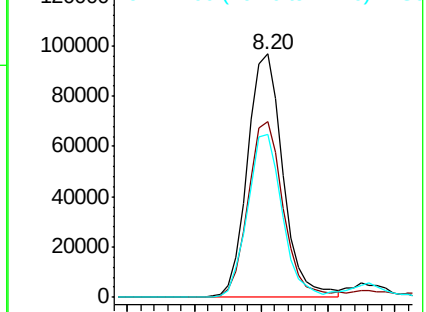
79 100

108 72.0 58.2 87.4

77 67.1 51.0 76.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.345 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

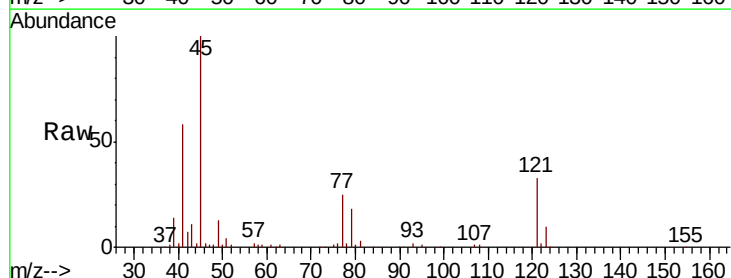
Tgt Ion: 45 Resp: 151588

Ion Ratio Lower Upper

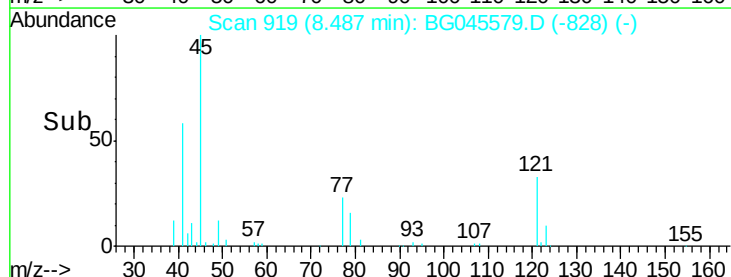
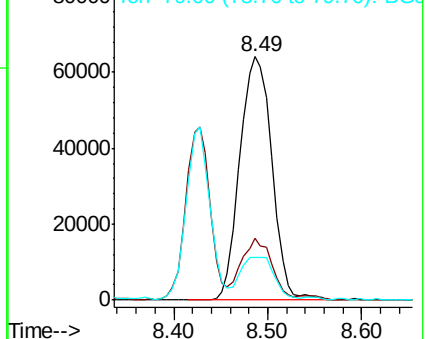
45 100

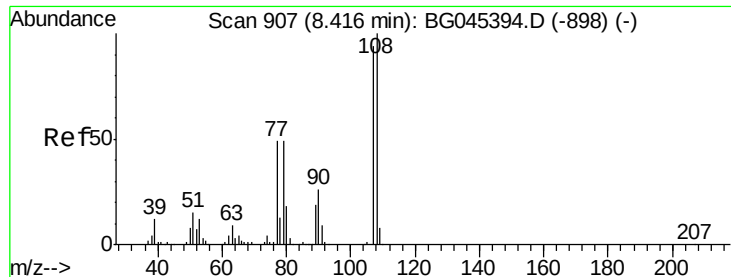
77 25.2 4.0 44.0

79 17.7 0.0 38.6



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





#17

2-Methylphenol

Concen: 44.620 ng

RT: 8.43 min Scan# 909

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 154195

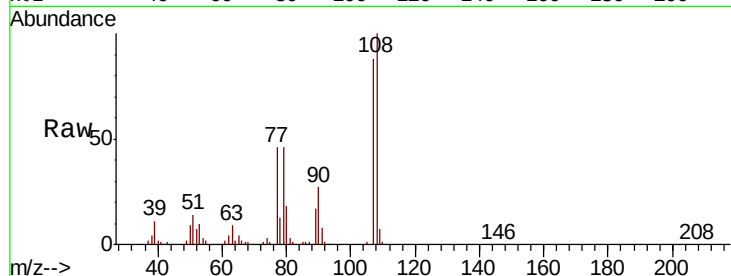
Ion Ratio Lower Upper

107 100

108 113.2 85.2 127.8

77 51.8 41.6 62.4

79 51.6 41.8 62.8

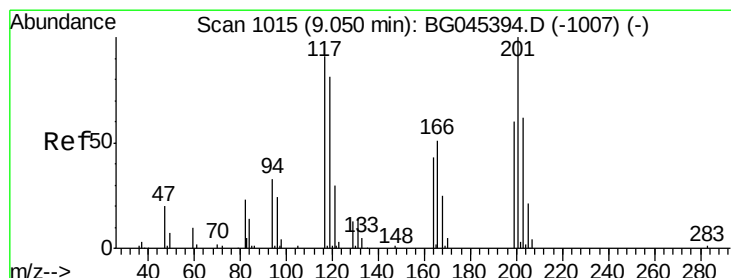
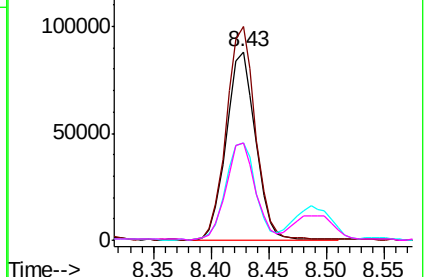
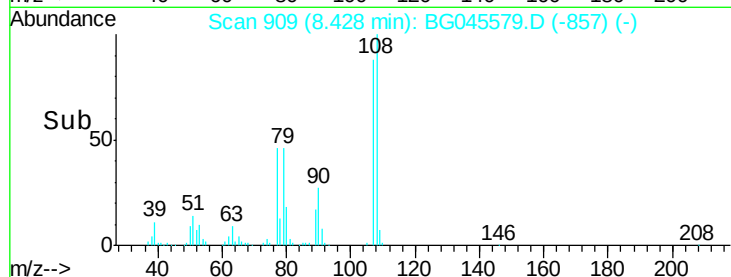


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 47.145 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

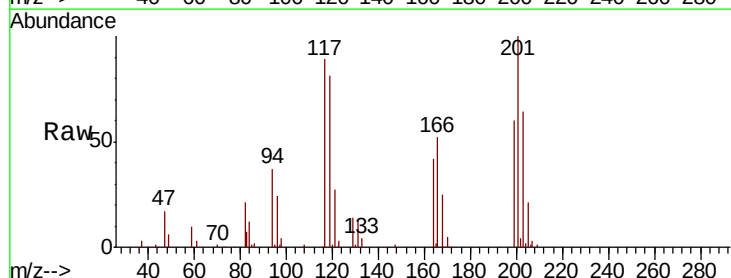
Tgt Ion:117 Resp: 73909

Ion Ratio Lower Upper

117 100

119 91.1 71.3 106.9

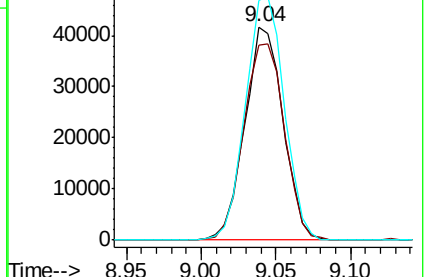
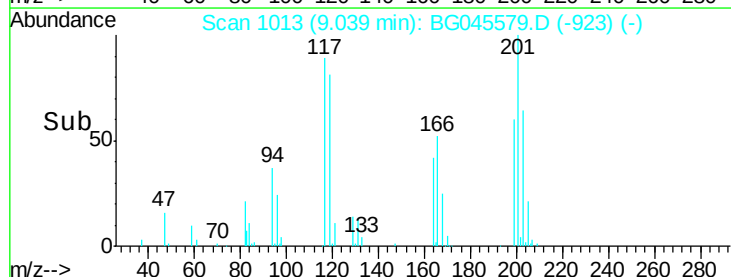
201 112.4 87.5 131.3

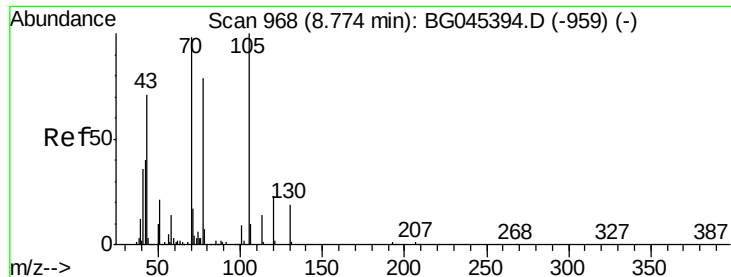


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

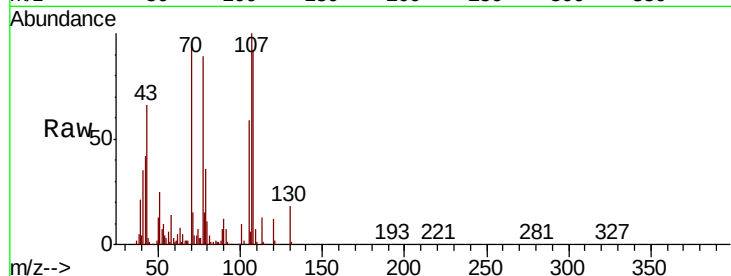




#19
n-Nitroso-di-n-propylamine
Concen: 46.301 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.7	33.2	49.8
101	10.7	7.8	11.6
130	19.6	15.4	23.2



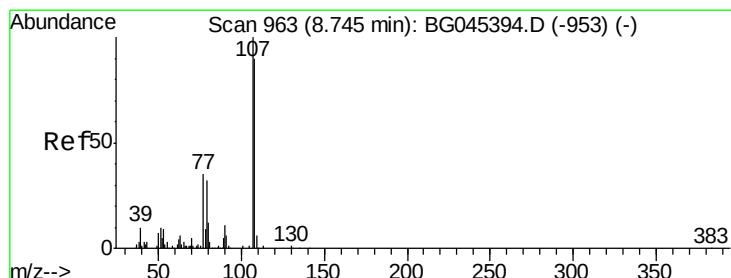
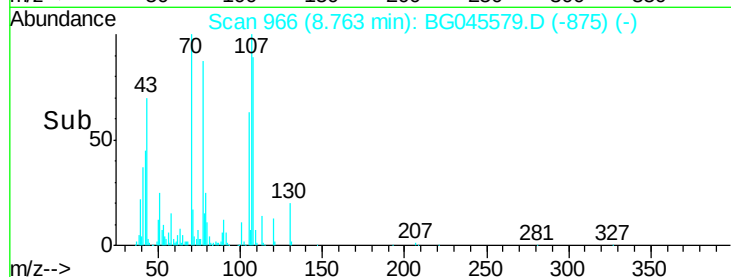
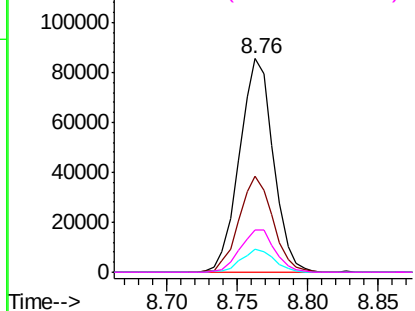
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.535 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	70.3	110.3
77	55.8	15.4	55.4#
79	34.1	12.6	52.6

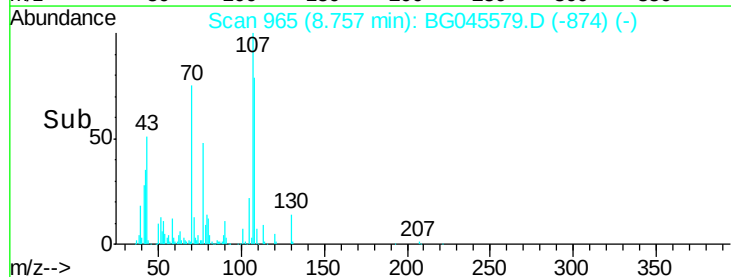
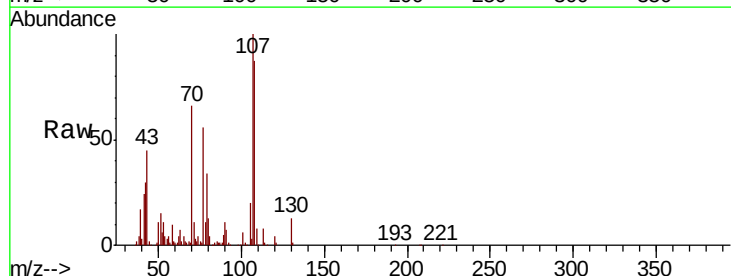
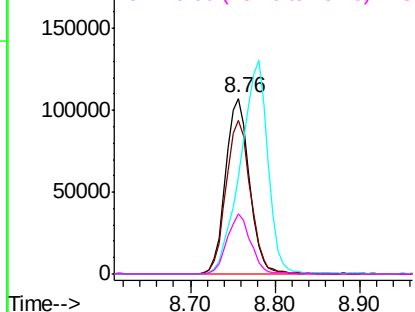
Abundance

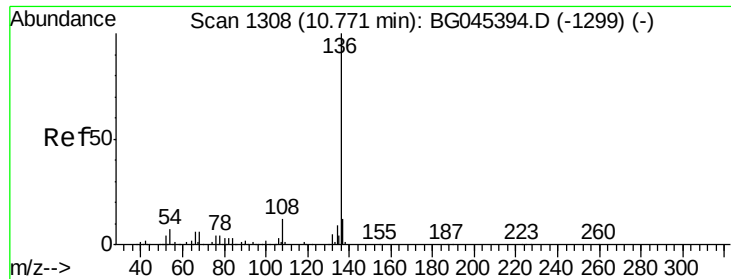
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

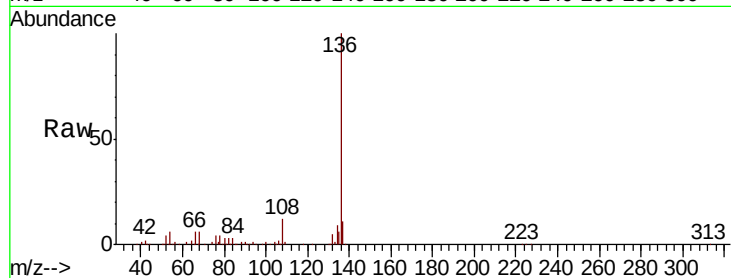




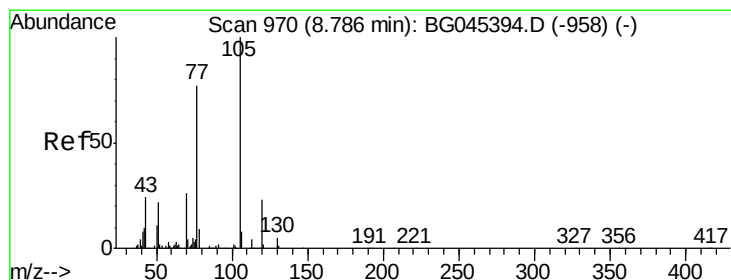
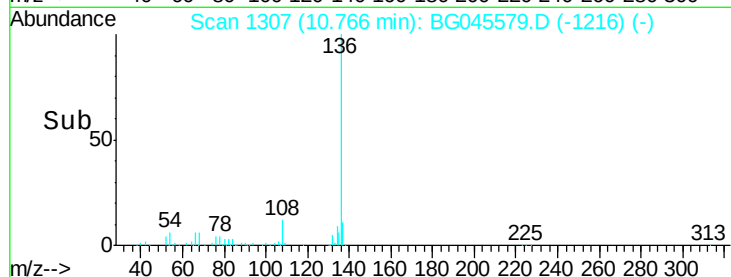
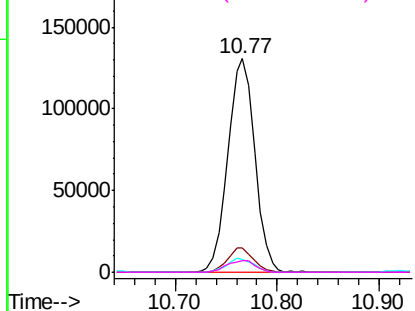
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	239923
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.4 14.2
54	6.2	5.8 8.6
68	5.5	4.5 6.7

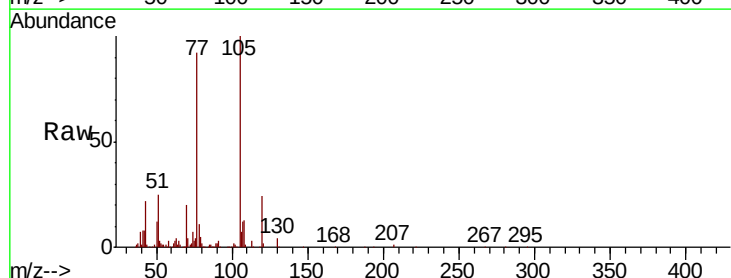


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

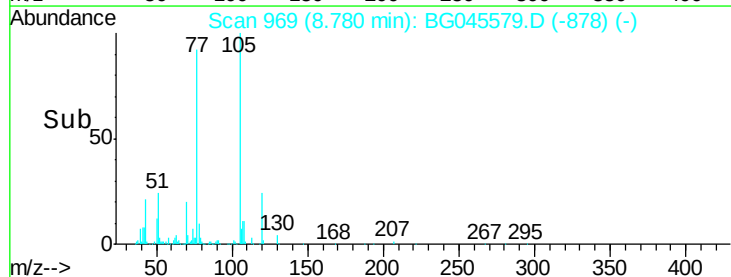
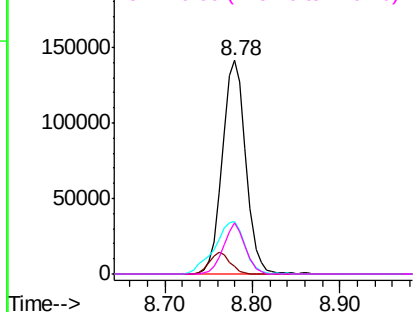


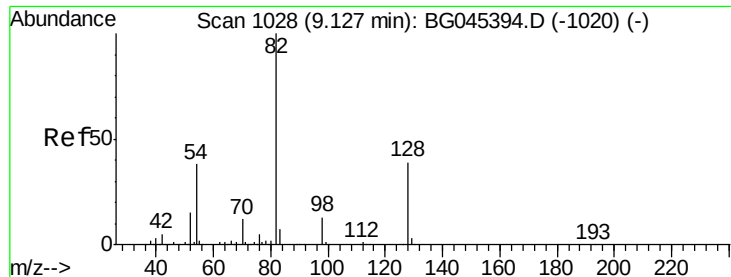
#22
Acetophenone
Concen: 46.100 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion:105	Resp:	262146
Ion Ratio	Lower	Upper
105	100	
71	3.8	3.4 5.0
51	24.5	18.2 27.2
120	24.1	18.6 27.8



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

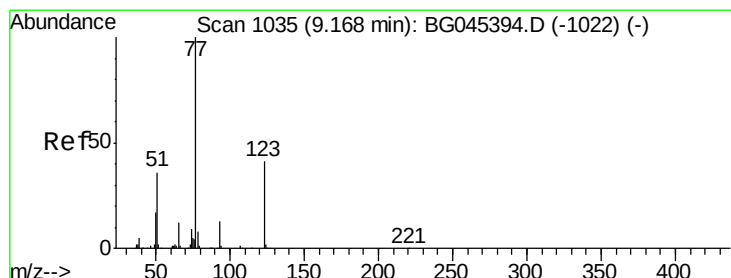
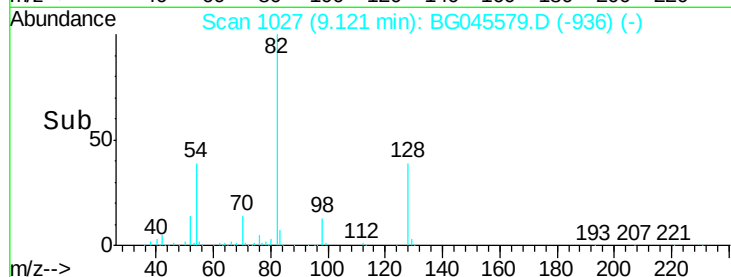
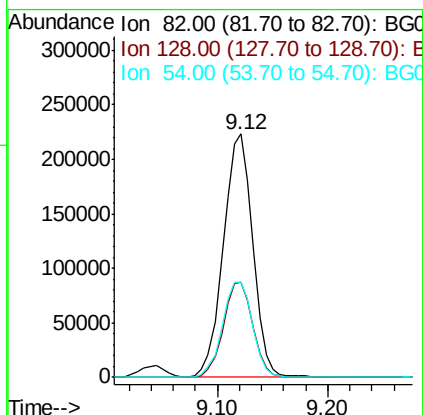
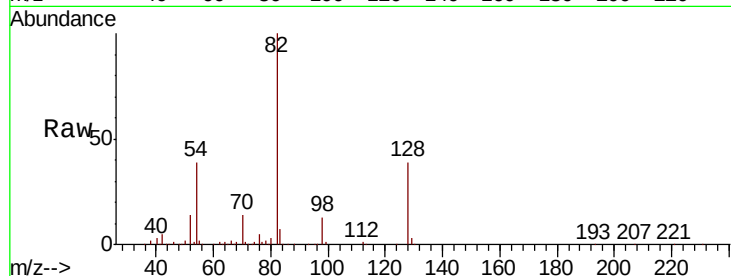




#23
Nitrobenzene-d5
Concen: 94.425 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

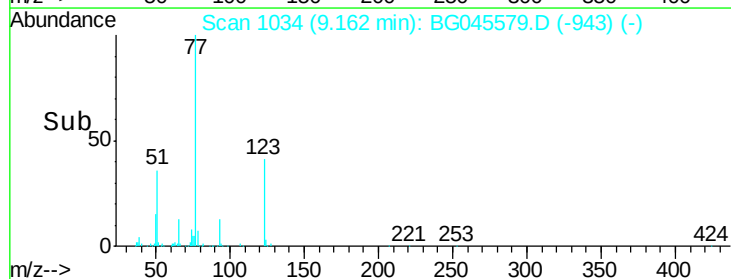
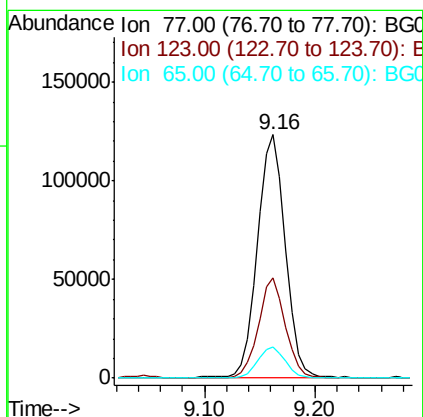
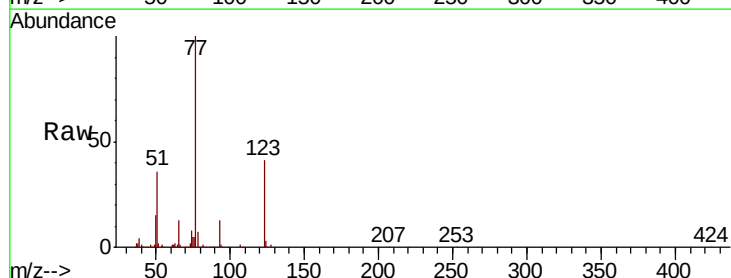
Instrument :
BNA_G
ClientSampled :

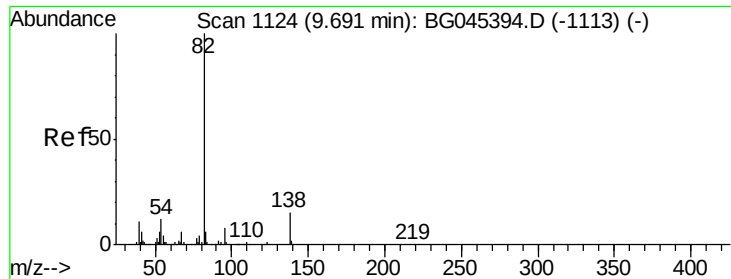
Tot Ion	82	Resp	415442
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.9	46.3
54	38.9	30.3	45.5



#24
Nitrobenzene
Concen: 46.611 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	77	Resp	219718
Ion Ratio	Lower	Upper	
77	100		
123	41.3	32.9	49.3
65	12.8	9.4	14.2





#25

Isophorone

Concen: 45.827 ng

RT: 9.68 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampled :

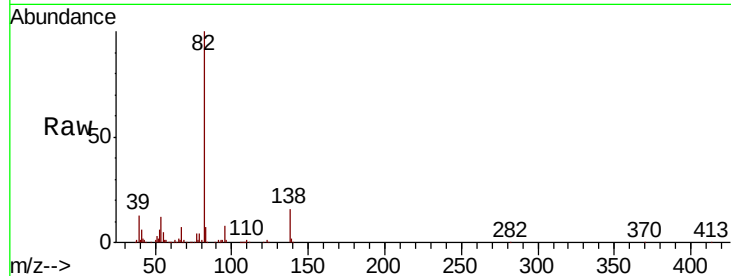
Tot Ion: 82 Resp: 397081

Ion Ratio Lower Upper

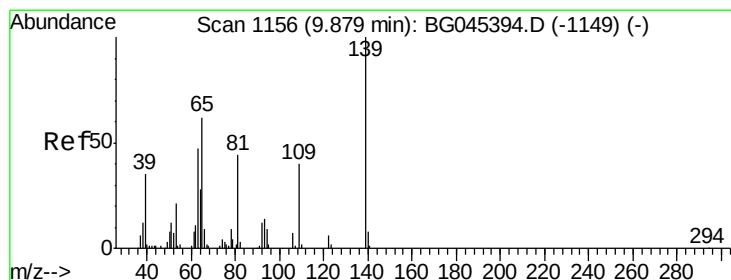
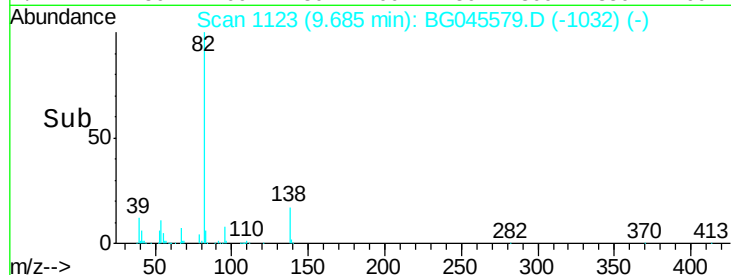
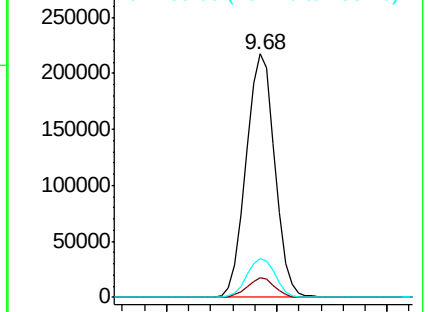
82 100

95 7.8 6.7 10.1

138 15.9 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.908 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

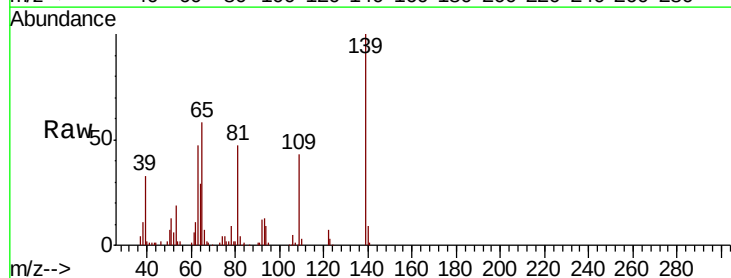
Tgt Ion: 139 Resp: 96607

Ion Ratio Lower Upper

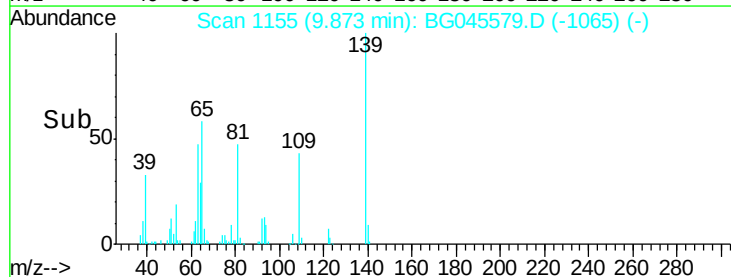
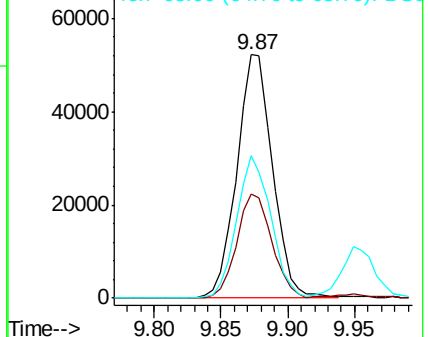
139 100

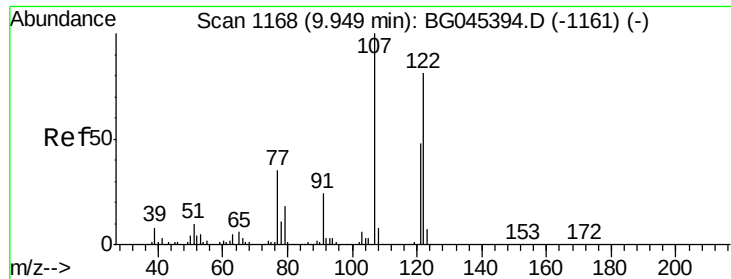
109 43.0 32.2 48.4

65 58.4 49.6 74.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

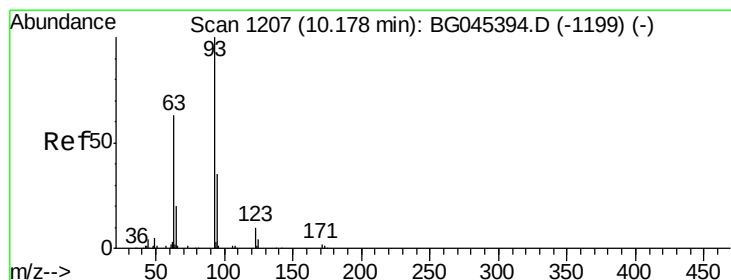
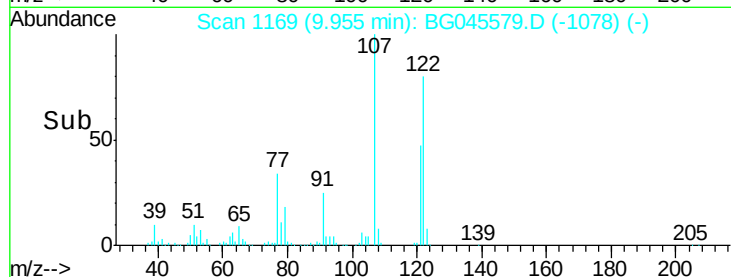
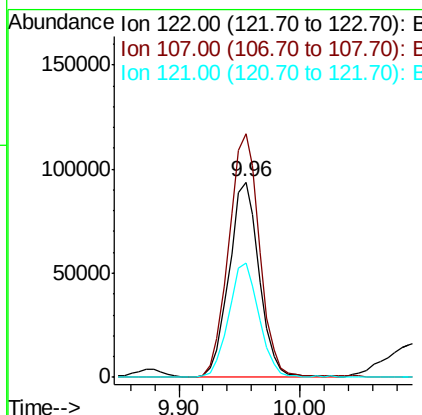
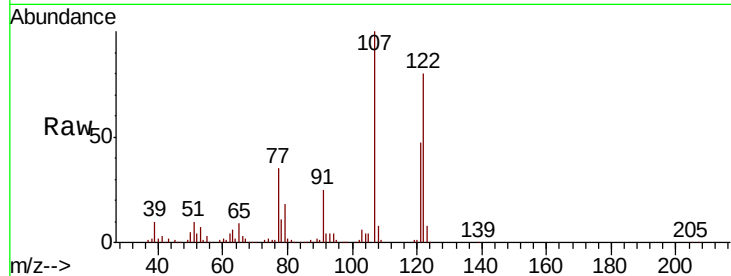




#27
 2,4-Dimethylphenol
 Concen: 54.224 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

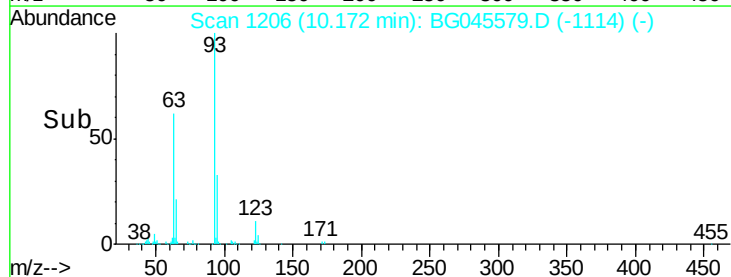
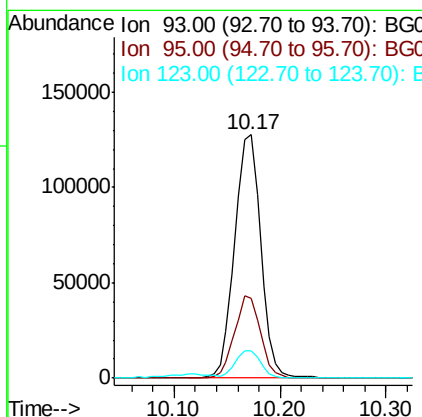
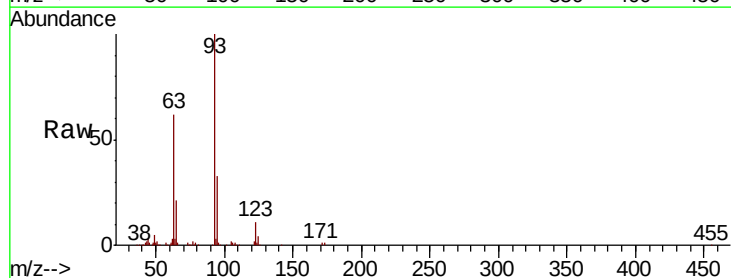
Instrument :
 BNA_G
 ClientSampleId :

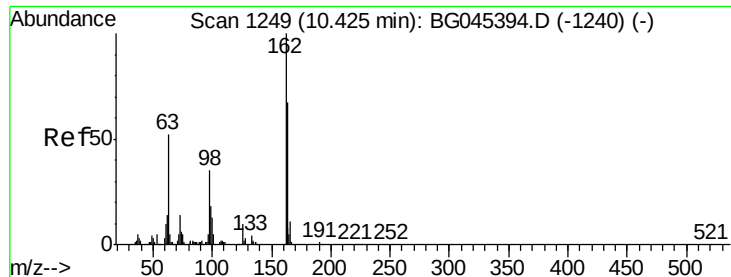
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.8	99.0	148.4
121	58.4	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.213 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.6	41.4
123	11.2	8.1	12.1

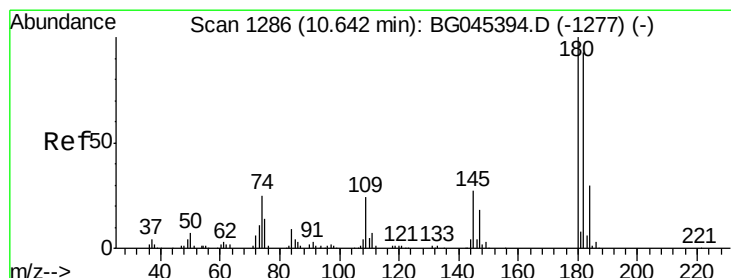
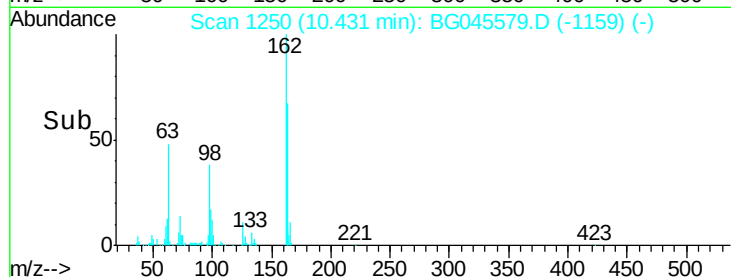
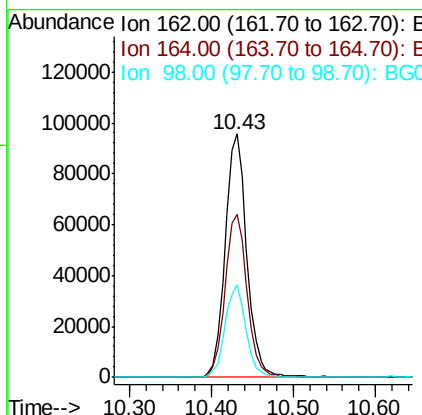
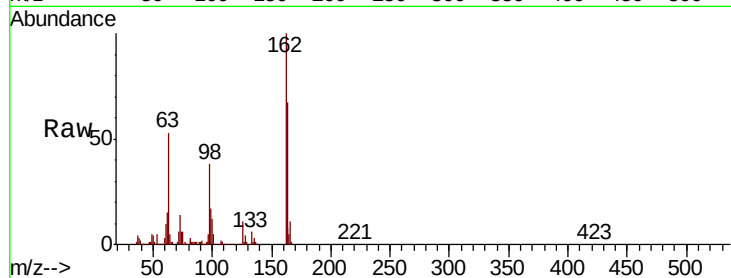




#29
2,4-Dichlorophenol
Concen: 49.815 ng
RT: 10.43 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

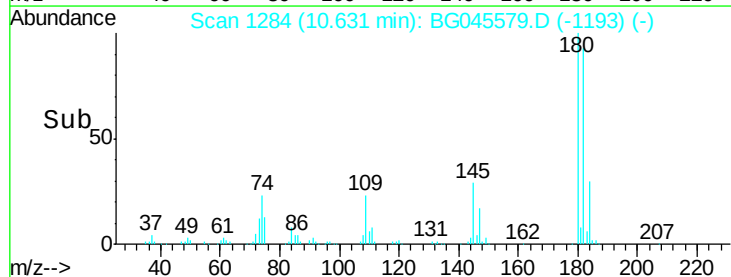
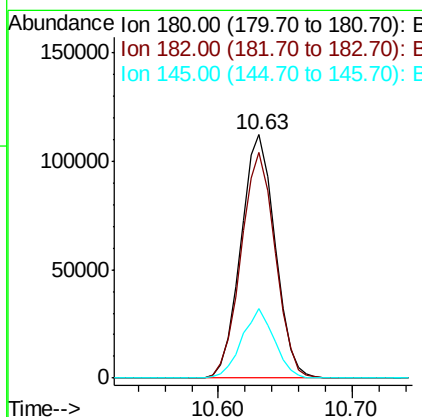
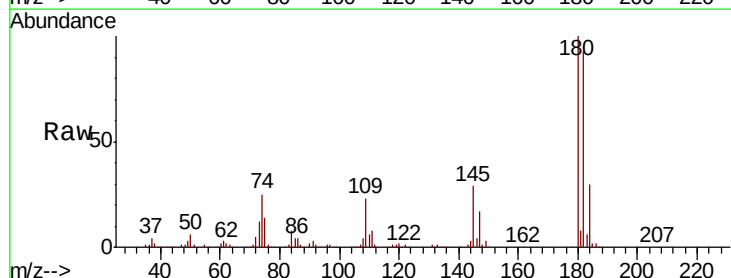
Instrument :
BNA_G
ClientSampleId :

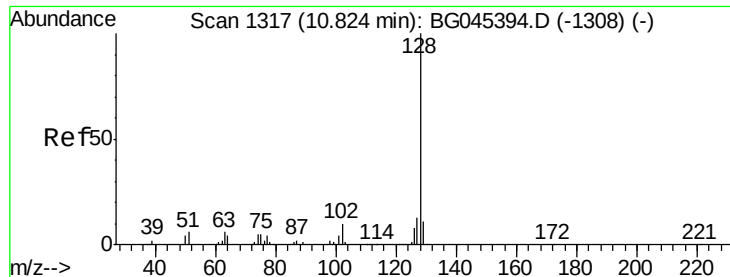
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	46.8	86.8
98	38.0	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 47.661 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	74.8	112.2
145	28.5	21.9	32.9

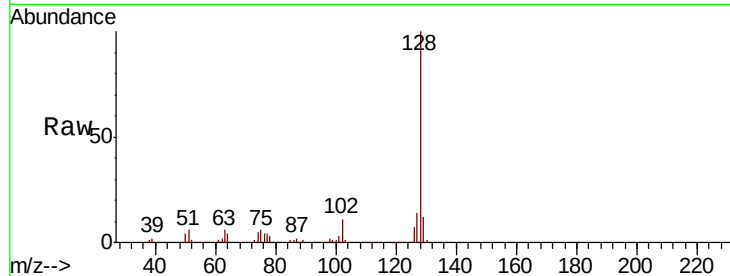




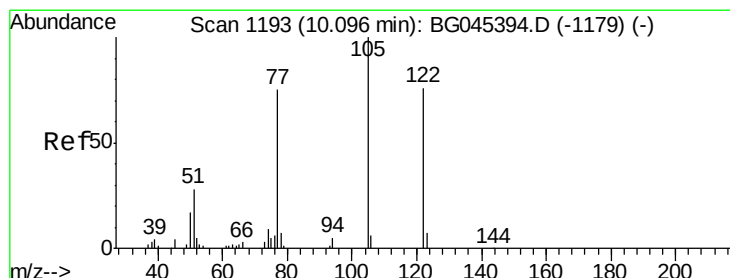
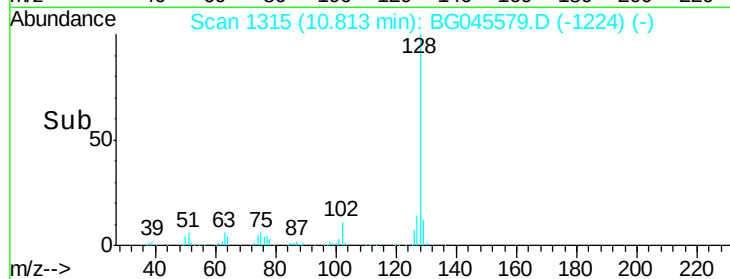
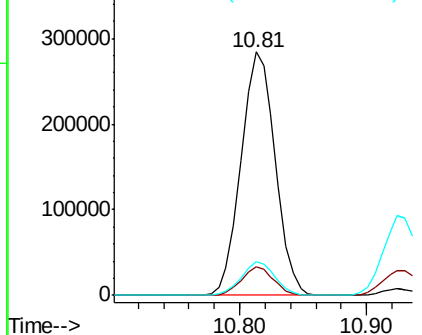
#31
Naphthalene
Concen: 47.608 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.1	10.7	16.1

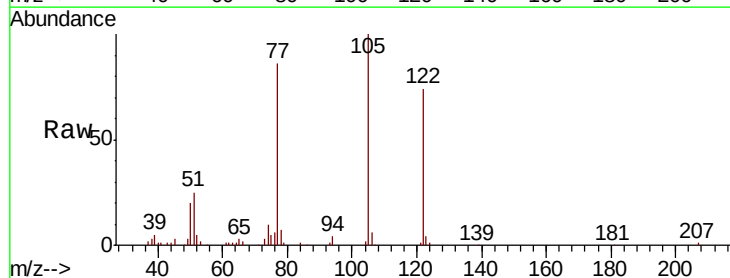


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

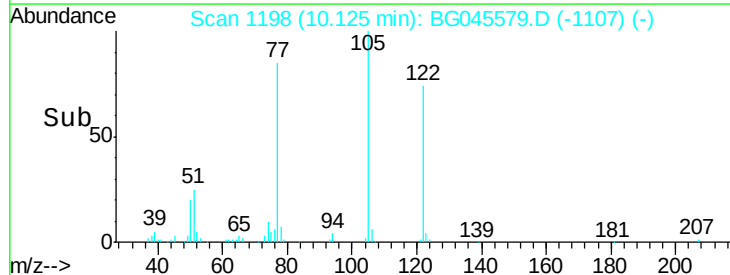
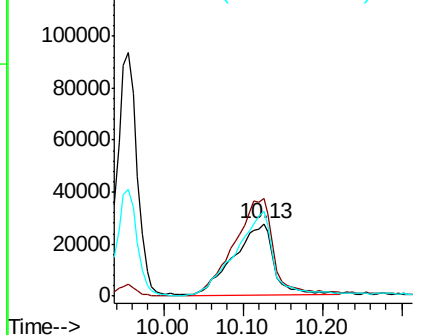


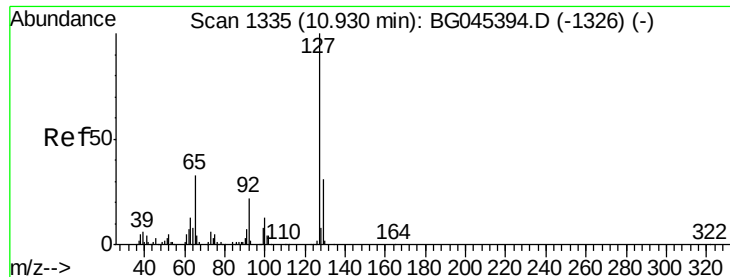
#32
Benzoic acid
Concen: 47.541 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.2	107.9	147.9
77	116.4	78.9	118.9



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

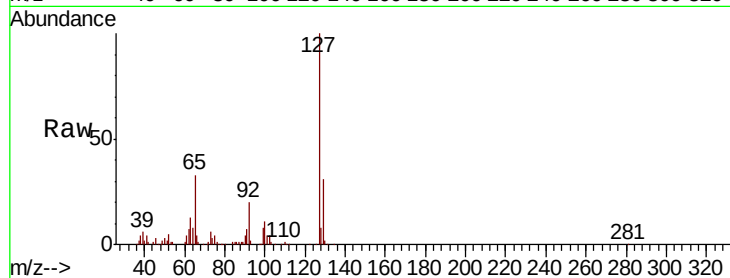




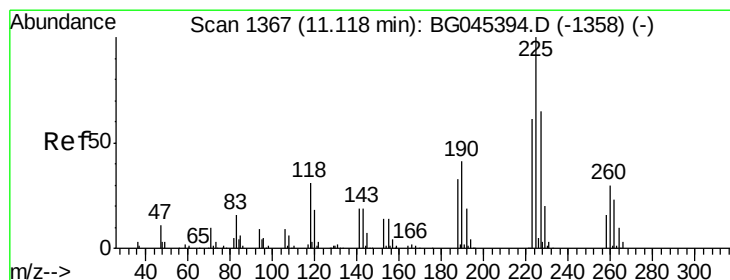
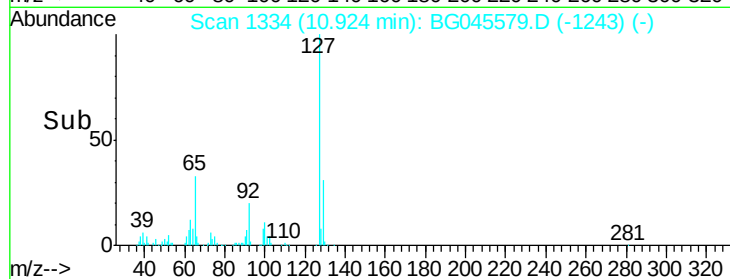
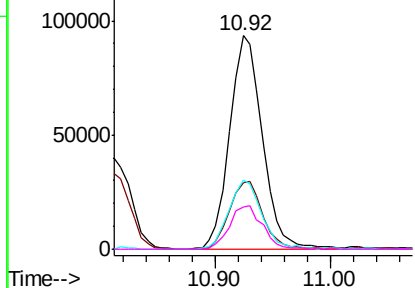
#33
4-Chloroaniline
Concen: 39.404 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	184151
Ion	Ratio	Lower	Upper
127	100		
129	31.3	24.7	37.1
65	32.5	26.2	39.2
92	19.7	17.9	26.9

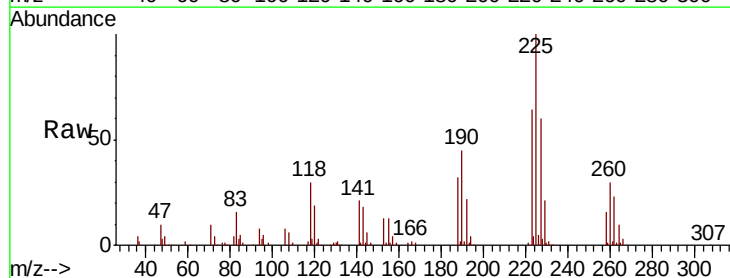


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

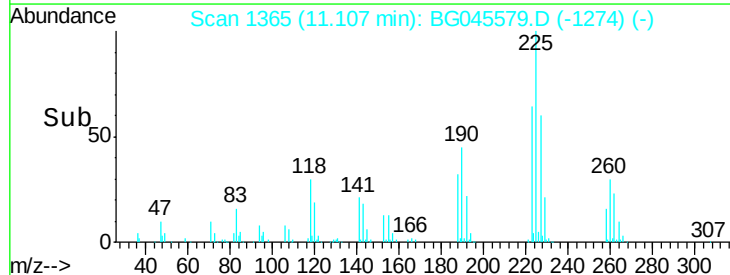
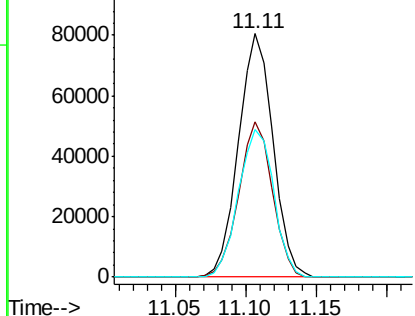


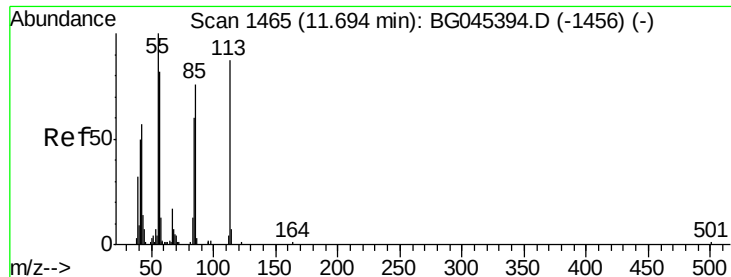
#34
Hexachlorobutadiene
Concen: 46.760 ng
RT: 11.11 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion:	225	Resp:	137939
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.1	73.7
227	60.4	52.0	78.0



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





#35

Caprolactam

Concen: 28.772 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

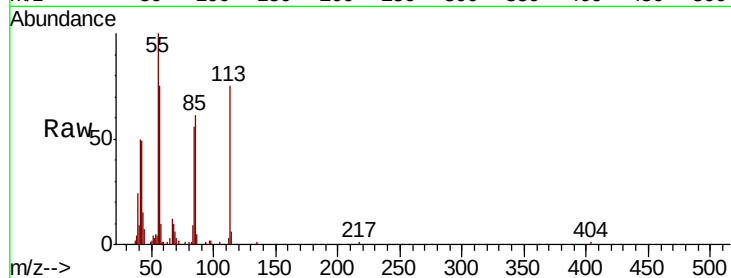
Tot Ion:113 Resp: 37298

Ion Ratio Lower Upper

113 100

55 132.8 96.0 136.0

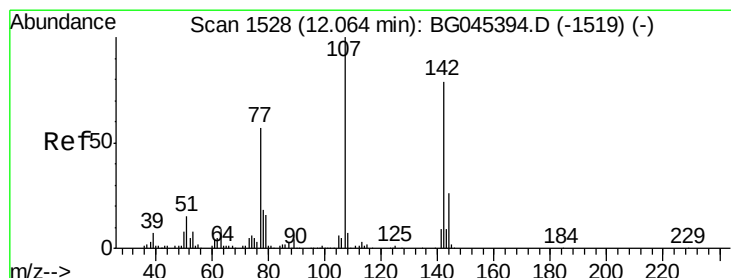
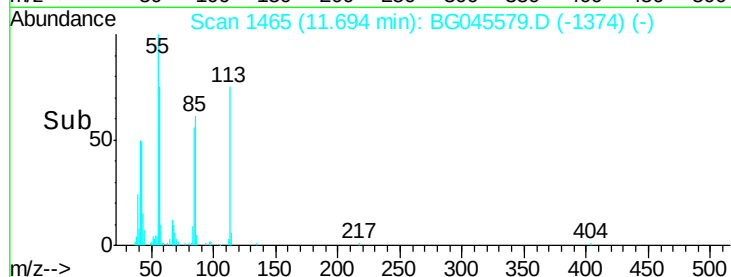
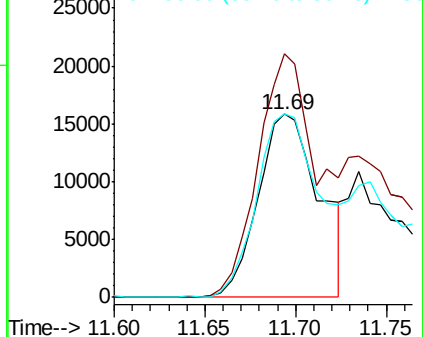
56 100.0 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.933 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

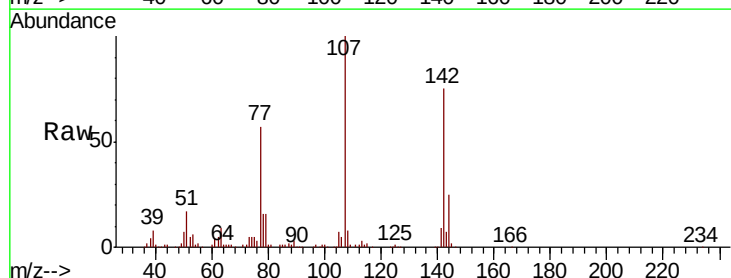
Tgt Ion:107 Resp: 202698

Ion Ratio Lower Upper

107 100

144 24.6 20.8 31.2

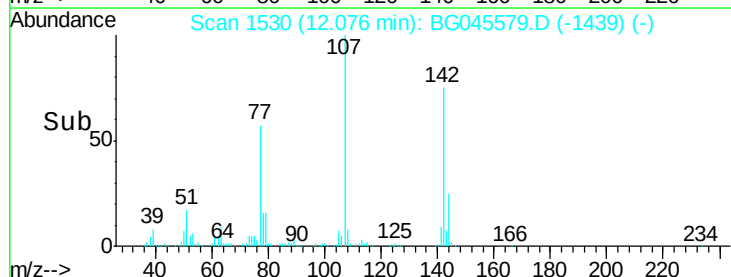
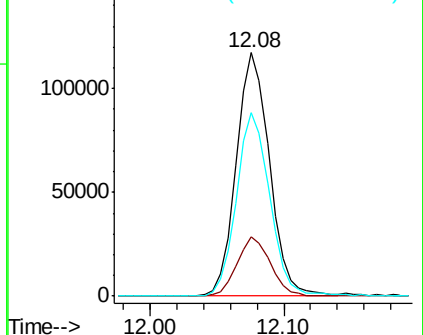
142 75.4 62.8 94.2

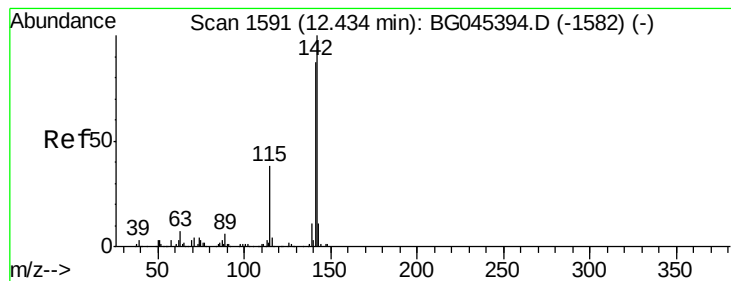


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.807 ng

RT: 12.42 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

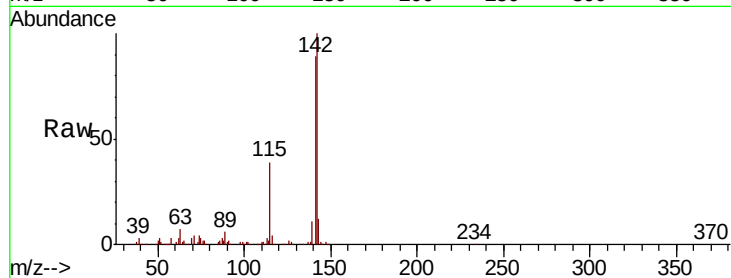
Tot Ion:142 Resp: 398377

Ion Ratio Lower Upper

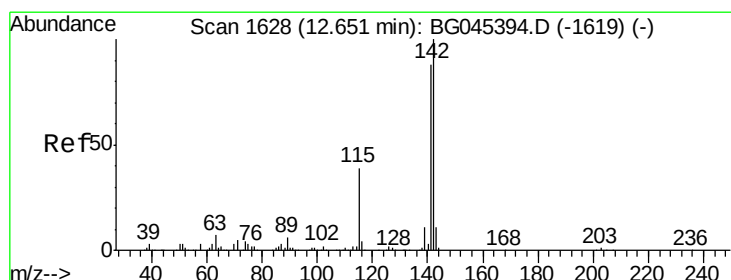
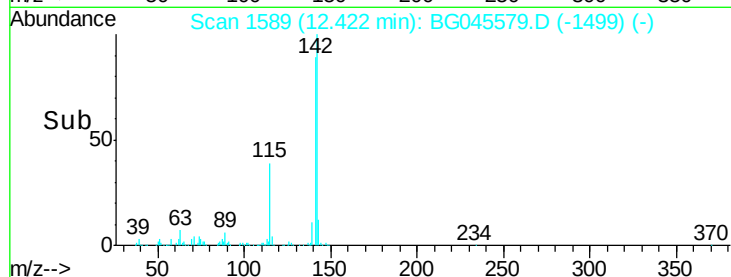
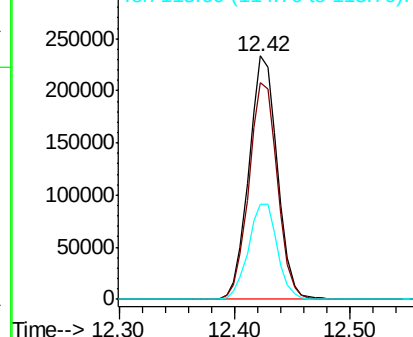
142 100

141 89.1 70.0 105.0

115 39.3 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.766 ng

RT: 12.65 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

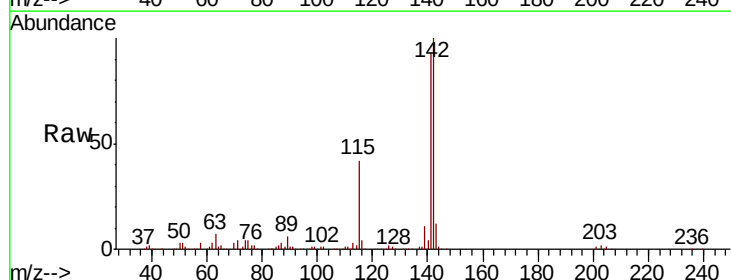
Tgt Ion:142 Resp: 375993

Ion Ratio Lower Upper

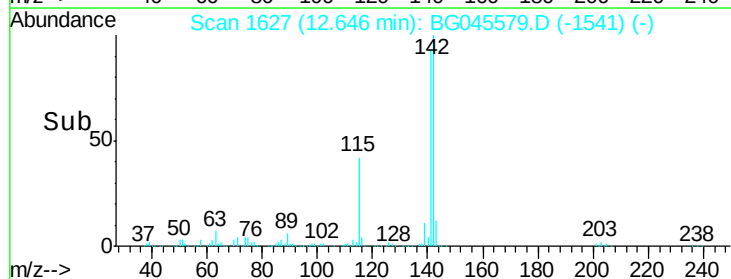
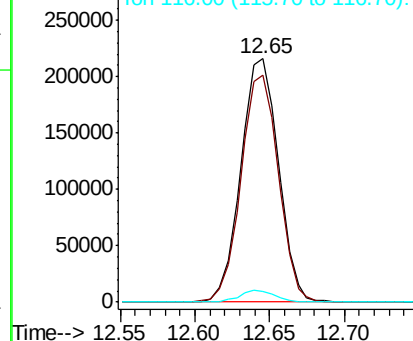
142 100

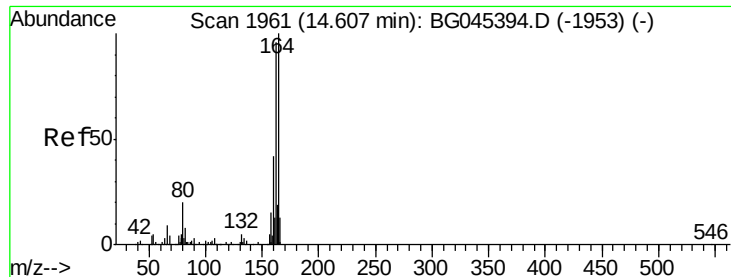
141 93.0 70.8 106.2

116 4.3 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampled :

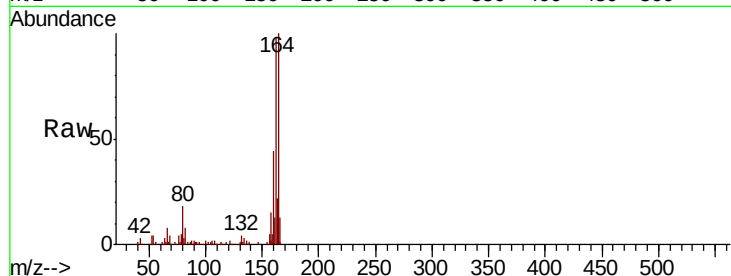
Tot Ion:164 Resp: 170061

Ion Ratio Lower Upper

164 100

162 97.5 76.9 115.3

160 43.6 33.8 50.8

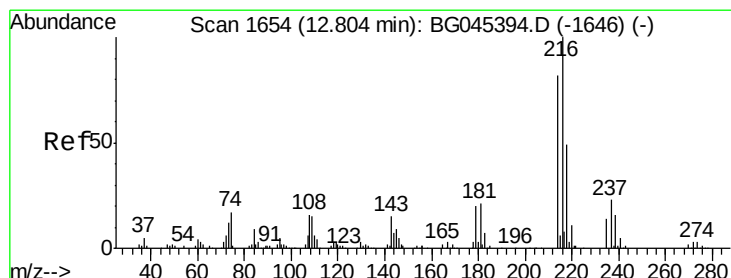
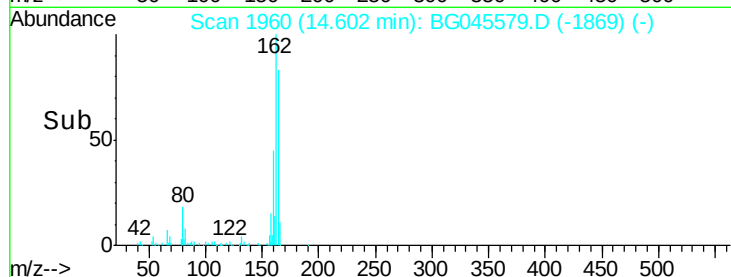
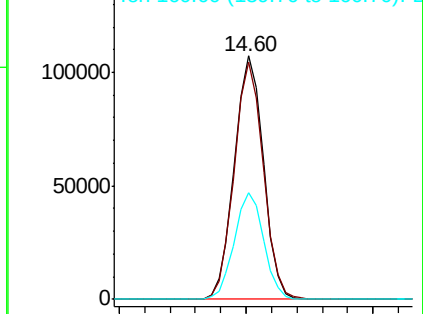


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.404 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:216 Resp: 225171

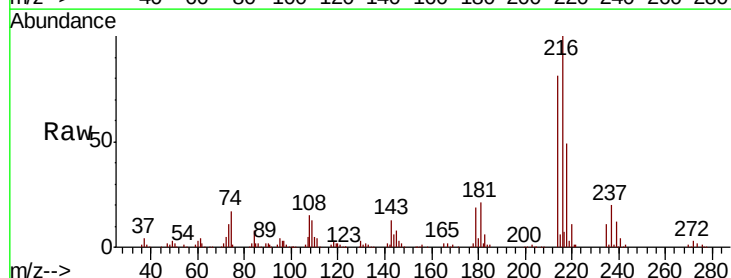
Ion Ratio Lower Upper

216 100

214 78.7 63.7 95.5

179 20.2 16.1 24.1

108 19.3 13.8 20.6



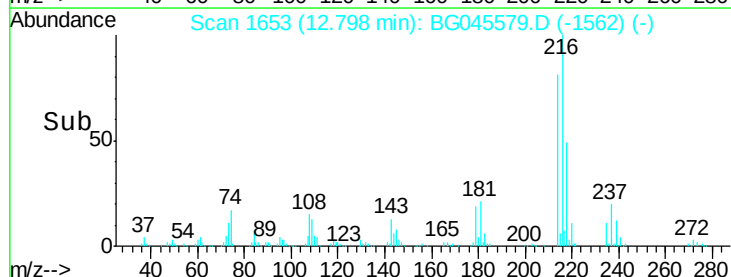
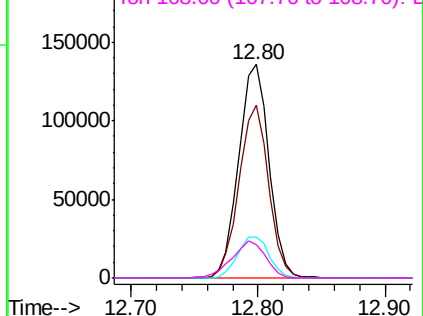
Abundance

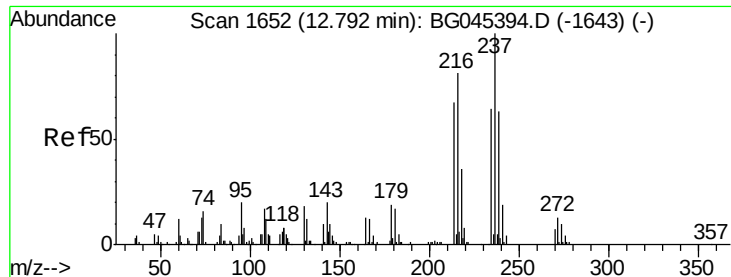
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

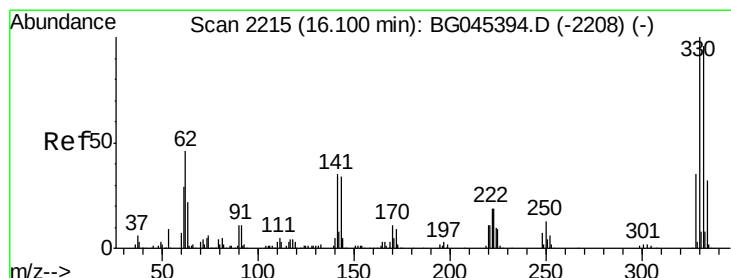
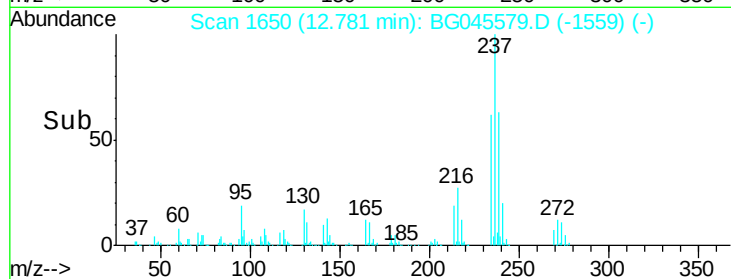
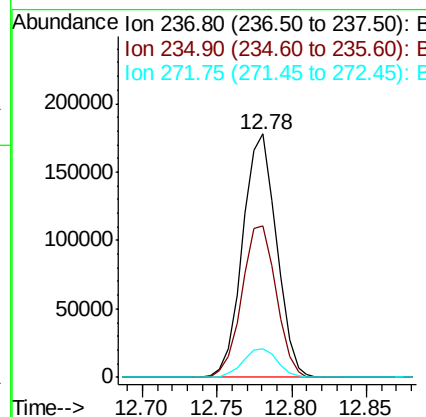
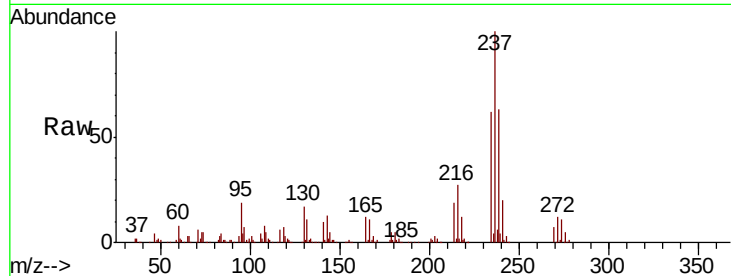




#41
Hexachlorocyclopentadiene
Concen: 101.779 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

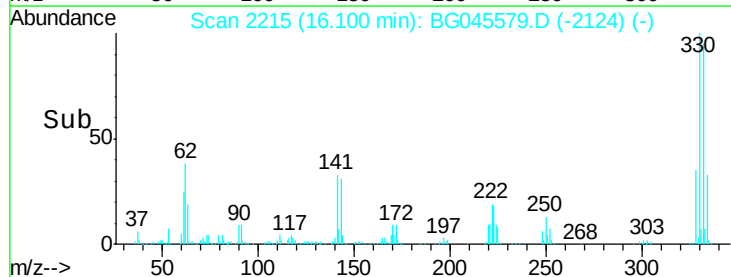
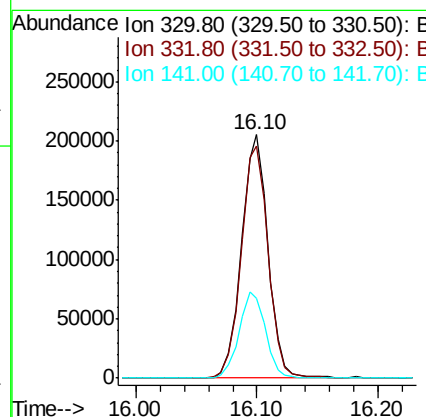
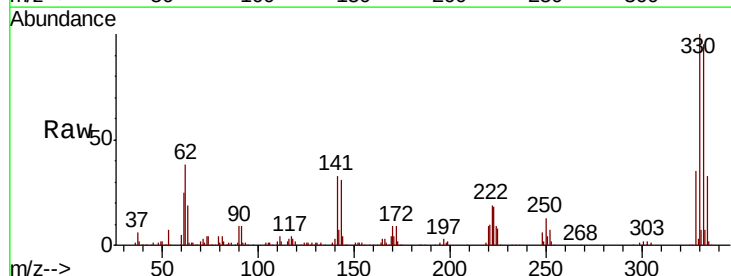
Instrument :
BNA_G
ClientSampled :

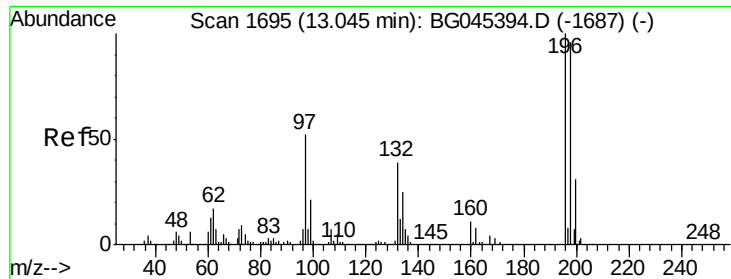
Tot Ion:237 Resp: 279042
Ion Ratio Lower Upper
237 100
235 62.1 44.4 84.4
272 11.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 143.961 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion:330 Resp: 313098
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.4
141 35.3 28.2 42.4

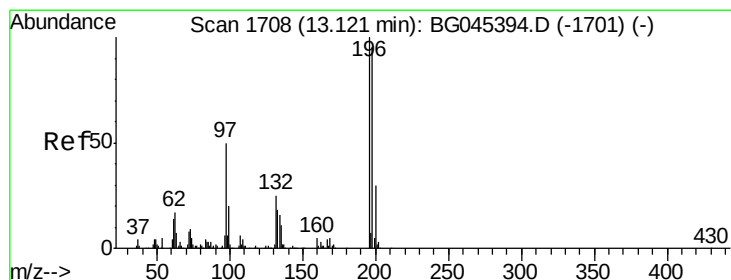
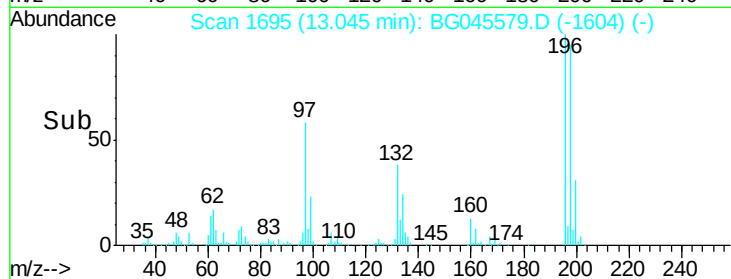
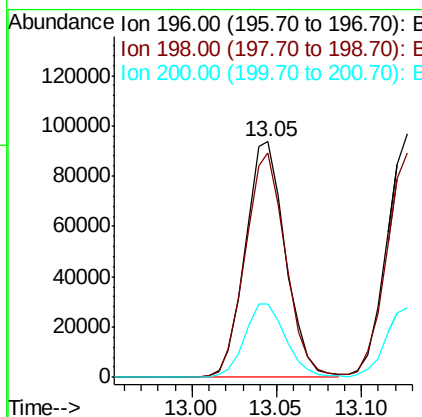
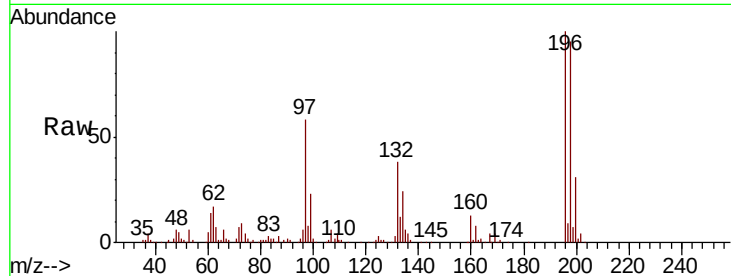




#43
 2,4,6-Trichlorophenol
 Concen: 47.081 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

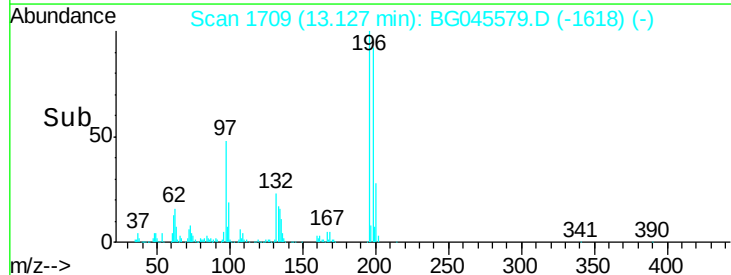
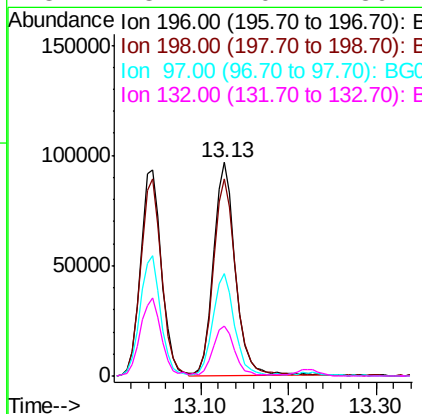
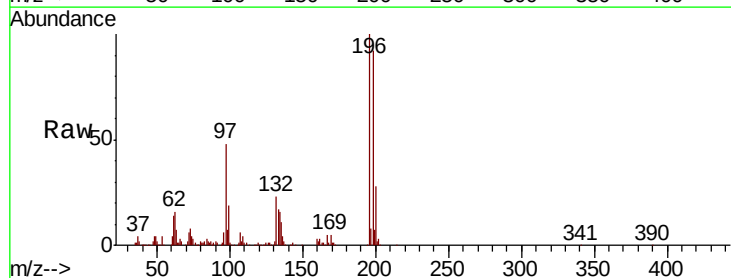
Instrument :
 BNA_G
 ClientSampleId :

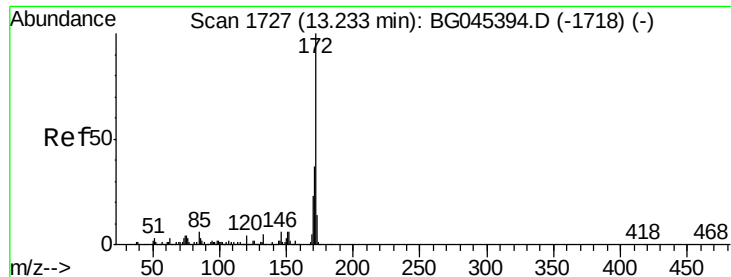
Tot Ion:196 Resp: 155354
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.7 115.1
 200 31.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.587 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion:196 Resp: 168125
 Ion Ratio Lower Upper
 196 100
 198 92.2 76.1 114.1
 97 47.7 40.0 60.0
 132 23.4 20.2 30.2

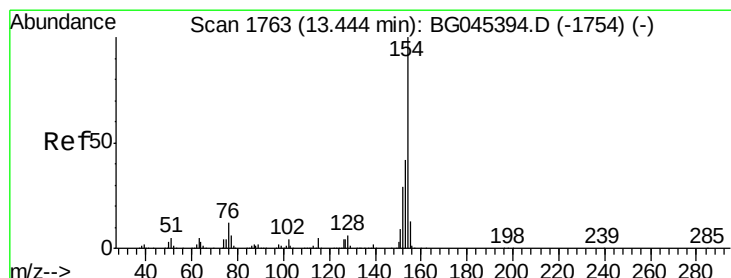
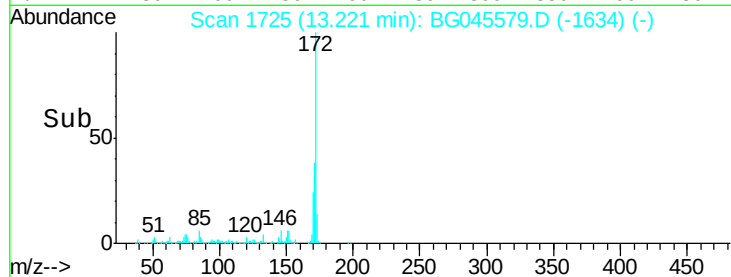
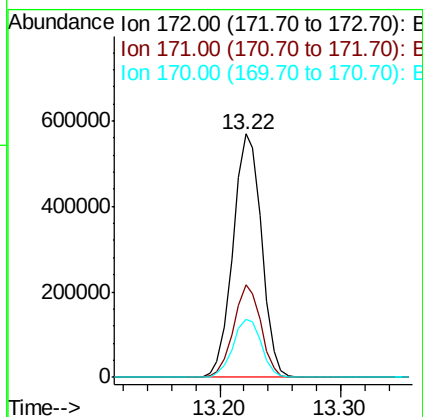
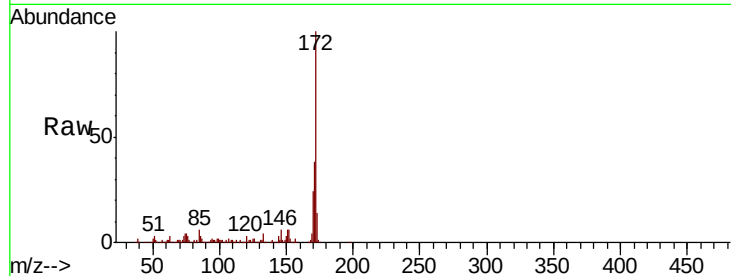




#45
2-Fluorobiphenyl
Concen: 93.582 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

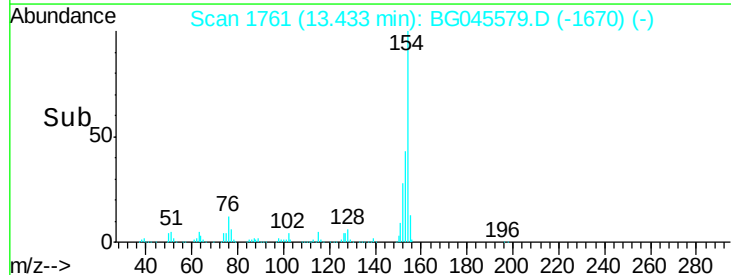
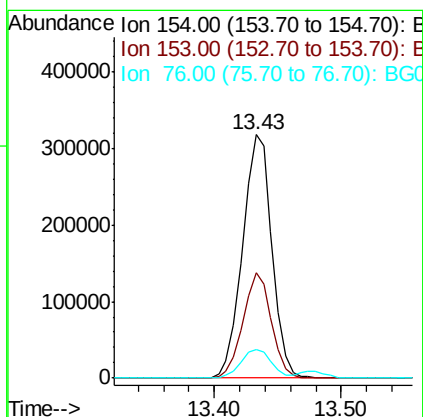
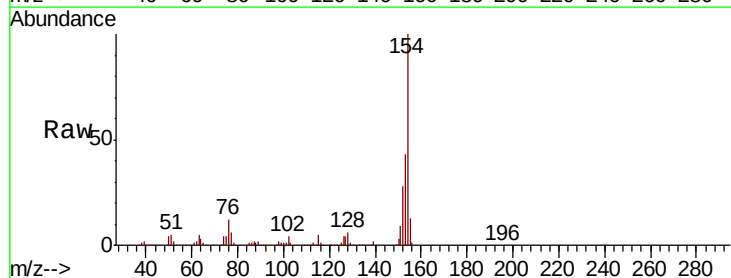
Instrument :
BNA_G
ClientSampleId :

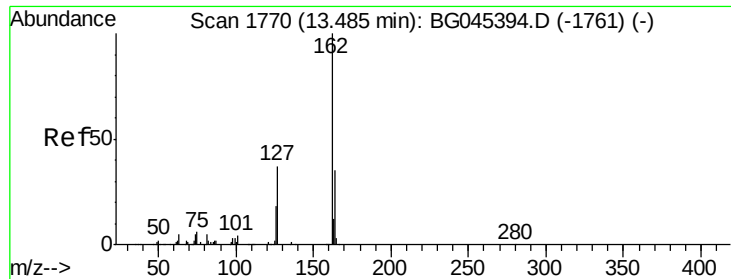
Tot Ion:172 Resp: 938249
Ion Ratio Lower Upper
172 100
171 37.9 29.5 44.3
170 24.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 48.753 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion:154 Resp: 509448
Ion Ratio Lower Upper
154 100
153 43.2 22.2 62.2
76 11.7 0.0 32.4

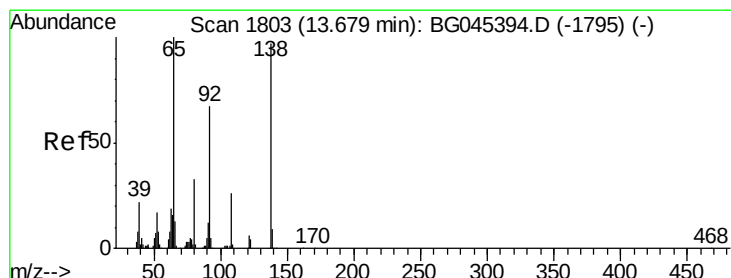
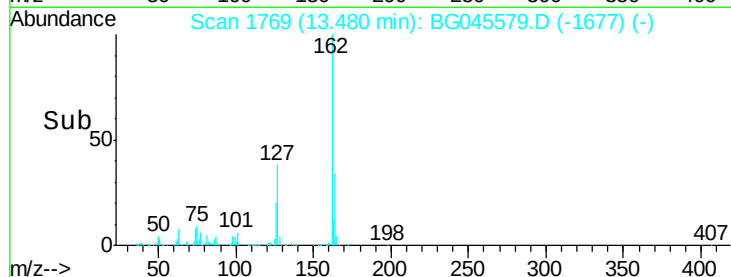
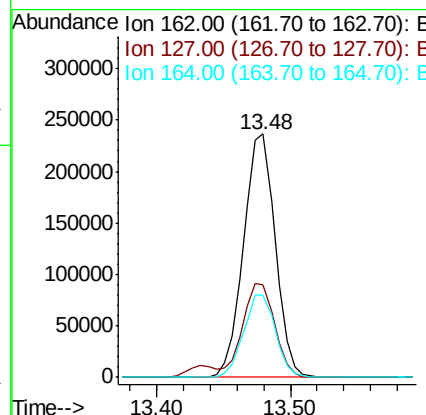
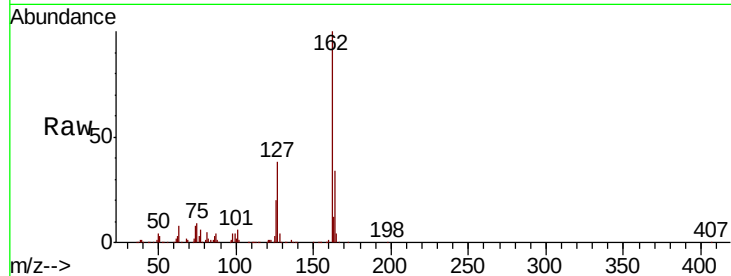




#47
 2-Chloronaphthalene
 Concen: 45.692 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

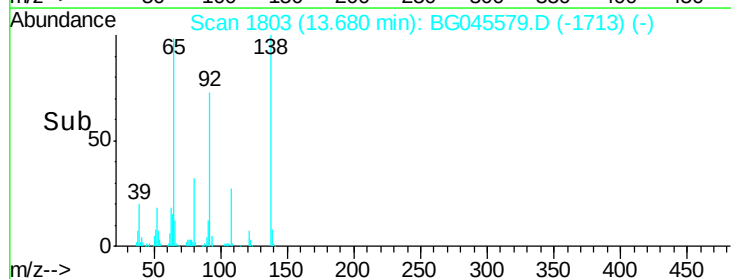
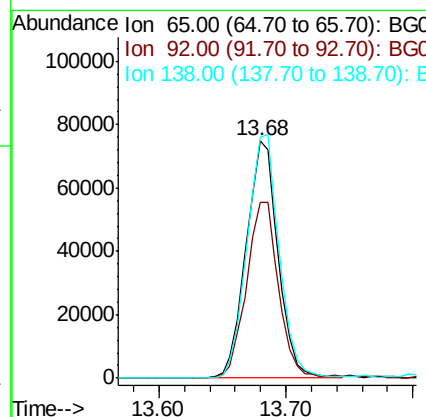
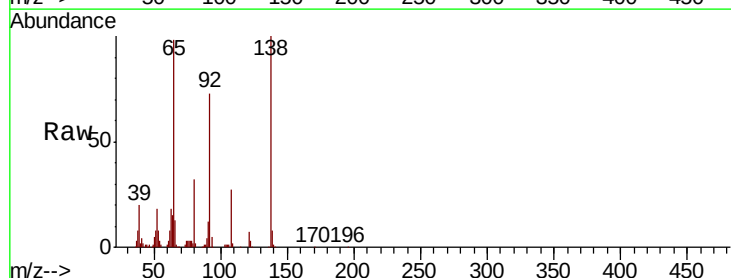
Instrument :
 BNA_G
 ClientSampleId :

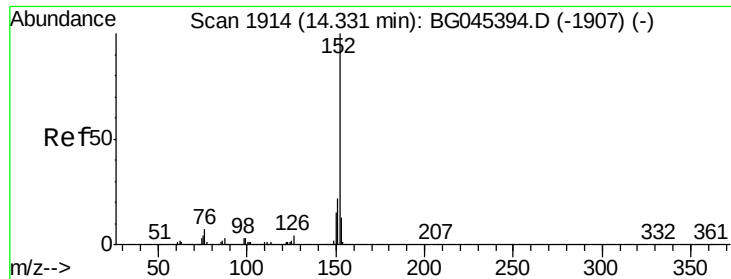
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.6	47.4
164	33.7	28.1	42.1



#48
 2-Nitroaniline
 Concen: 47.122 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	53.8	80.8
138	101.6	77.9	116.9





#49

Acenaphthylene

Concen: 47.625 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampled :

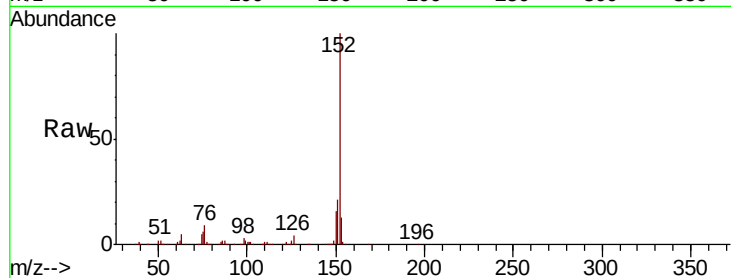
Tot Ion:152 Resp: 649109

Ion Ratio Lower Upper

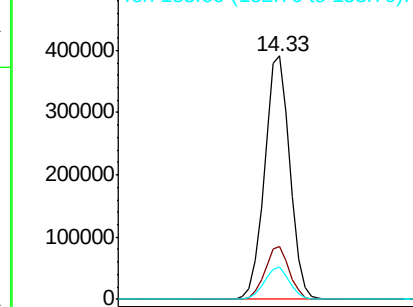
152 100

151 21.5 17.4 26.2

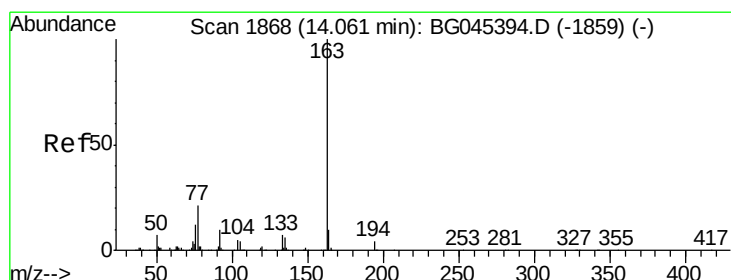
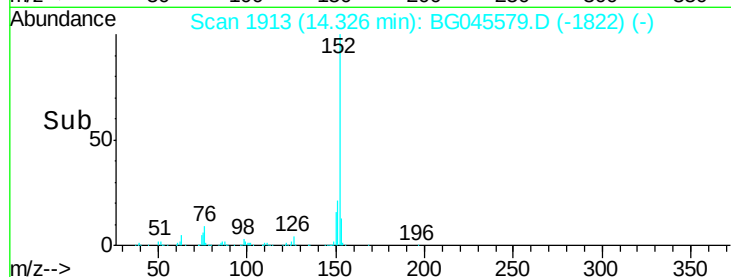
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 46.073 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

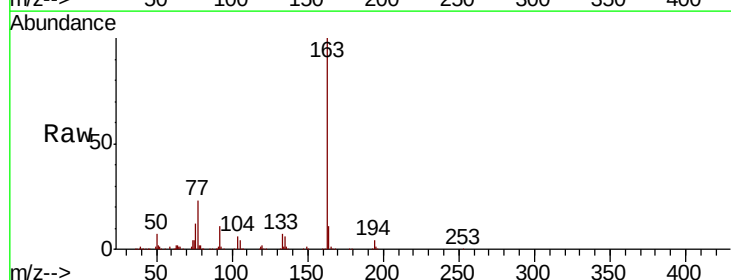
Tgt Ion:163 Resp: 537492

Ion Ratio Lower Upper

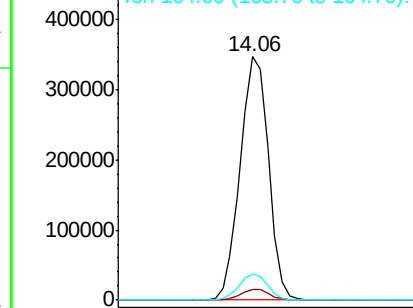
163 100

194 4.3 3.2 4.8

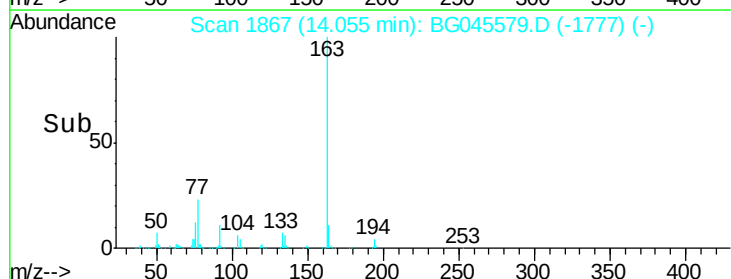
164 10.8 8.3 12.5

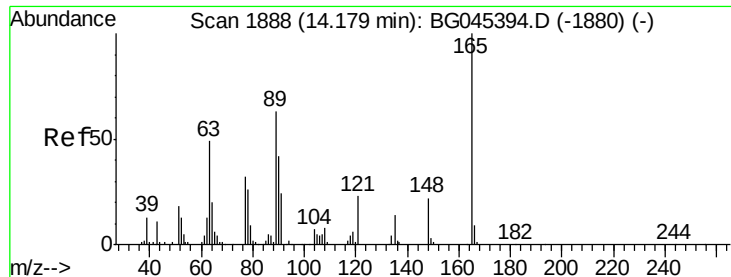


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

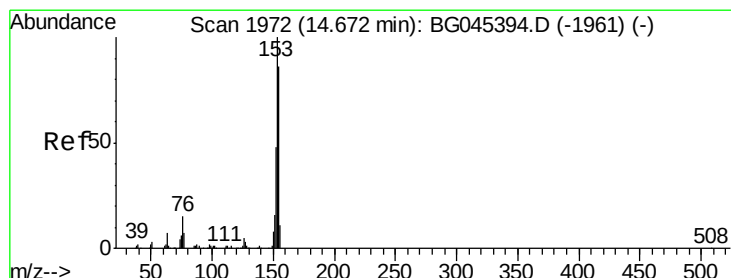
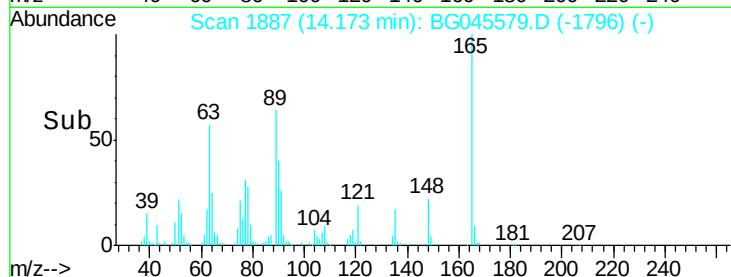
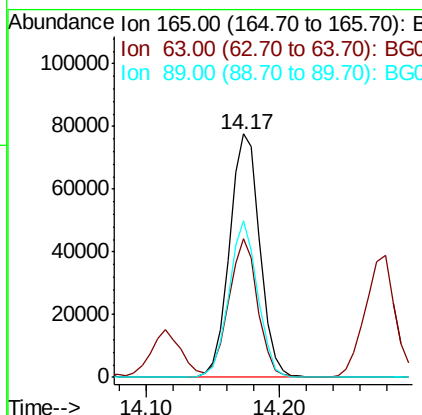
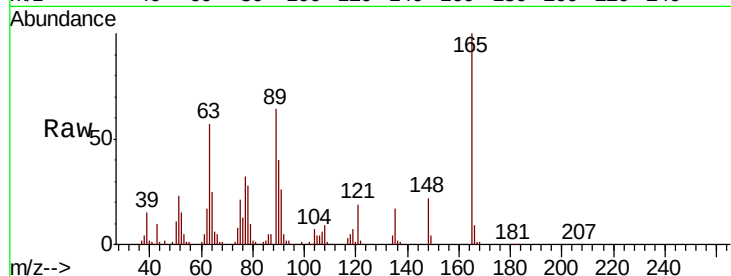




#51
2,6-Dinitrotoluene
Concen: 46.535 ng
RT: 14.17 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

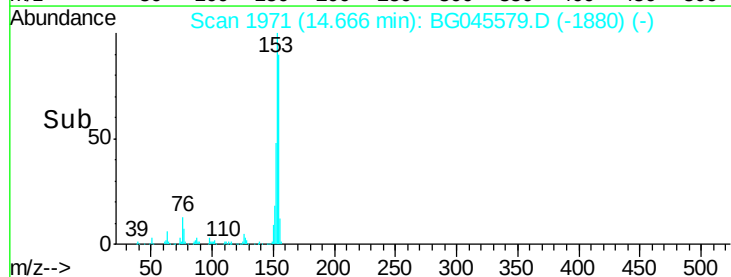
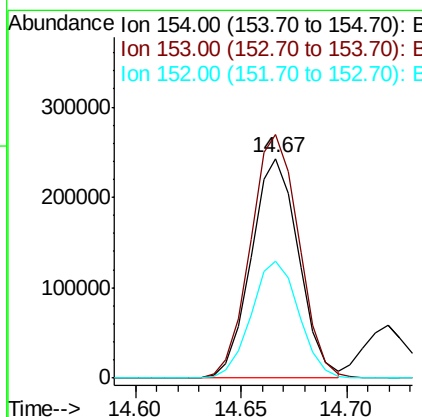
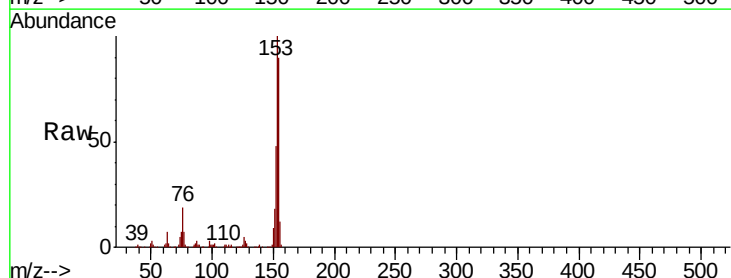
Instrument :
BNA_G
ClientSampleId :

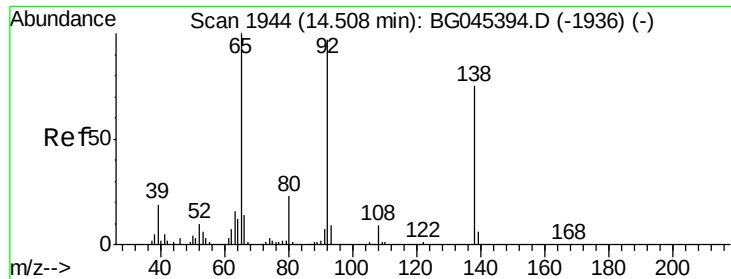
Tot Ion	165	Resp	122502
Ion Ratio	Lower	Upper	
165	100		
63	57.2	45.0	67.4
89	64.2	50.2	75.4



#52
Acenaphthene
Concen: 41.694 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	154	Resp	380391
Ion Ratio	Lower	Upper	
154	100		
153	110.8	92.8	139.2
152	53.4	44.6	66.8

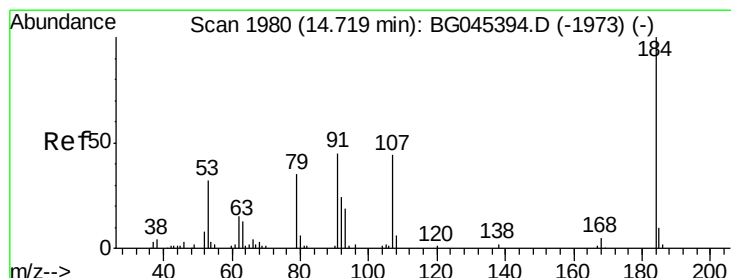
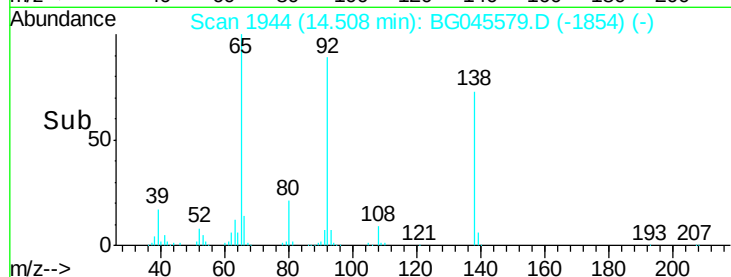
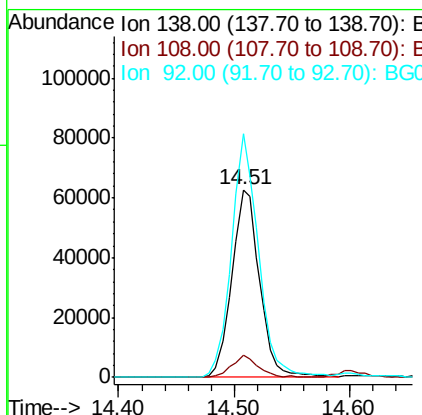
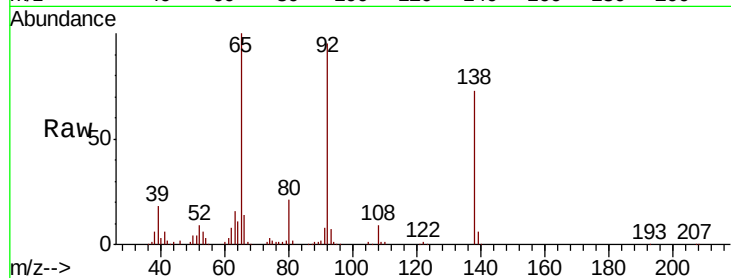




#53
 3-Nitroaniline
 Concen: 39.144 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

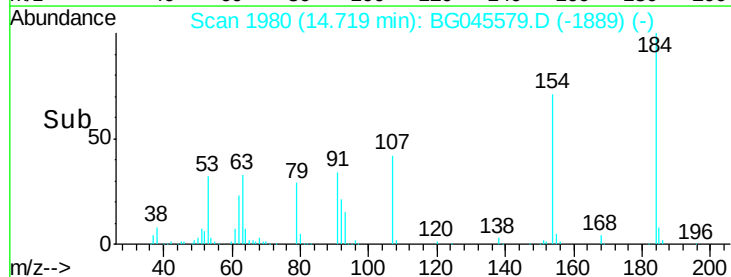
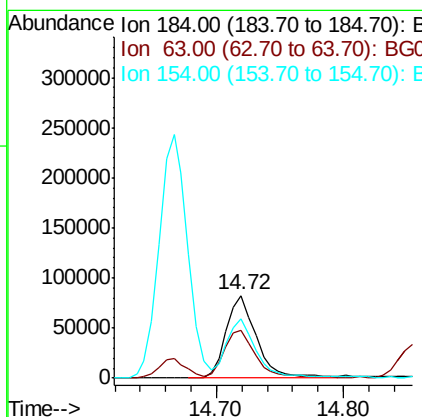
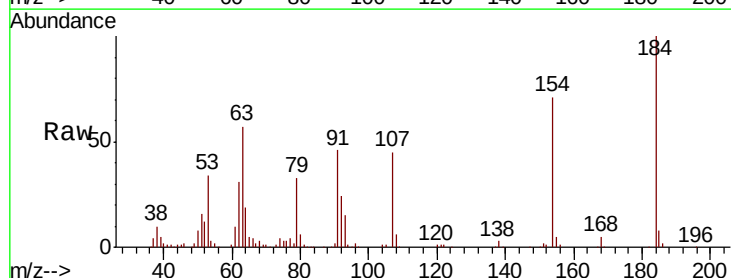
Instrument :
 BNA_G
 ClientSampleId :

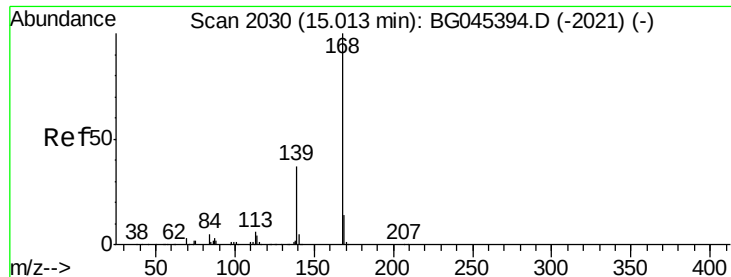
Tot Ion:138 Resp: 104751
 Ion Ratio Lower Upper
 138 100
 108 11.9 9.8 14.6
 92 129.6 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 80.098 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion:184 Resp: 138136
 Ion Ratio Lower Upper
 184 100
 63 57.3 47.8 71.6
 154 71.5 58.3 87.5

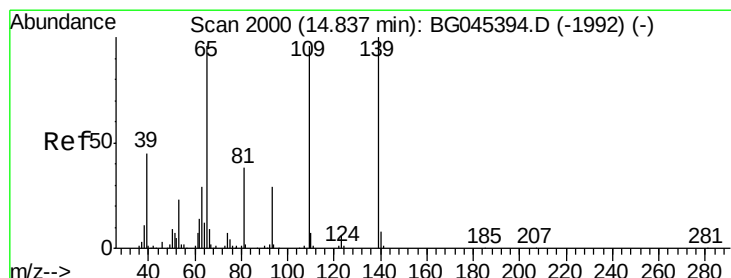
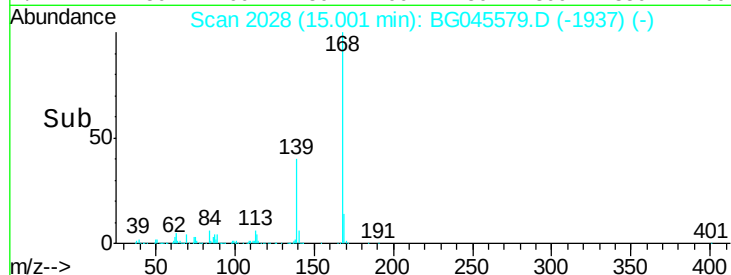
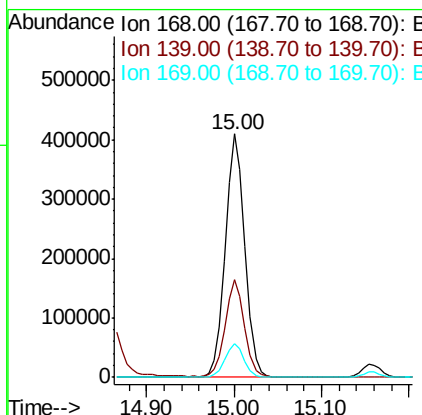
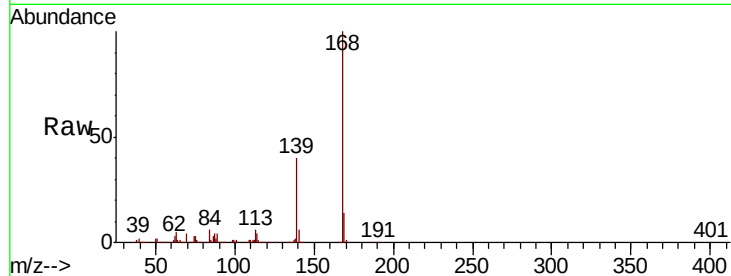




#55
Dibenzofuran
Concen: 46.202 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

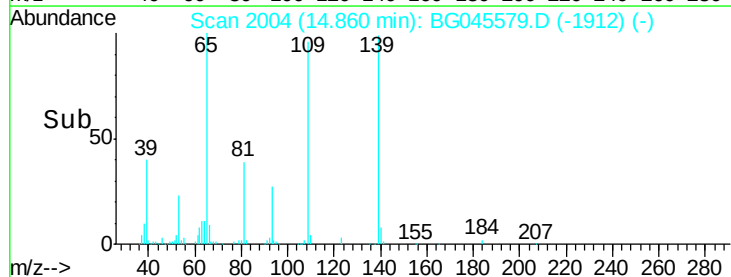
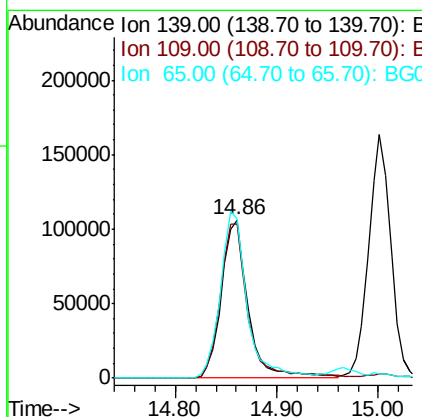
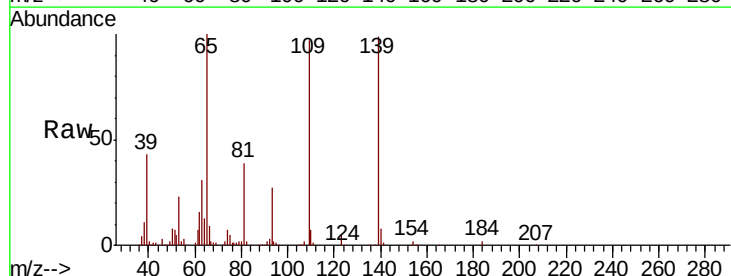
Instrument :
BNA_G
ClientSampleId :

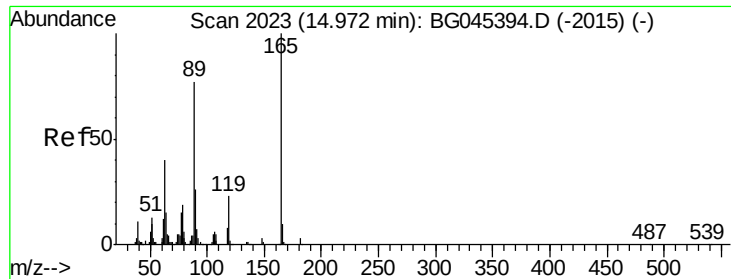
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	29.9	44.9
169	13.8	10.9	16.3



#56
4-Nitrophenol
Concen: 96.495 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.8	75.6	115.6
65	100.5	76.8	116.8

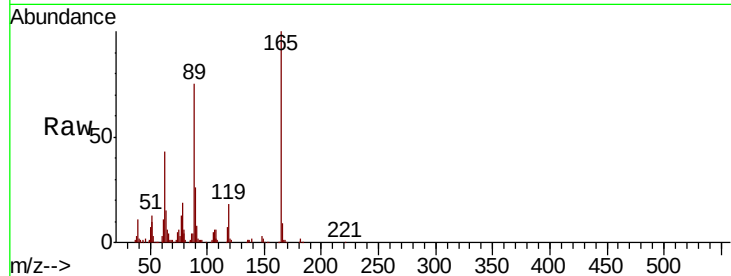




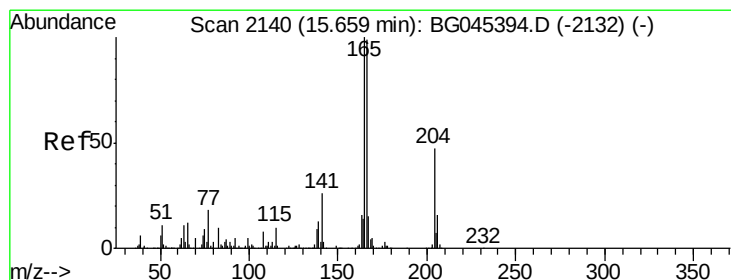
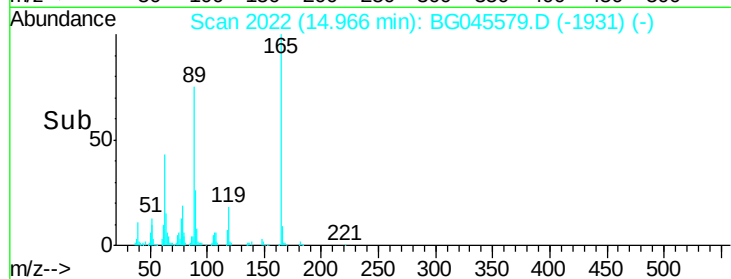
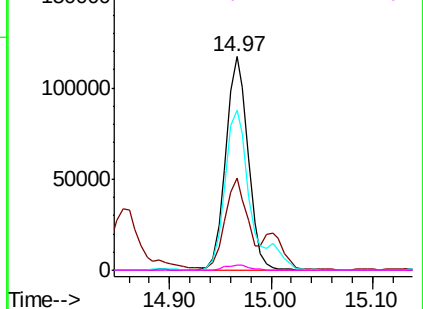
#57
 2,4-Dinitrotoluene
 Concen: 46.983 ng
 RT: 14.97 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 179122
 Ion Ratio Lower Upper
 165 100
 63 43.1 32.5 48.7
 89 74.7 61.8 92.6
 182 2.4 2.3 3.5

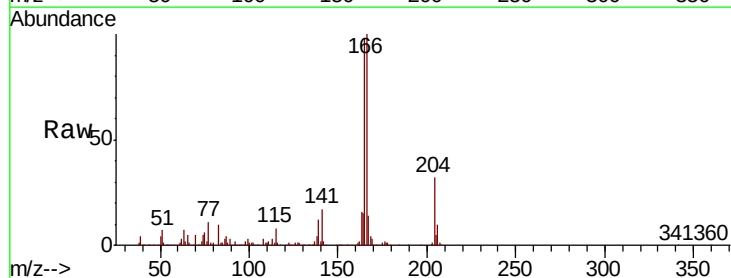


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

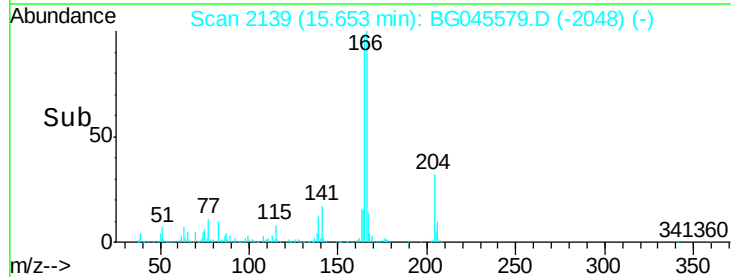
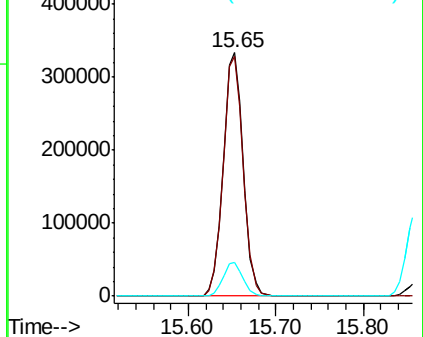


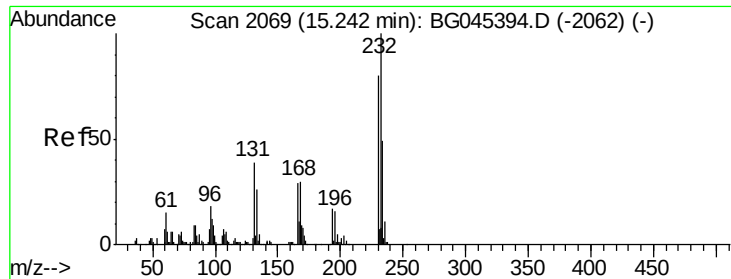
#58
 Fluorene
 Concen: 47.070 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion:166 Resp: 523919
 Ion Ratio Lower Upper
 166 100
 165 98.3 80.8 121.2
 167 13.8 12.0 18.0



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

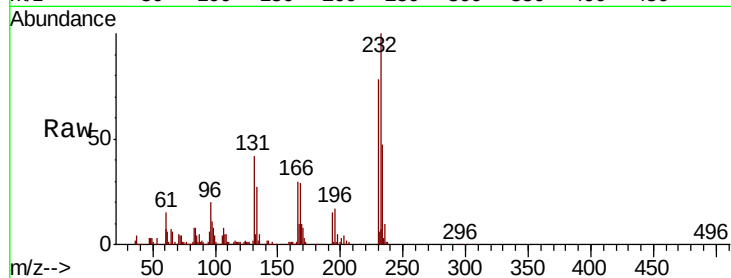




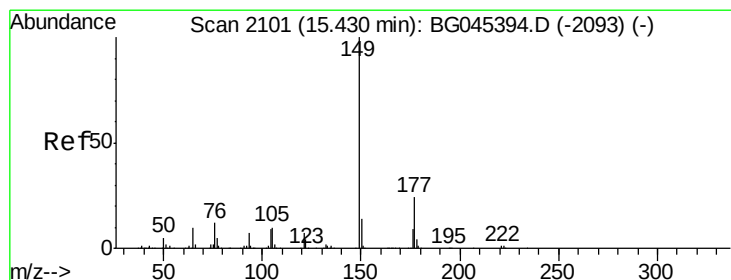
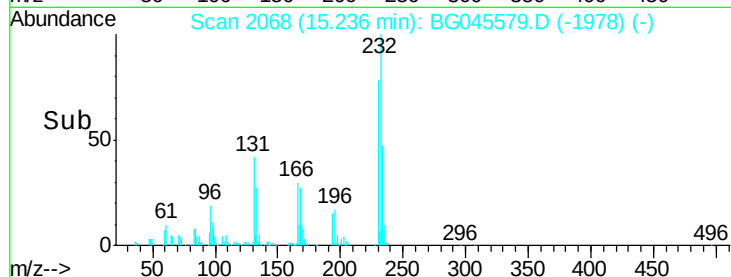
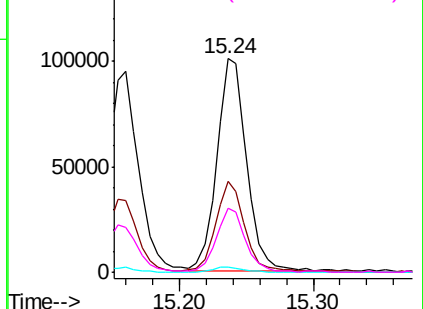
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.666 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	158127
Ion Ratio	Lower	Upper
232	100	
131	40.7	33.7 50.5
130	2.4	2.1 3.1
166	29.1	23.2 34.8

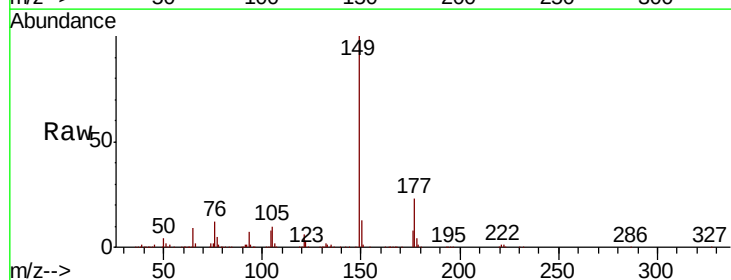


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

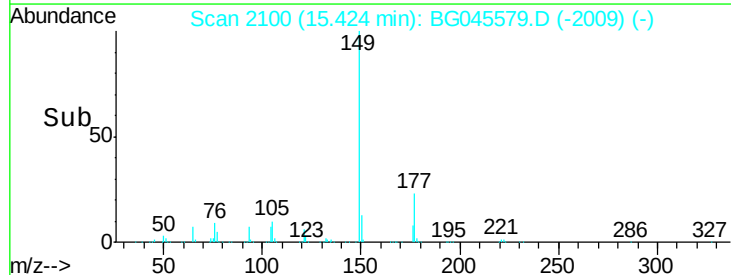
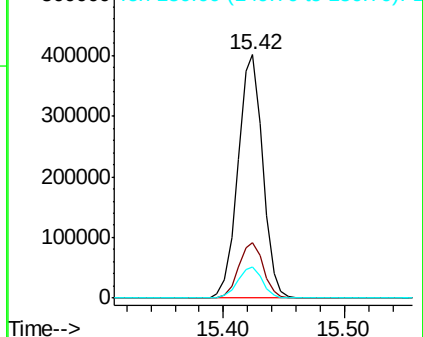


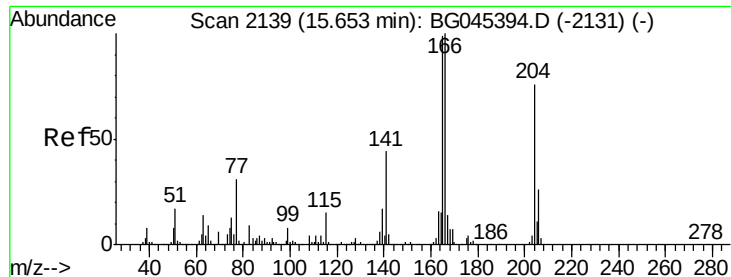
#60
 Diethylphthalate
 Concen: 47.069 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion:149	Resp:	571527
Ion Ratio	Lower	Upper
149	100	
177	23.0	19.0 28.4
150	13.0	11.4 17.0



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

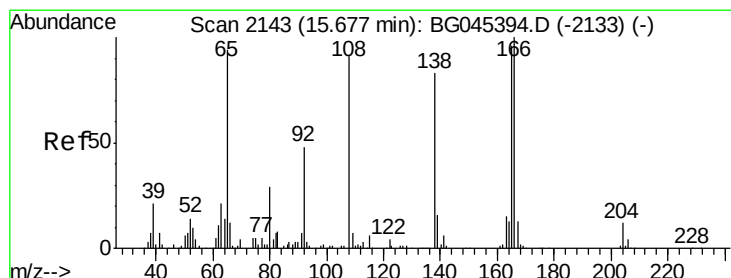
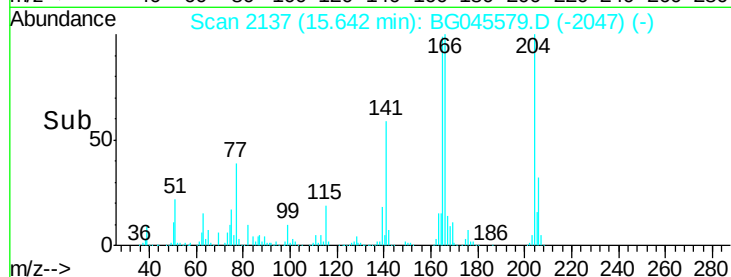
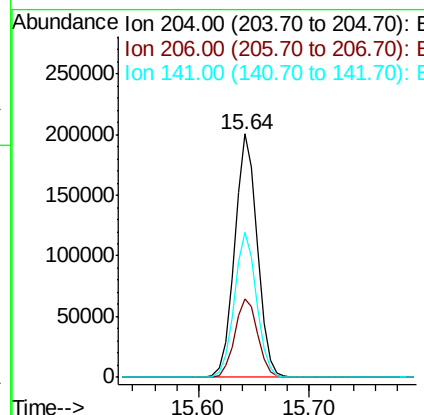
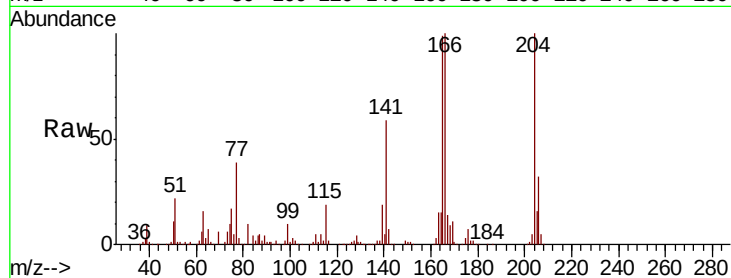




#61
 4-Chlorophenyl-phenylether
 Concen: 45.191 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

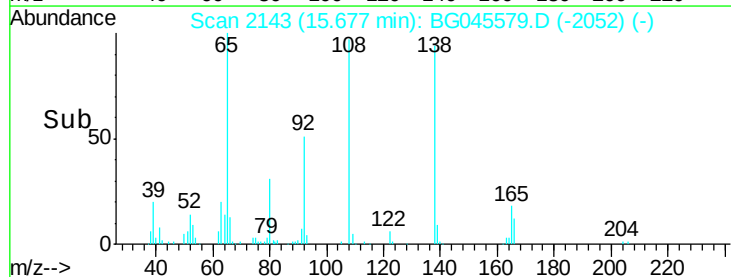
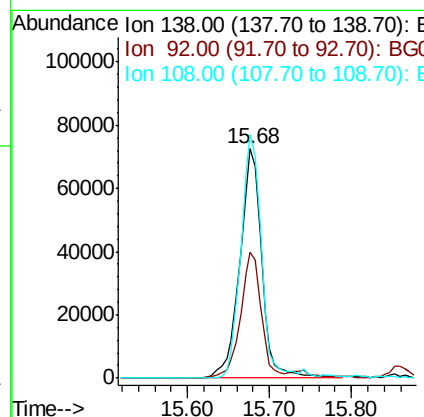
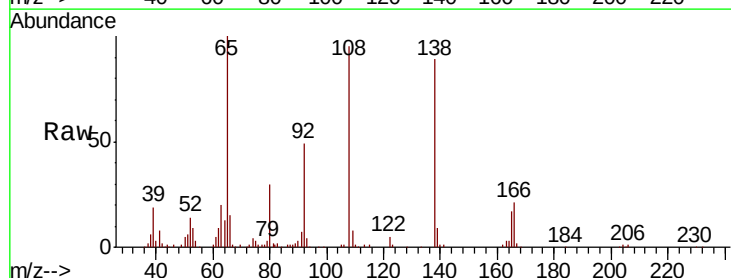
Instrument :
 BNA_G
 ClientSampleId :

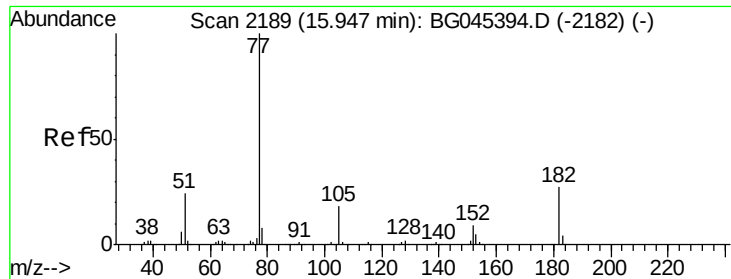
Tot Ion:204 Resp: 287841
 Ion Ratio Lower Upper
 204 100
 206 32.4 27.3 40.9
 141 59.4 45.9 68.9



#62
 4-Nitroaniline
 Concen: 48.718 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion:138 Resp: 136100
 Ion Ratio Lower Upper
 138 100
 92 55.1 38.0 78.0
 108 106.3 89.3 129.3

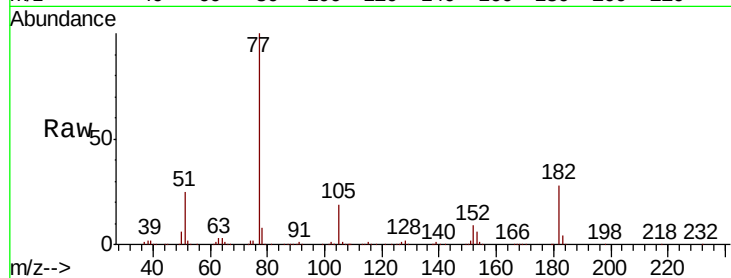




#63
Azobenzene
Concen: 47.235 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	6.5	46.5	
105	19.5	0.0	37.9	
51	24.7	4.1	44.1	



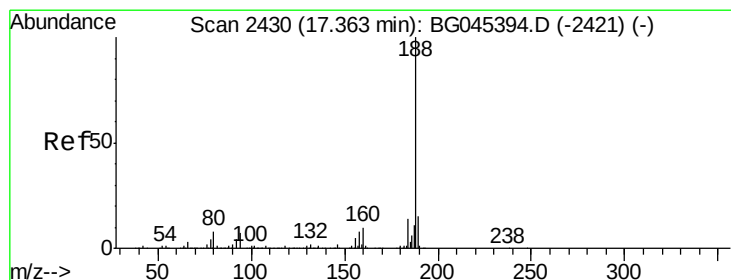
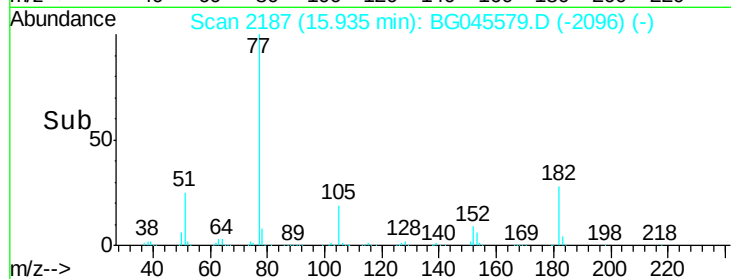
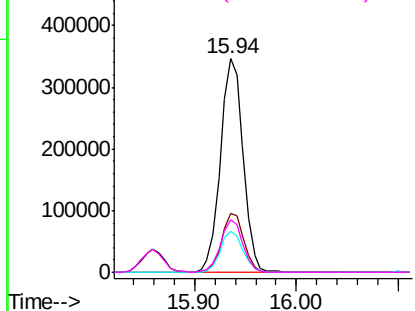
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

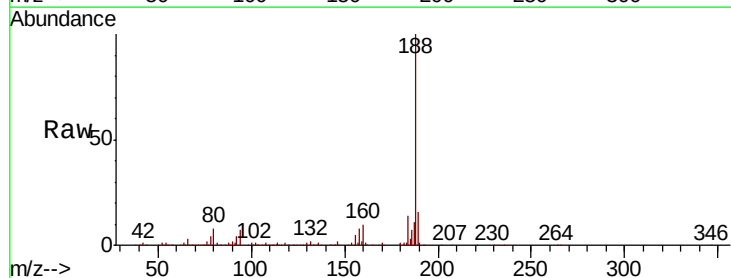
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.7	5.5	8.3	
80	8.2	6.6	10.0	

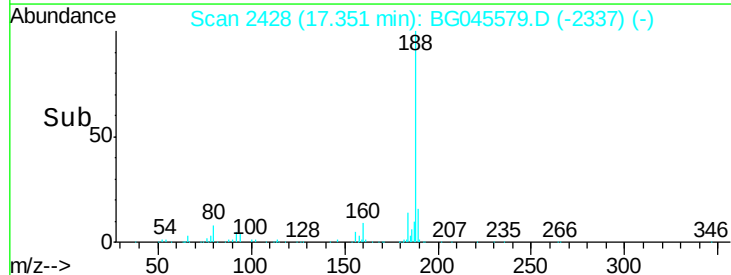
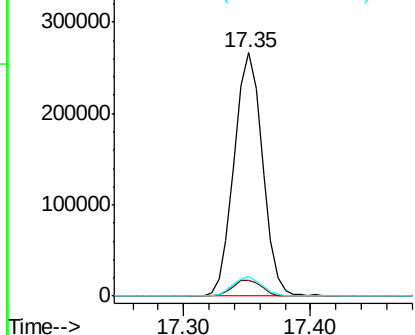


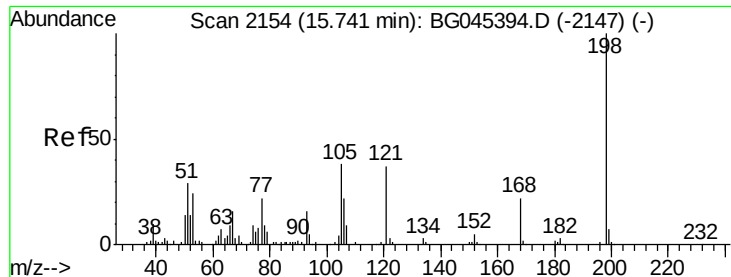
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.099 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

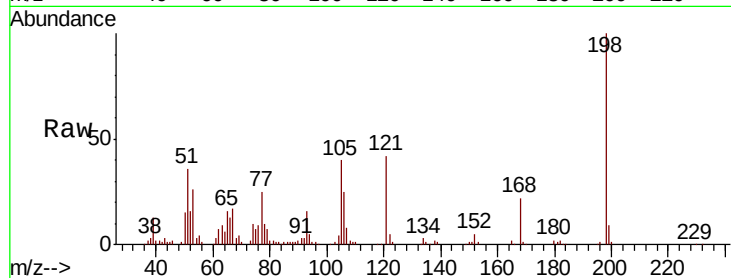
Tot Ion:198 Resp: 113526

Ion Ratio Lower Upper

198 100

51 36.5 10.0 50.0

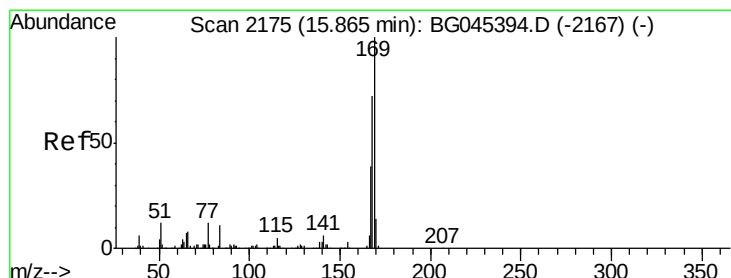
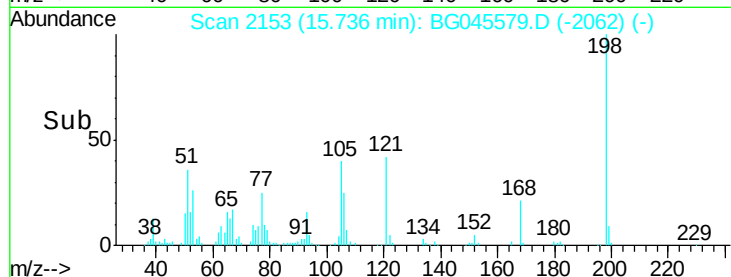
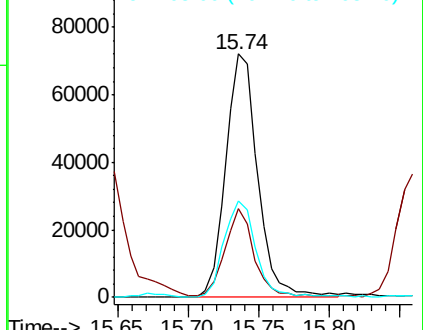
105 39.6 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.605 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

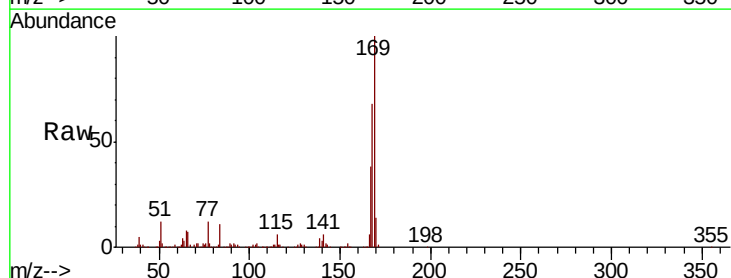
Tgt Ion:169 Resp: 473054

Ion Ratio Lower Upper

169 100

168 68.1 57.8 86.6

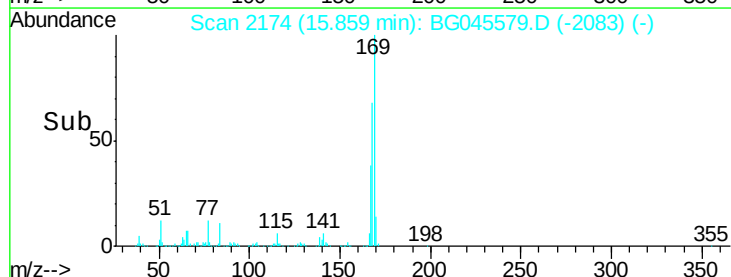
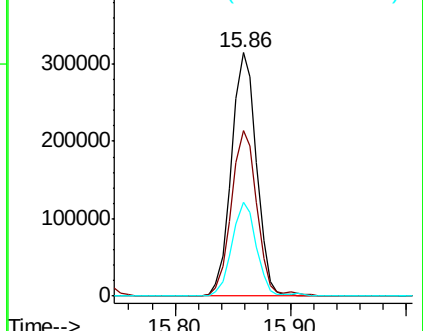
167 38.3 31.5 47.3

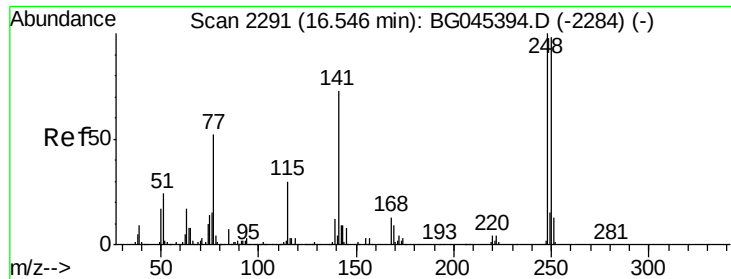


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

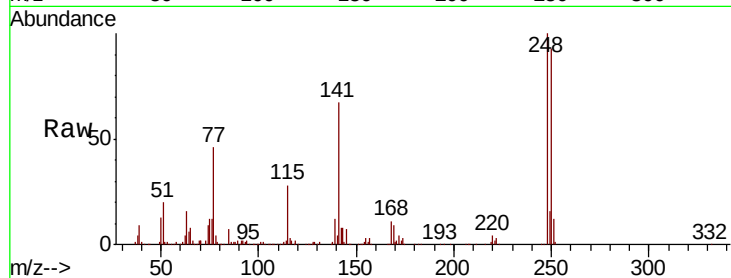




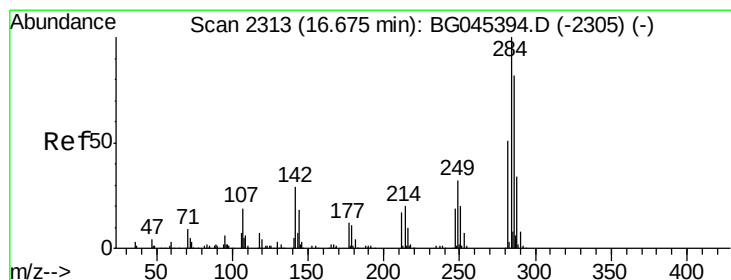
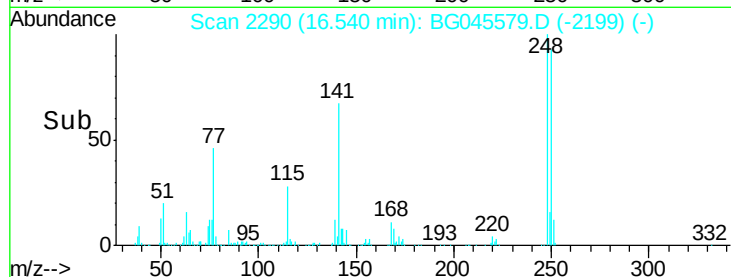
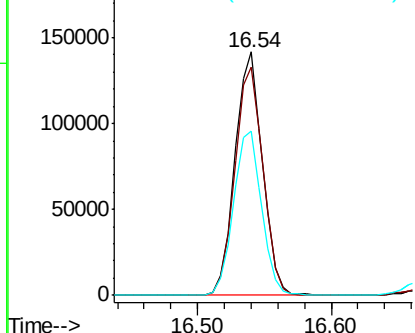
#67
4-Bromophenyl-phenylether
Concen: 45.112 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 202169
Ion Ratio Lower Upper
248 100
250 93.5 78.6 117.8
141 67.4 58.2 87.2

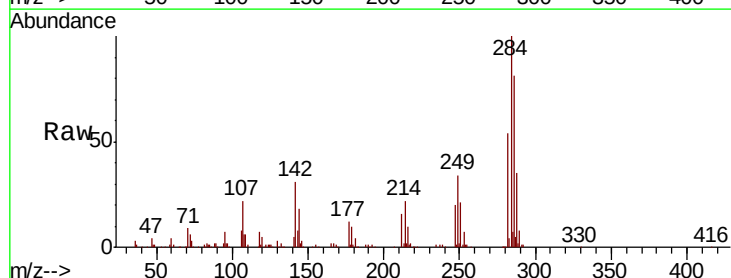


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

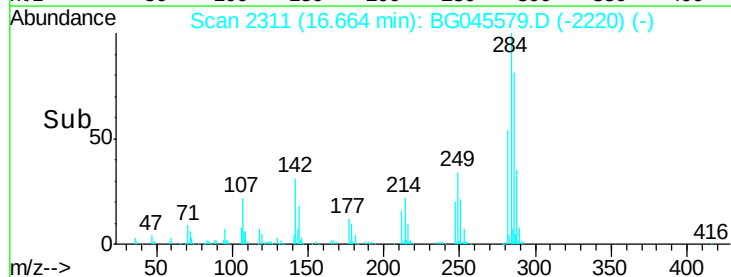
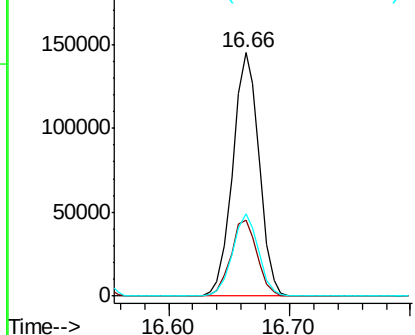


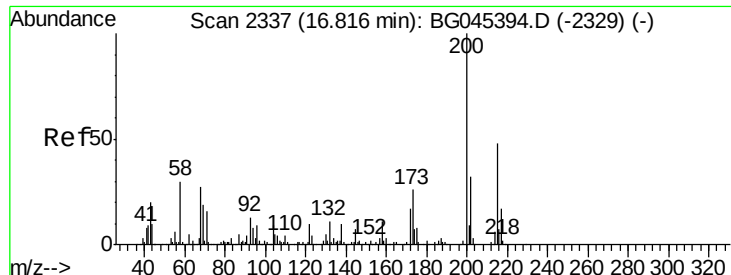
#68
Hexachlorobenzene
Concen: 46.893 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion:284 Resp: 219803
Ion Ratio Lower Upper
284 100
142 31.2 23.0 34.6
249 33.9 25.8 38.6



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





#69

Atrazine

Concen: 46.031 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

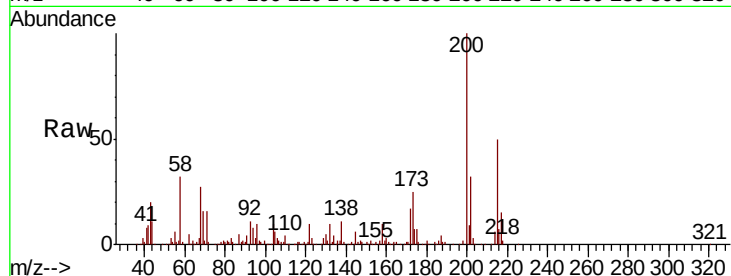
Tot Ion:200 Resp: 188400

Ion Ratio Lower Upper

200 100

173 24.9 5.5 45.5

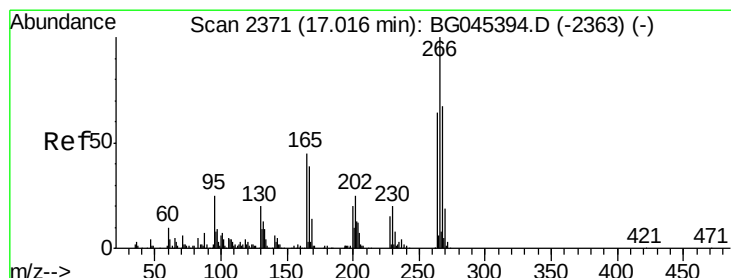
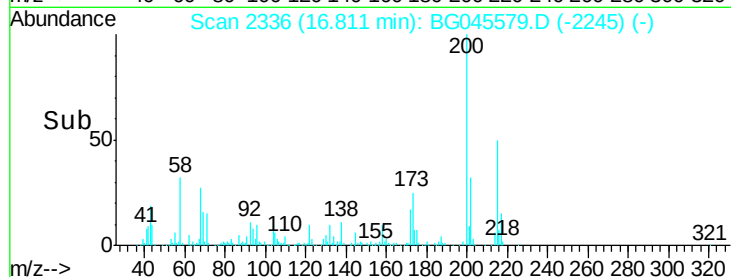
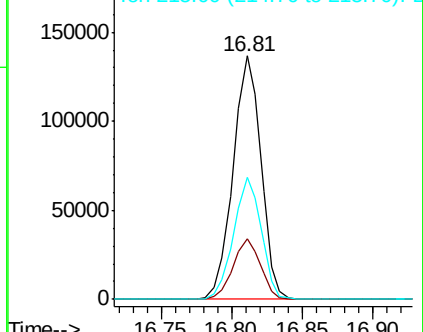
215 50.3 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 95.261 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

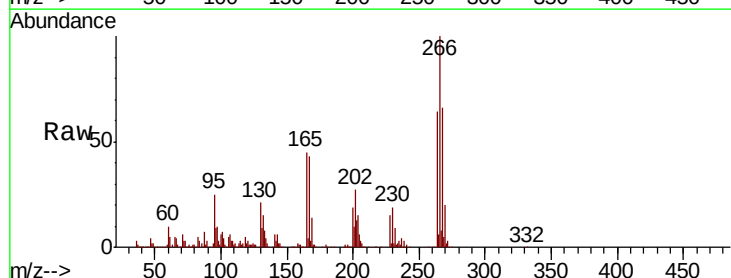
Tgt Ion:266 Resp: 231849

Ion Ratio Lower Upper

266 100

268 66.0 53.2 79.8

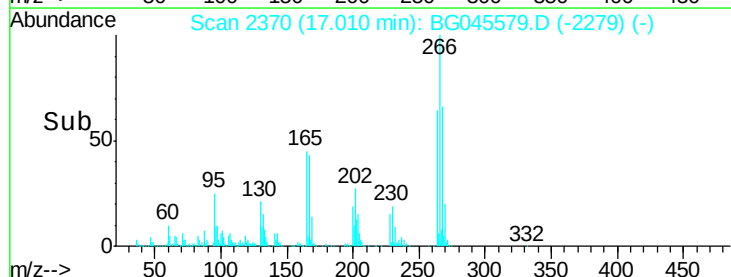
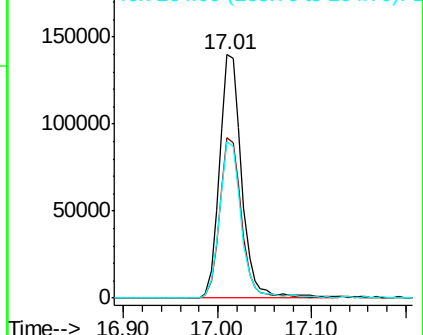
264 64.1 51.0 76.4

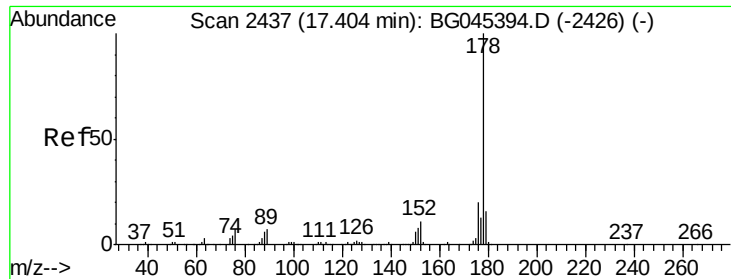


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

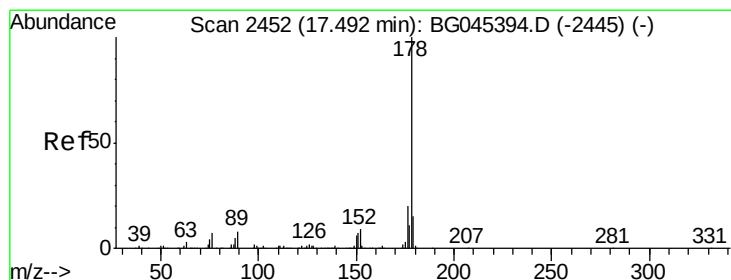
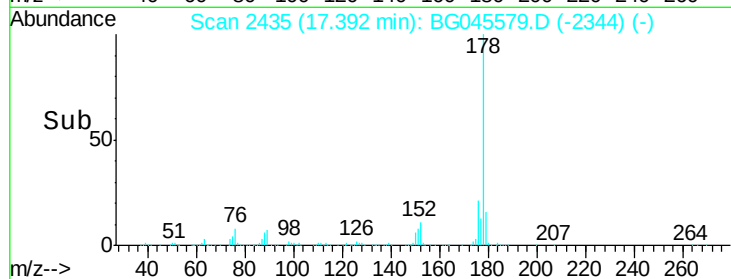
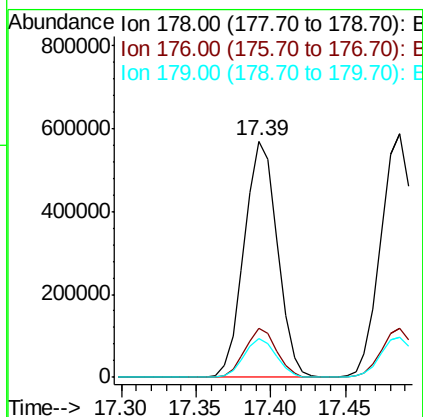
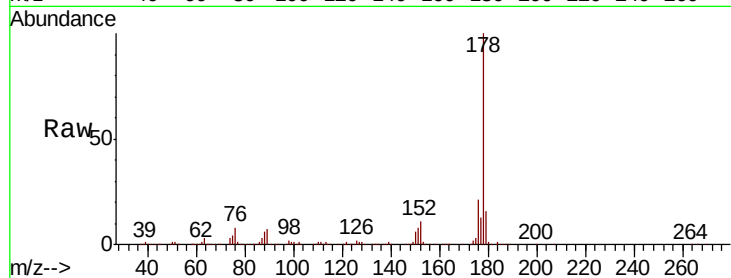




#71
Phenanthrene
Concen: 48.357 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

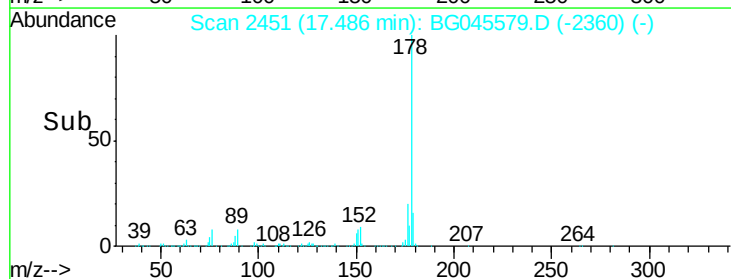
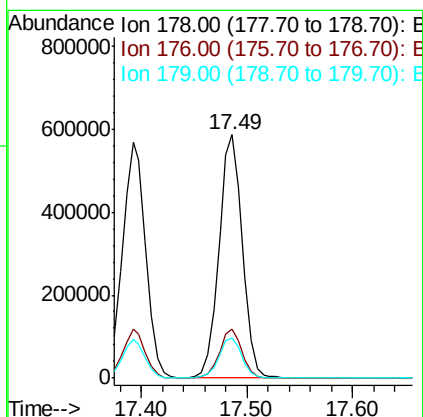
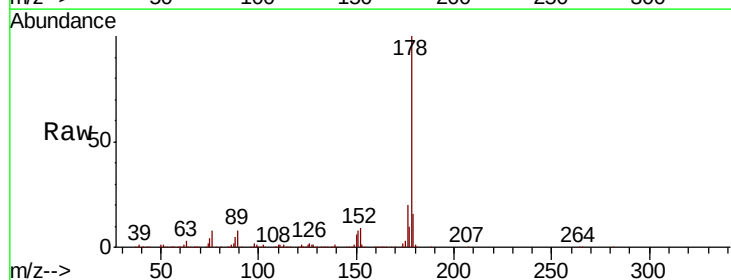
Instrument :
BNA_G
ClientSampleId :

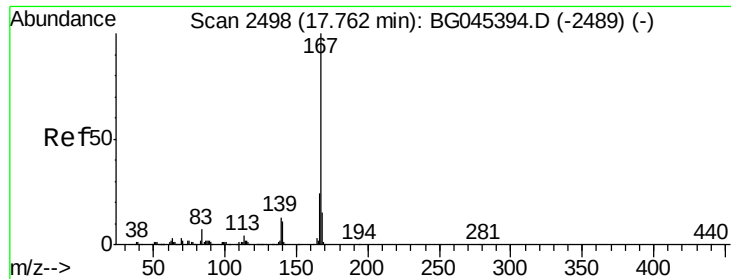
Tot Ion:178 Resp: 873700
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.3 13.1 19.7



#72
Anthracene
Concen: 49.480 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion:178 Resp: 897764
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.4 12.2 18.4

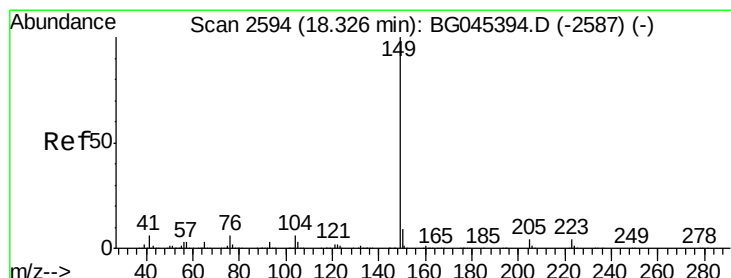
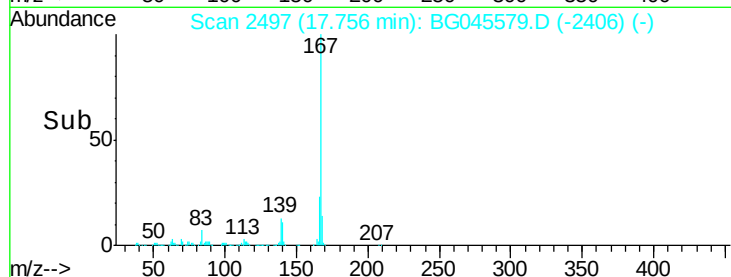
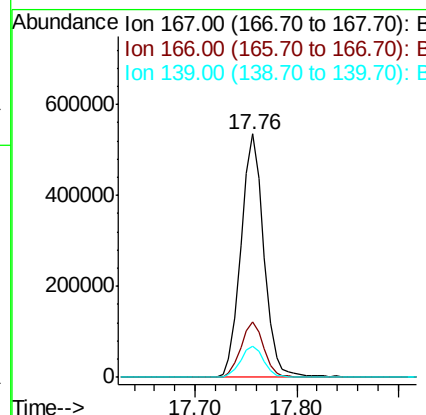
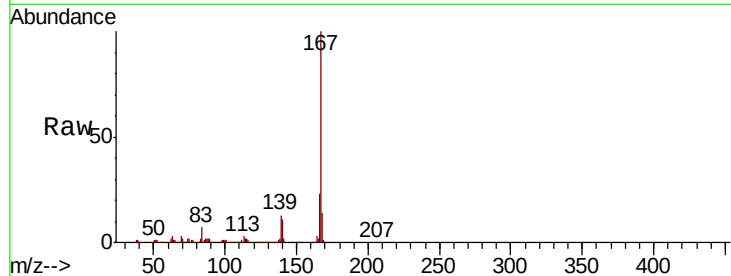




#73
 Carbazole
 Concen: 47.490 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

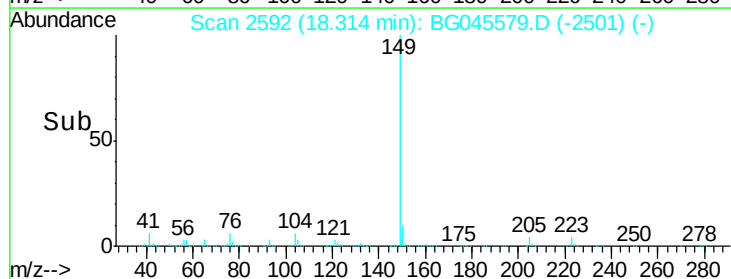
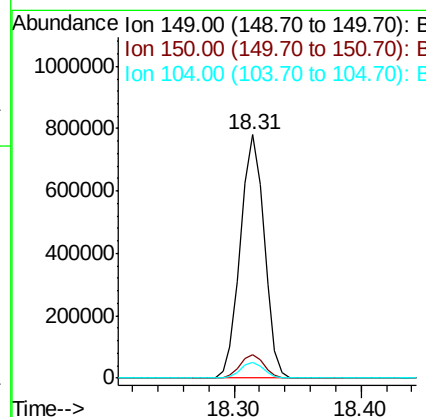
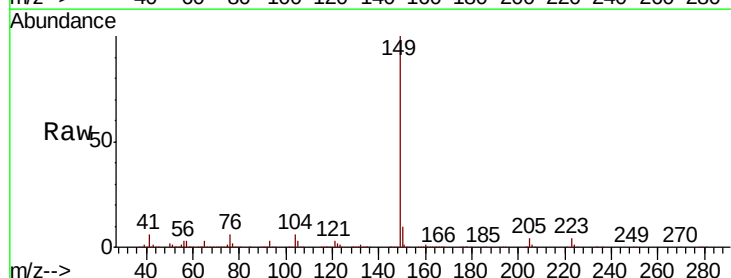
Instrument :
 BNA_G
 ClientSampleId :

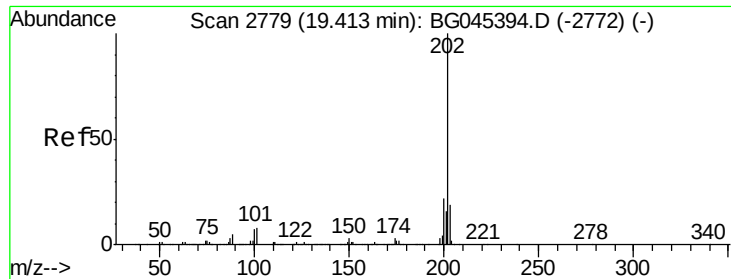
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.2	28.8
139	12.9	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 47.902 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 48.390 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampled :

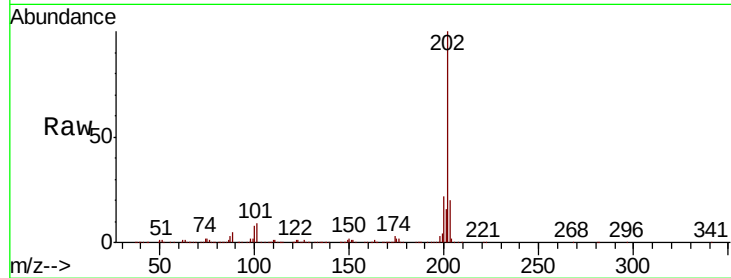
Tot Ion:202 Resp: 1112056

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.3

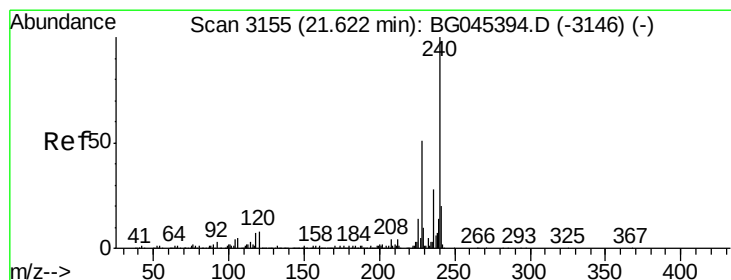
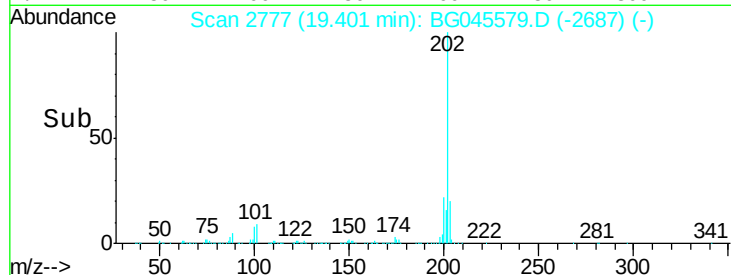
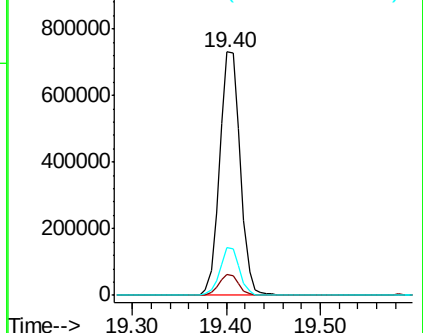
203 19.9 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

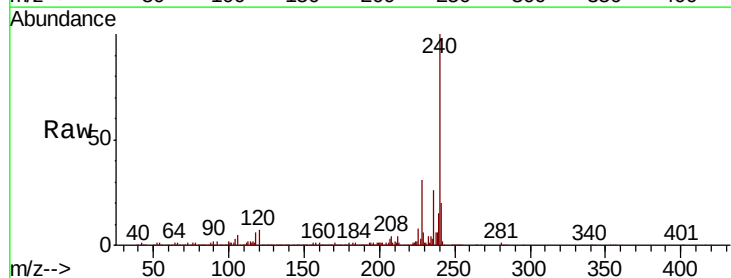
Tgt Ion:240 Resp: 397082

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

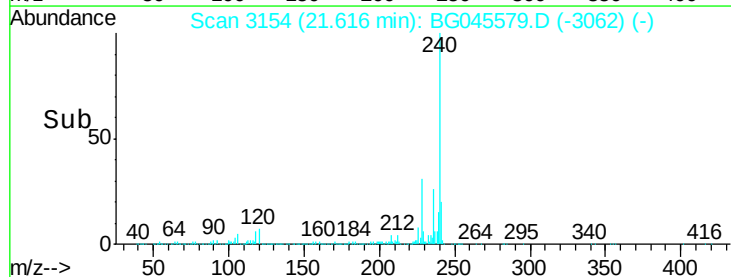
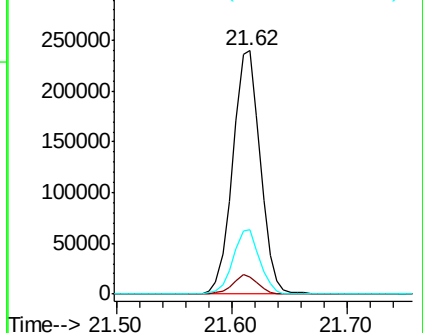
236 26.2 22.3 33.5

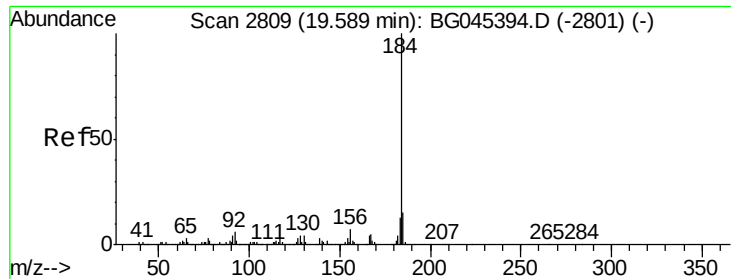


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

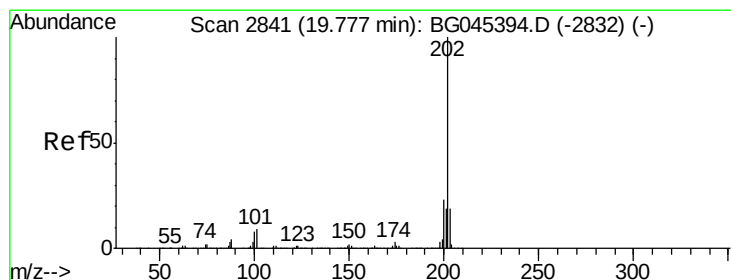
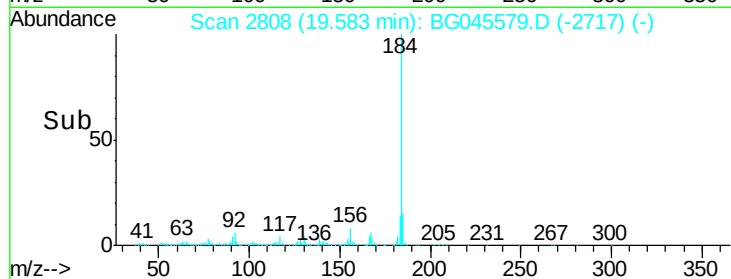
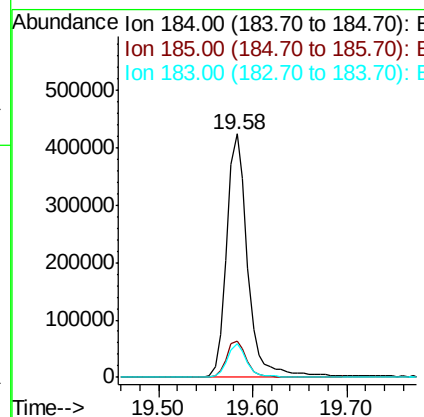
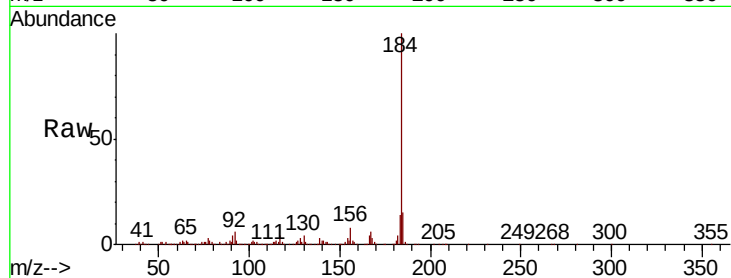




#77
Benzidine
Concen: 59.547 ng
RT: 19.58 min Scan# 2808
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

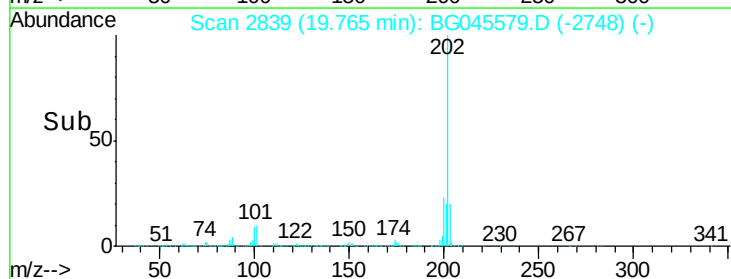
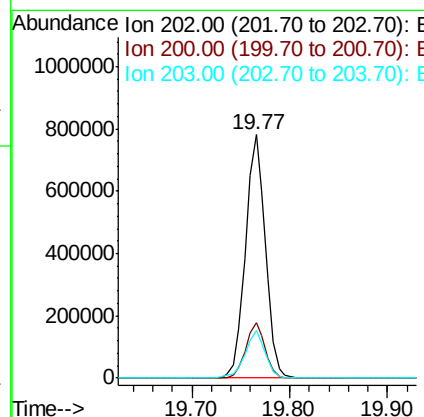
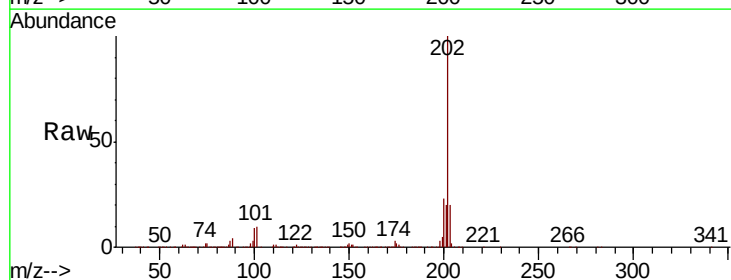
Instrument :
BNA_G
ClientSampled :

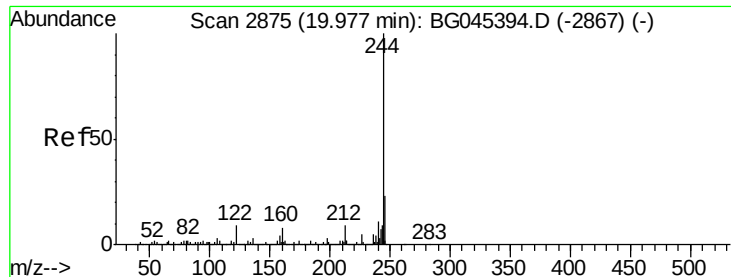
Tot Ion:184 Resp: 664080
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 13.7 10.2 15.4



#78
Pyrene
Concen: 48.555 ng
RT: 19.77 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion:202 Resp: 1099049
Ion Ratio Lower Upper
202 100
200 23.0 18.2 27.2
203 19.7 15.1 22.7





#79

Terphenyl-d14

Concen: 98.306 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

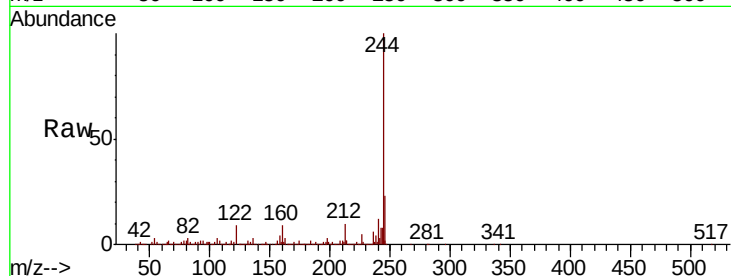
Tot Ion:244 Resp: 1673692

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

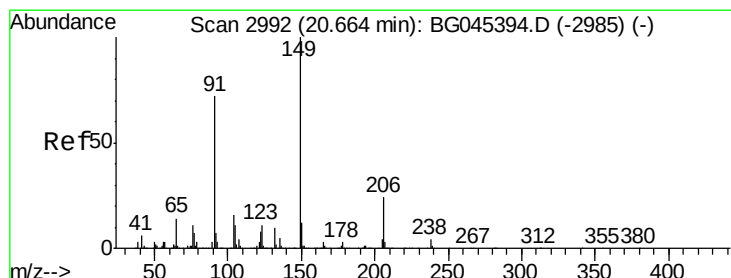
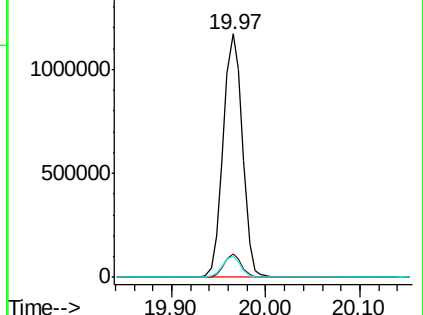
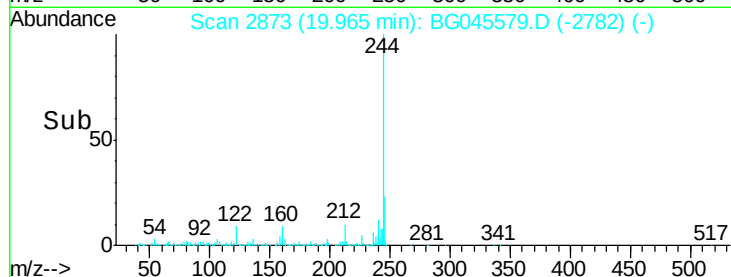
122 8.6 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.939 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

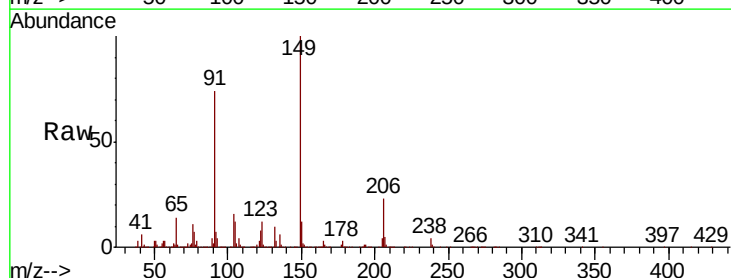
Tgt Ion:149 Resp: 448835

Ion Ratio Lower Upper

149 100

91 74.4 57.8 86.6

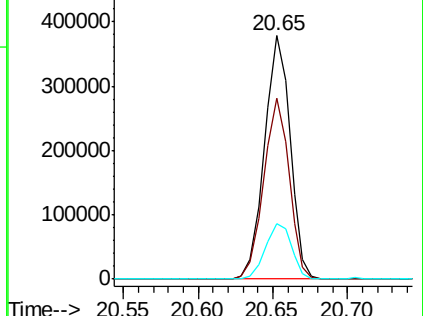
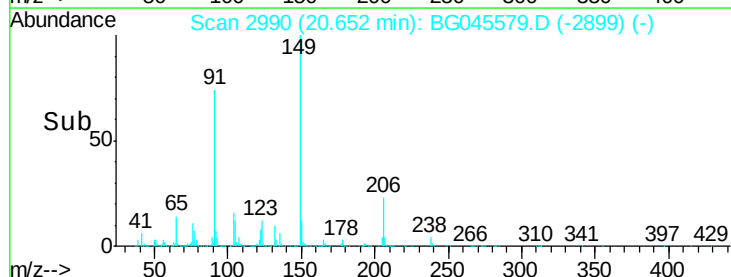
206 23.0 19.1 28.7

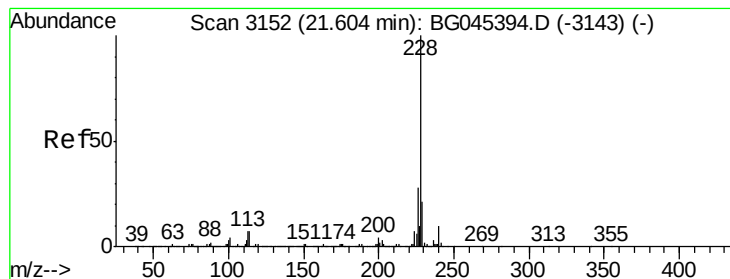


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.560 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

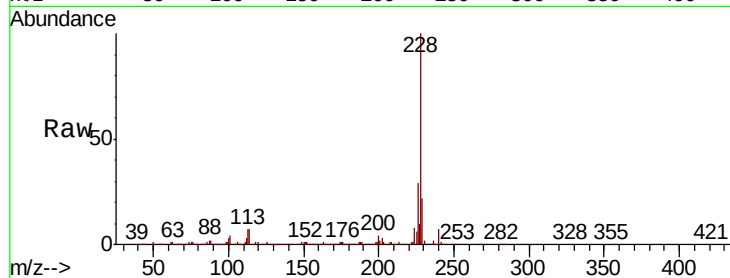
Tot Ion:228 Resp: 1052035

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	22.0	16.7	25.1

228 100

226 29.2 22.7 34.1

229 22.0 16.7 25.1

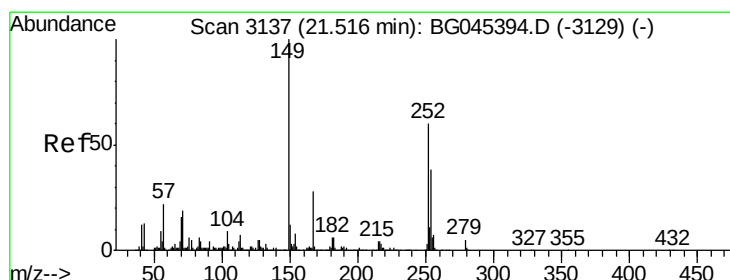
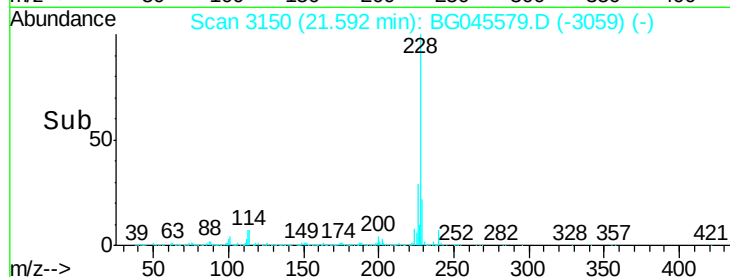
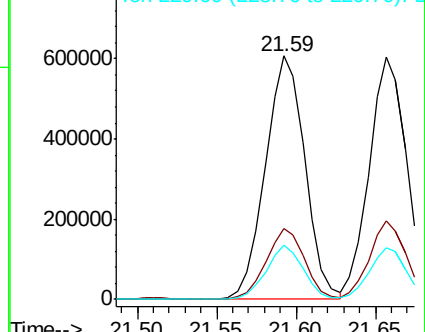


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.546 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

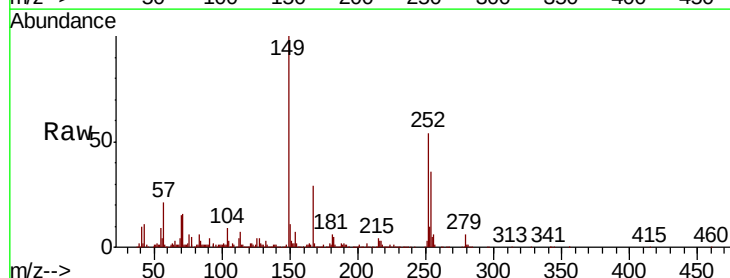
Tgt Ion:252 Resp: 369170

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.3	76.9
126	7.7	6.6	10.0

252 100

254 66.1 51.3 76.9

126 7.7 6.6 10.0

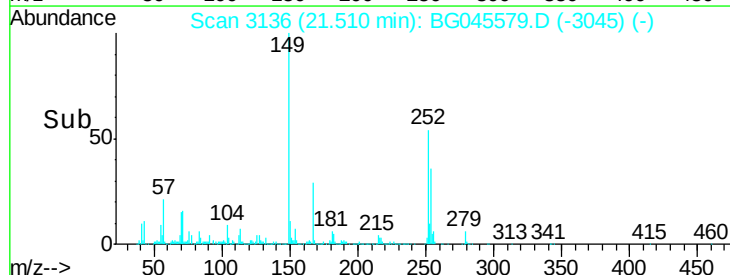
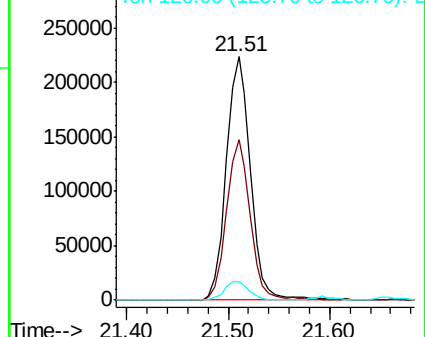


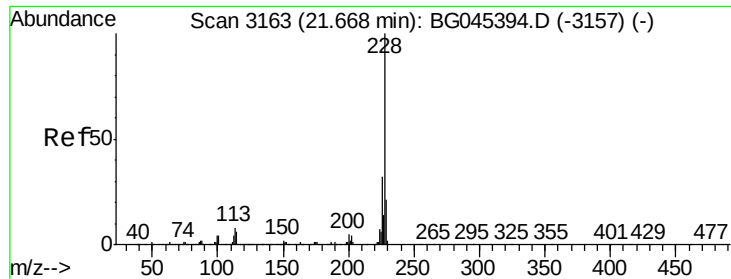
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.602 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

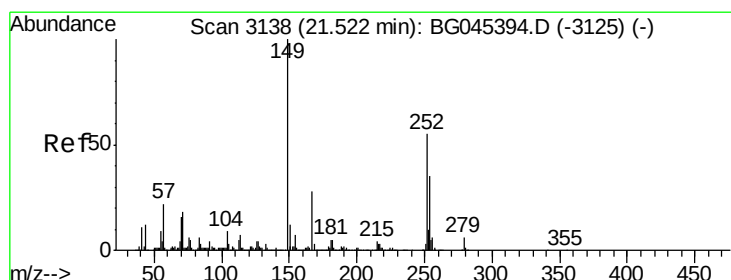
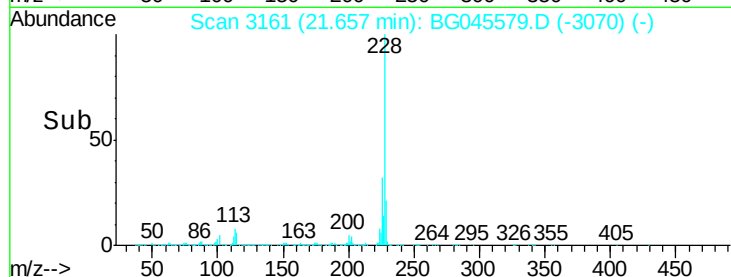
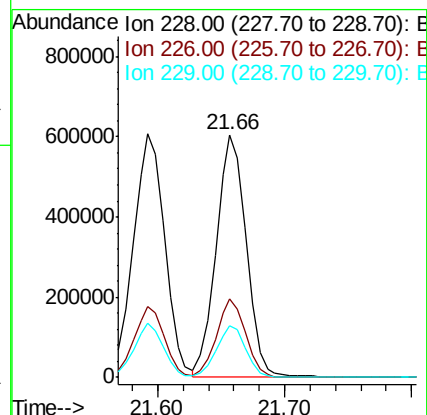
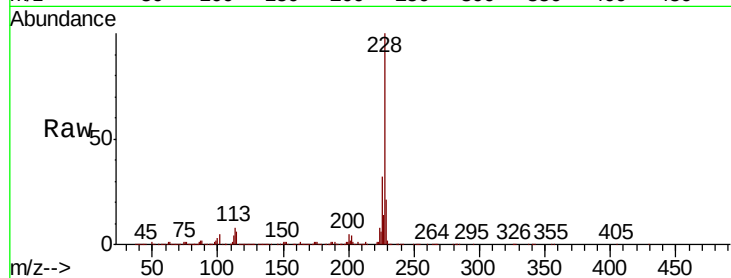
Tot Ion:228 Resp: 991193

Ion Ratio Lower Upper

228 100

226 32.1 25.2 37.8

229 21.2 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.126 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

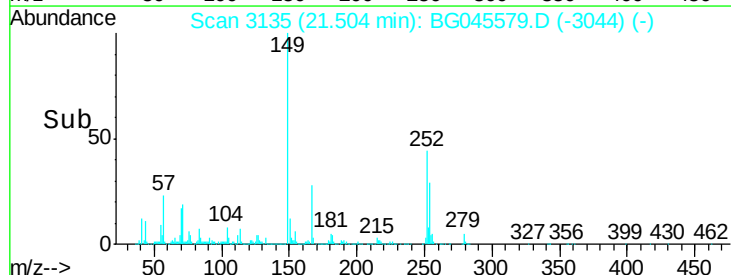
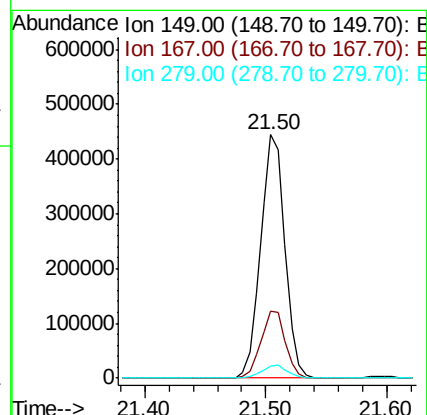
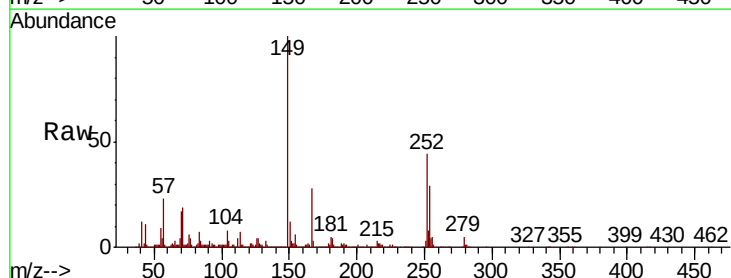
Tgt Ion:149 Resp: 619484

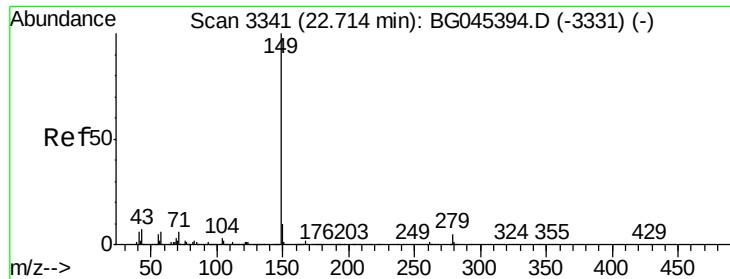
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 5.1 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 45.811 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

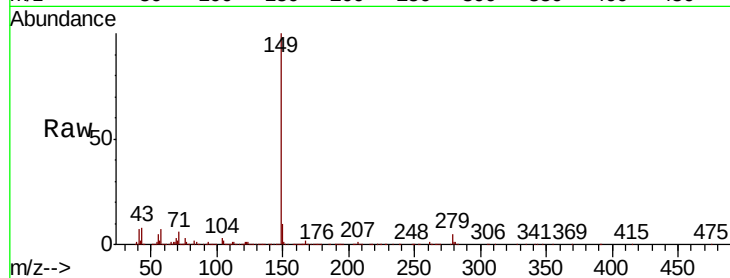
Tot Ion:149 Resp: 1056714

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

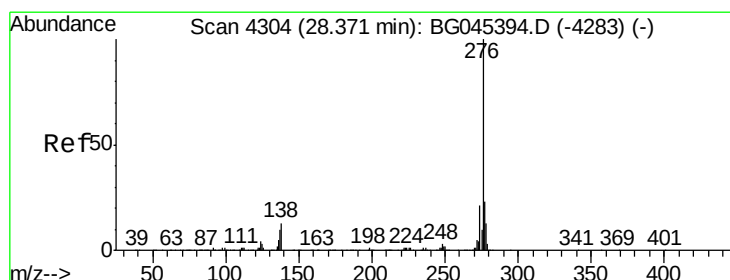
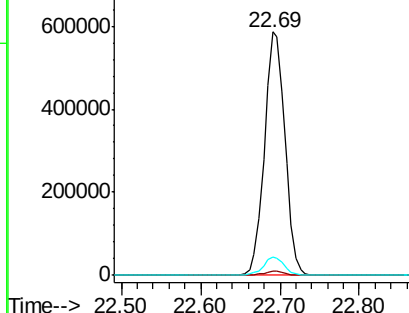
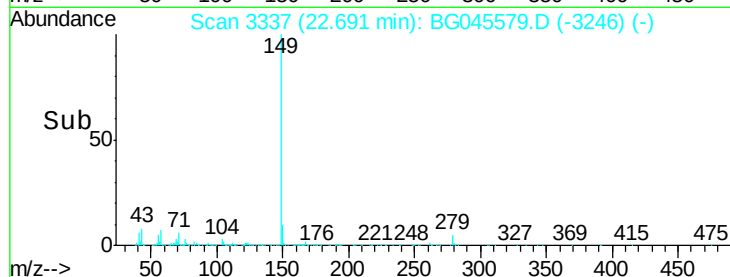
43 7.5 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.286 ng

RT: 28.35 min Scan# 4300

Delta R.T. 0.02 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

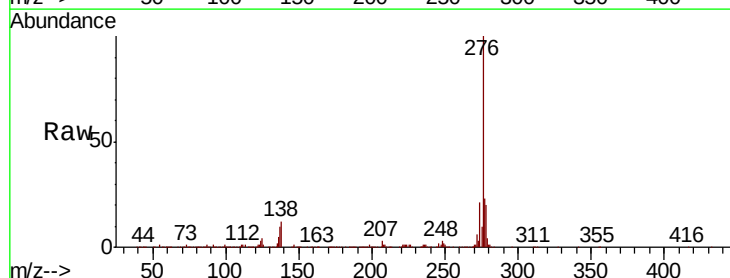
Tgt Ion:276 Resp: 1287365

Ion Ratio Lower Upper

276 100

138 15.0 8.6 12.8#

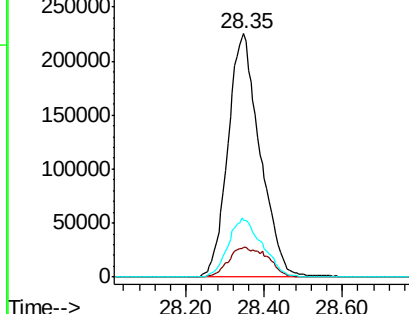
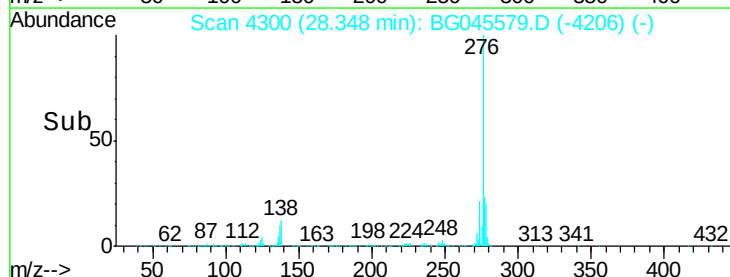
277 25.6 20.2 30.4

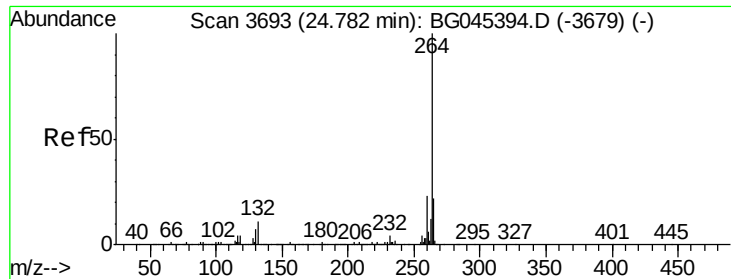


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3690

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

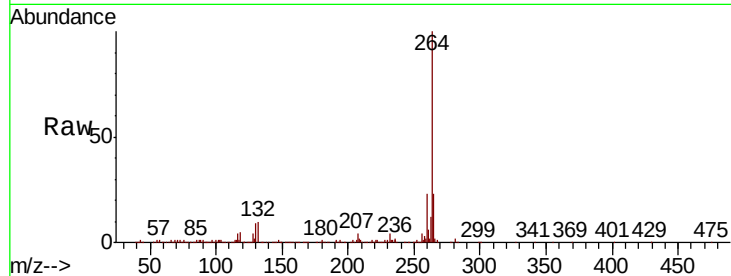
Tot Ion:264 Resp: 427454

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 23.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

200000

150000

100000

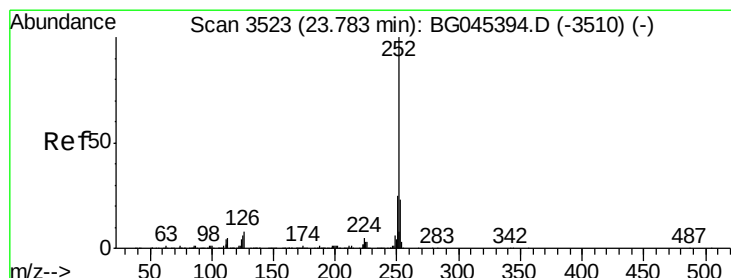
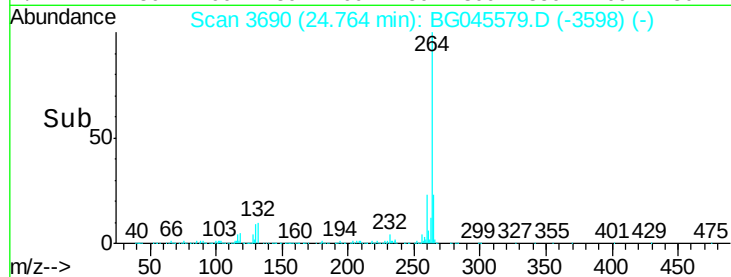
50000

0

24.76

24.60 24.70 24.80 24.90

Time-->



#88

Benzo(b)fluoranthene

Concen: 48.168 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

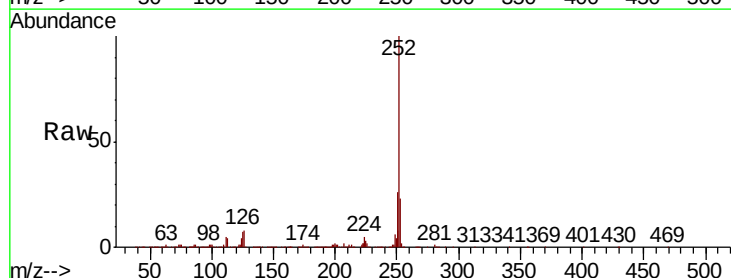
Tgt Ion:252 Resp: 1104249

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 6.9 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

600000

500000

400000

300000

200000

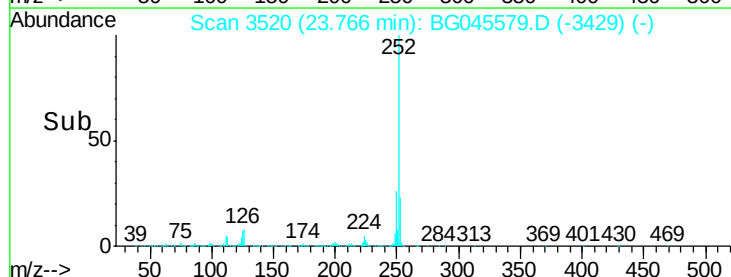
100000

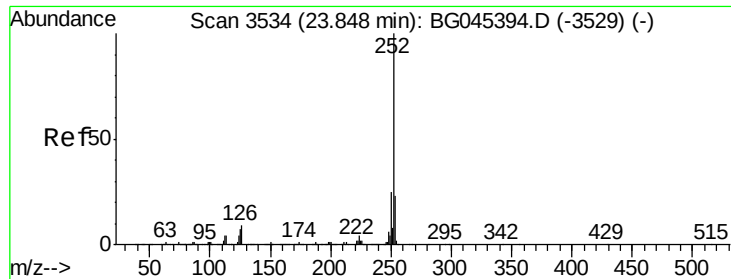
0

23.77

23.70 23.80

Time-->





#89

Benzo(k)fluoranthene

Concen: 49.285 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

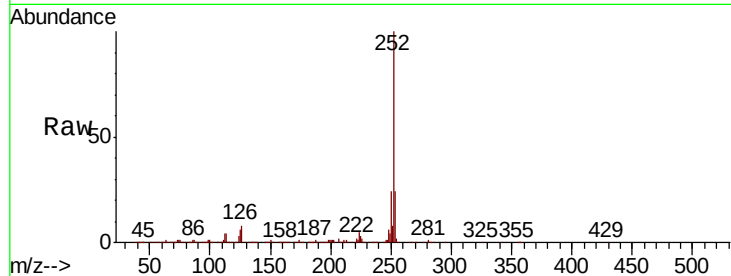
Tot Ion:252 Resp: 1061474

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

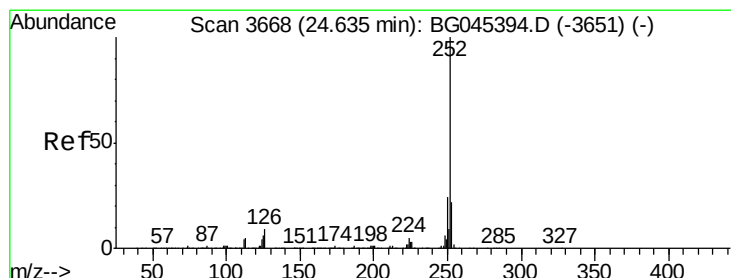
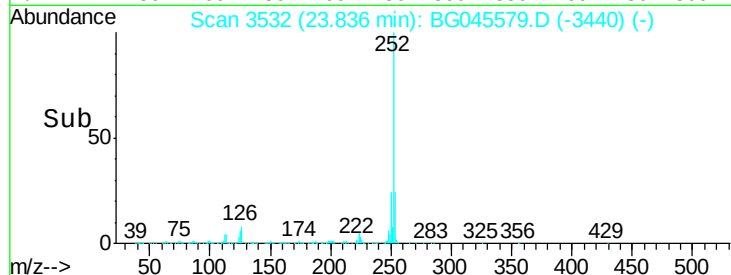
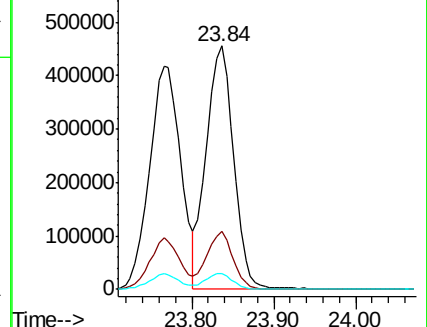
125 6.4 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.792 ng

RT: 24.62 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

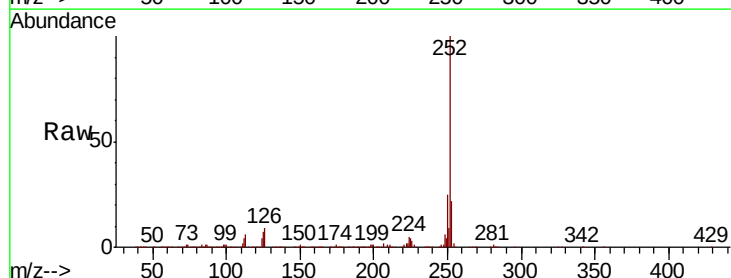
Tgt Ion:252 Resp: 999038

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

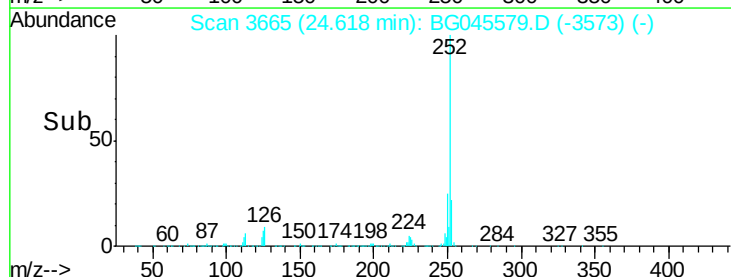
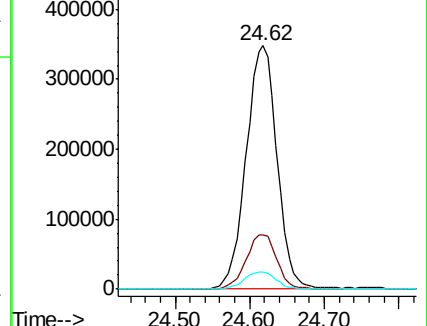
125 7.2 5.0 7.6

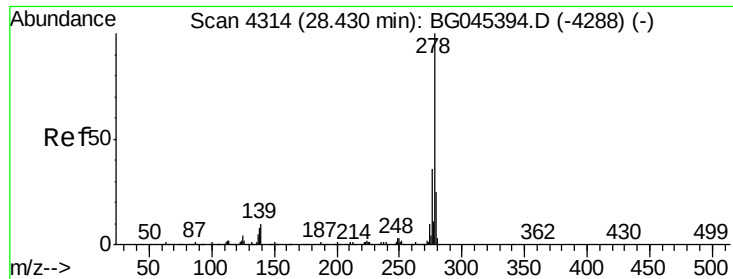


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

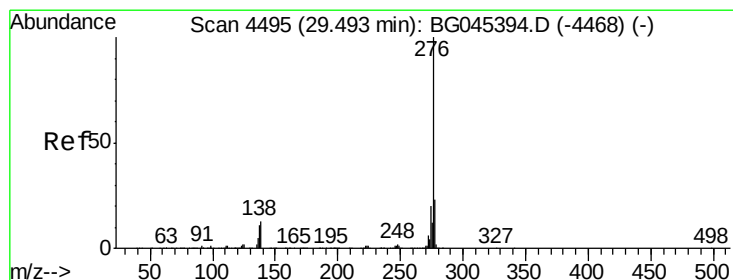
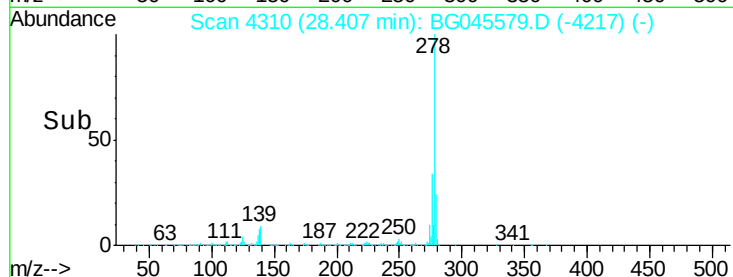
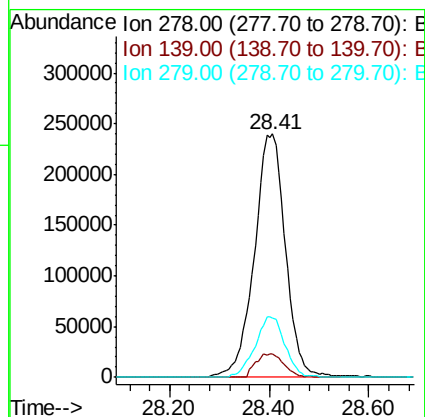
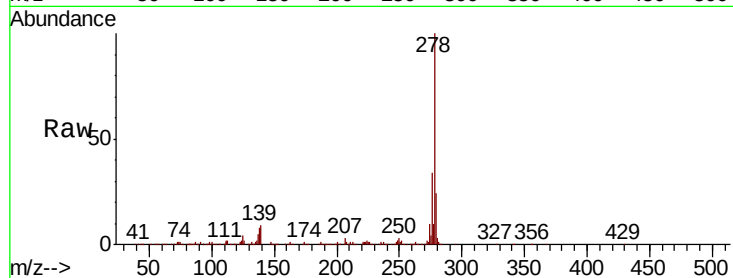




#91
Dibenzo(a,h)anthracene
Concen: 48.383 ng
RT: 28.41 min Scan# 4310
Delta R.T. 0.02 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1038062
Ion Ratio Lower Upper
278 100
139 9.5 7.8 11.8
279 24.2 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 49.372 ng
RT: 29.46 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion:276 Resp: 1059423
Ion Ratio Lower Upper
276 100
277 23.3 18.1 27.1
138 12.8 10.2 15.4

