

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045582.D
 Acq On : 3 Jun 2020 15:39
 Operator : CG/JU
 Sample : PB129255BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 16:42:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57318	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	232236	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	167914	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	413661	20.00	ng	0.00
76) Chrysene-d12	21.61	240	385415	20.00	ng	0.00
87) Perylene-d12	24.76	264	423618	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	576415	196.53	ng	0.00
7) Phenol-d6	7.15	99	801087	191.90	ng	0.00
23) Nitrobenzene-d5	9.11	82	523341	122.89	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	405030	188.61	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1173323	118.52	ng	0.00
79) Terphenyl-d14	19.96	244	2048530	123.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	72272	49.692	ng	96
3) Pyridine	3.80	79	171512	42.342	ng	97
4) n-Nitrosodimethylamine	3.72	42	82947	62.579	ng	100
6) Aniline	7.28	93	287255	52.714	ng	98
8) 2-Chlorophenol	7.53	128	212511	66.073	ng	98
9) Benzaldehyde	7.08	77	131203	48.241	ng	95
10) Phenol	7.18	94	280766	65.259	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	195038	58.119	ng	98
12) 1,3-Dichlorobenzene	7.85	146	228075	59.009	ng	98
13) 1,4-Dichlorobenzene	7.99	146	228553	59.920	ng	98
14) 1,2-Dichlorobenzene	8.31	146	215188	58.656	ng	96
15) Benzyl Alcohol	8.20	79	224147	64.999	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	187143	58.750	ng	99
17) 2-Methylphenol	8.42	107	189079	58.716	ng	97
18) Hexachloroethane	9.04	117	87811	60.109	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	178847	61.956	ng	98
20) 3+4-Methylphenols	8.75	107	263364	60.058	ng	93
22) Acetophenone	8.77	105	323881	58.842	ng	# 97
24) Nitrobenzene	9.16	77	270392	59.260	ng	95
25) Isophorone	9.68	82	496705	59.223	ng	98
26) 2-Nitrophenol	9.87	139	123356	63.198	ng	93
27) 2,4-Dimethylphenol	9.95	122	204467	70.628	ng	94
28) bis(2-Chloroethoxy)methane	10.17	93	269514	61.274	ng	99
29) 2,4-Dichlorophenol	10.42	162	224901	65.787	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	242742	60.091	ng	97
31) Naphthalene	10.81	128	653865	60.420	ng	99
32) Benzoic acid	10.14	122	125078	60.284	ng	89
33) 4-Chloroaniline	10.92	127	158788	35.102	ng	98
34) Hexachlorobutadiene	11.10	225	168502	59.011	ng	97
35) Caprolactam	11.71	113	40796	32.512	ng	95
36) 4-Chloro-3-methylphenol	12.08	107	259999	67.494	ng	91
37) 2-Methylnaphthalene	12.42	142	495900	61.480	ng	99
38) 1-Methylnaphthalene	12.64	142	472507	62.013	ng	# 93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	281028	59.920	ng	98

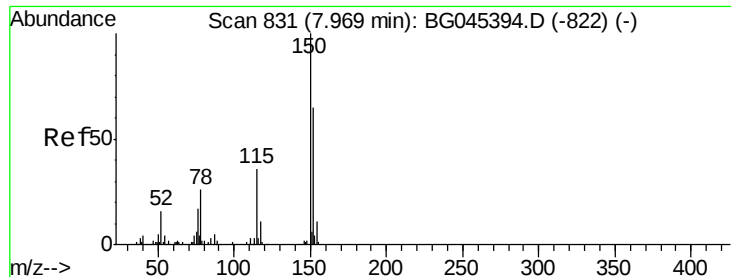
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045582.D
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 Operator : CG/JU
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	360148	133.041	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	199466	61.223	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	212413	57.053	ng	99
46) 1,1'-Biphenyl	13.43	154	643866	62.405	ng	99
47) 2-Chloronaphthalene	13.47	162	492242	58.752	ng	100
48) 2-Nitroaniline	13.68	65	164064	59.530	ng	87
49) Acenaphthylene	14.32	152	820354	60.959	ng	99
50) Dimethylphthalate	14.05	163	693147	60.175	ng	99
51) 2,6-Dinitrotoluene	14.17	165	154608	59.483	ng	98
52) Acenaphthene	14.67	154	487098	54.073	ng	98
53) 3-Nitroaniline	14.51	138	109832	41.568	ng	99
54) 2,4-Dinitrophenol	14.72	184	181293	104.670	ng	97
55) Dibenzofuran	15.00	168	794759	59.411	ng	97
56) 4-Nitrophenol	14.86	139	247133	123.541	ng	92
57) 2,4-Dinitrotoluene	14.97	165	228138	60.605	ng	98
58) Fluorene	15.65	166	663582	60.380	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	202497	61.822	ng	99
60) Diethylphthalate	15.42	149	712191	59.403	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	370183	58.862	ng	100
62) 4-Nitroaniline	15.68	138	161864	58.681	ng	99
63) Azobenzene	15.93	77	679297	60.764	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	147485	61.219	ng	94
66) n-Nitrosodiphenylamine	15.86	169	600563	60.468	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	259419	57.915	ng	99
68) Hexachlorobenzene	16.66	284	282085	60.211	ng	97
69) Atrazine	16.81	200	242452	59.267	ng	99
70) Pentachlorophenol	17.01	266	306295	125.912	ng	99
71) Phenanthrene	17.39	178	1100582	60.945	ng	99
72) Anthracene	17.49	178	1132984	62.475	ng	98
73) Carbazole	17.76	167	1038906	58.771	ng	99
74) Di-n-butylphthalate	18.31	149	1262404	59.499	ng	98
75) Fluoranthene	19.40	202	1379476	60.057	ng	99
77) Benzidine	19.58	184	681933	62.999	ng	100
78) Pyrene	19.76	202	1361480	61.969	ng	99
80) Butylbenzylphthalate	20.65	149	567337	59.826	ng	100
81) Benzo(a)anthracene	21.59	228	1305513	60.806	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	388183	46.092	ng	99
83) Chrysene	21.66	228	1260651	61.065	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	784645	60.192	ng	99
85) Di-n-octyl phthalate	22.69	149	1326262	59.237	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1633468	60.507	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1403499	61.776	ng	99
89) Benzo(k)fluoranthene	23.84	252	1331344	62.375	ng	99
90) Benzo(a)pyrene	24.62	252	1279990	60.494	ng	98
91) Dibenzo(a,h)anthracene	28.41	278	1330495	62.574	ng	98
92) Benzo(g,h,i)perylene	29.46	276	1360300	63.968	ng	97

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

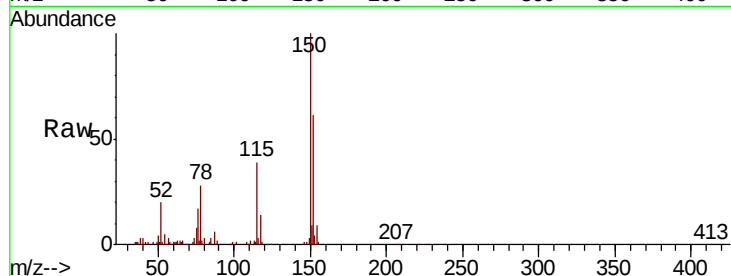


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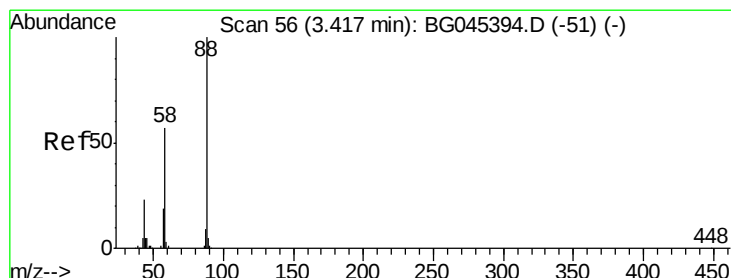
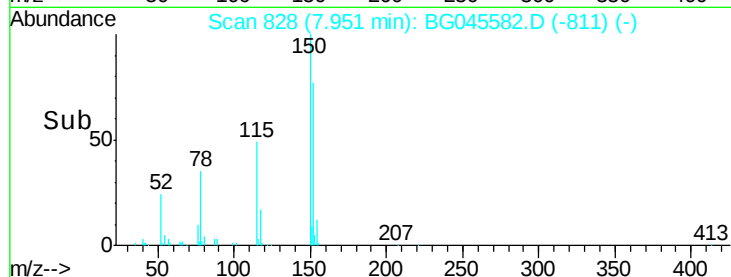
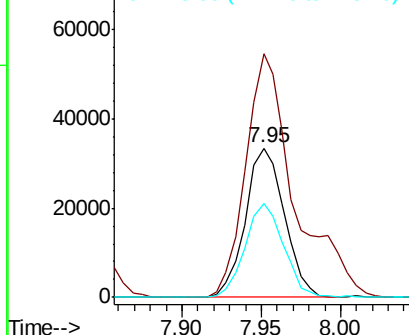
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57318
Ion Ratio Lower Upper
152 100
150 163.3 122.4 183.6
115 63.2 44.2 66.4



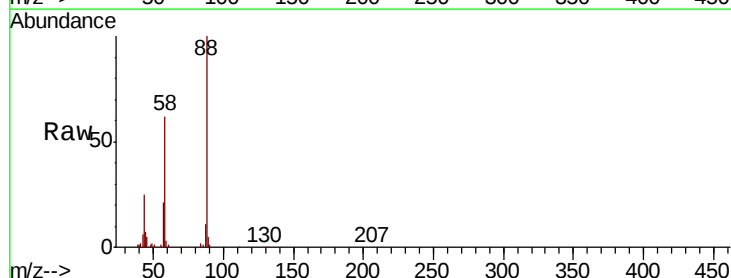
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



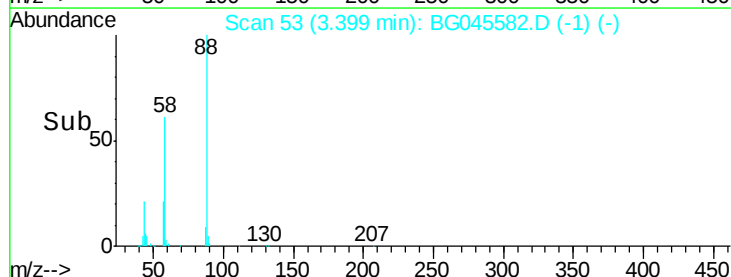
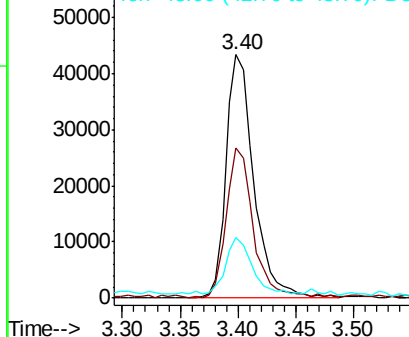
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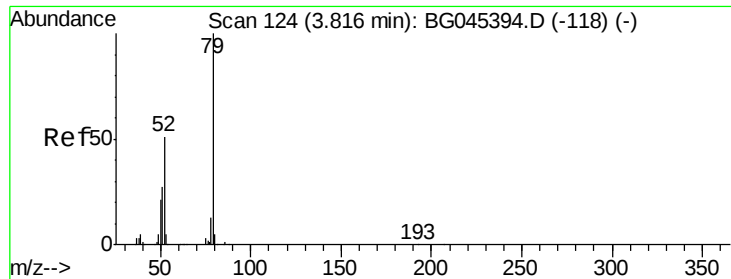
1,4-Dioxane
Concen: 49.692 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion: 88 Resp: 72272
Ion Ratio Lower Upper
88 100
58 59.7 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: 42.342 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

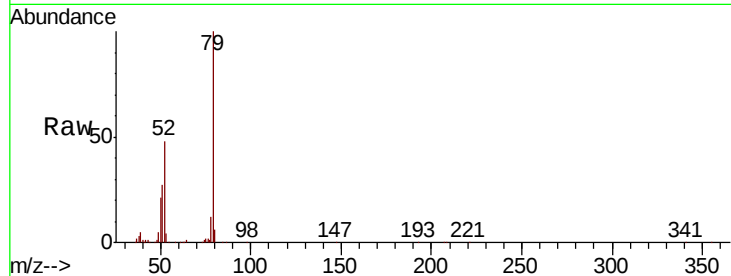
Tot Ion: 79 Resp: 171512

Ion Ratio Lower Upper

79 100

52 48.0 40.8 61.2

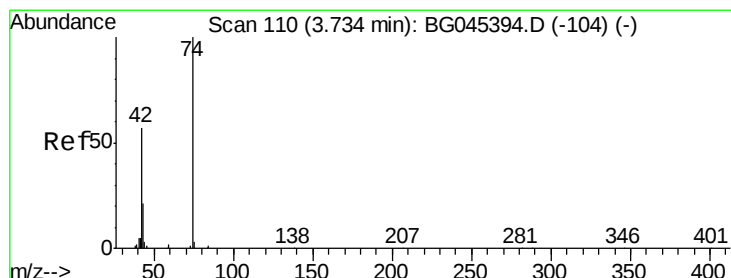
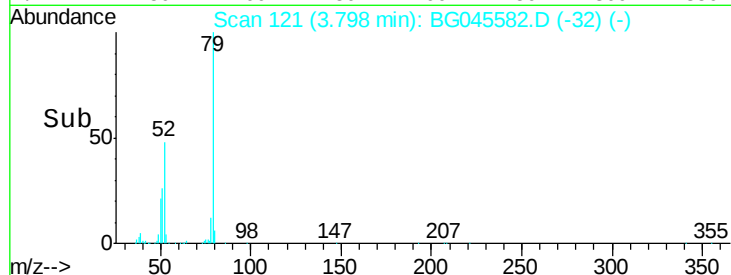
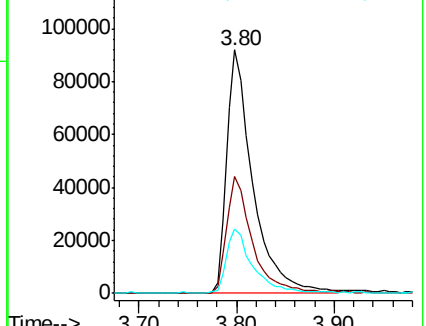
51 26.5 21.9 32.9



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: 62.579 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

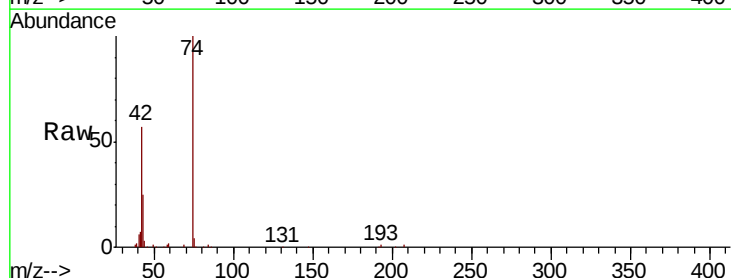
Tgt Ion: 42 Resp: 82947

Ion Ratio Lower Upper

42 100

74 176.7 141.3 211.9

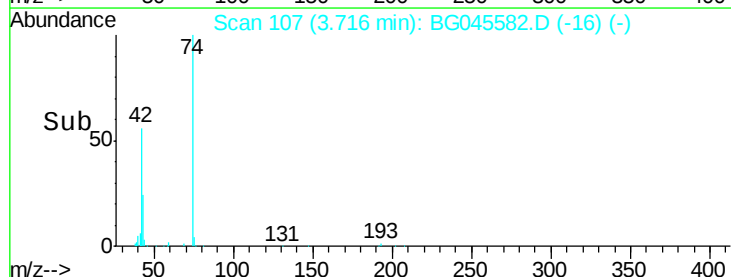
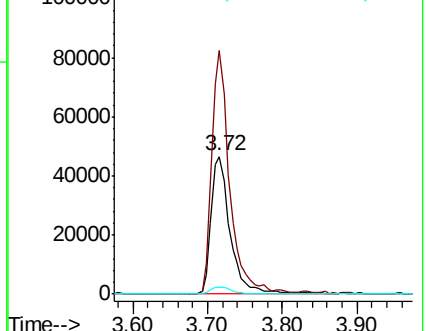
44 4.8 4.2 6.4

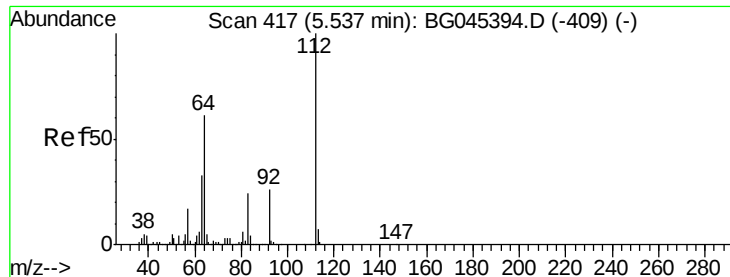


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 196.533 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

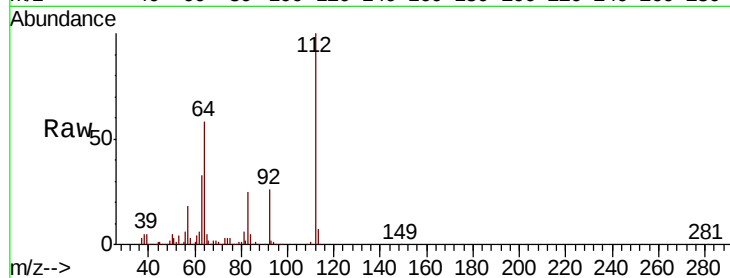
Tot Ion:112 Resp: 576415

Ion Ratio Lower Upper

112 100

64 58.3 48.6 72.8

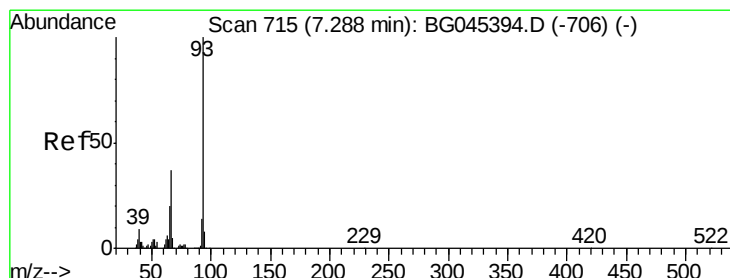
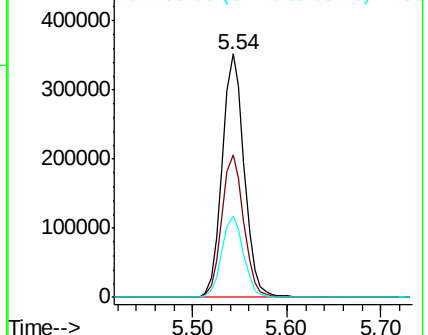
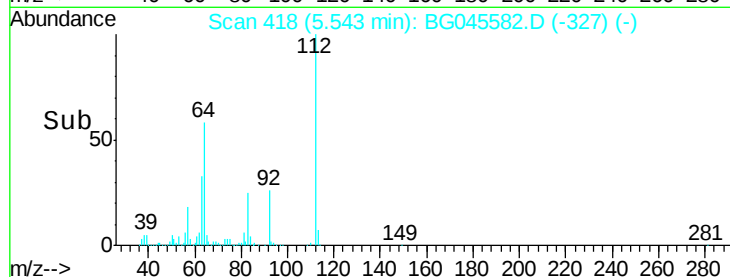
63 33.3 26.5 39.7



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: 52.714 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

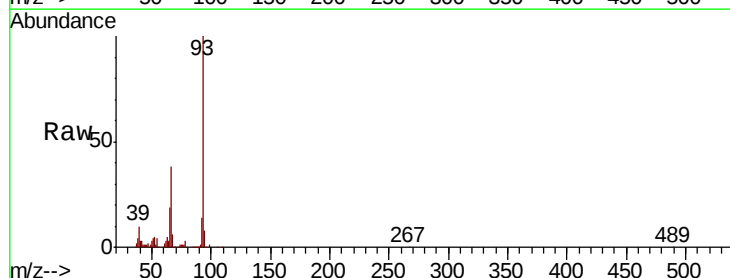
Tgt Ion: 93 Resp: 287255

Ion Ratio Lower Upper

93 100

66 38.4 29.6 44.4

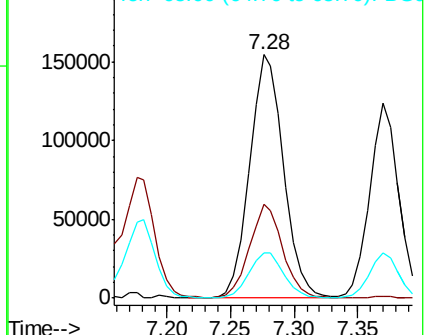
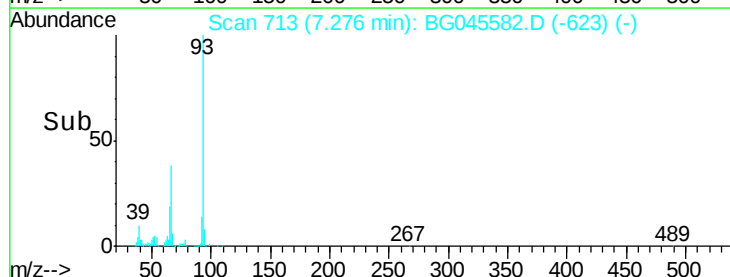
65 18.7 15.9 23.9



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: 191.903 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampled :

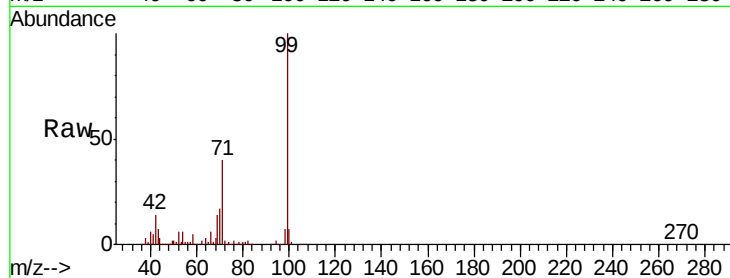
Tot Ion: 99 Resp: 801087

Ion Ratio Lower Upper

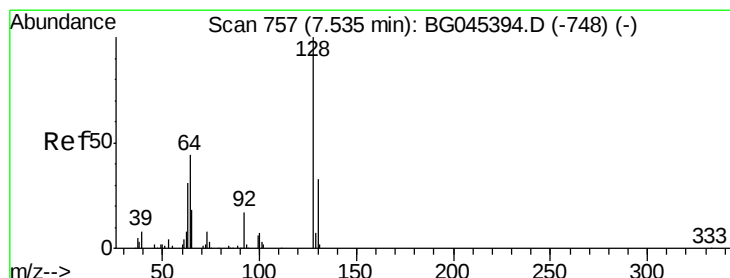
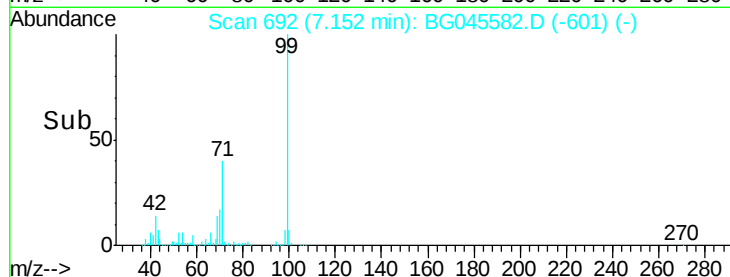
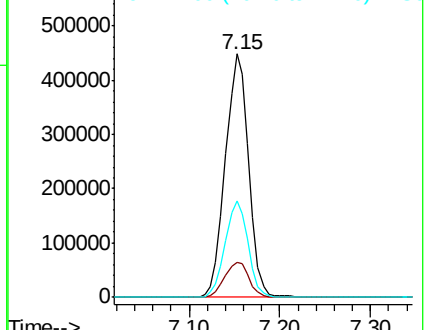
99 100

42 14.4 11.3 16.9

71 39.8 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: 66.073 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

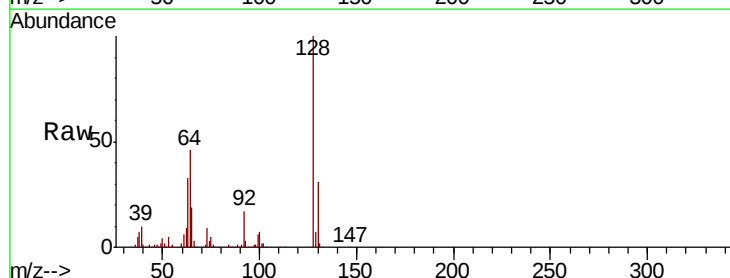
Tgt Ion:128 Resp: 212511

Ion Ratio Lower Upper

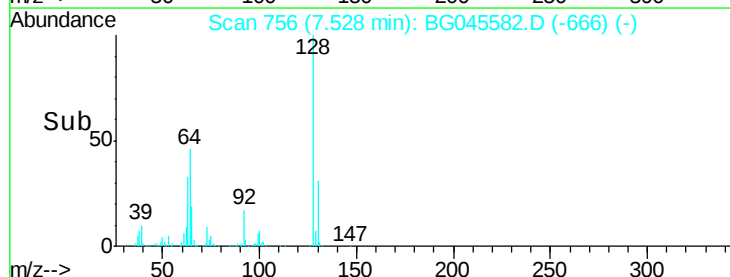
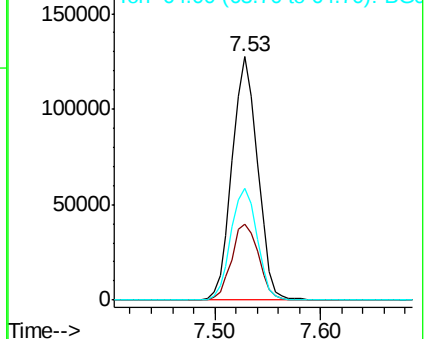
128 100

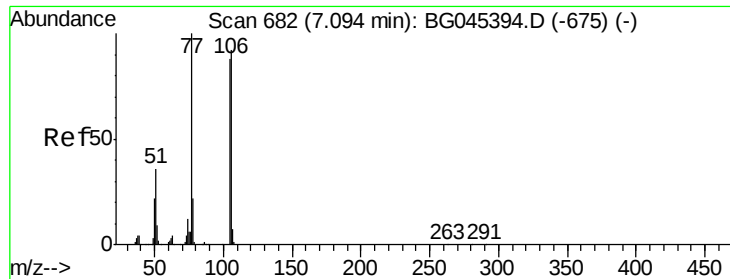
130 31.1 12.6 52.6

64 46.1 27.0 67.0



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





#9

Benzaldehyde

Concen: 48.241 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

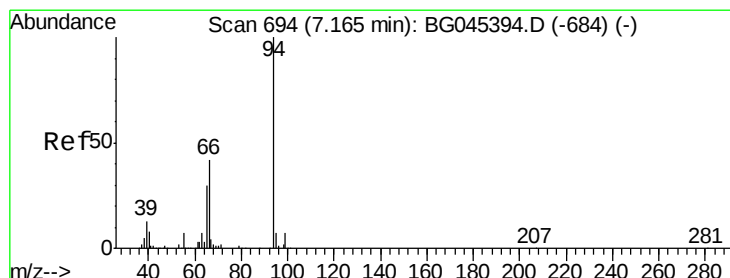
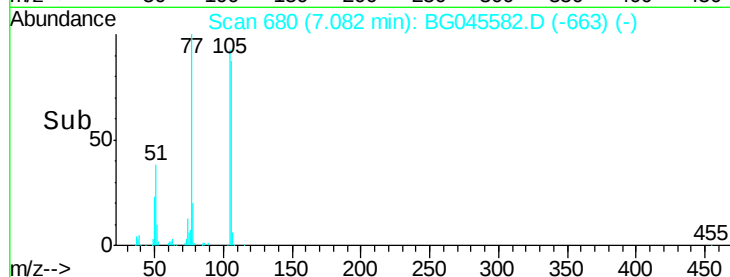
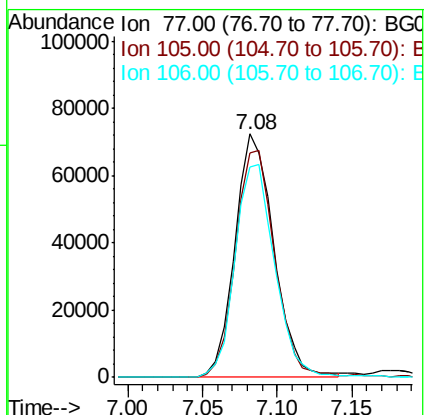
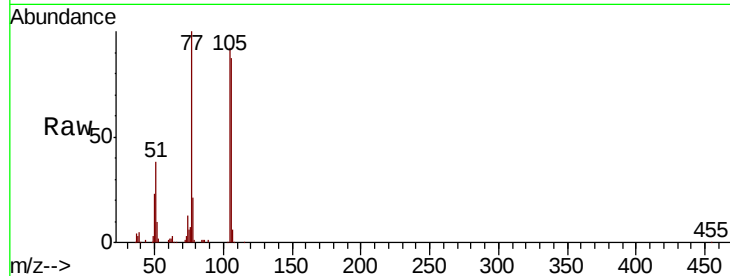
Tot Ion: 77 Resp: 131203

Ion Ratio Lower Upper

77 100

105 92.3 68.5 108.5

106 86.6 71.6 111.6



#10

Phenol

Concen: 65.259 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

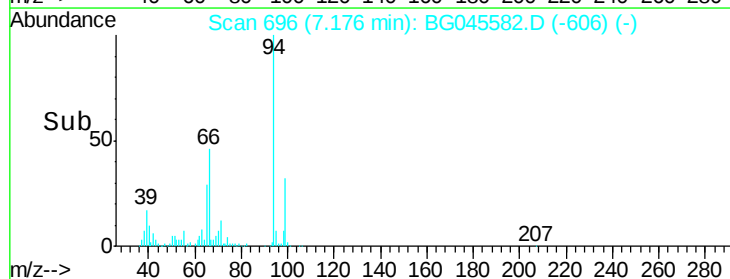
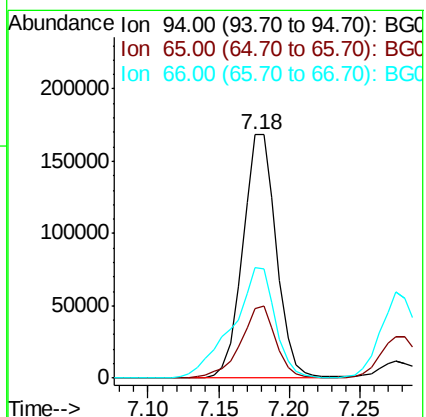
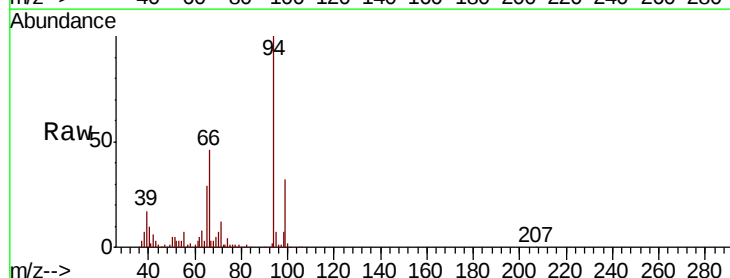
Tgt Ion: 94 Resp: 280766

Ion Ratio Lower Upper

94 100

65 28.6 9.8 49.8

66 45.5 22.0 62.0

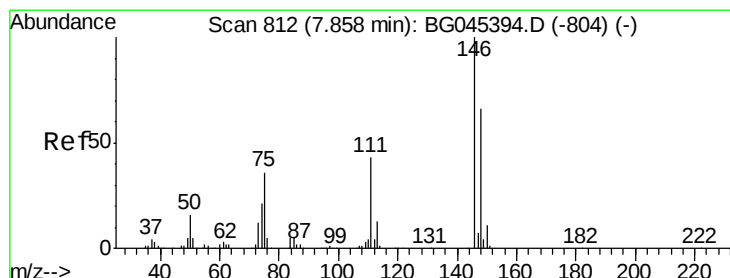
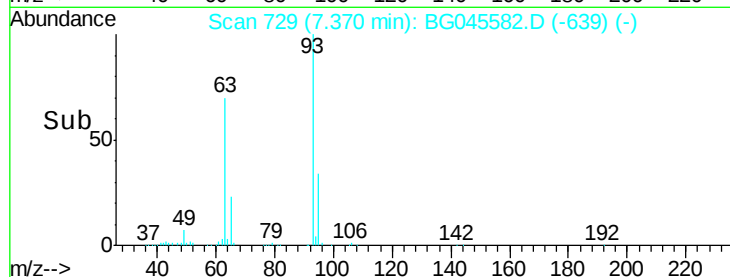
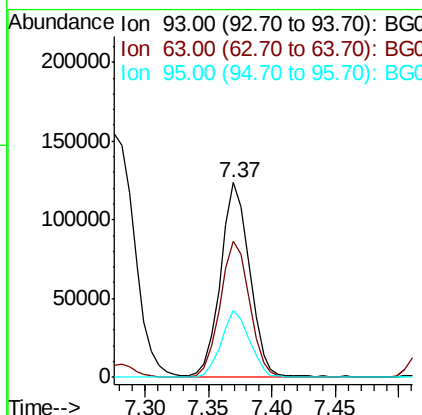
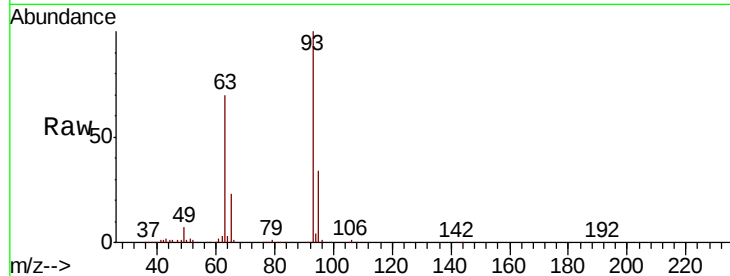




#11
bis(2-Chloroethyl)ether
Concen: 58.119 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

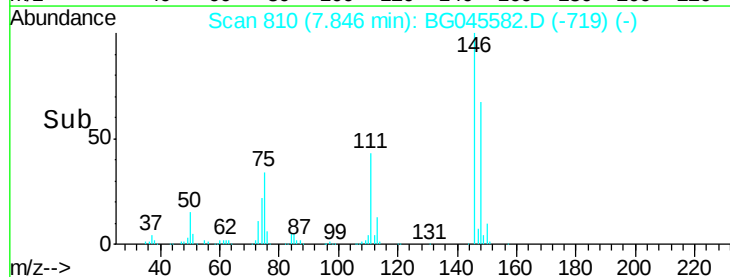
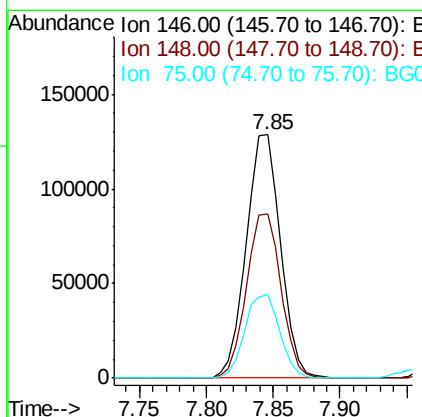
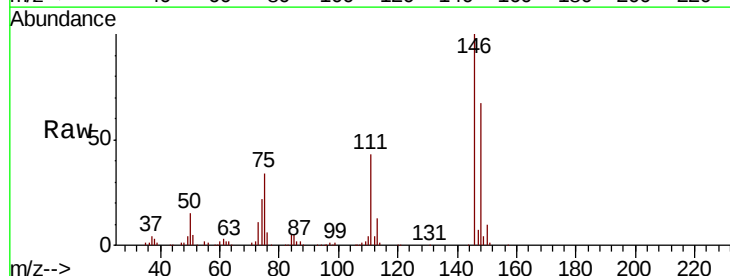
Instrument :
BNA_G
ClientSampled :

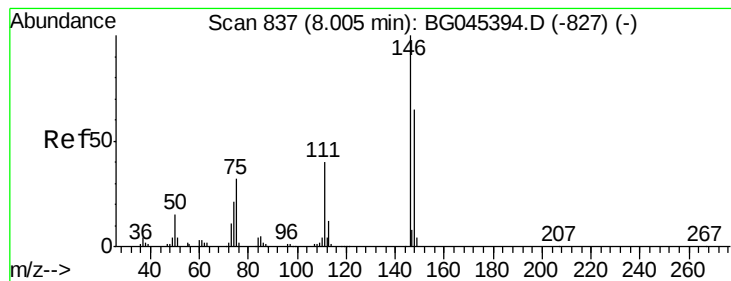
Tot Ion	93.00	Resp	195038
Ion Ratio	100	Lower	Upper
93	100		
63	69.9	48.4	88.4
95	34.3	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 59.009 ng
RT: 7.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	146	Resp	228075
Ion Ratio	100	Lower	Upper
146	100		
148	67.3	53.2	79.8
75	34.3	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 59.920 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

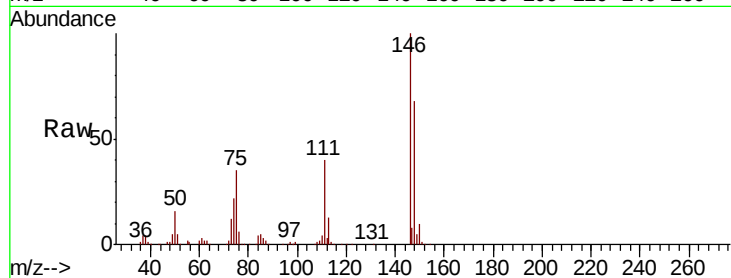
Tot Ion:146 Resp: 228553

Ion Ratio Lower Upper

146 100

148 67.8 51.8 77.8

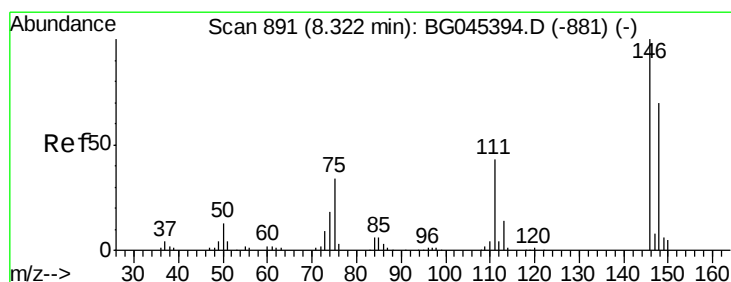
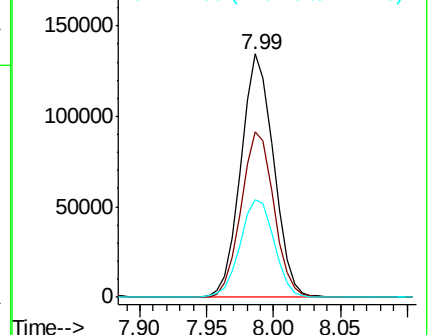
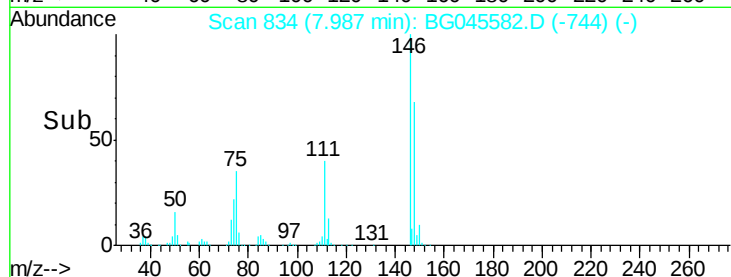
111 40.0 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 58.656 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

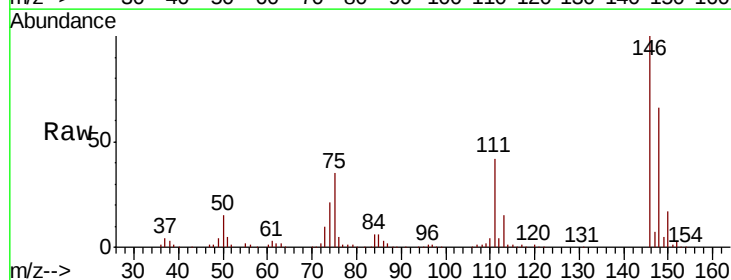
Tgt Ion:146 Resp: 215188

Ion Ratio Lower Upper

146 100

148 65.9 55.9 83.9

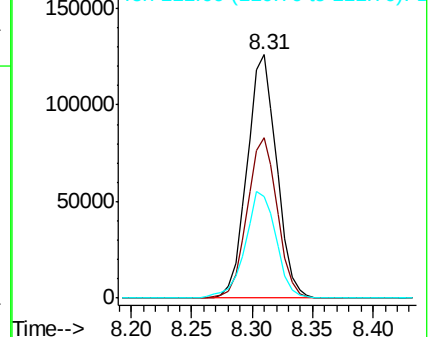
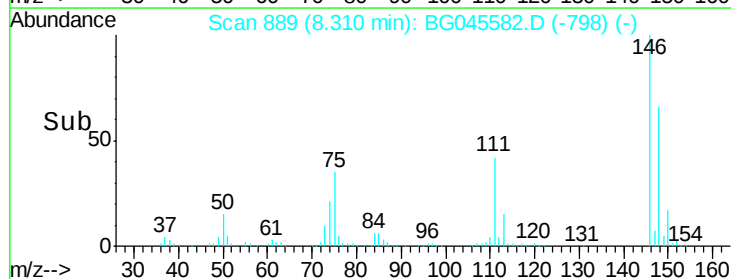
111 41.9 35.0 52.4

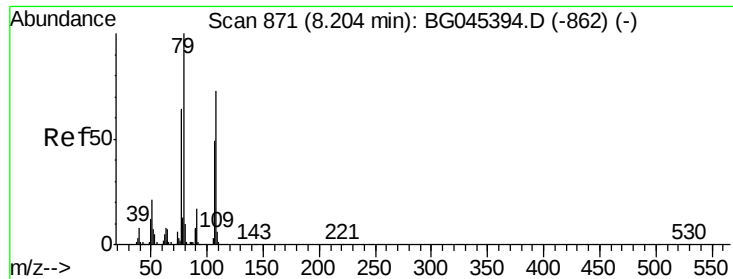


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 64.999 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

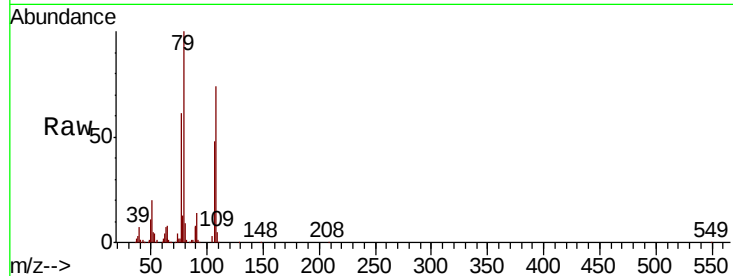
Tot Ion: 79 Resp: 224147

Ion Ratio Lower Upper

79 100

108 73.8 58.2 87.4

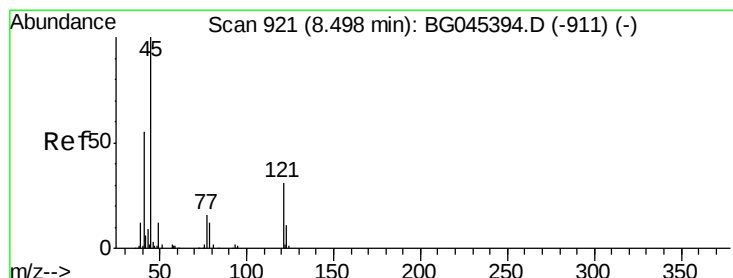
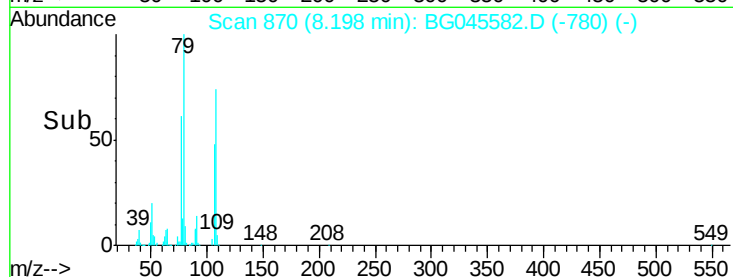
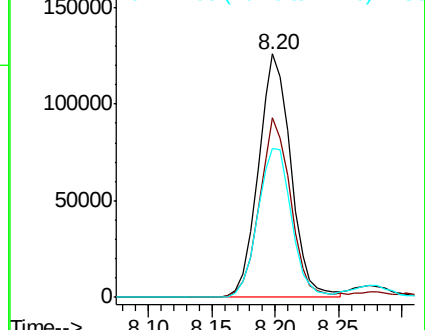
77 61.0 51.0 76.4



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: 58.750 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

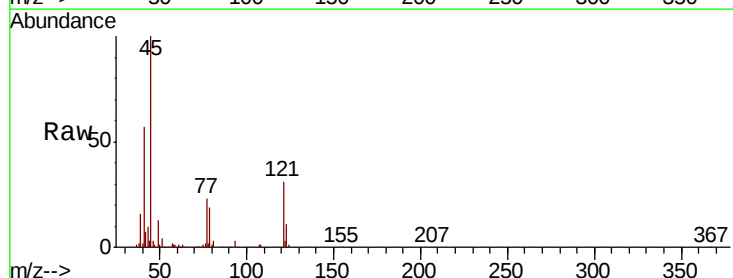
Tgt Ion: 45 Resp: 187143

Ion Ratio Lower Upper

45 100

77 23.1 4.0 44.0

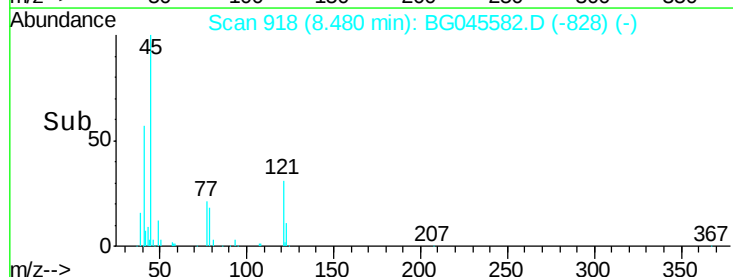
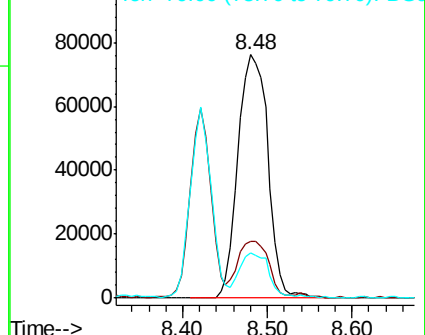
79 18.8 0.0 38.6

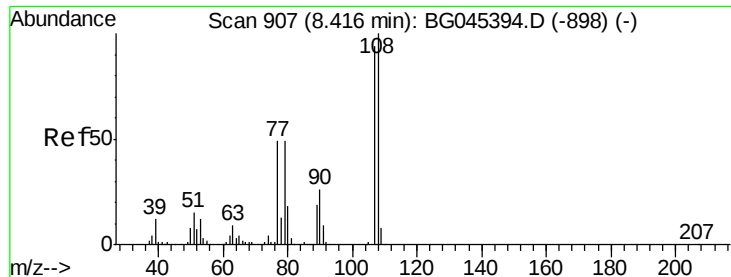


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

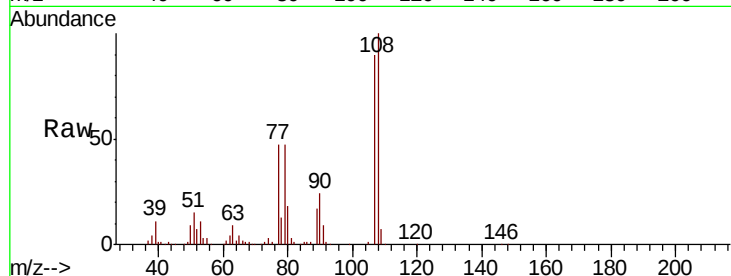




#17
2-Methylphenol
Concen: 58.716 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	85.2	127.8
77	52.8	41.6	62.4
79	52.9	41.8	62.8



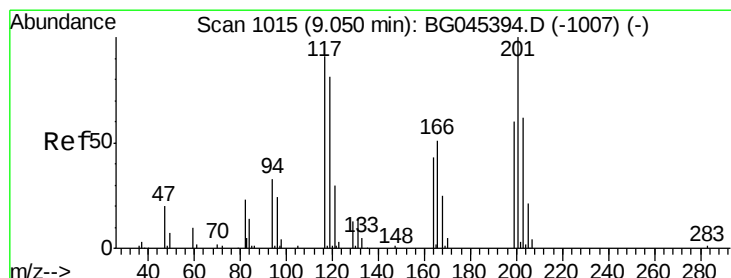
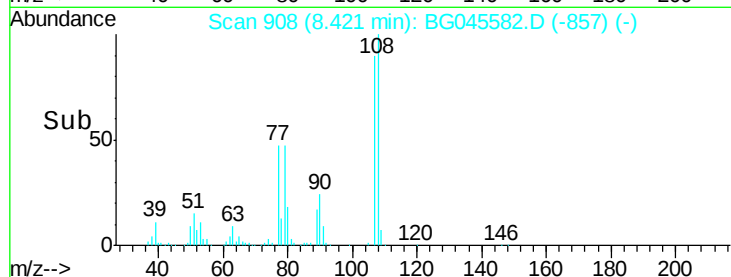
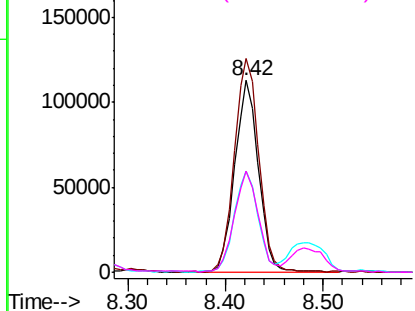
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

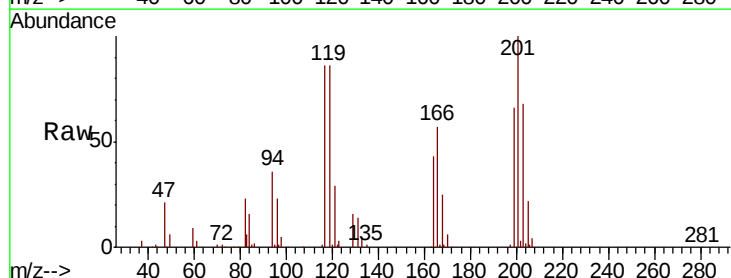
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 60.109 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	71.3	106.9
201	115.9	87.5	131.3

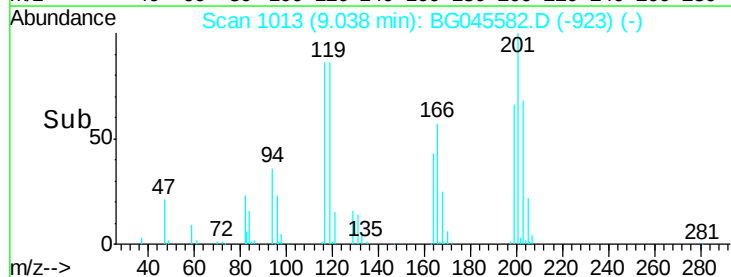
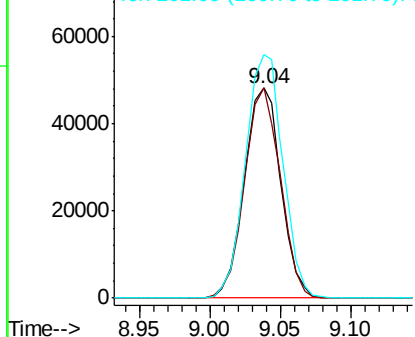


Abundance

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

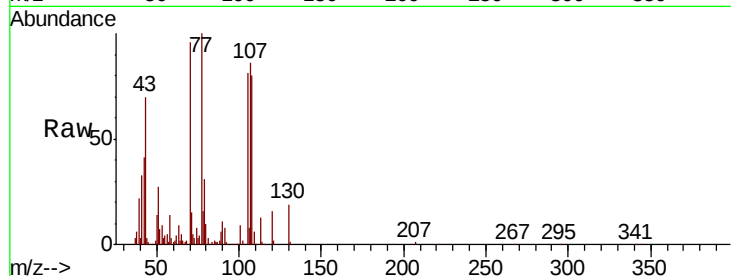




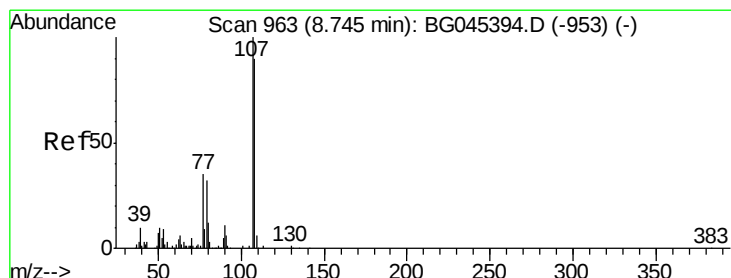
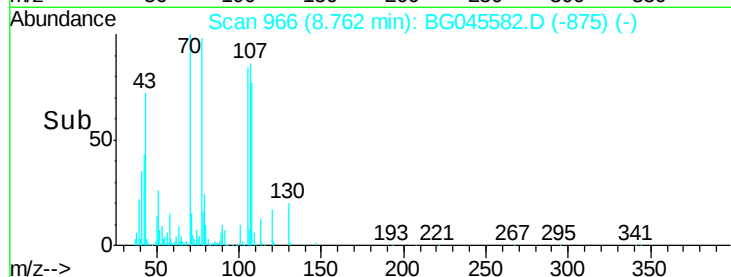
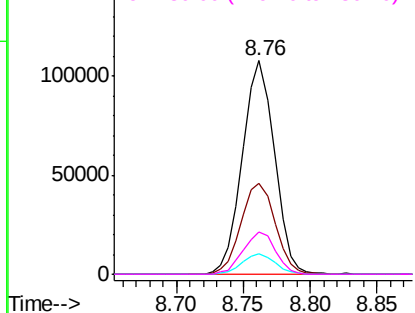
#19
n-Nitroso-di-n-propylamine
Concen: 61.956 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	178847
Ion	Ratio	Lower	Upper
70	100		
42	42.8	33.2	49.8
101	9.7	7.8	11.6
130	19.7	15.4	23.2

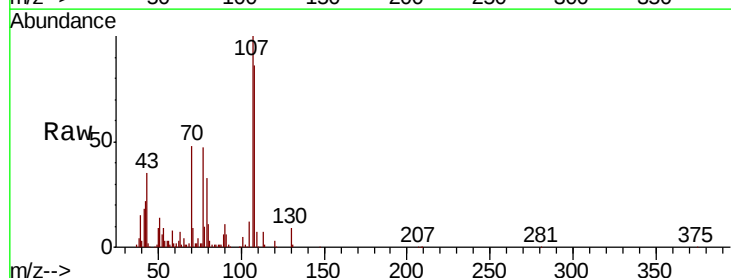


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

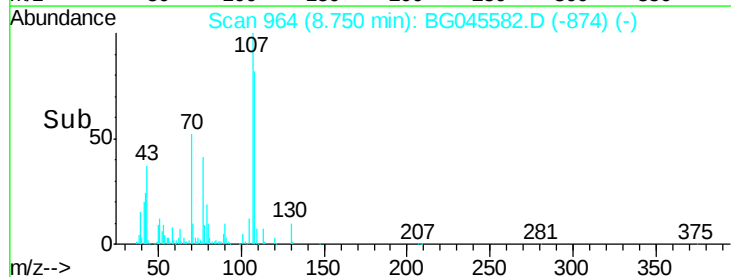
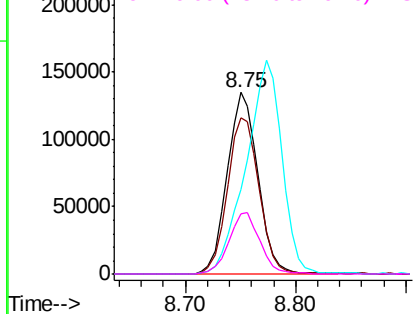


#20
3+4-Methylphenols
Concen: 60.058 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:	107	Resp:	263364
Ion	Ratio	Lower	Upper
107	100		
108	86.4	70.3	110.3
77	46.9	15.4	55.4
79	33.1	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: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 232236

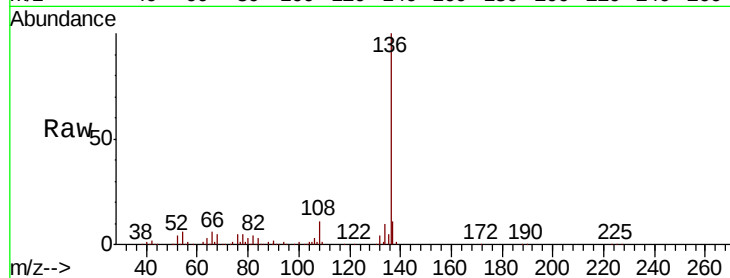
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.2

54 6.3 5.8 8.6

68 4.6 4.5 6.7

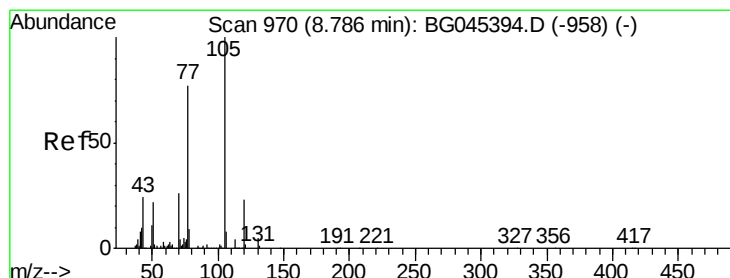
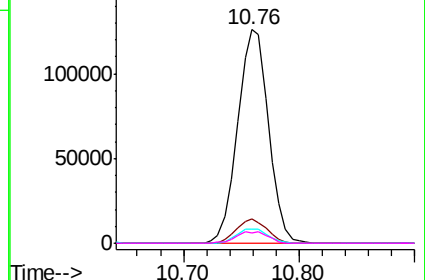
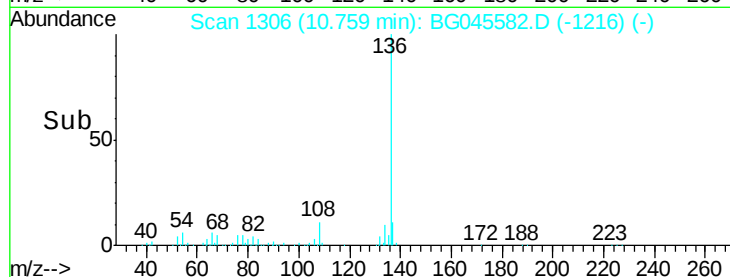


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.842 ng

RT: 8.77 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:105 Resp: 323881

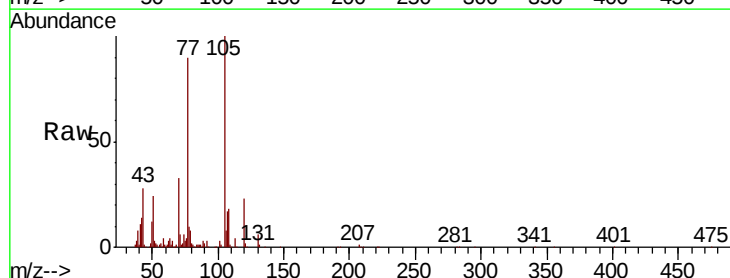
Ion Ratio Lower Upper

105 100

71 5.6 3.4 5.0#

51 24.5 18.2 27.2

120 22.6 18.6 27.8

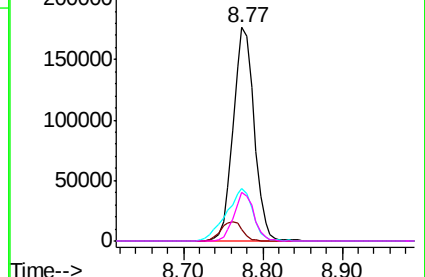
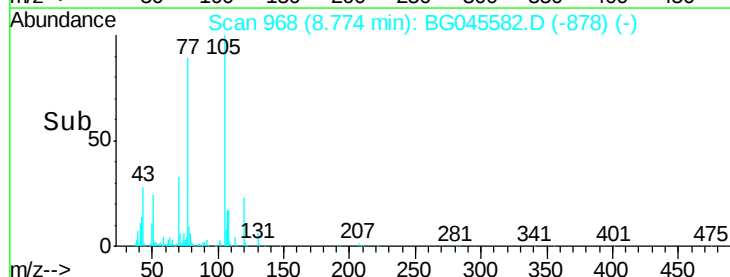


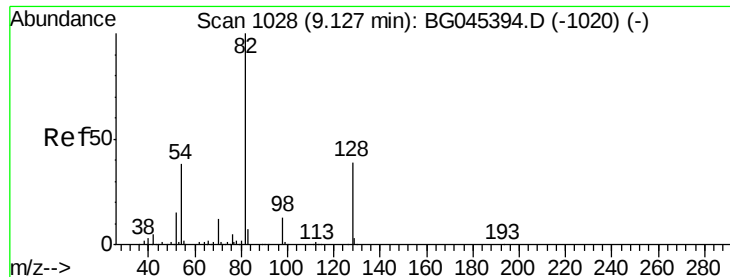
Abundance Ion 105.00 (104.70 to 105.70): E

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

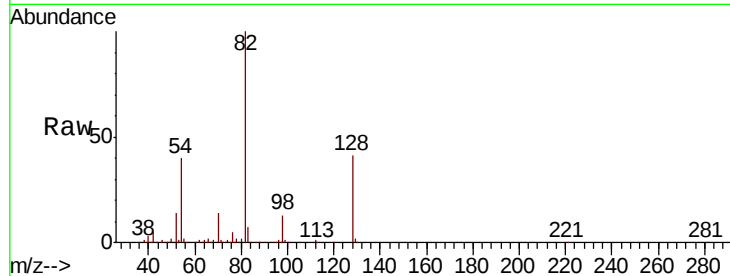




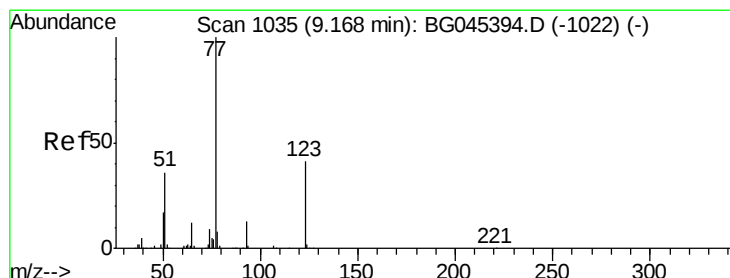
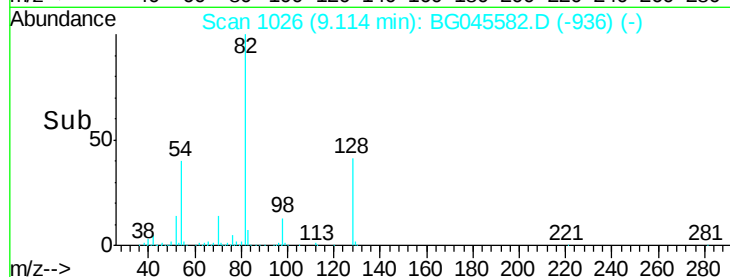
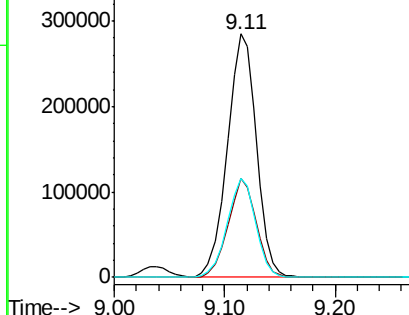
#23
 Nitrobenzene-d5
 Concen: 122.886 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	523341
Ion Ratio	Lower	Upper	
82	100		
128	40.5	30.9	46.3
54	40.5	30.3	45.5

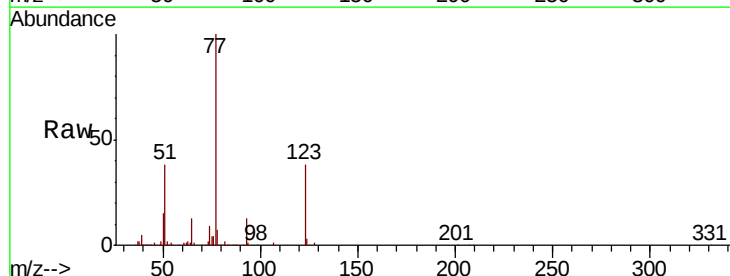


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

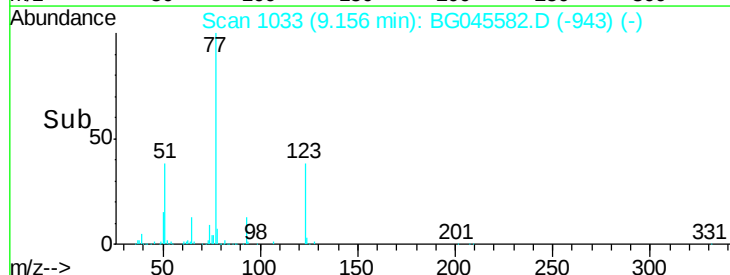
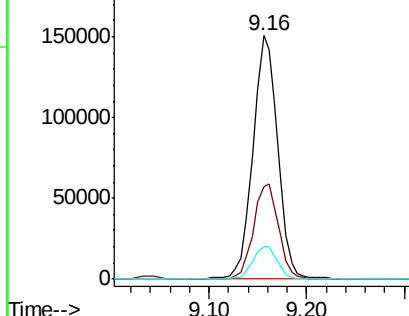


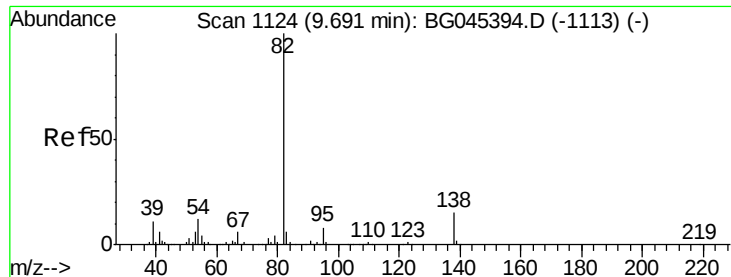
#24
 Nitrobenzene
 Concen: 59.260 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion	77	Resp	270392
Ion Ratio	Lower	Upper	
77	100		
123	38.1	32.9	49.3
65	13.3	9.4	14.2



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





#25

Isophorone

Concen: 59.223 ng

RT: 9.68 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

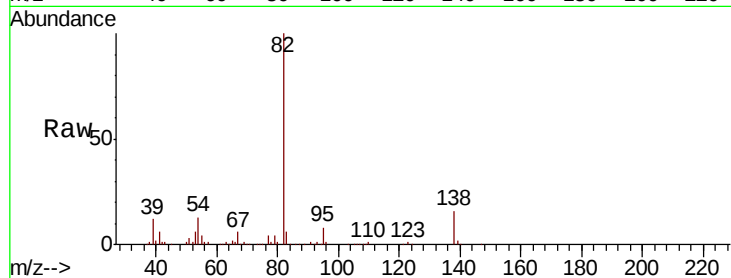
Tot Ion: 82 Resp: 496705

Ion Ratio Lower Upper

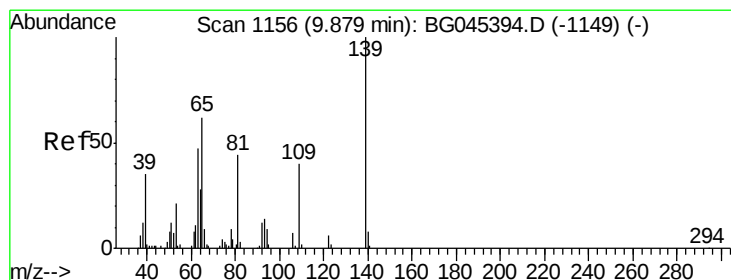
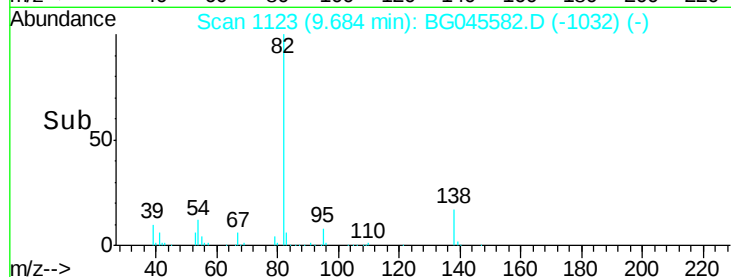
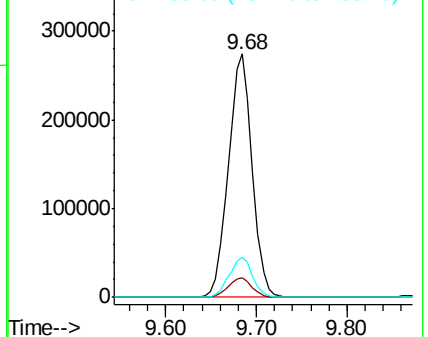
82 100

95 8.0 6.7 10.1

138 16.5 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: 63.198 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

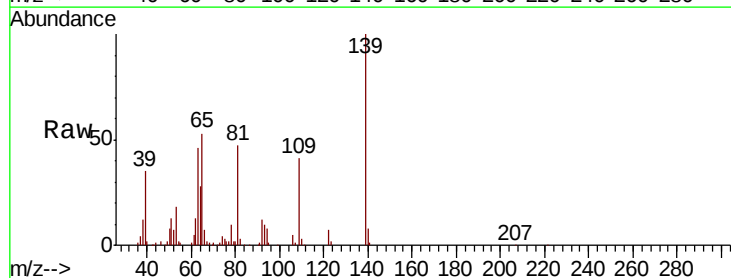
Tgt Ion: 139 Resp: 123356

Ion Ratio Lower Upper

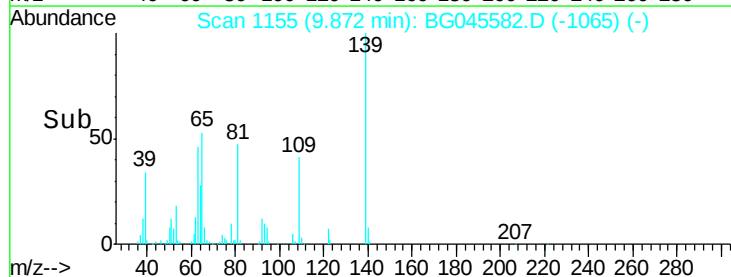
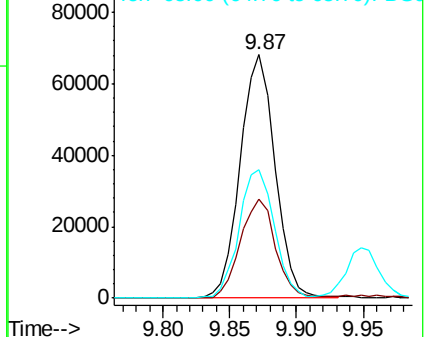
139 100

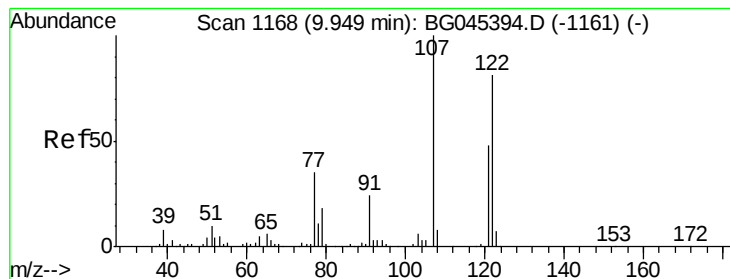
109 40.8 32.2 48.4

65 53.0 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: 70.628 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

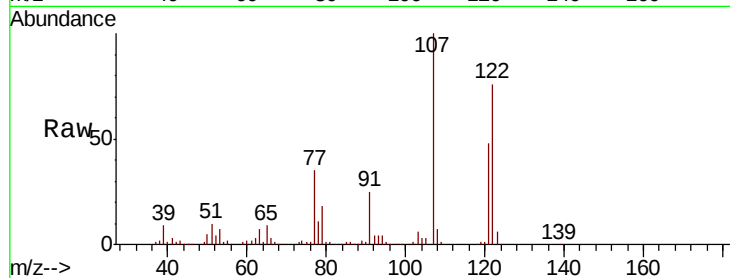
Tot Ion:122 Resp: 204467

Ion Ratio Lower Upper

122 100

107 130.8 99.0 148.4

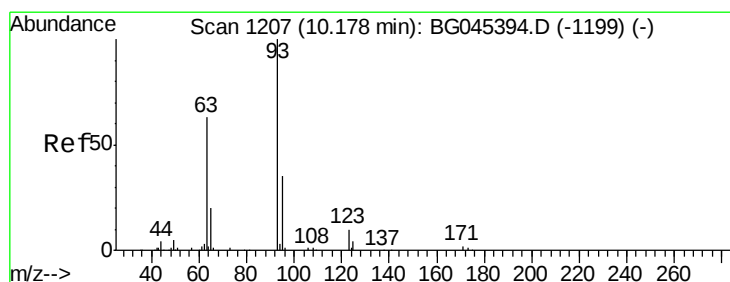
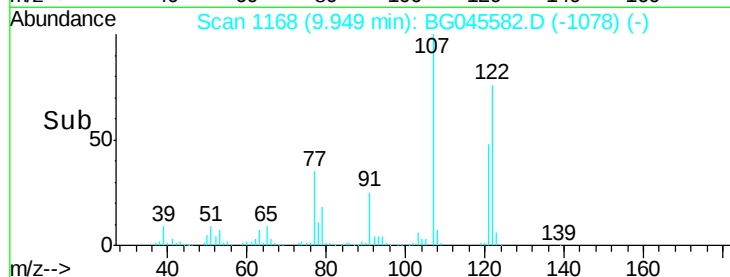
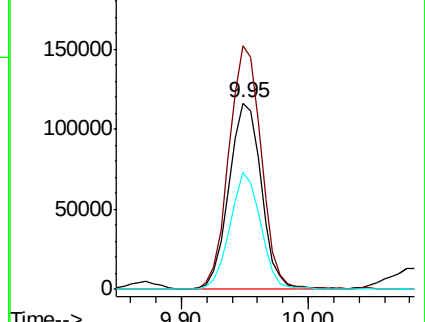
121 62.6 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 61.274 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

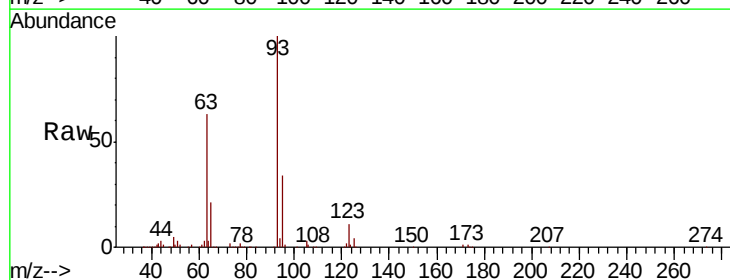
Tgt Ion: 93 Resp: 269514

Ion Ratio Lower Upper

93 100

95 34.2 27.6 41.4

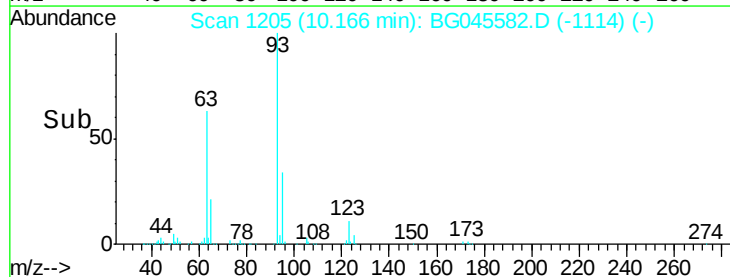
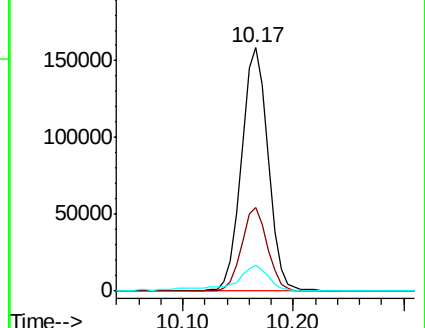
123 10.5 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

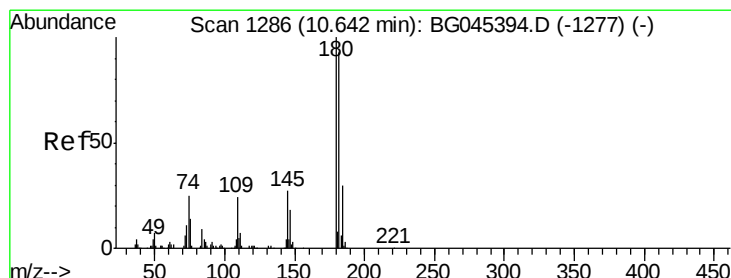
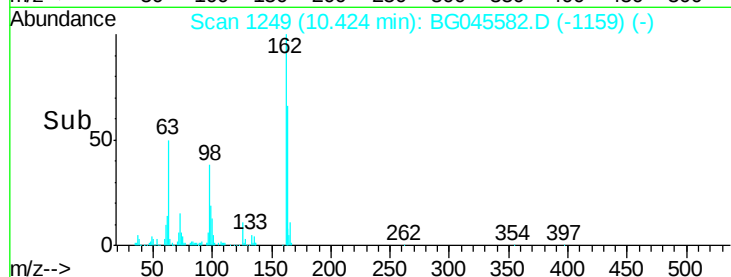
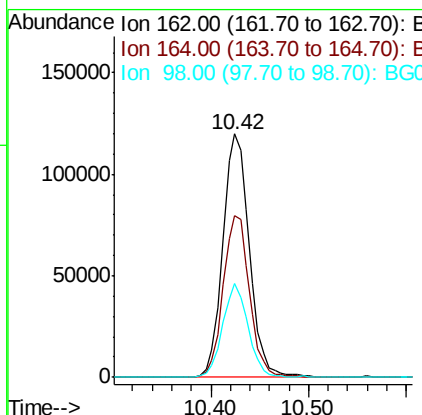
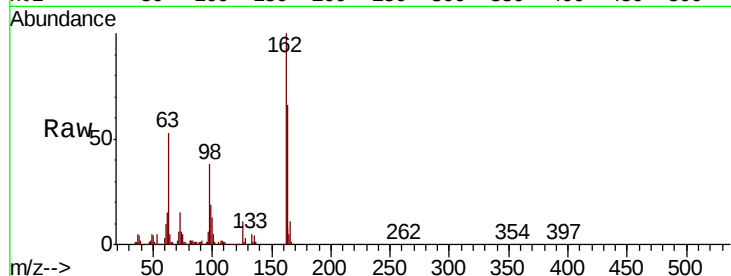




#29
 2,4-Dichlorophenol
 Concen: 65.787 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

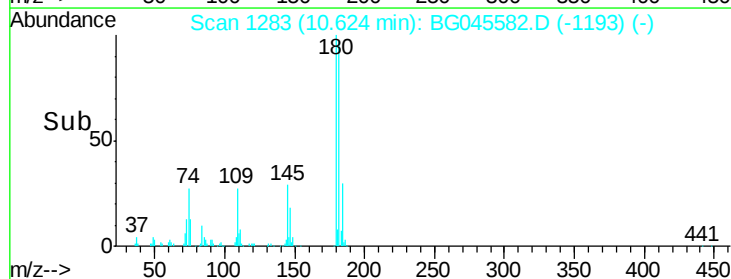
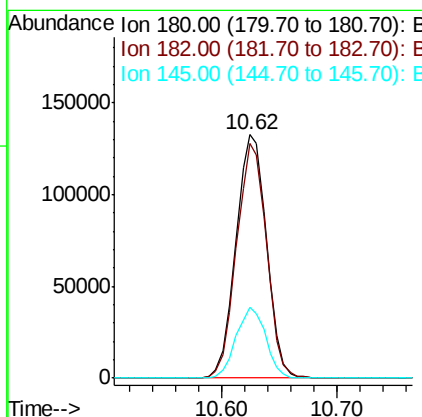
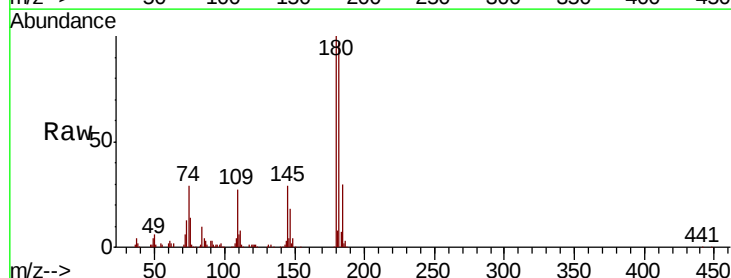
Instrument :
 BNA_G
 ClientSampleId :

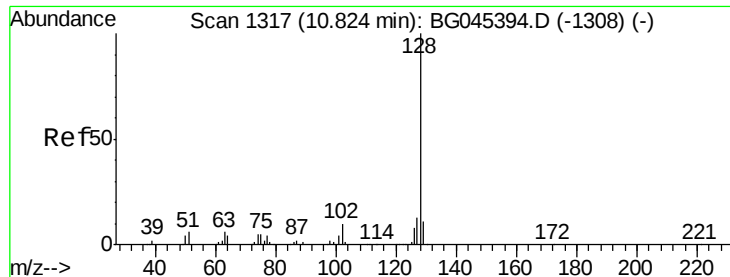
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.8	86.8
98	38.4	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 60.091 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.8	112.2
145	29.2	21.9	32.9

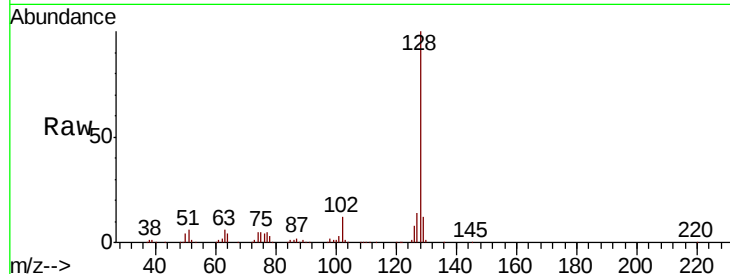




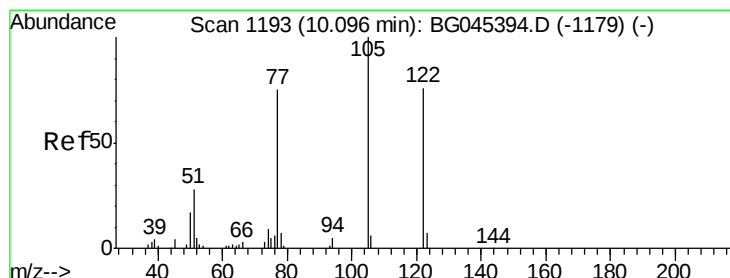
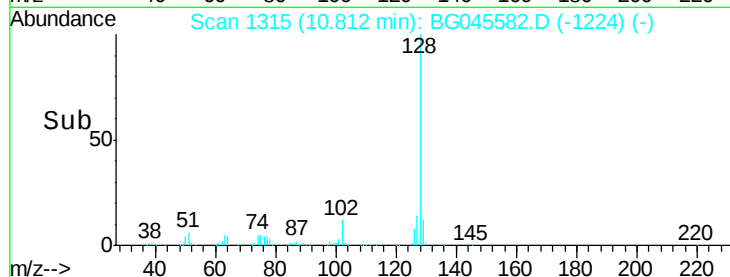
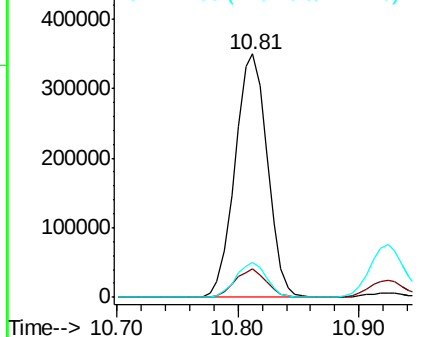
#31
Naphthalene
Concen: 60.420 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 653865
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.1 10.7 16.1

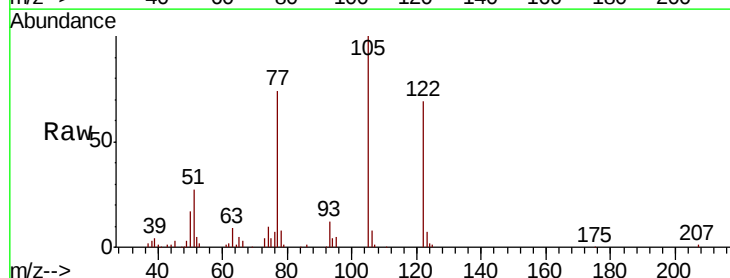


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

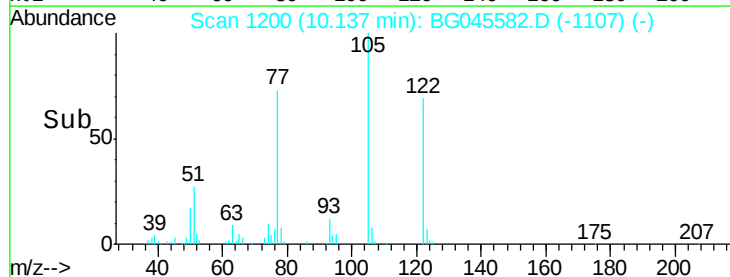
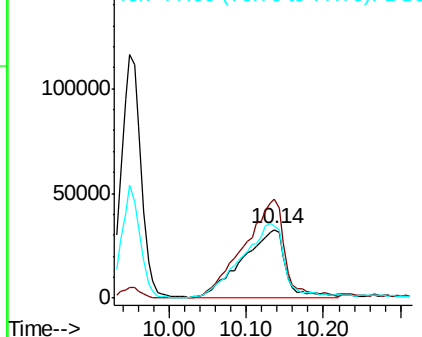


#32
Benzoic acid
Concen: 60.284 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.02 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:122 Resp: 125078
Ion Ratio Lower Upper
122 100
105 144.2 107.9 147.9
77 106.3 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

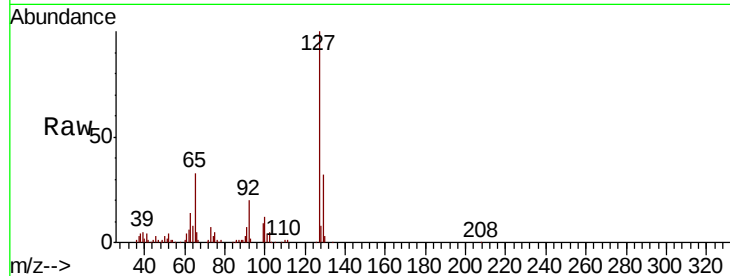




#33
4-Chloroaniline
Concen: 35.102 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	158788
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.7	37.1
65	33.3	26.2	39.2
92	19.9	17.9	26.9



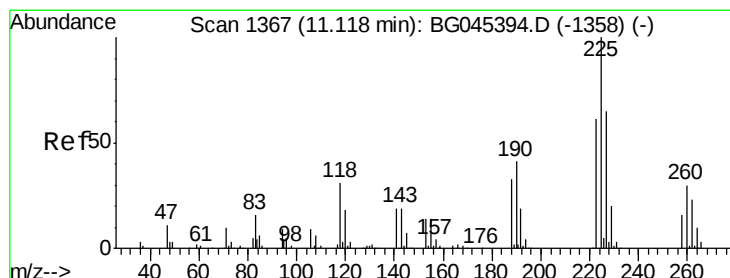
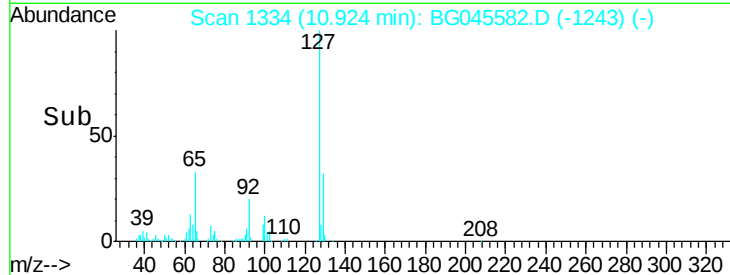
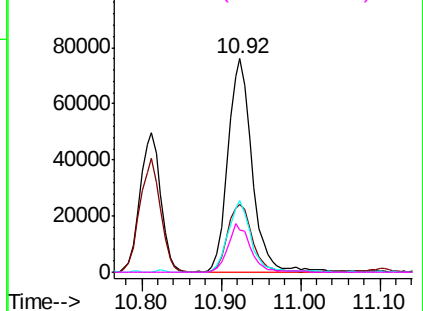
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

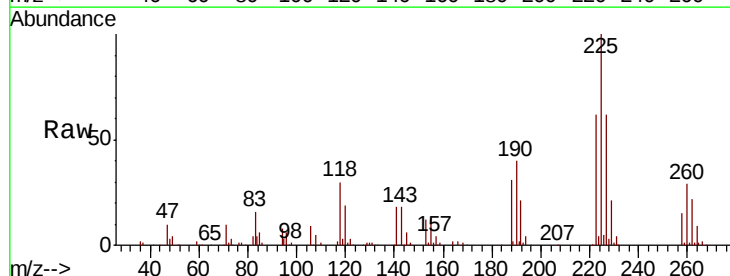
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 59.011 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:	225	Resp:	168502
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.1	73.7
227	61.8	52.0	78.0

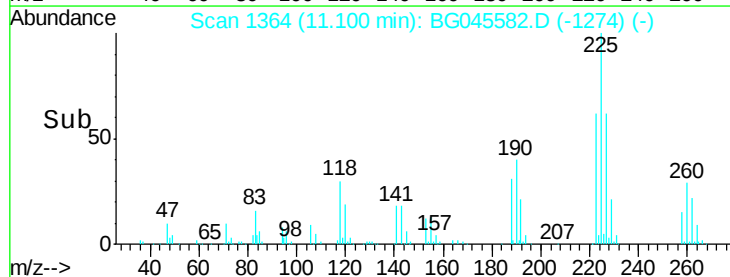
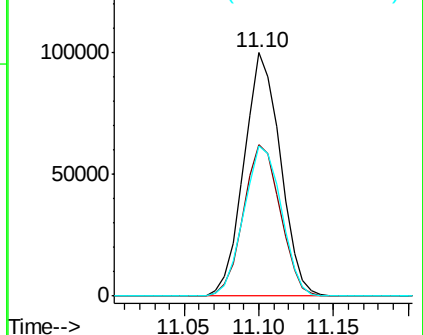


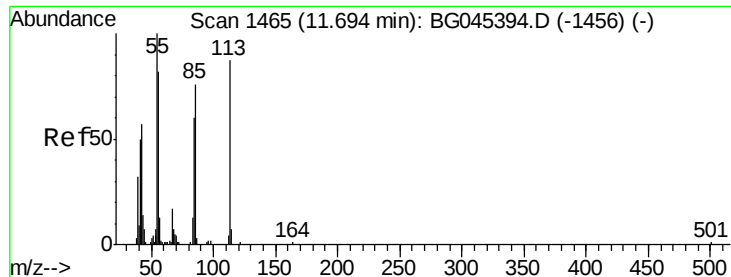
Abundance

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

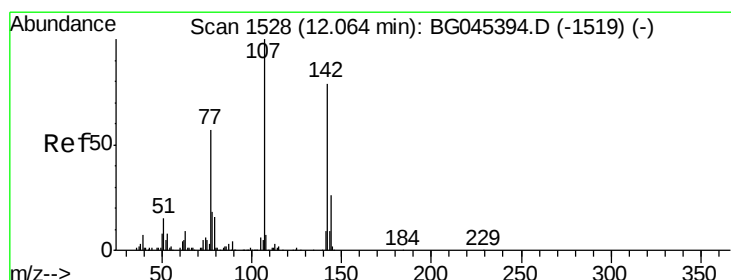
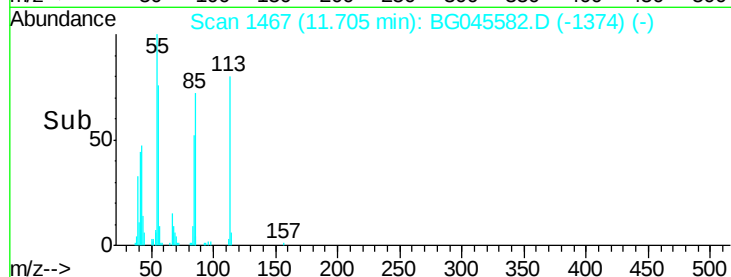
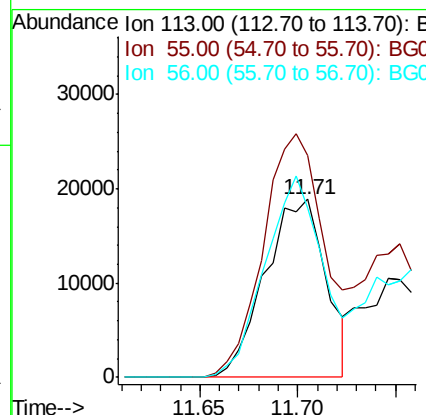
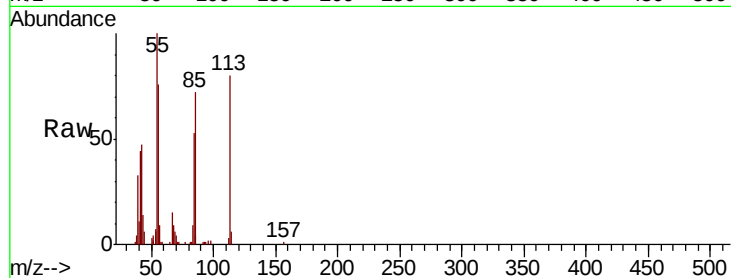




#35
 Caprolactam
 Concen: 32.512 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

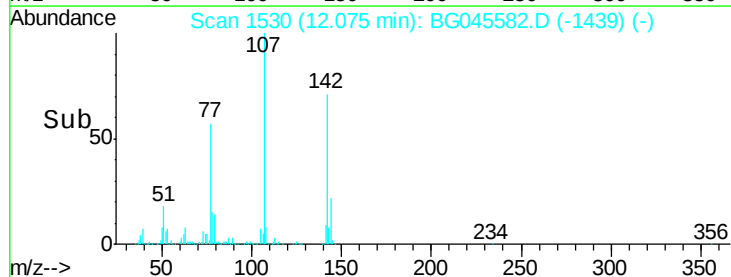
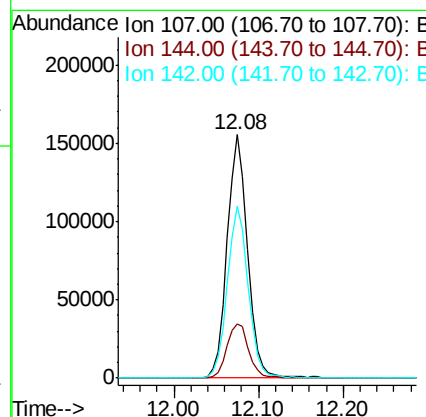
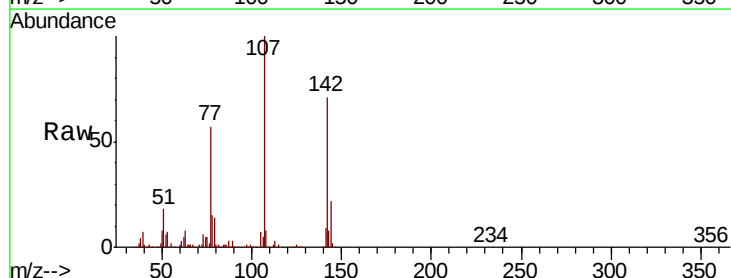
Instrument :
 BNA_G
 ClientSampleId :

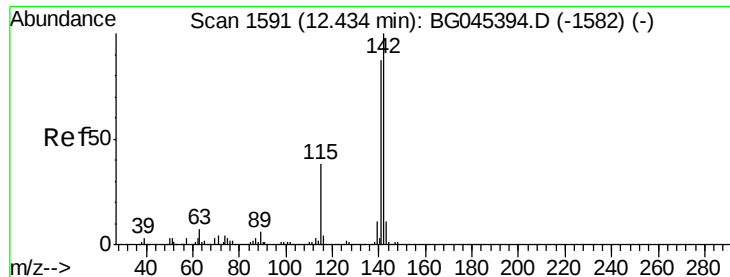
Tot Ion:113 Resp: 40796
 Ion Ratio Lower Upper
 113 100
 55 124.7 96.0 136.0
 56 94.8 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 67.494 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion:107 Resp: 259999
 Ion Ratio Lower Upper
 107 100
 144 22.3 20.8 31.2
 142 70.5 62.8 94.2

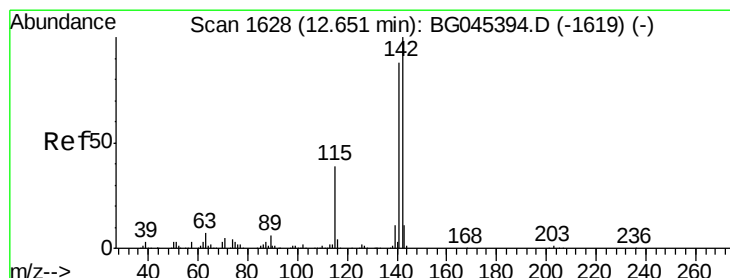
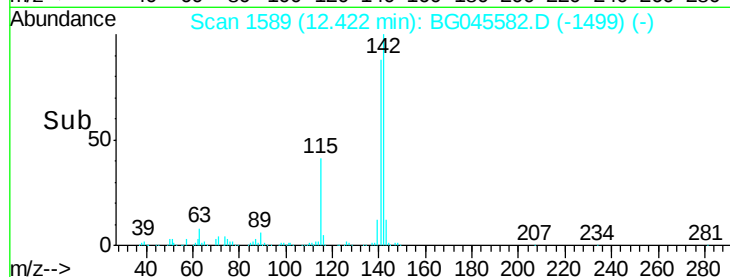
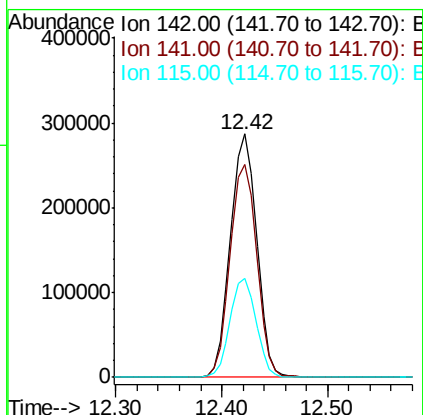
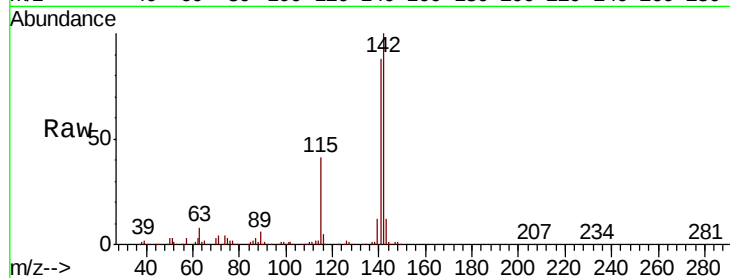




#37
2-Methylnaphthalene
Concen: 61.480 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

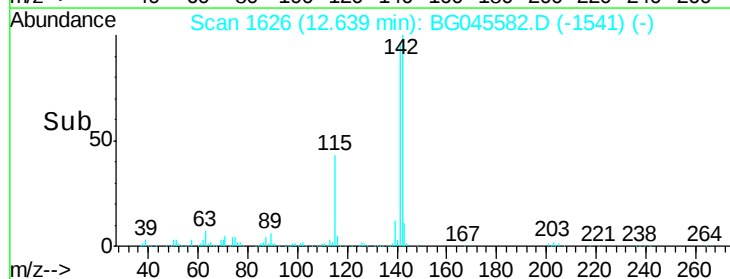
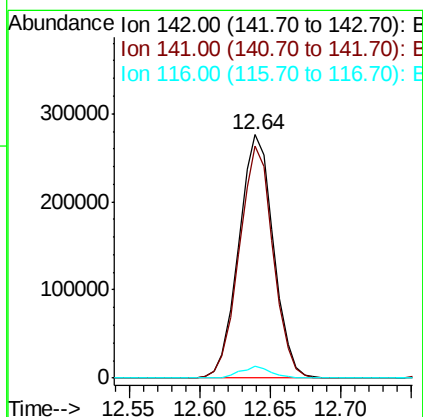
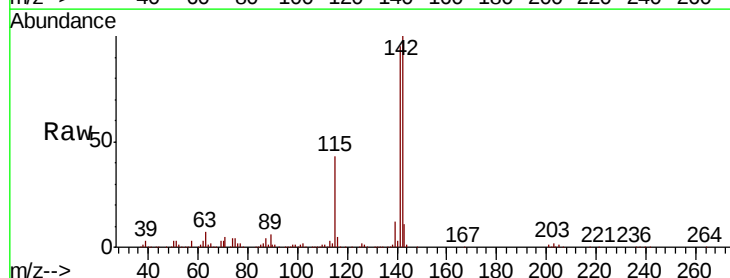
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0
115	40.6	30.8	46.2



#38
1-Methylnaphthalene
Concen: 62.013 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	70.8	106.2
116	4.9	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampled :

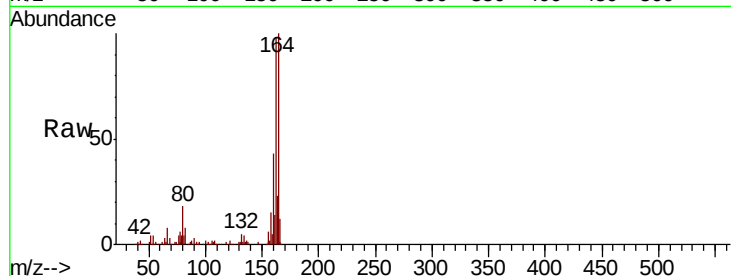
Tot Ion:164 Resp: 167914

Ion Ratio Lower Upper

164 100

162 98.3 76.9 115.3

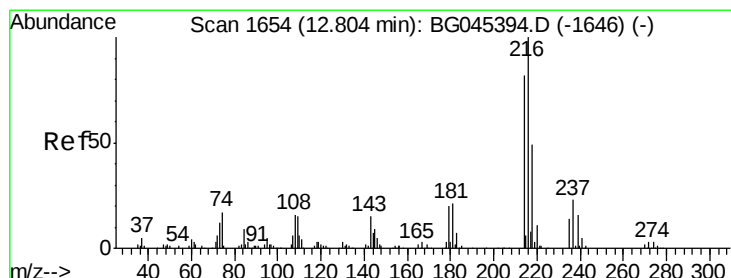
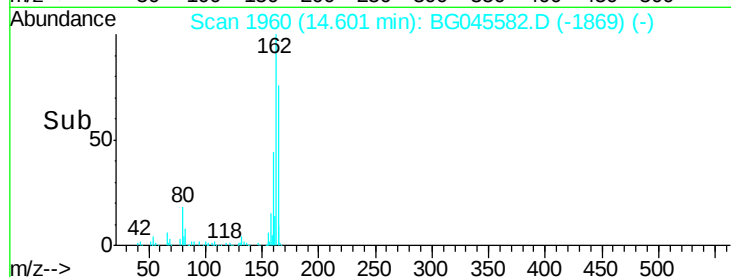
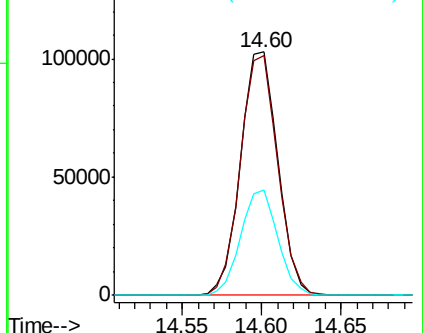
160 43.0 33.8 50.8



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: 59.920 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:216 Resp: 281028

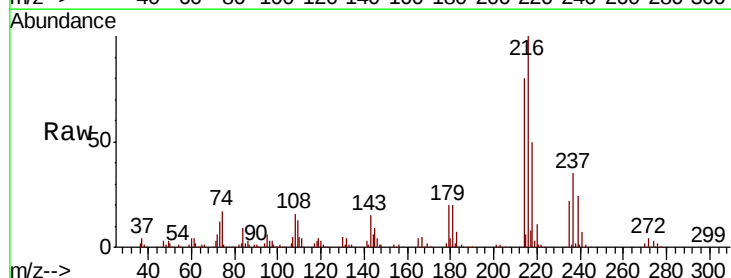
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 20.5 16.1 24.1

108 19.4 13.8 20.6

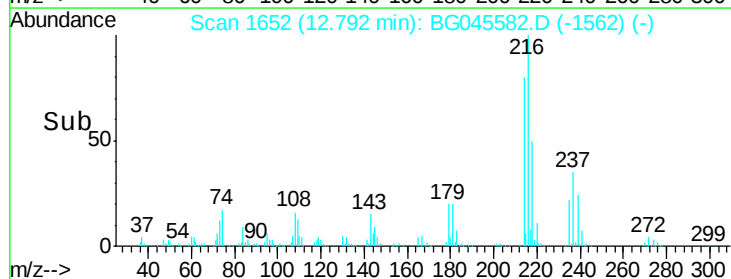
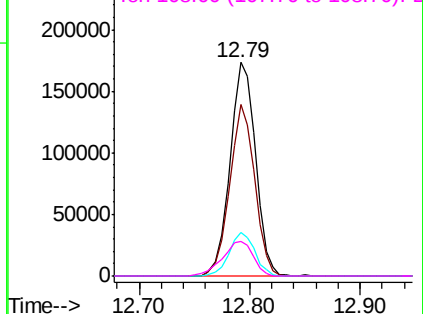


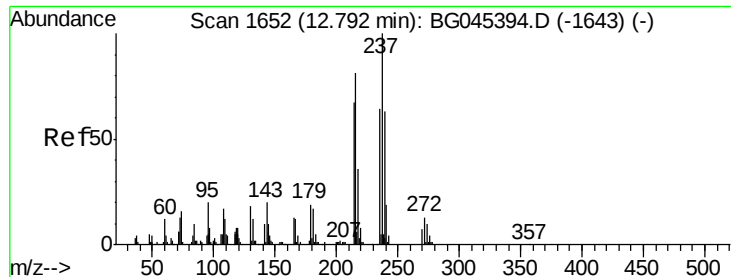
Abundance Ion 216.00 (215.70 to 216.70): E

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: 133.041 ng

RT: 12.77 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

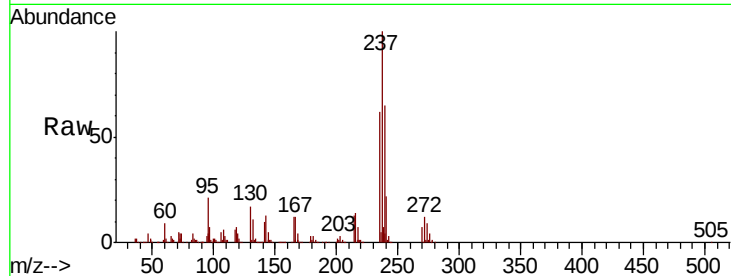
Tot Ion:237 Resp: 360148

Ion Ratio Lower Upper

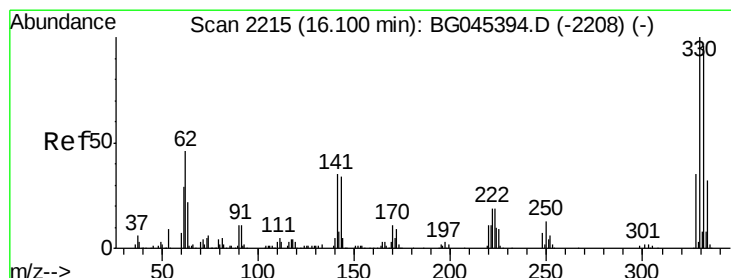
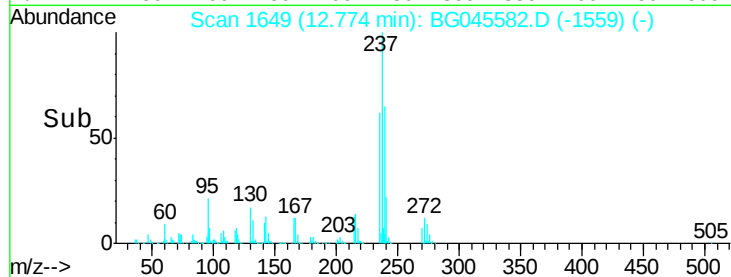
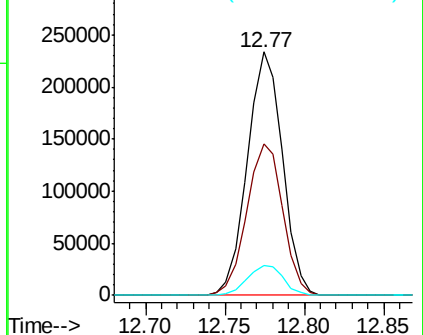
237 100

235 62.3 44.4 84.4

272 12.3 0.0 32.5



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



#42

2,4,6-Tribromophenol

Concen: 188.611 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

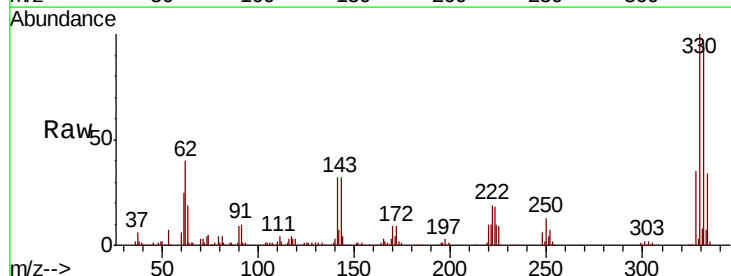
Tgt Ion:330 Resp: 405030

Ion Ratio Lower Upper

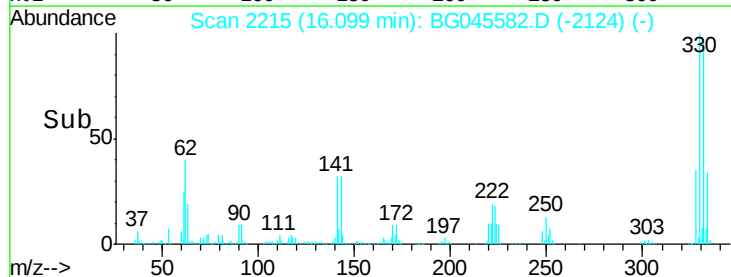
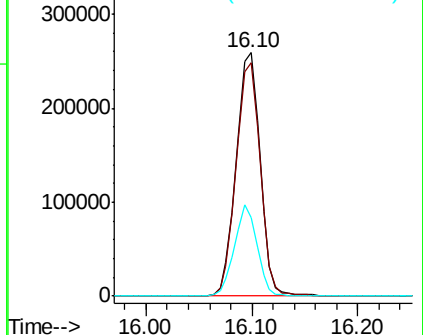
330 100

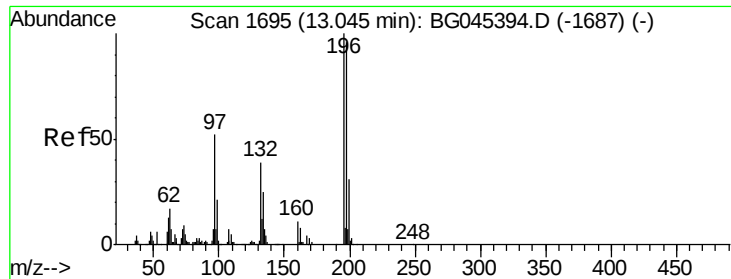
332 97.2 78.2 117.4

141 35.4 28.2 42.4



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

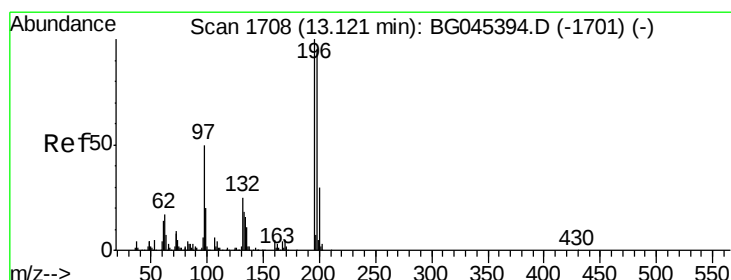
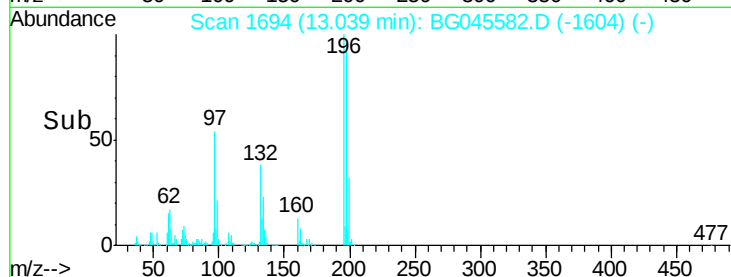
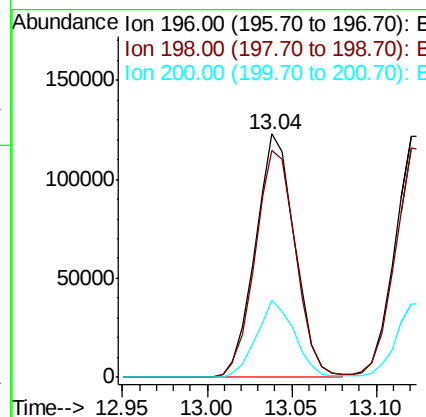
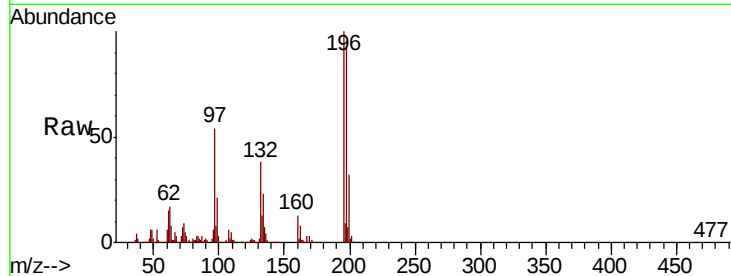




#43
2,4,6-Trichlorophenol
Concen: 61.223 ng
RT: 13.04 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

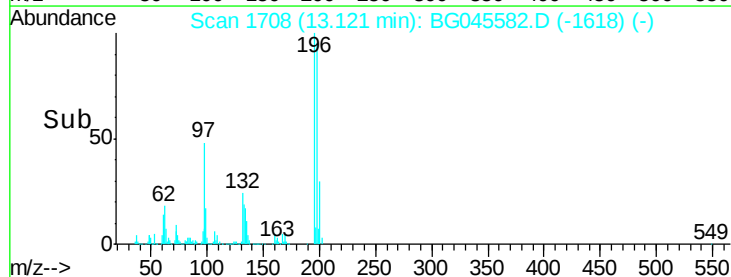
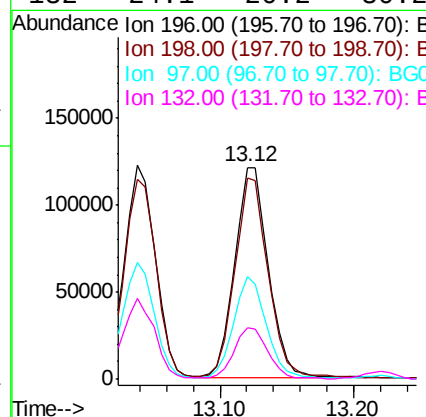
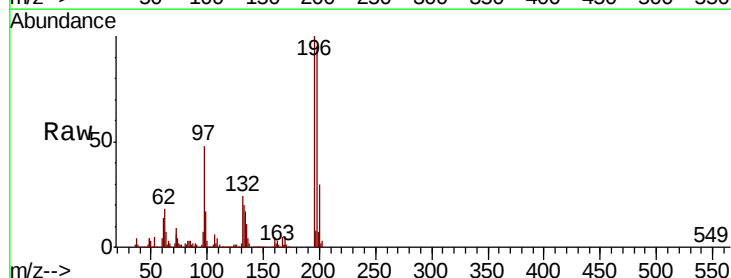
Instrument :
BNA_G
ClientSampleId :

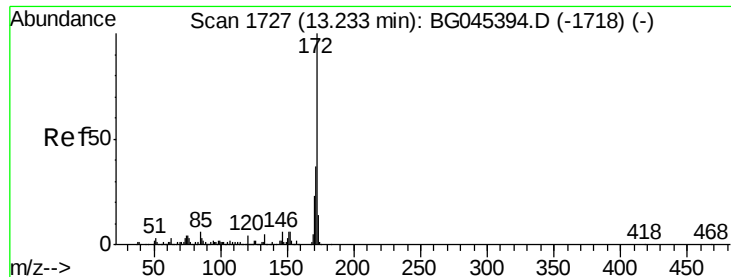
Tot Ion:196 Resp: 199466
Ion Ratio Lower Upper
196 100
198 93.5 76.7 115.1
200 31.6 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 57.053 ng
RT: 13.12 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:196 Resp: 212413
Ion Ratio Lower Upper
196 100
198 95.0 76.1 114.1
97 48.3 40.0 60.0
132 24.1 20.2 30.2

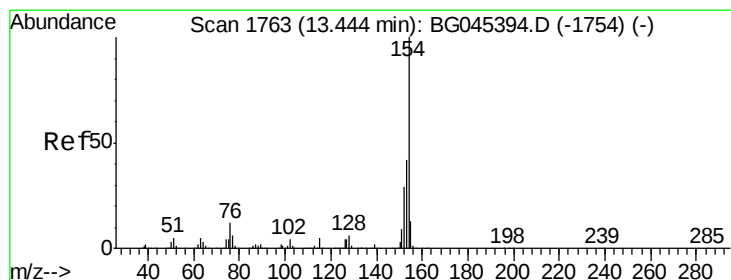
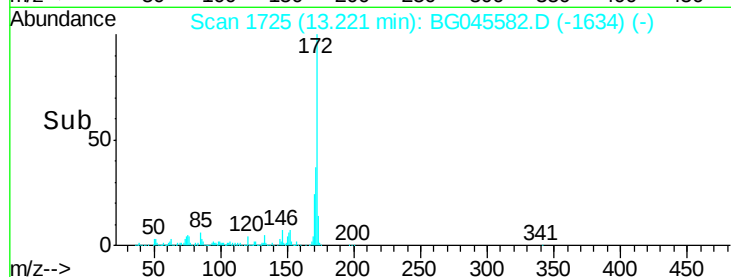
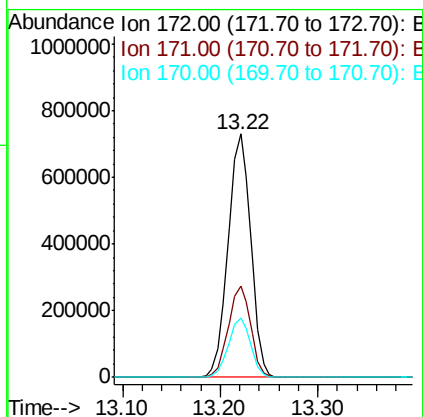
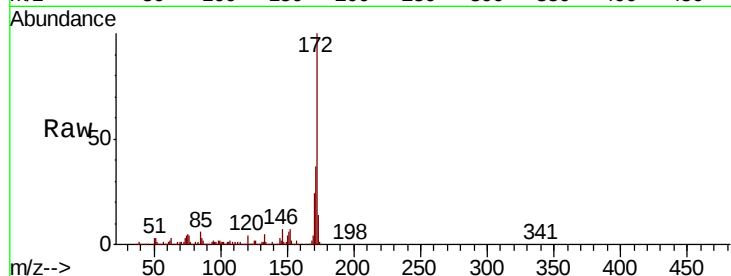




#45
2-Fluorobiphenyl
Concen: 118.525 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

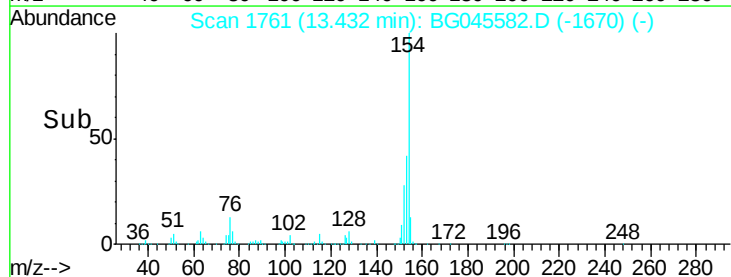
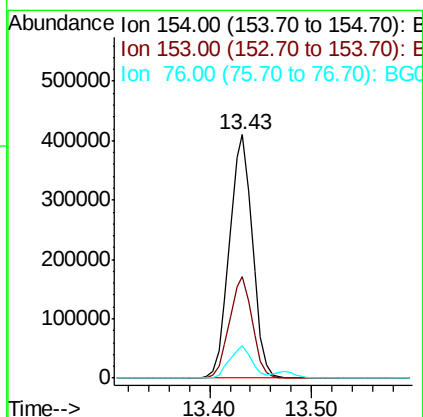
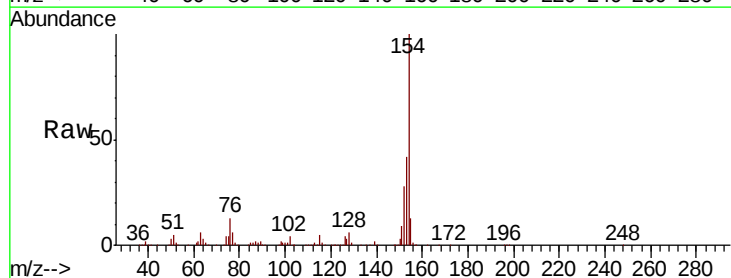
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1173323
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 24.5 18.5 27.7



#46
1,1'-Biphenyl
Concen: 62.405 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:154 Resp: 643866
Ion Ratio Lower Upper
154 100
153 42.0 22.2 62.2
76 13.4 0.0 32.4

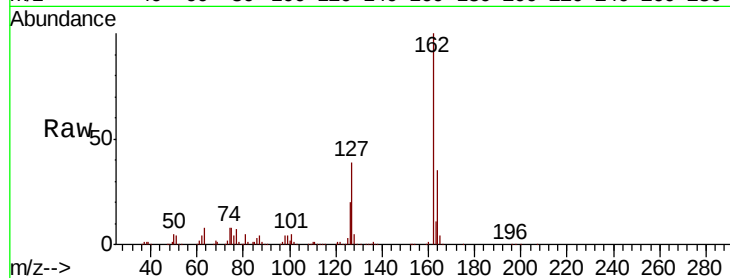




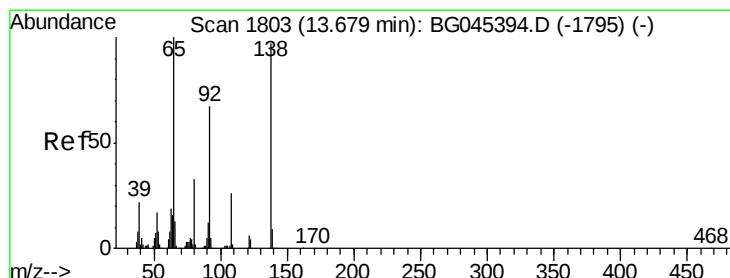
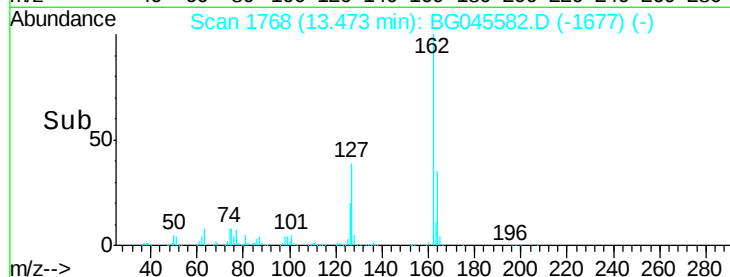
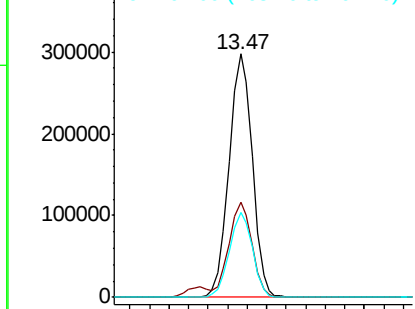
#47
2-Chloronaphthalene
Concen: 58.752 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.6	47.4
164	35.0	28.1	42.1

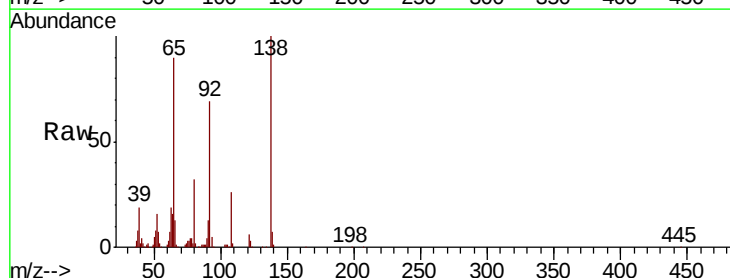


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

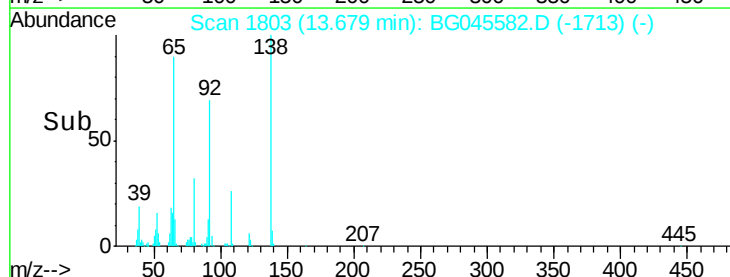
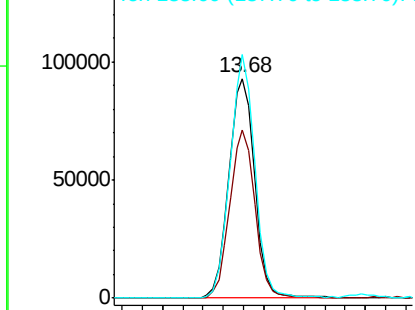


#48
2-Nitroaniline
Concen: 59.530 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.5	53.8	80.8
138	111.0	77.9	116.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 60.959 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

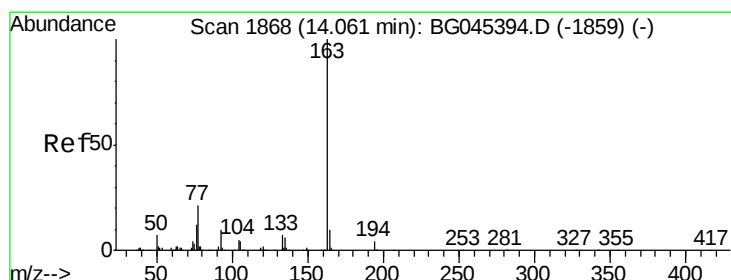
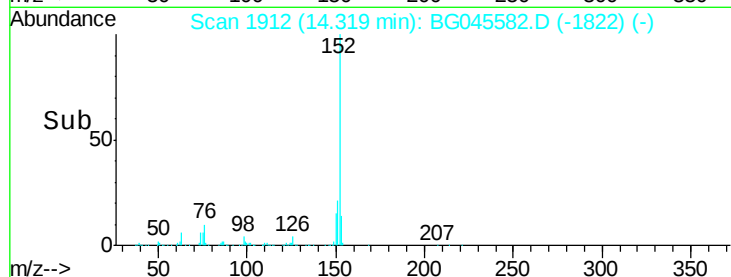
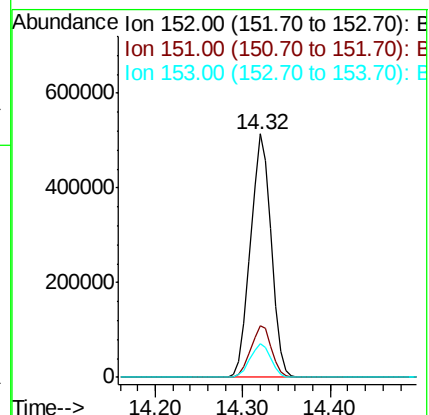
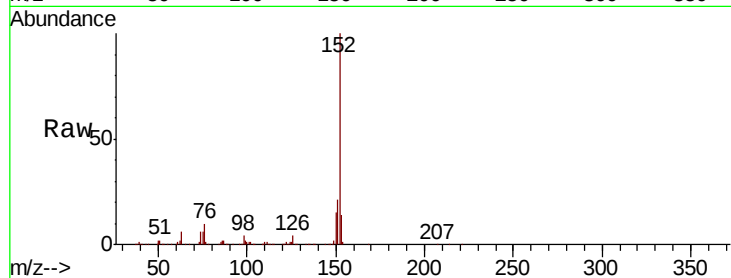
Tot Ion:152 Resp: 820354

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.2

153 14.0 10.7 16.1



#50

Dimethylphthalate

Concen: 60.175 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

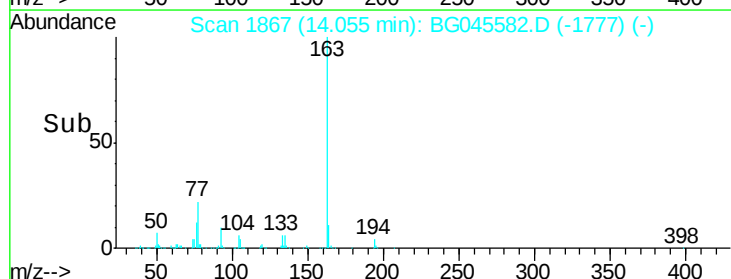
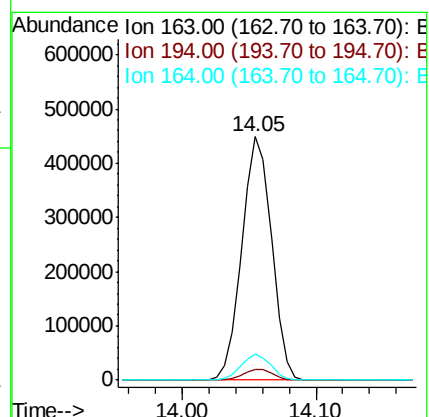
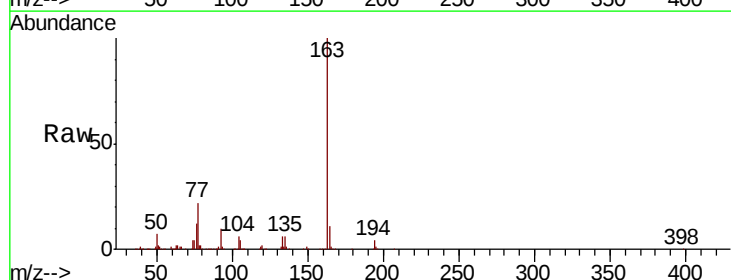
Tgt Ion:163 Resp: 693147

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.7 8.3 12.5

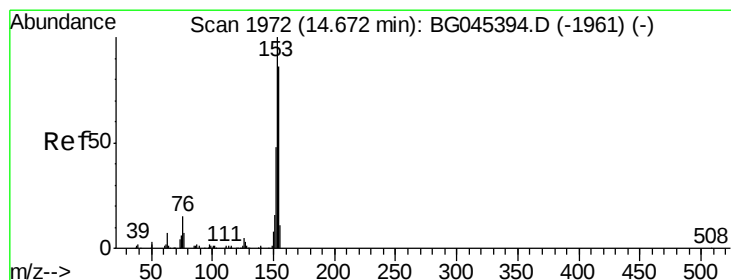
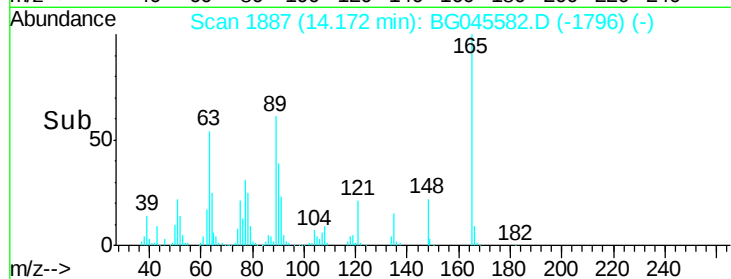
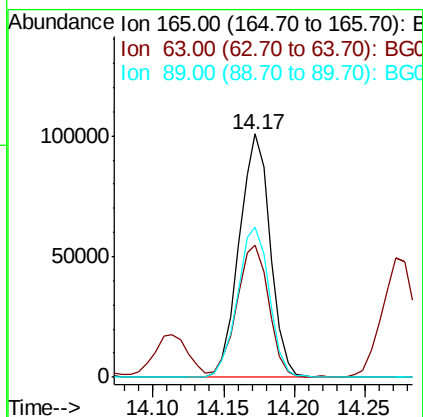
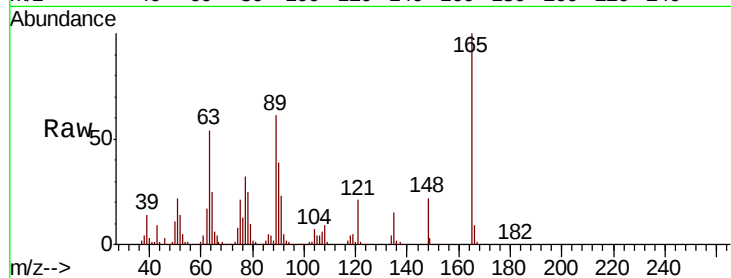




#51
 2,6-Dinitrotoluene
 Concen: 59.483 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

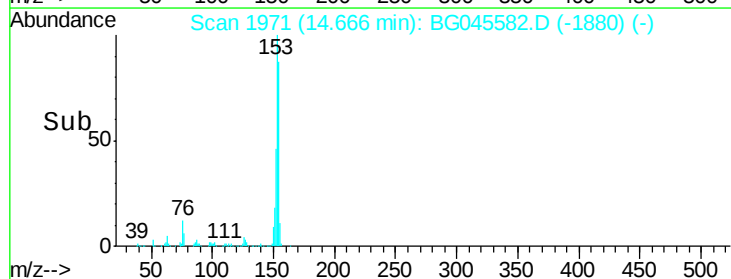
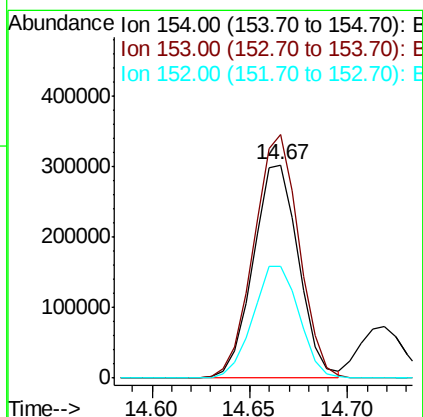
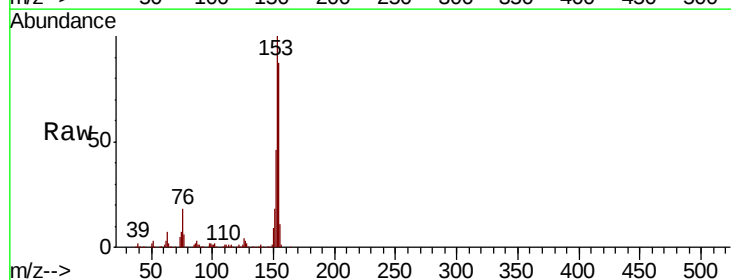
Instrument :
 BNA_G
 ClientSampled :

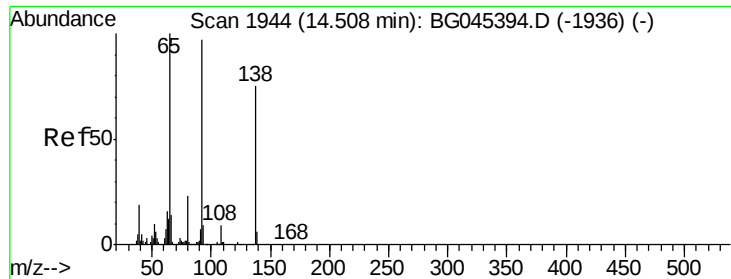
Tot Ion:165 Resp: 154608
 Ion Ratio Lower Upper
 165 100
 63 54.2 45.0 67.4
 89 61.5 50.2 75.4



#52
 Acenaphthene
 Concen: 54.073 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion:154 Resp: 487098
 Ion Ratio Lower Upper
 154 100
 153 114.3 92.8 139.2
 152 52.6 44.6 66.8

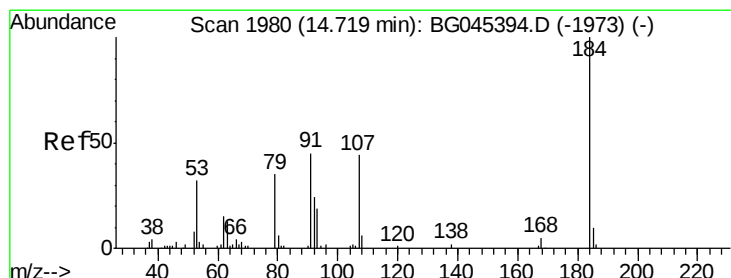
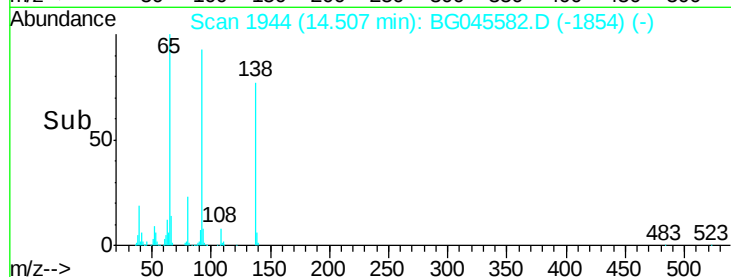
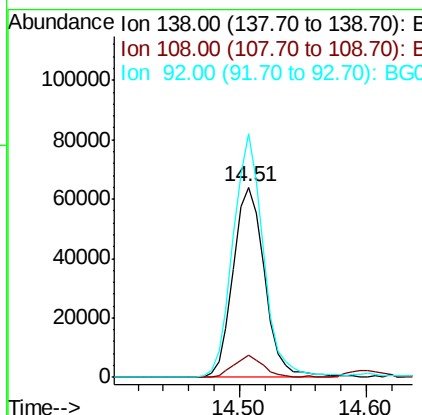
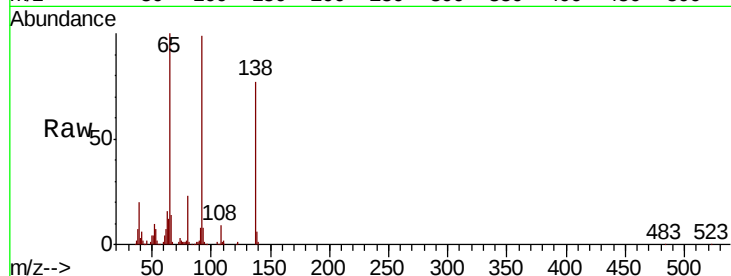




#53
3-Nitroaniline
Concen: 41.568 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

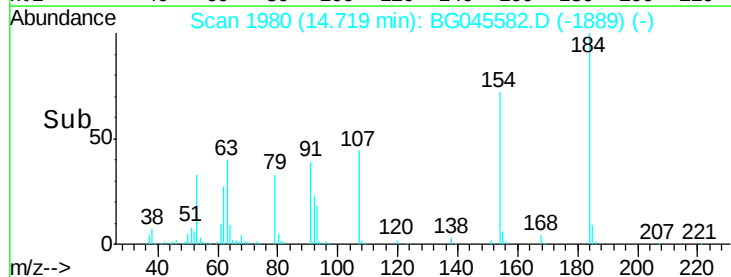
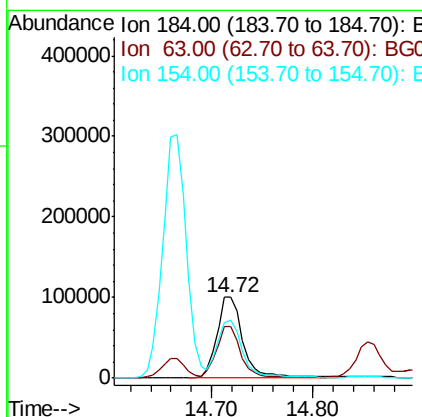
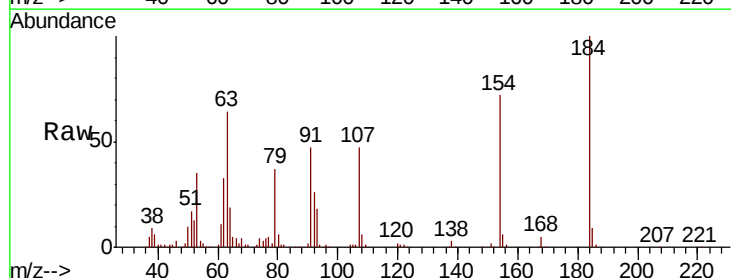
Instrument :
BNA_G
ClientSampleId :

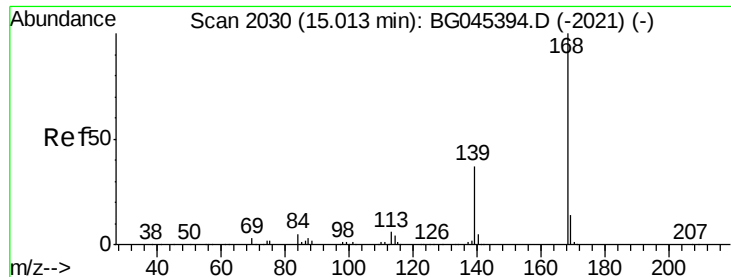
Tot Ion:138 Resp: 109832
Ion Ratio Lower Upper
138 100
108 11.6 9.8 14.6
92 128.0 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 104.670 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:184 Resp: 181293
Ion Ratio Lower Upper
184 100
63 63.7 47.8 71.6
154 72.3 58.3 87.5

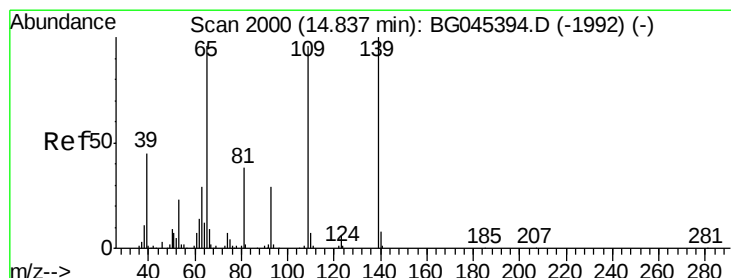
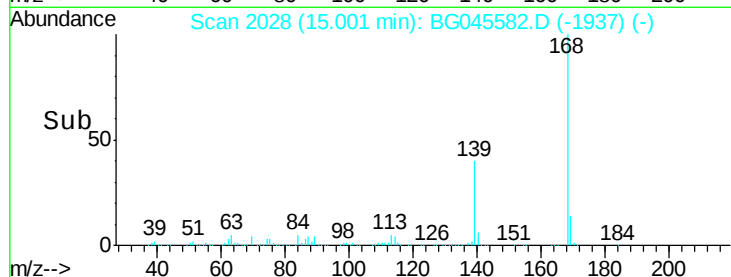
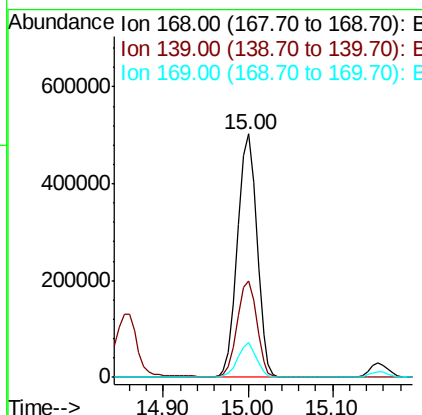
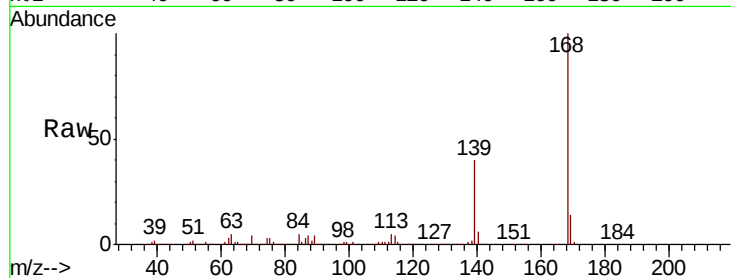




#55
Dibenzofuran
Concen: 59.411 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

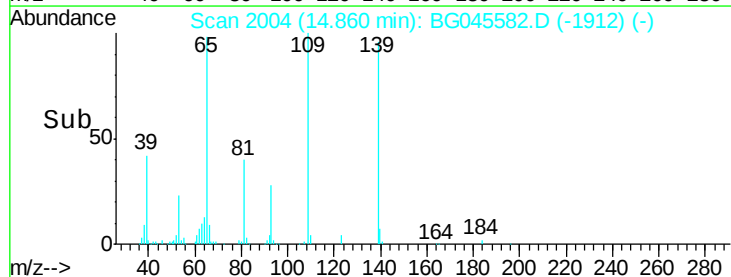
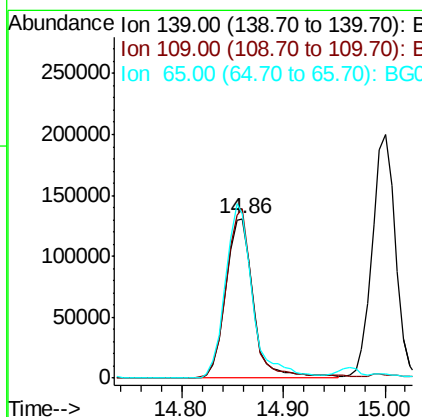
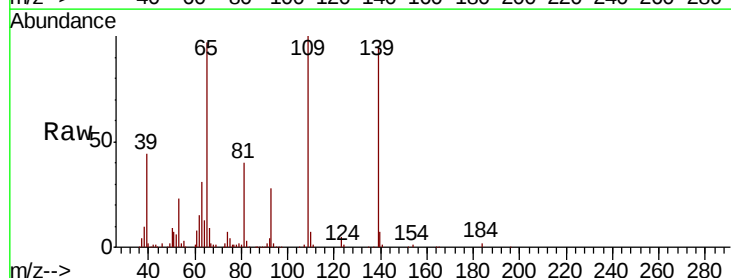
Instrument :
BNA_G
ClientSampleId :

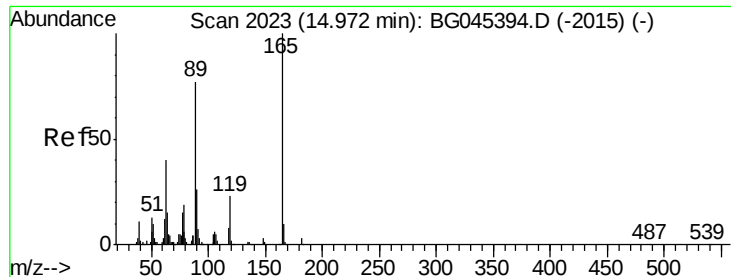
Tot Ion:168 Resp: 794759
Ion Ratio Lower Upper
168 100
139 39.7 29.9 44.9
169 14.2 10.9 16.3



#56
4-Nitrophenol
Concen: 123.541 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:139 Resp: 247133
Ion Ratio Lower Upper
139 100
109 105.8 75.6 115.6
65 102.4 76.8 116.8

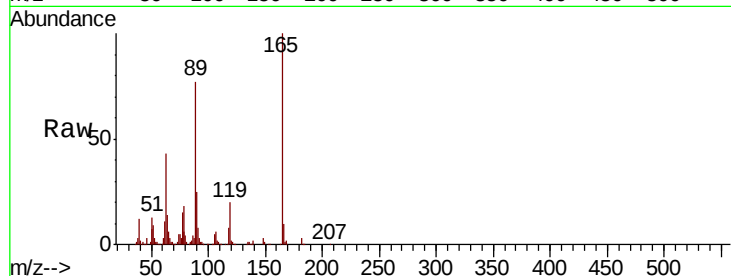




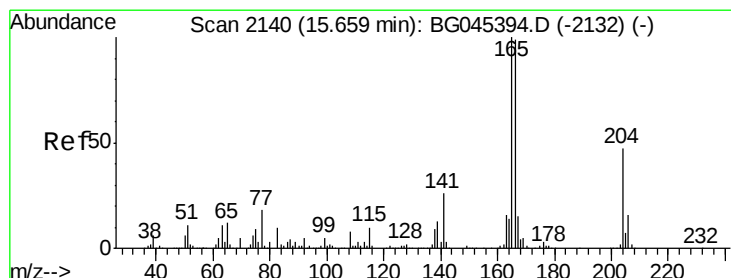
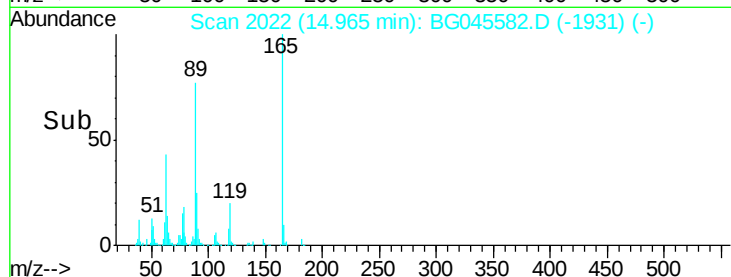
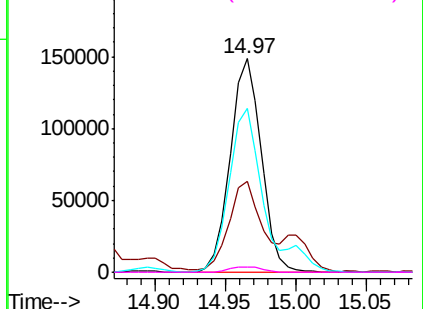
#57
2,4-Dinitrotoluene
Concen: 60.605 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 228138
Ion Ratio Lower Upper
165 100
63 42.8 32.5 48.7
89 76.7 61.8 92.6
182 2.5 2.3 3.5

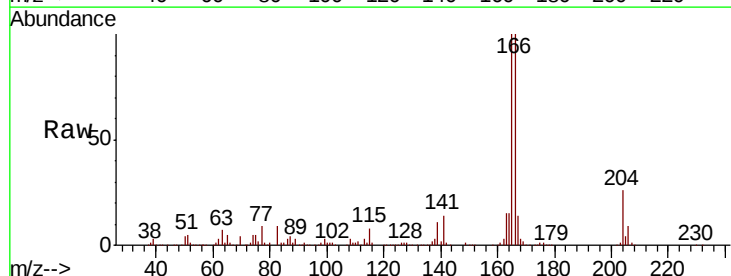


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

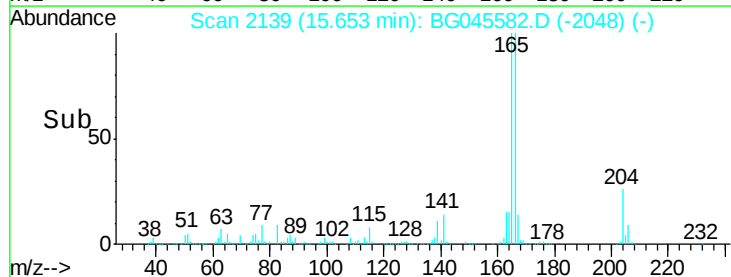
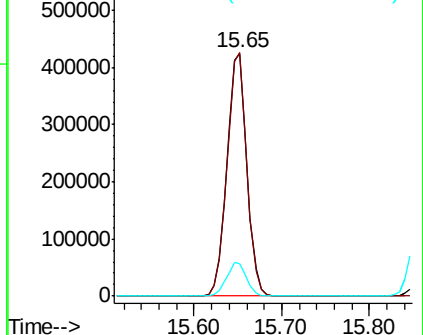


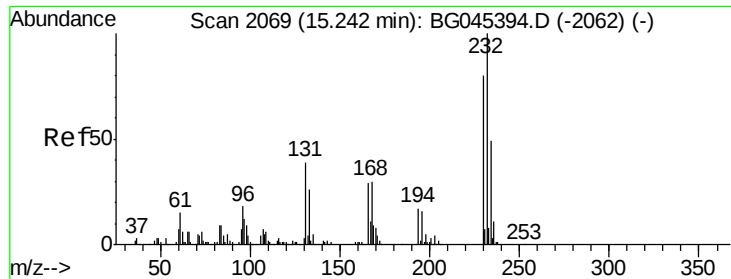
#58
Fluorene
Concen: 60.380 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:166 Resp: 663582
Ion Ratio Lower Upper
166 100
165 100.4 80.8 121.2
167 13.6 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

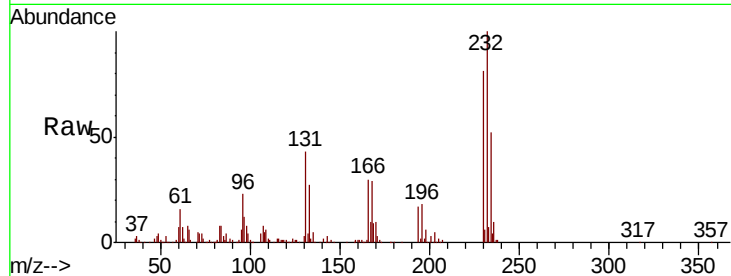




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.822 ng
RT: 15.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.7	50.5
130	2.7	2.1	3.1
166	28.7	23.2	34.8

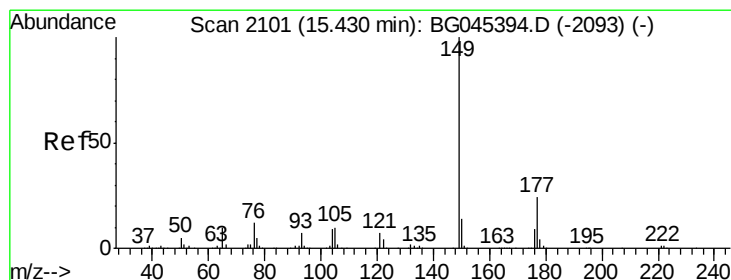
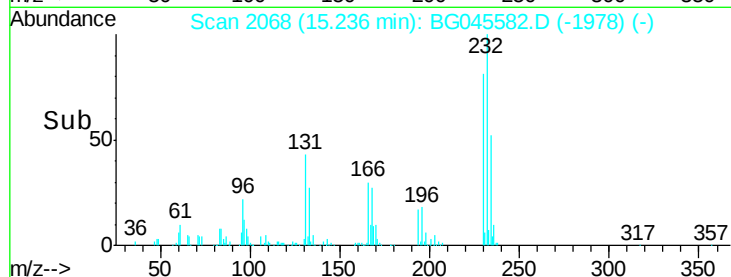
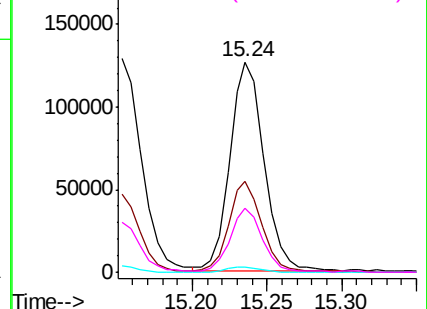


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

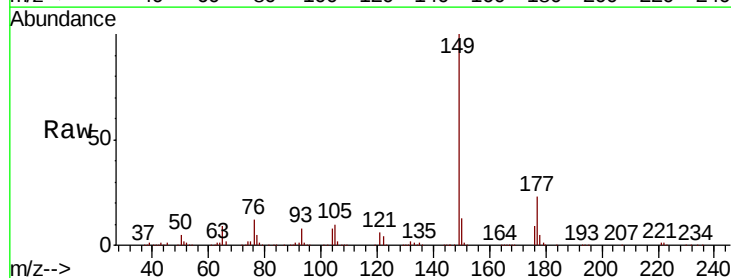
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 59.403 ng
RT: 15.42 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

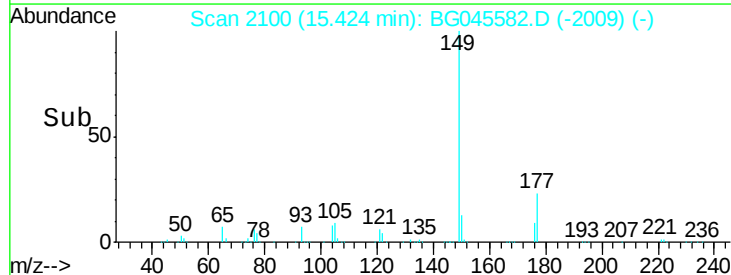
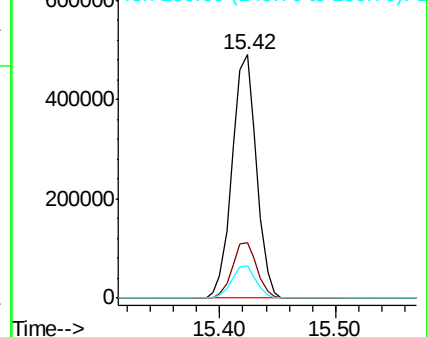
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.0	28.4
150	13.3	11.4	17.0

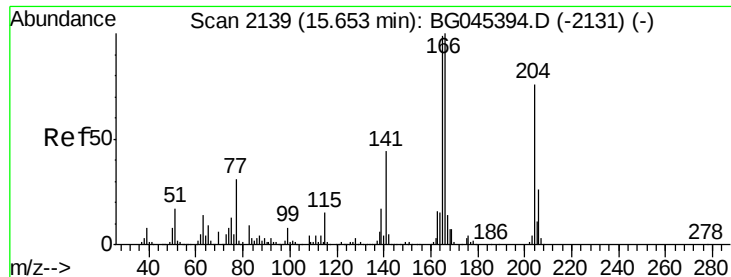


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

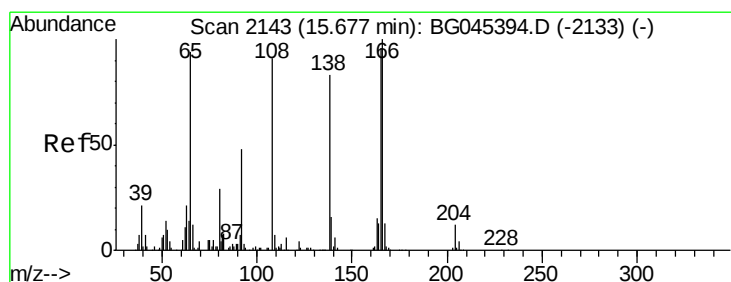
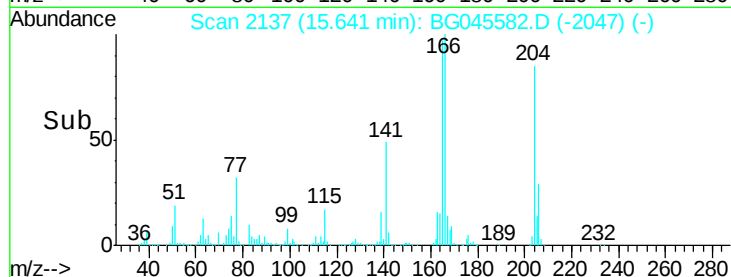
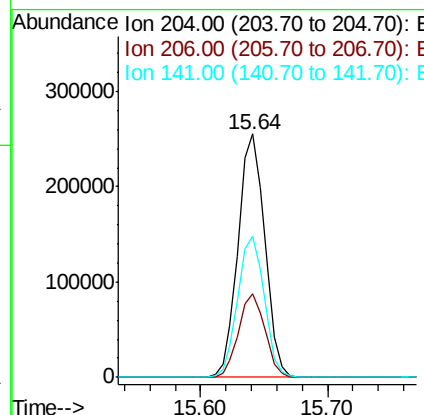
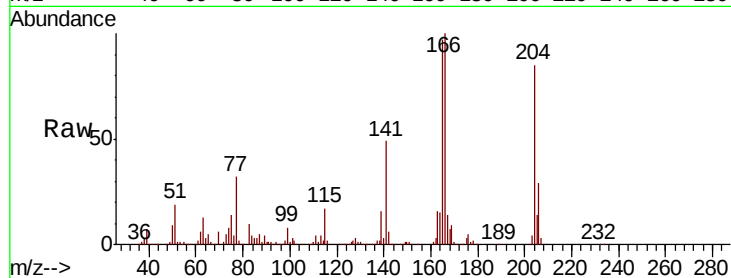




#61
4-Chlorophenyl-phenylether
Concen: 58.862 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

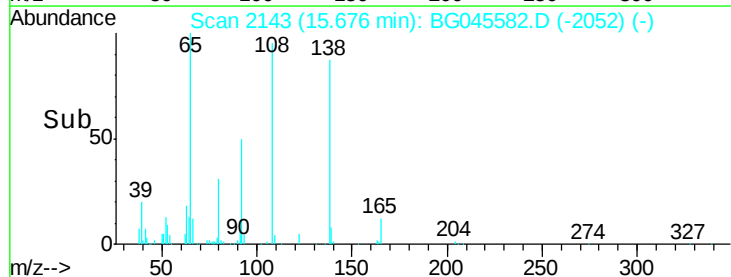
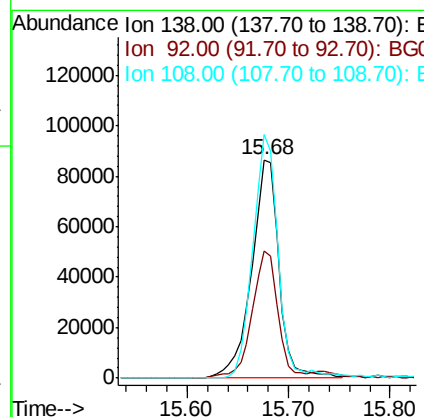
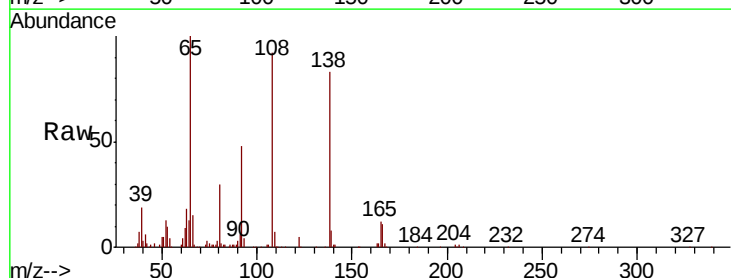
Instrument :
BNA_G
ClientSampleId :

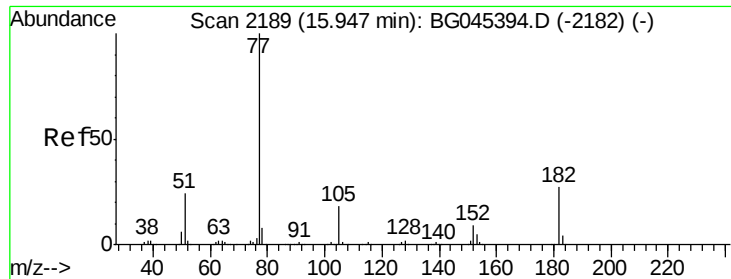
Tot Ion:204 Resp: 370183
Ion Ratio Lower Upper
204 100
206 34.1 27.3 40.9
141 57.8 45.9 68.9



#62
4-Nitroaniline
Concen: 58.681 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:138 Resp: 161864
Ion Ratio Lower Upper
138 100
92 58.2 38.0 78.0
108 111.5 89.3 129.3

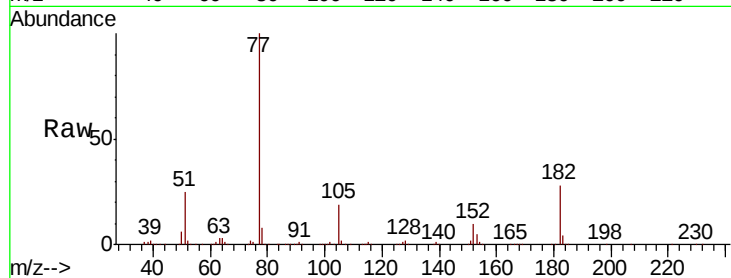




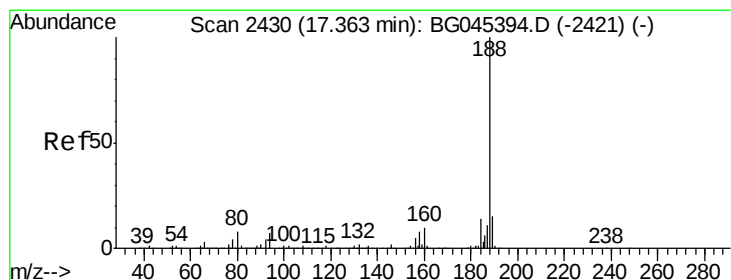
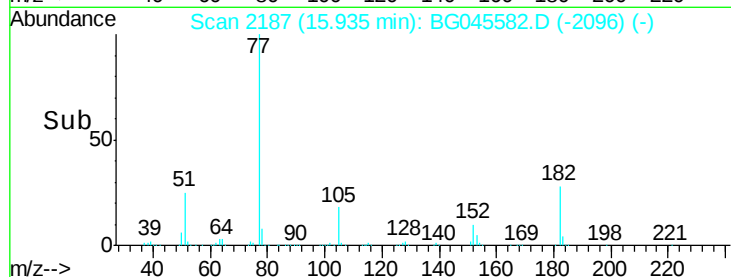
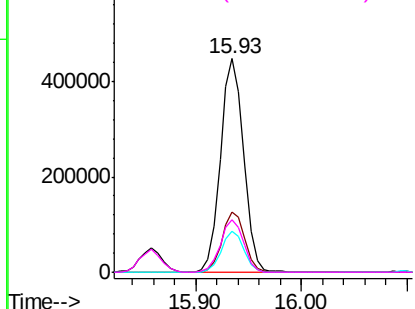
#63
Azobenzene
Concen: 60.764 ng
RT: 15.93 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	679297
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.5	46.5
105	19.1	0.0	37.9
51	24.8	4.1	44.1

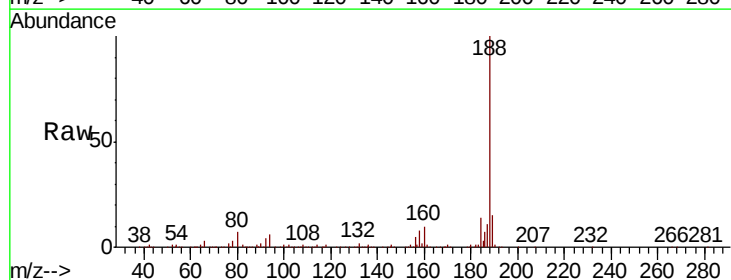


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

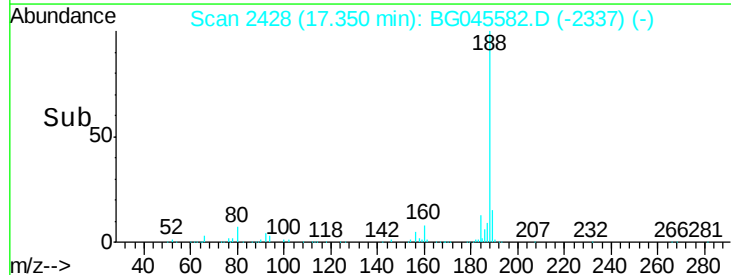
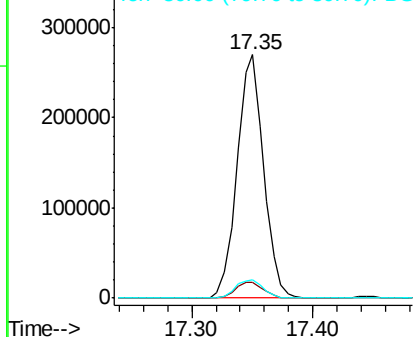


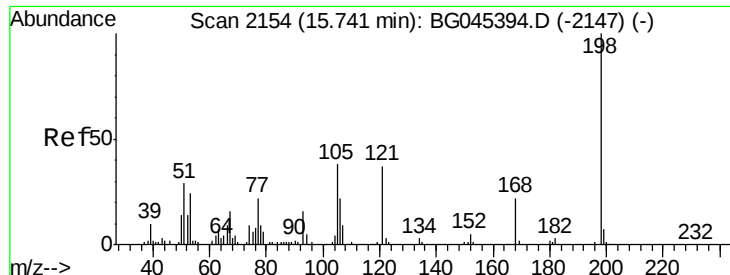
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:	188	Resp:	413661
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.5	8.3
80	7.4	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

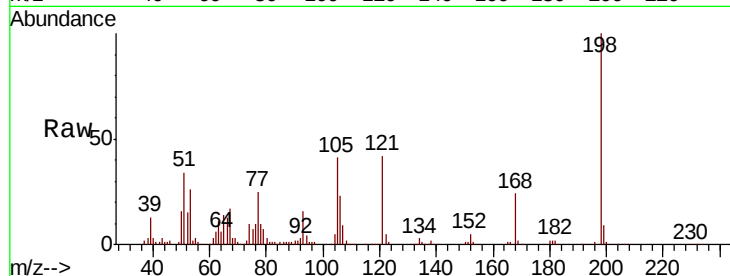




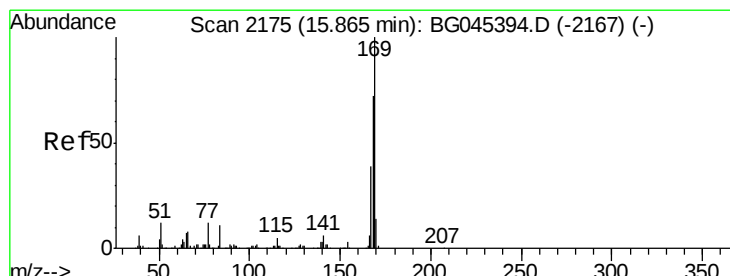
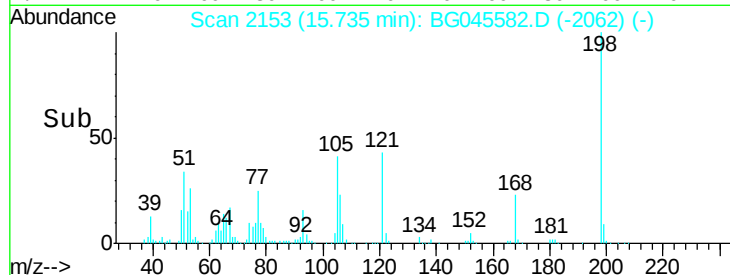
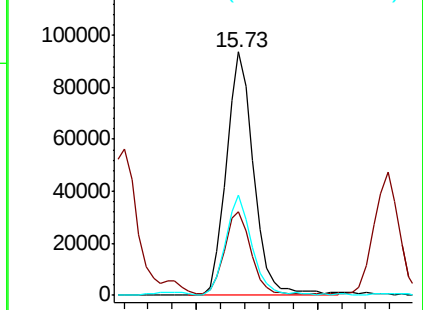
#65
 4,6-Dinitro-2-methylphenol
 Concen: 61.219 ng
 RT: 15.73 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 147485
 Ion Ratio Lower Upper
 198 100
 51 34.5 10.0 50.0
 105 41.2 18.9 58.9

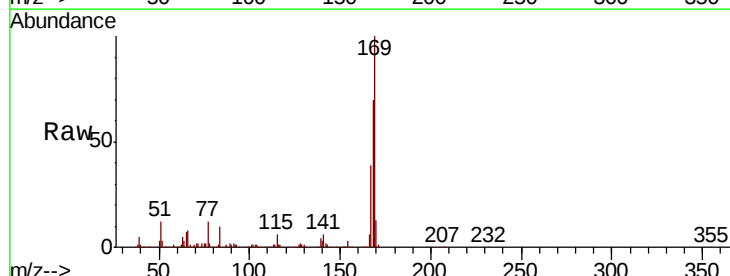


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

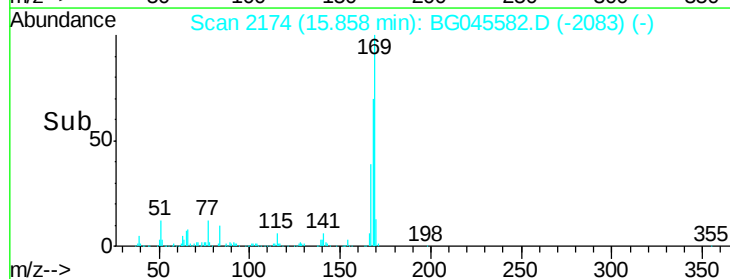
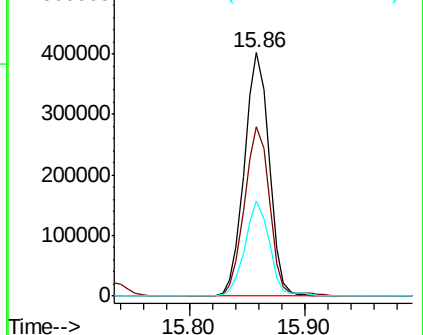


#66
 n-Nitrosodiphenylamine
 Concen: 60.468 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion:169 Resp: 600563
 Ion Ratio Lower Upper
 169 100
 168 69.7 57.8 86.6
 167 38.9 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

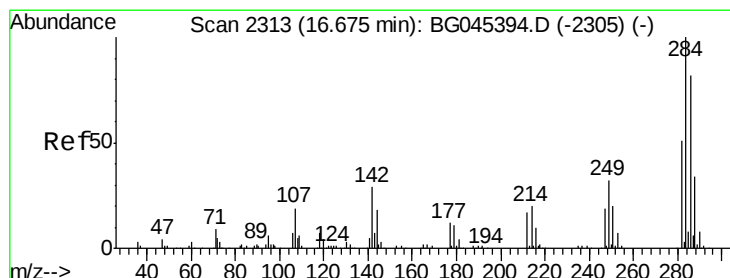
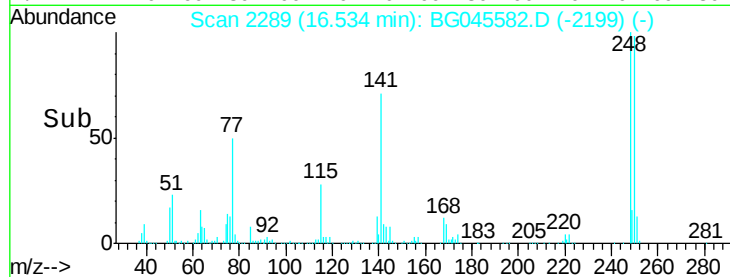
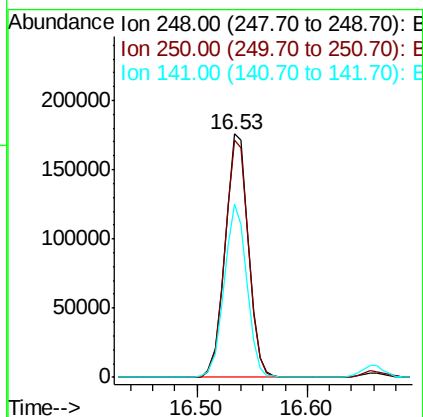
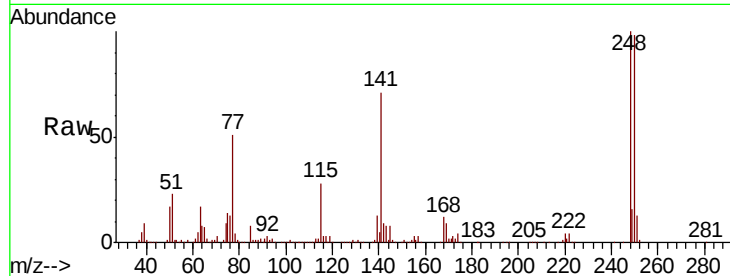




#67
4-Bromophenyl-phenylether
Concen: 57.915 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

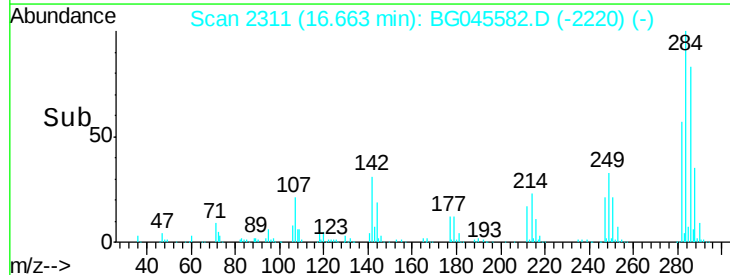
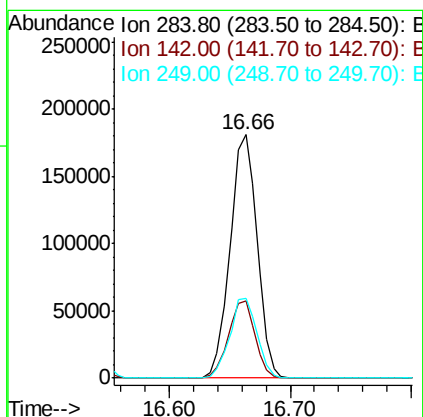
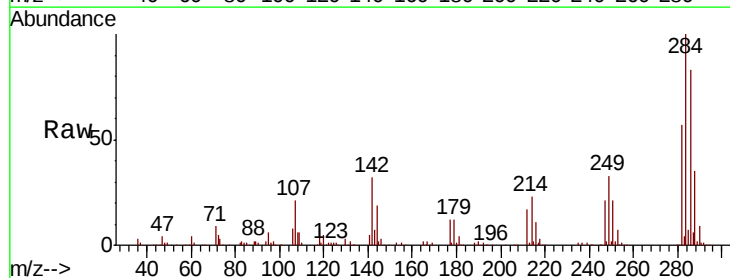
Instrument :
BNA_G
ClientSampleId :

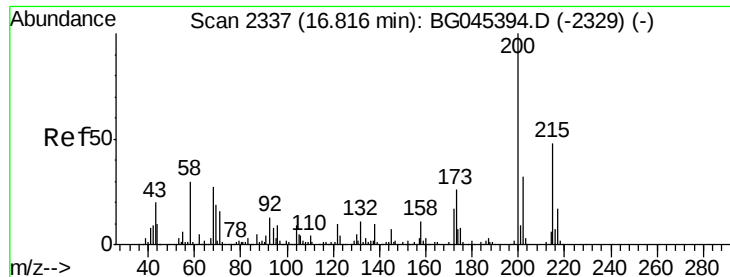
Tot Ion:248 Resp: 259419
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 71.3 58.2 87.2



#68
Hexachlorobenzene
Concen: 60.211 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:284 Resp: 282085
Ion Ratio Lower Upper
284 100
142 31.6 23.0 34.6
249 32.9 25.8 38.6





#69

Atrazine

Concen: 59.267 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampled :

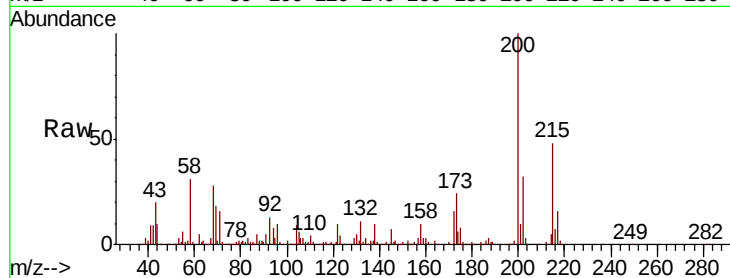
Tot Ion:200 Resp: 242452

Ion Ratio Lower Upper

200 100

173 24.0 5.5 45.5

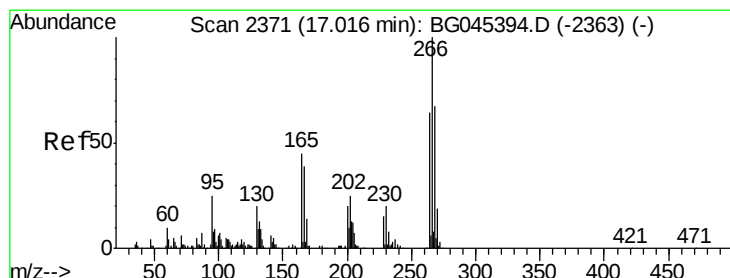
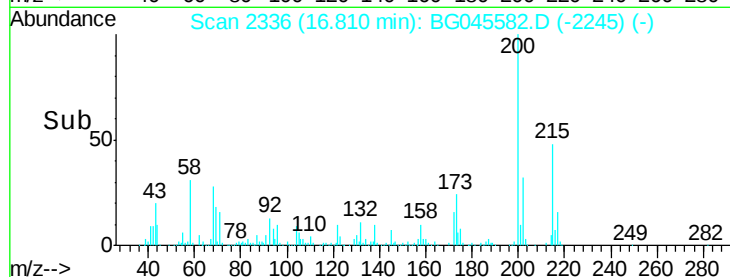
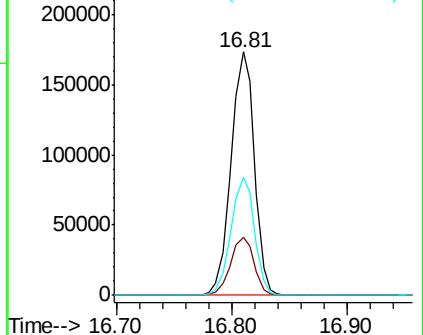
215 48.3 28.2 68.2



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: 125.912 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

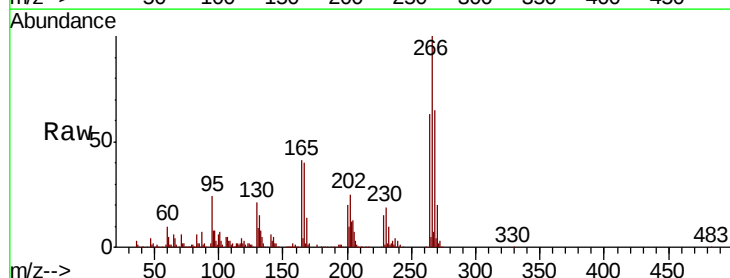
Tgt Ion:266 Resp: 306295

Ion Ratio Lower Upper

266 100

268 64.9 53.2 79.8

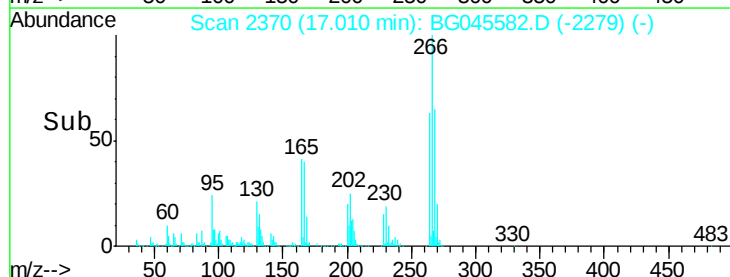
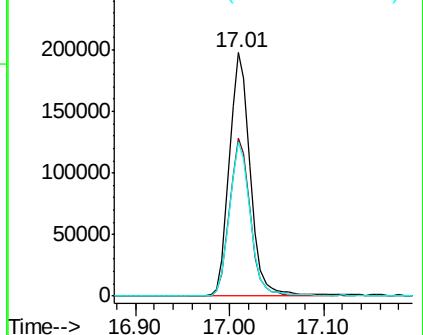
264 63.3 51.0 76.4

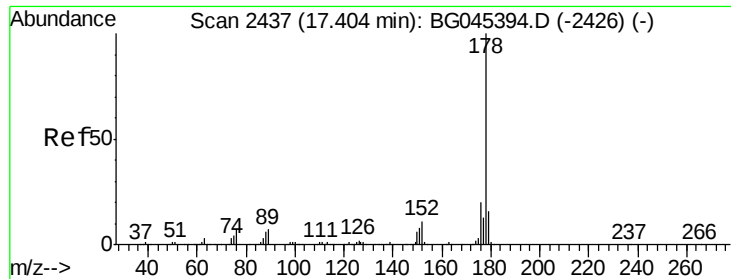


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

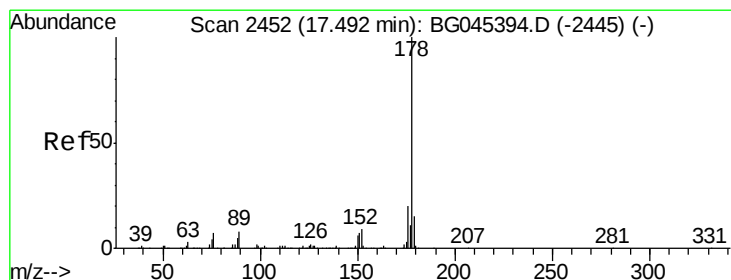
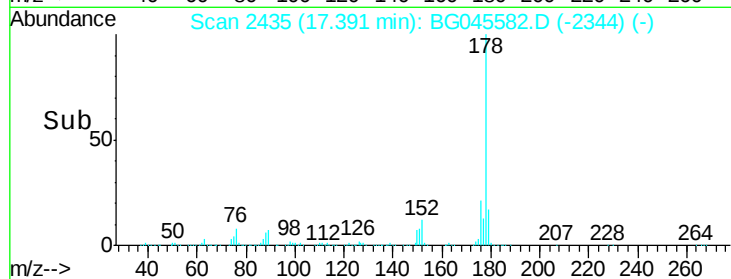
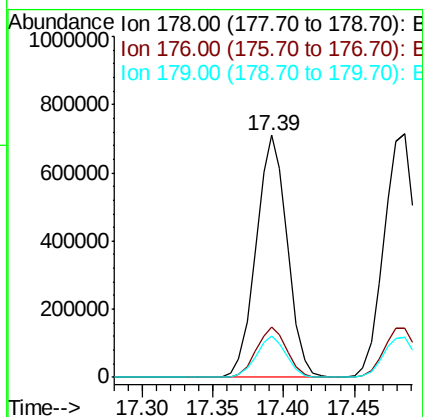
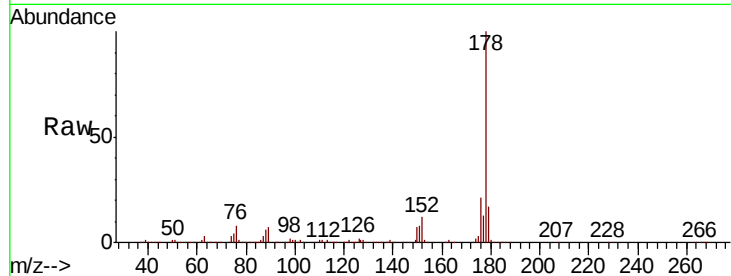




#71
Phenanthrene
Concen: 60.945 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

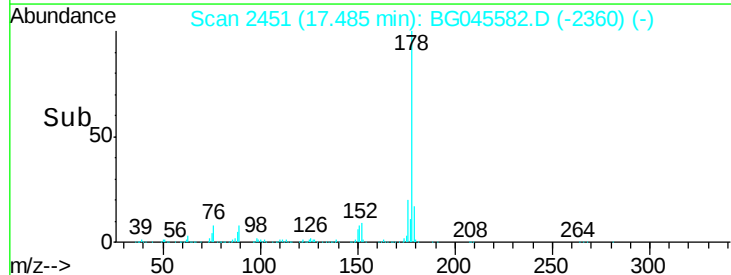
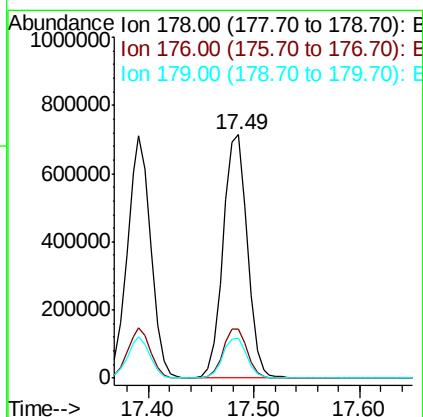
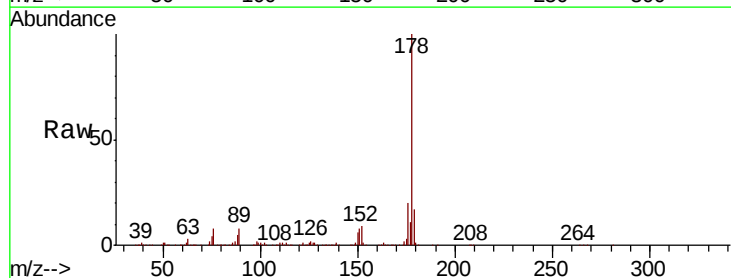
Instrument :
BNA_G
ClientSampled :

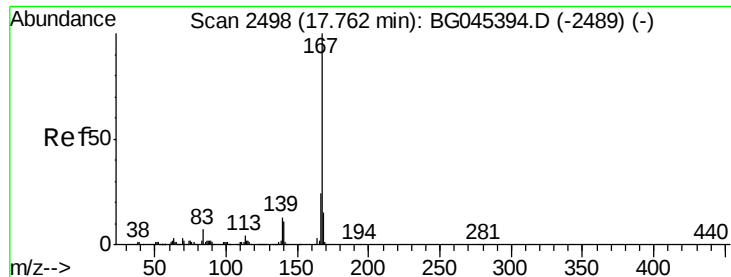
Tot Ion:178 Resp: 1100582
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.9 13.1 19.7



#72
Anthracene
Concen: 62.475 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:178 Resp: 1132984
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.7 12.2 18.4

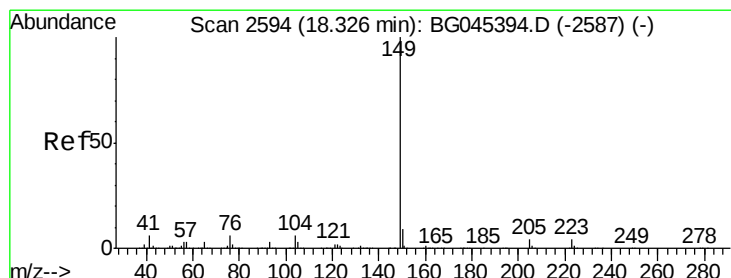
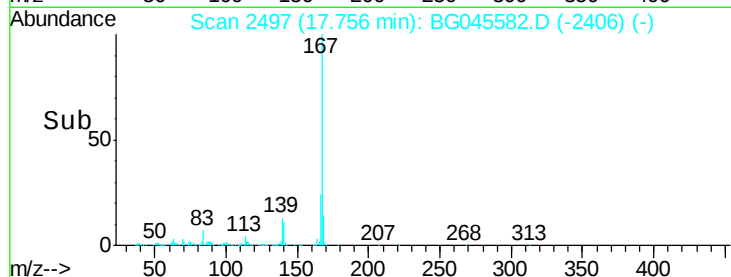
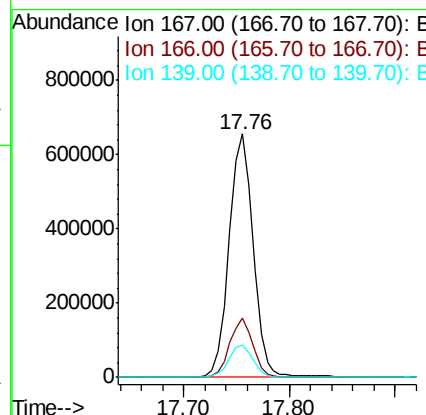
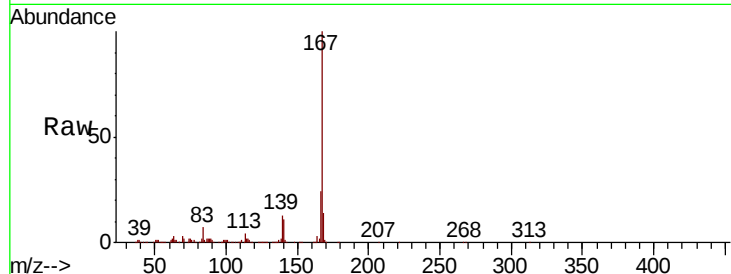




#73
 Carbazole
 Concen: 58.771 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

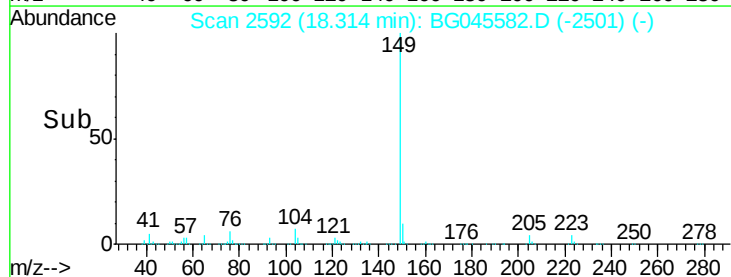
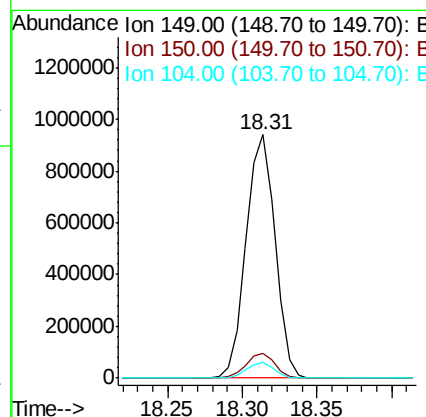
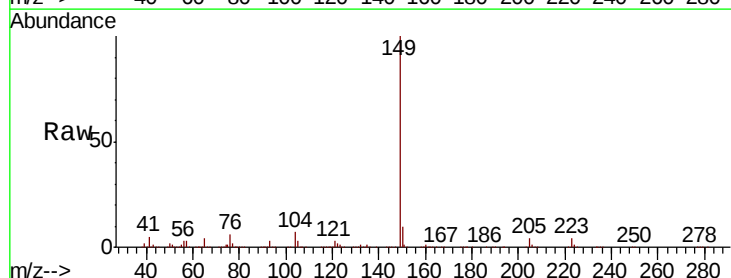
Instrument :
 BNA_G
 ClientSampleId :

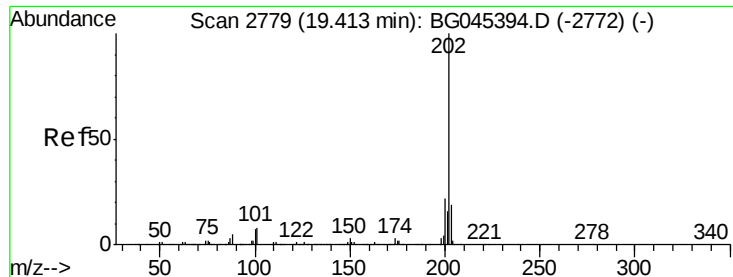
Tot Ion:167 Resp: 1038906
 Ion Ratio Lower Upper
 167 100
 166 24.5 19.2 28.8
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 59.499 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion:149 Resp: 1262404
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.6 11.4
 104 6.6 5.0 7.4





#75

Fluoranthene

Concen: 60.057 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

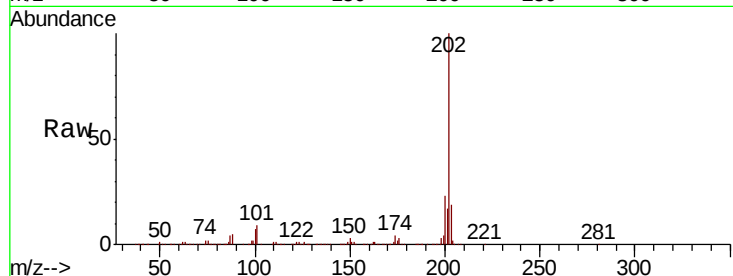
Tot Ion:202 Resp: 1379476

Ion Ratio Lower Upper

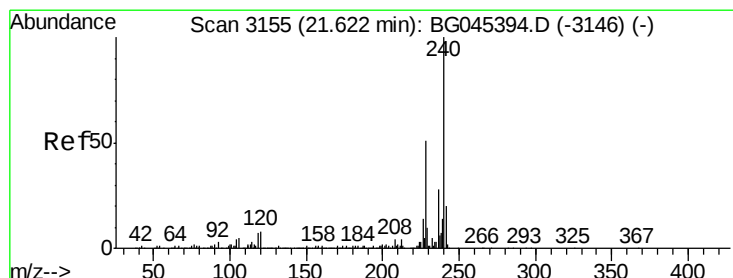
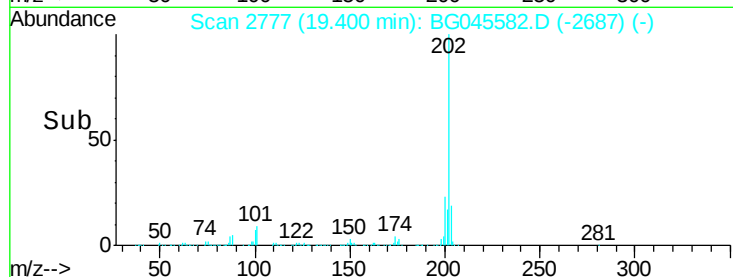
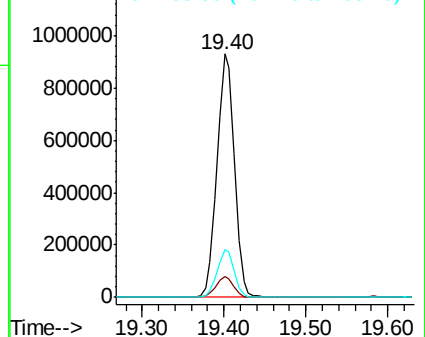
202 100

101 8.8 0.0 28.3

203 19.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

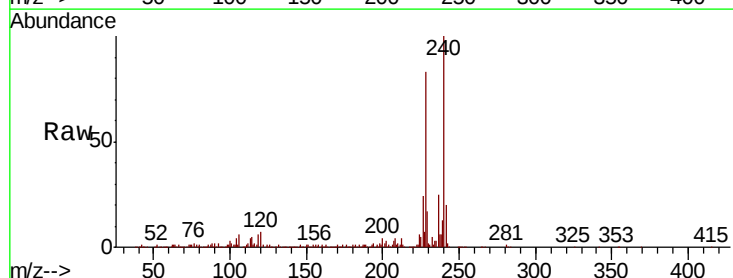
Tgt Ion:240 Resp: 385415

Ion Ratio Lower Upper

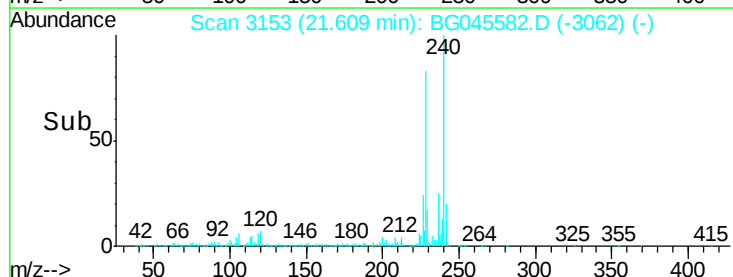
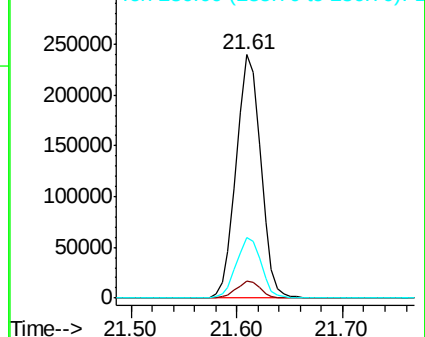
240 100

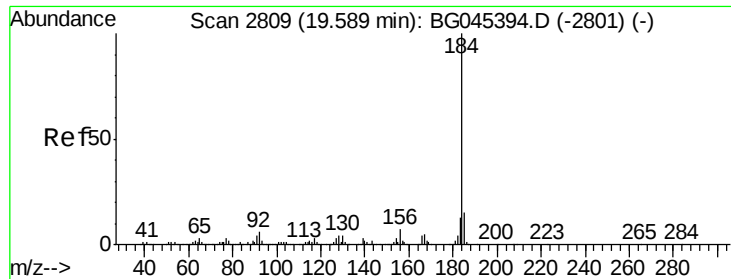
120 6.9 6.1 9.1

236 25.1 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: 62.999 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

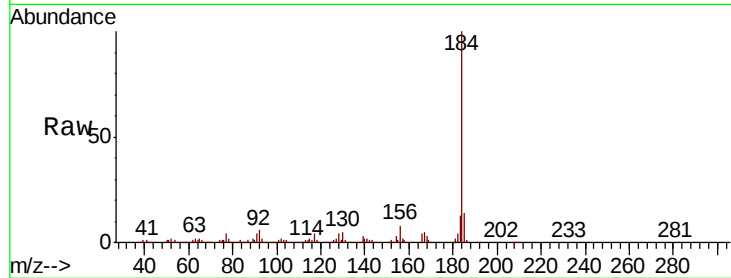
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 681933

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	12.9	10.2	15.4

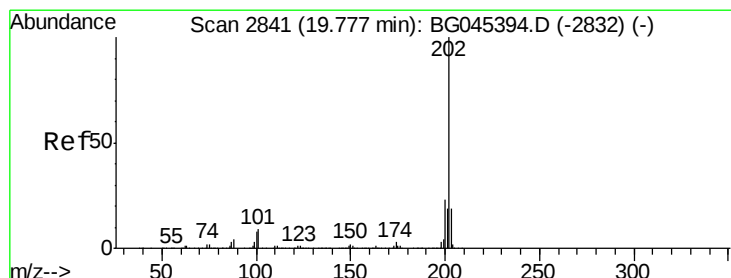
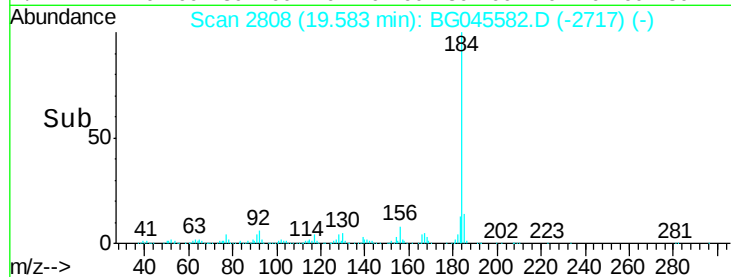
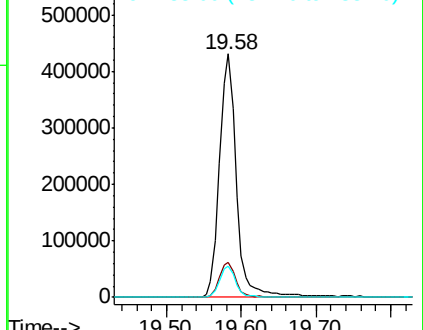


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 61.969 ng

RT: 19.76 min Scan# 2839

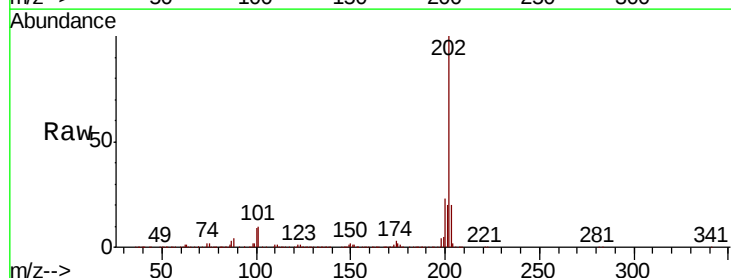
Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:202 Resp: 1361480

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	19.8	15.1	22.7

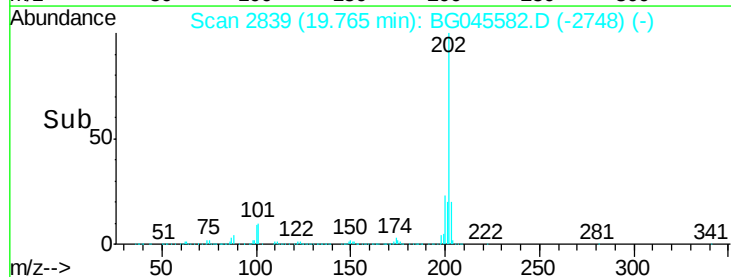
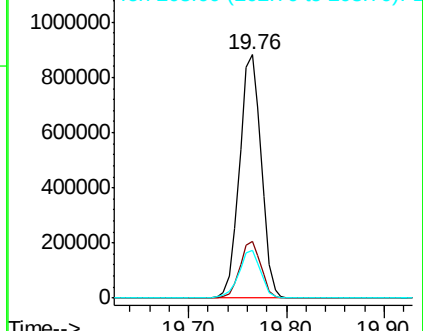


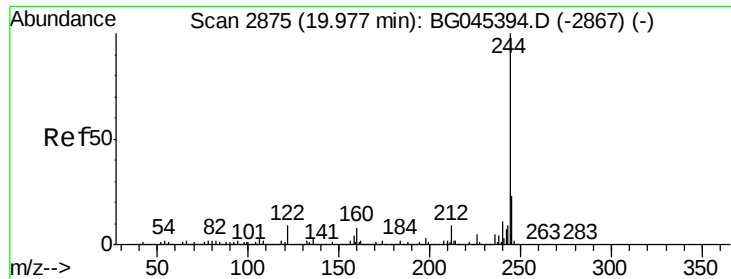
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 123.965 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

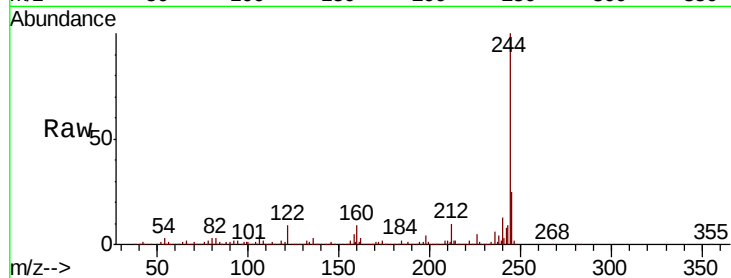
Tot Ion:244 Resp: 2048530

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

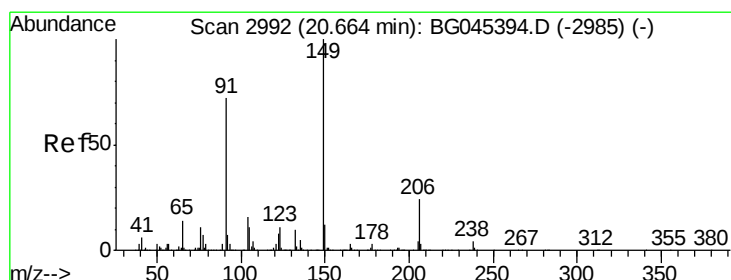
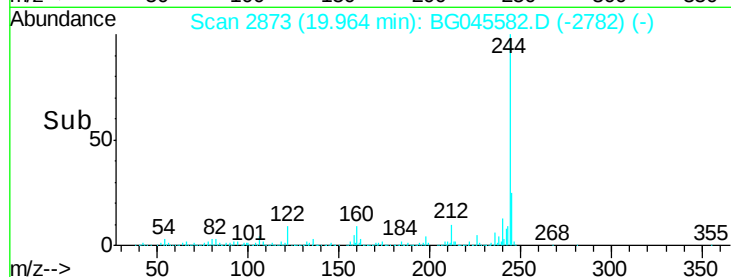
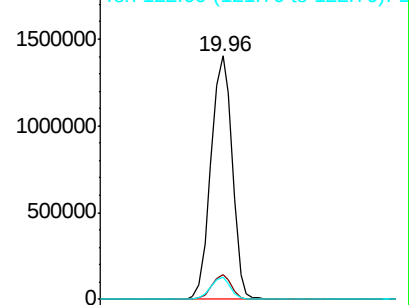
122 9.1 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 59.826 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

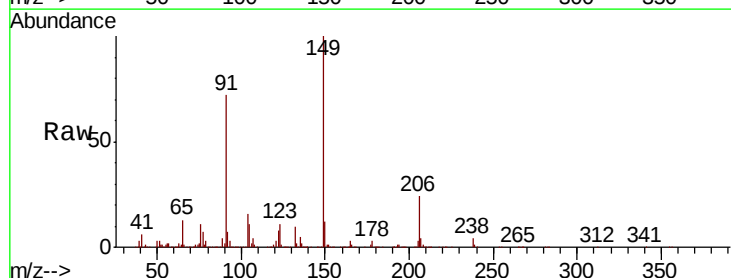
Tgt Ion:149 Resp: 567337

Ion Ratio Lower Upper

149 100

91 72.3 57.8 86.6

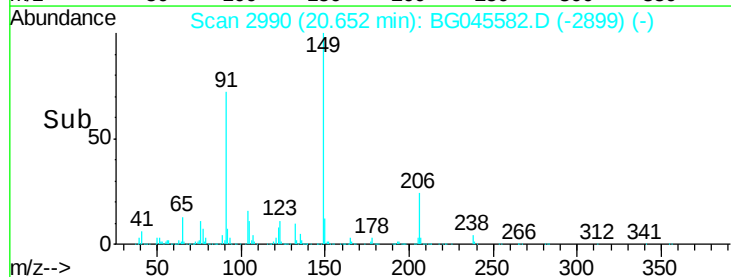
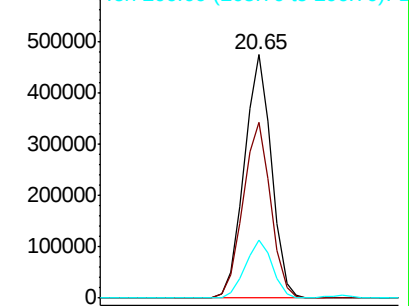
206 23.6 19.1 28.7

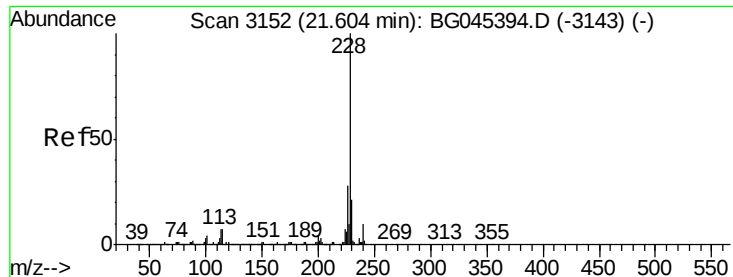


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

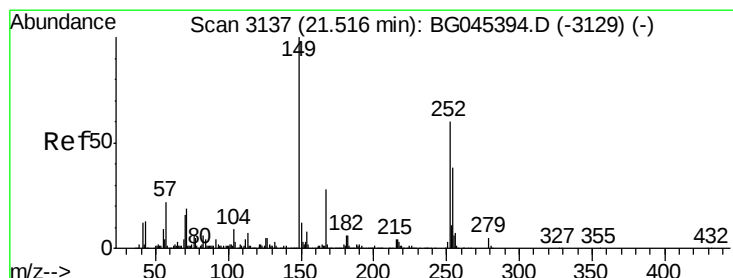
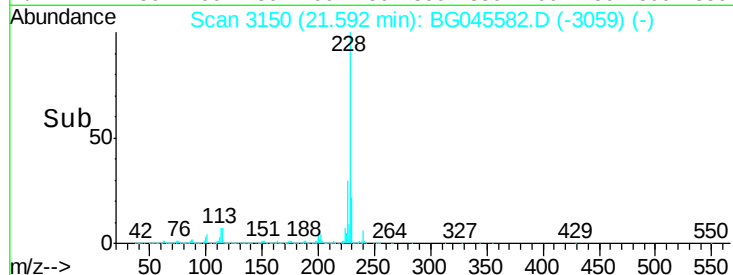
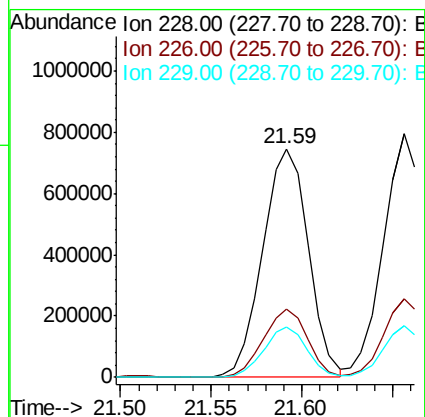
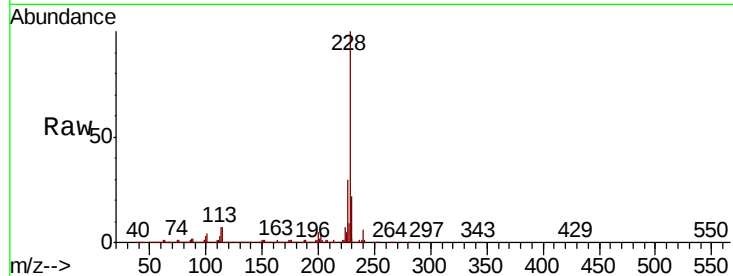




#81
Benzo(a)anthracene
Concen: 60.806 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

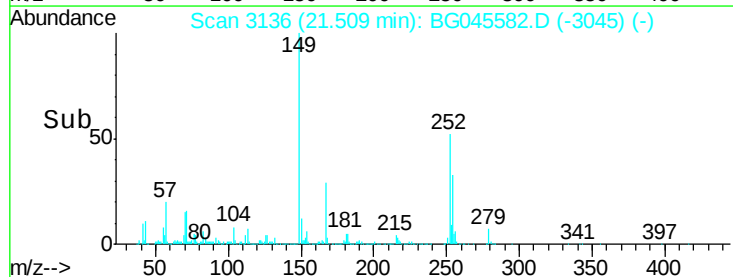
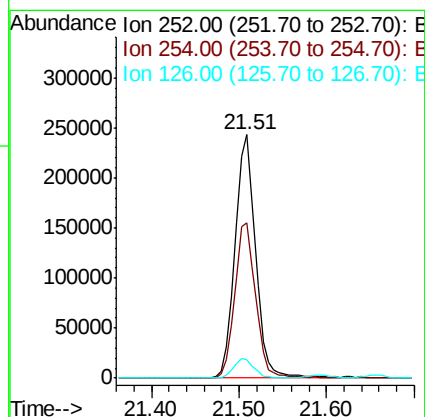
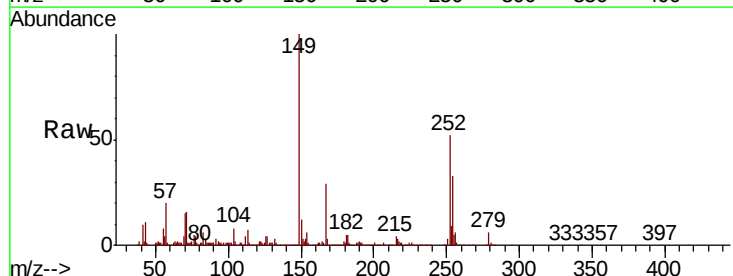
Instrument :
BNA_G
ClientSampleId :

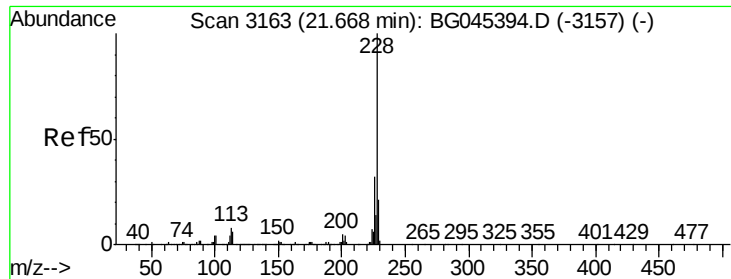
Tot Ion:228 Resp: 1305513
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 21.8 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 46.092 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:252 Resp: 388183
Ion Ratio Lower Upper
252 100
254 63.6 51.3 76.9
126 7.6 6.6 10.0



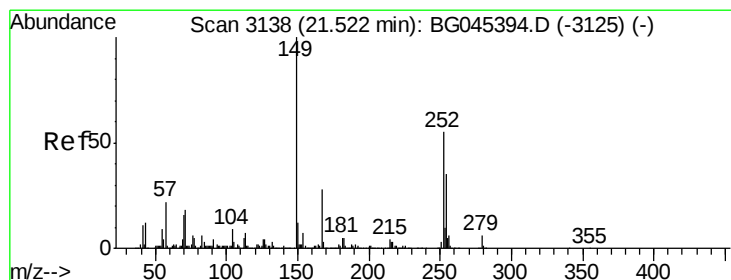
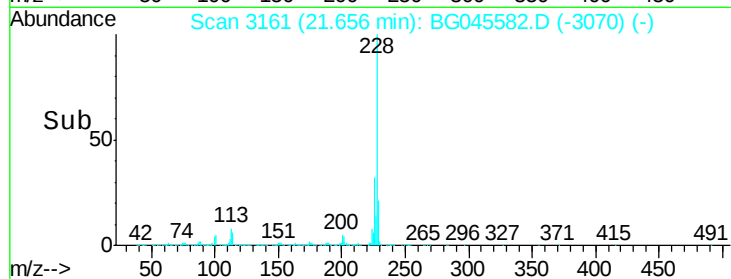
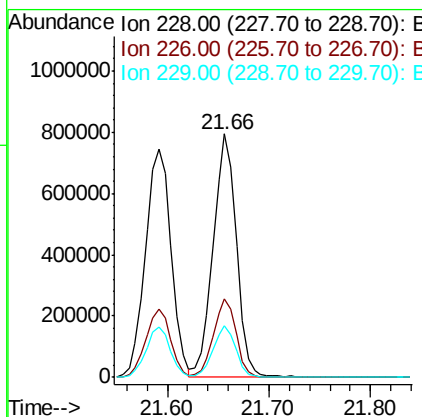
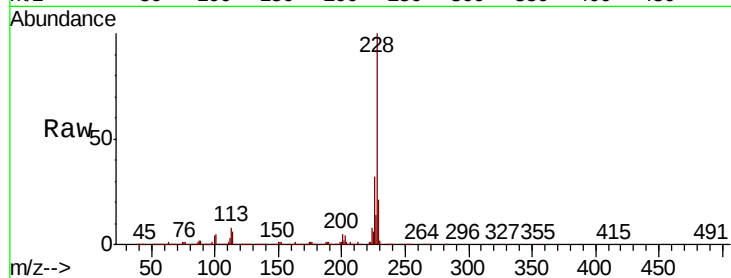


#83
 Chrvsene
 Concen: 61.065 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1260651

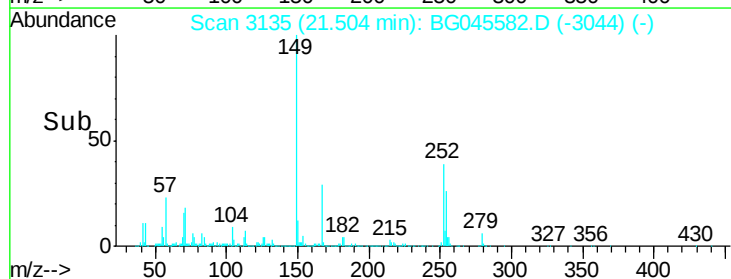
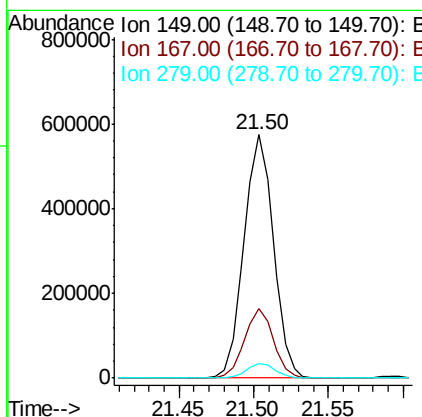
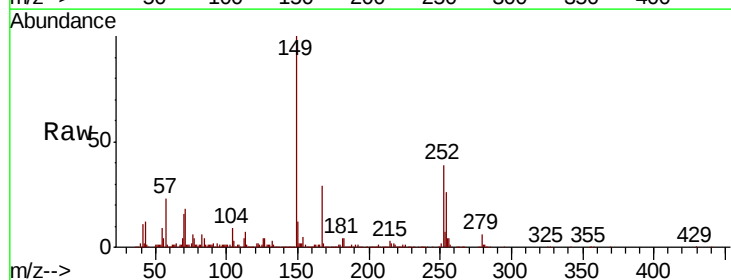
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.2	37.8
229	21.3	16.7	25.1

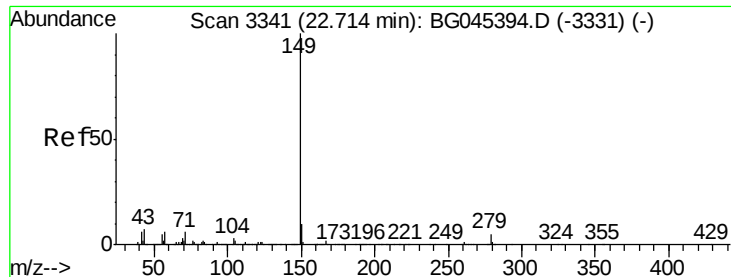


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.192 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion:149 Resp: 784645

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.2
279	5.7	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 59.237 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampled :

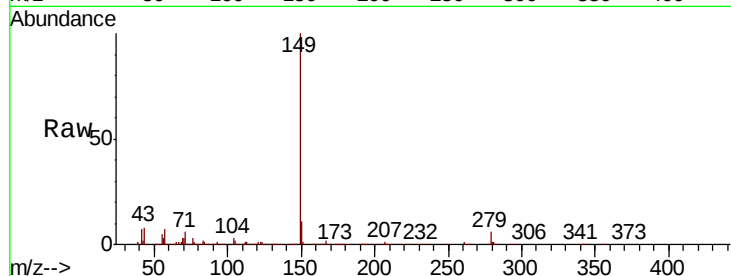
Tot Ion:149 Resp: 1326262

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

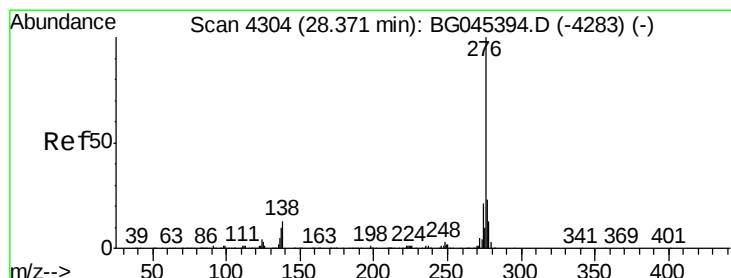
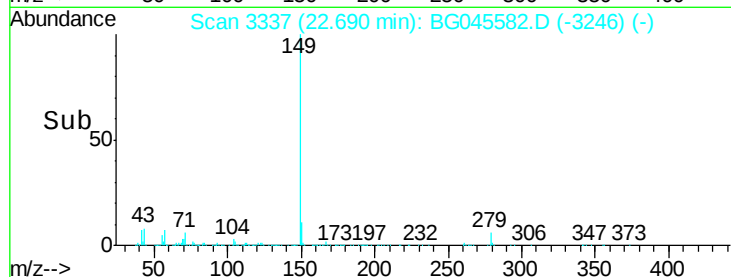
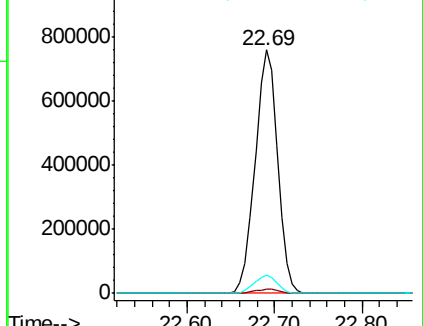
43 7.4 5.8 8.8



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: 60.507 ng

RT: 28.34 min Scan# 4299

Delta R.T. 0.02 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

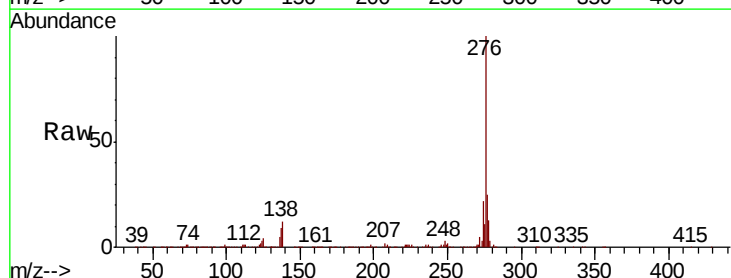
Tgt Ion:276 Resp: 1633468

Ion Ratio Lower Upper

276 100

138 6.2 8.6 12.8#

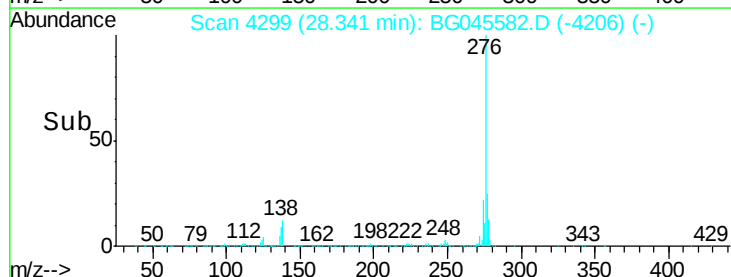
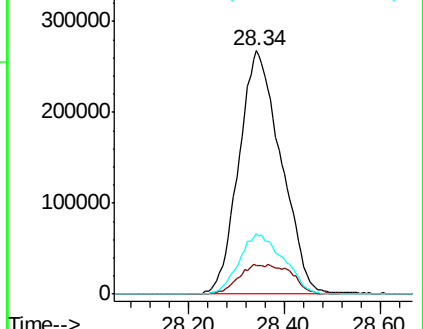
277 25.9 20.2 30.4

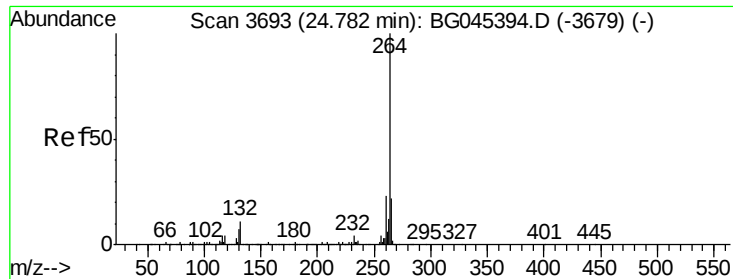


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG045582.D

Acq: 3 Jun 2020 15:39

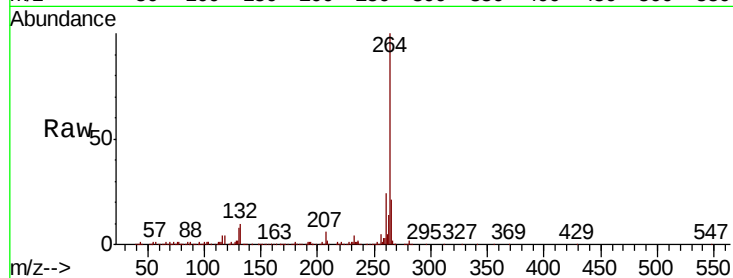
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 423618

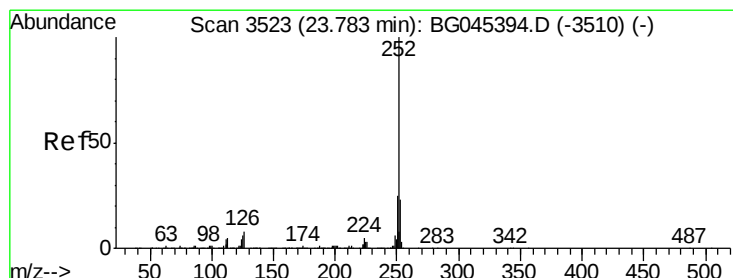
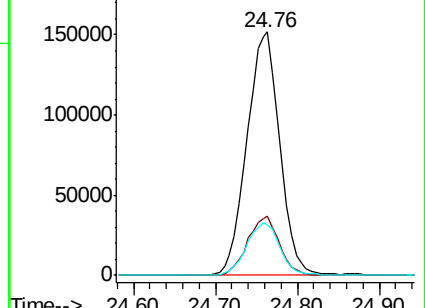
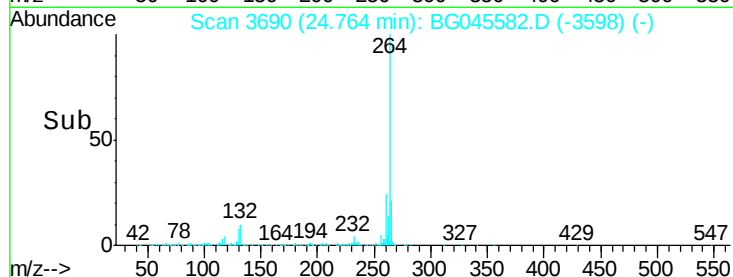
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.9	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 61.776 ng

RT: 23.77 min Scan# 3521

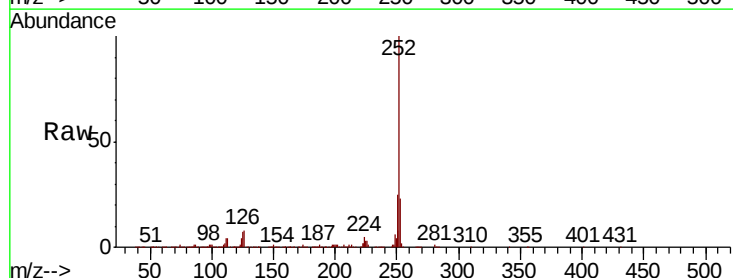
Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:252 Resp: 1403499

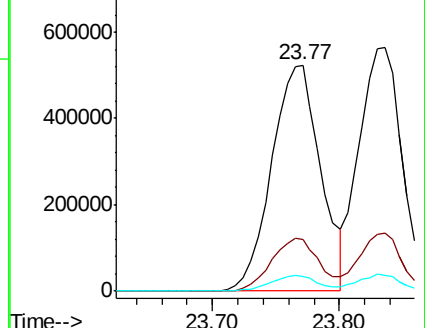
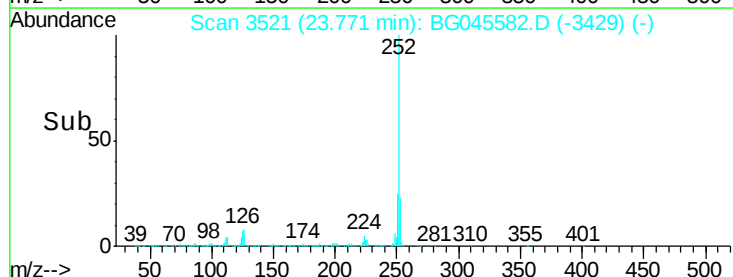
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	6.6	5.0	7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 62.375 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

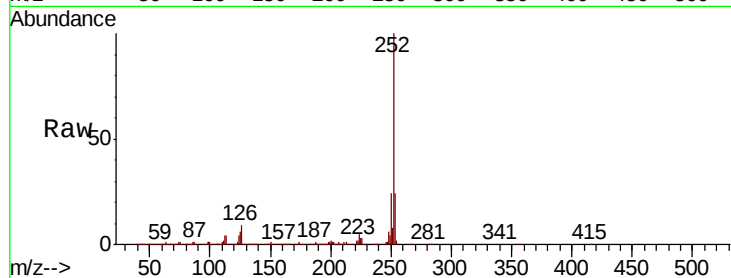
Tot Ion:252 Resp: 1331344

Ion Ratio Lower Upper

252 100

253 23.6 18.4 27.6

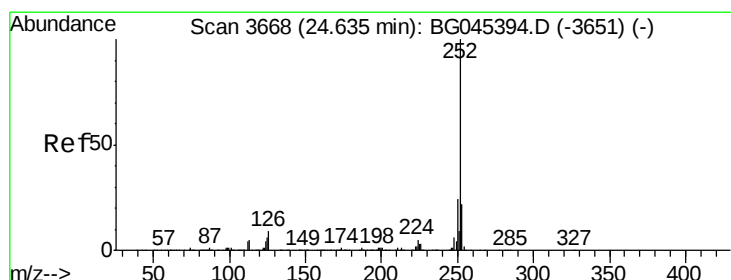
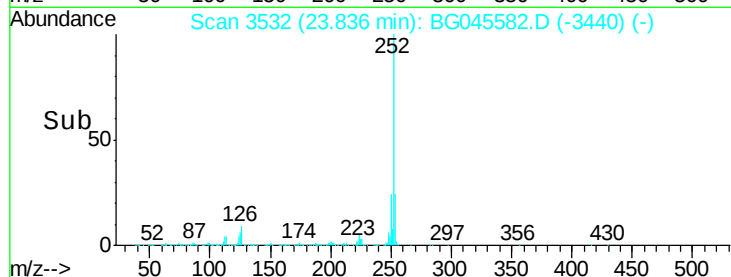
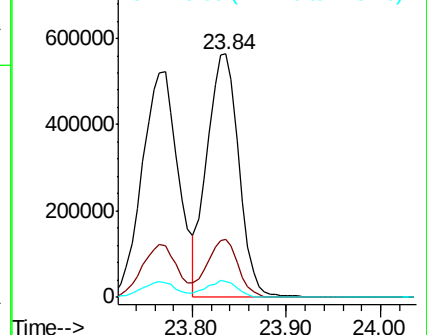
125 6.5 5.7 8.5



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: 60.494 ng

RT: 24.62 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

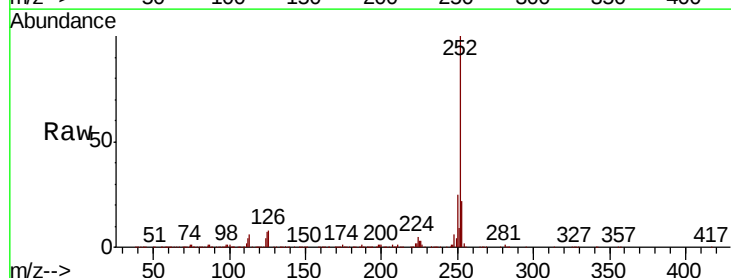
Tgt Ion:252 Resp: 1279990

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

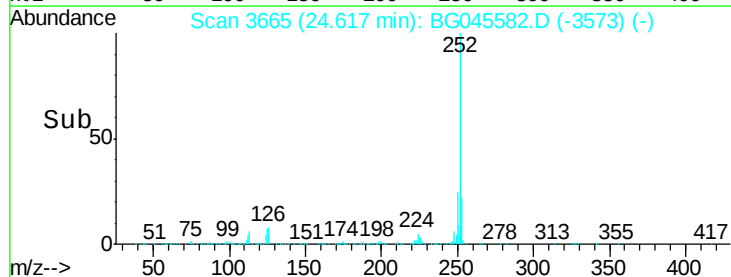
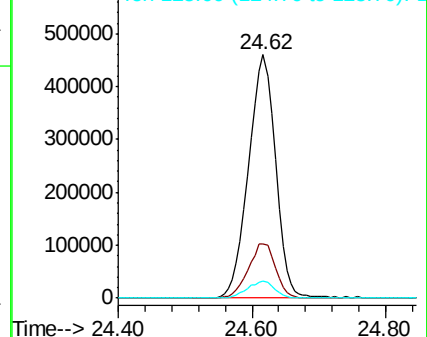
125 6.9 5.0 7.6

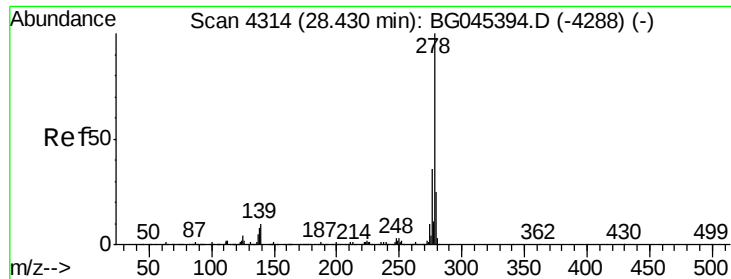


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

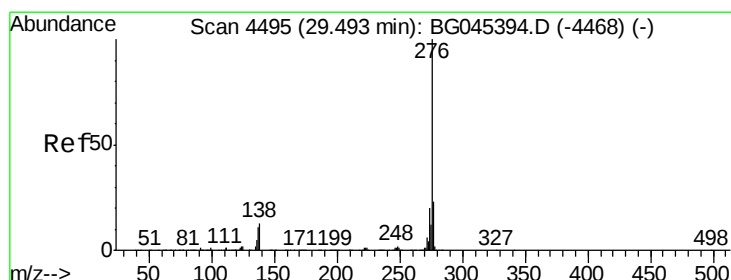
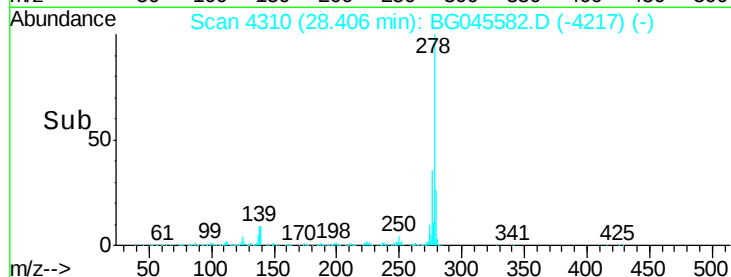
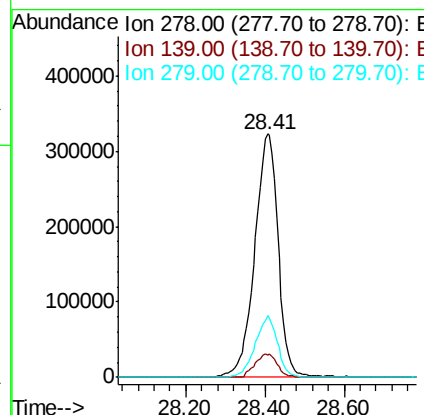
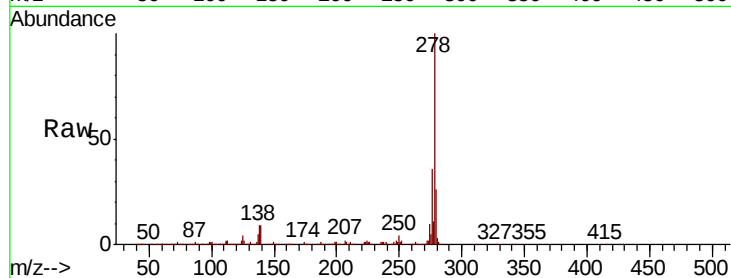




#91
Dibenzo(a,h)anthracene
Concen: 62.574 ng
RT: 28.41 min Scan# 4310
Delta R.T. 0.02 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1330495
Ion Ratio Lower Upper
278 100
139 9.4 7.8 11.8
279 25.6 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 63.968 ng
RT: 29.46 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:276 Resp: 1360300
Ion Ratio Lower Upper
276 100
277 24.9 18.1 27.1
138 13.3 10.2 15.4

