

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045428.D
 Acq On : 19 May 2020 17:25
 Operator : CG/JU
 Sample : L2182-07
 Misc : WATER - LOD - 5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 20 01:08:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	92765	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	383540	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	272104	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	632625	20.00	ng	0.00
76) Chrysene-d12	21.62	240	653057	20.00	ng	0.00
87) Perylene-d12	24.76	264	684405	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	580706	122.34	ng	0.00
7) Phenol-d6	7.19	99	827088	122.42	ng	0.00
23) Nitrobenzene-d5	9.13	82	564850	80.31	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	433407	124.55	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1313680	81.89	ng	0.00
79) Terphenyl-d14	19.97	244	2345160	83.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	9475	4.025	ng	92
3) Pyridine	3.83	79	18088	2.759	ng	# 89
4) n-Nitrosodimethylamine	3.75	42	5823	2.714	ng	# 74
6) Aniline	7.29	93	32561	3.692	ng	# 95
8) 2-Chlorophenol	7.55	128	20206	3.882	ng	89
9) Benzaldehyde	7.10	77	19225	4.368	ng	92
10) Phenol	7.22	94	27309	3.922	ng	86
11) bis(2-Chloroethyl)ether	7.38	93	21327	3.927	ng	96
12) 1,3-Dichlorobenzene	7.86	146	23772	3.800	ng	93
13) 1,4-Dichlorobenzene	8.00	146	25076	4.062	ng	93
14) 1,2-Dichlorobenzene	8.32	146	23295	3.923	ng	91
15) Benzyl Alcohol	8.22	79	18367	3.291	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	20579	3.992	ng	100
17) 2-Methylphenol	8.45	107	19731	3.786	ng	87
18) Hexachloroethane	9.05	117	8957	3.788	ng	# 77
19) n-Nitroso-di-n-propylamine	8.76	70	17151	3.671	ng	94
20) 3+4-Methylphenols	8.45	107	19731	2.780	ng	92
22) Acetophenone	8.79	105	32965	3.626	ng	# 93
24) Nitrobenzene	9.16	77	27919	3.705	ng	93
25) Isophorone	9.69	82	51601	3.725	ng	98
26) 2-Nitrophenol	9.88	139	11514	3.572	ng	92
27) 2,4-Dimethylphenol	9.98	122	19234	4.023	ng	87
28) bis(2-Chloroethoxy)methane	10.17	93	28380	3.907	ng	91
29) 2,4-Dichlorophenol	10.46	162	18823	3.334	ng	98
30) 1,2,4-Trichlorobenzene	10.64	180	24637	3.693	ng	95
31) Naphthalene	10.82	128	69438	3.885	ng	98
32) Benzoic acid	10.16	122	2023	0.705	ng	# 66
33) 4-Chloroaniline	10.95	127	26071	3.490	ng	# 90
34) Hexachlorobutadiene	11.11	225	16516	3.502	ng	90
35) Caprolactam	11.69	113	7708	3.720	ng	86
36) 4-Chloro-3-methylphenol	12.11	107	22634	3.558	ng	# 89
37) 2-Methylnaphthalene	12.43	142	51902	3.896	ng	92
38) 1-Methylnaphthalene	12.65	142	49576	3.940	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	29856	3.928	ng	99

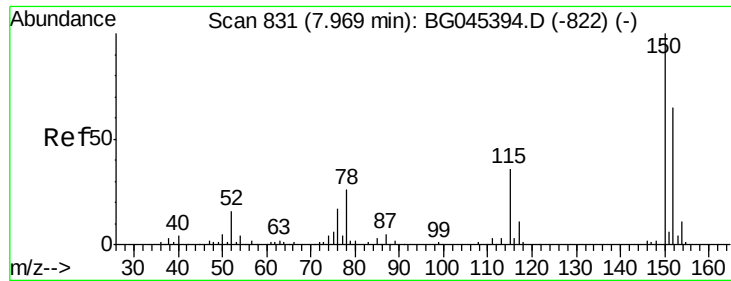
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045428.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	10374	2.365	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	18423	3.489	ng	93
44) 2,4,5-Trichlorophenol	13.15	196	20274	3.360	ng	97
46) 1,1'-Biphenyl	13.44	154	73092	4.372	ng	92
47) 2-Chloronaphthalene	13.48	162	50213	3.698	ng	99
48) 2-Nitroaniline	13.69	65	13768	3.083	ng	92
49) Acenaphthylene	14.33	152	87548	4.015	ng	96
50) Dimethylphthalate	14.06	163	73098	3.916	ng	100
51) 2,6-Dinitrotoluene	14.18	165	16064	3.814	ng	91
52) Acenaphthene	14.67	154	52058	3.566	ng	86
53) 3-Nitroaniline	14.53	138	13687	3.197	ng #	85
54) 2,4-Dinitrophenol	14.75	184	219	0.090	ng #	52
55) Dibenzofuran	15.01	168	86329	3.982	ng	99
56) 4-Nitrophenol	14.92	139	8459	2.609	ng #	84
57) 2,4-Dinitrotoluene	14.97	165	21074	3.455	ng #	95
58) Fluorene	15.65	166	73604	4.133	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.25	232	17740	3.342	ng #	97
60) Diethylphthalate	15.42	149	77038	3.965	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	39587	3.884	ng	94
62) 4-Nitroaniline	15.69	138	14254	3.189	ng	93
63) Azobenzene	15.94	77	70133	3.871	ng	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	8529	2.315	ng	87
66) n-Nitrosodiphenylamine	15.87	169	64801	4.266	ng	95
67) 4-Bromophenyl-phenylether	16.55	248	25585	3.735	ng	83
68) Hexachlorobenzene	16.67	284	30102	4.201	ng	95
69) Atrazine	16.82	200	24324	3.888	ng	91
70) Pentachlorophenol	17.03	266	2026	0.545	ng #	81
71) Phenanthrene	17.40	178	121383	4.395	ng	98
72) Anthracene	17.49	178	121038	4.364	ng	99
73) Carbazole	17.77	167	112168	4.149	ng	96
74) Di-n-butylphthalate	18.32	149	137296	4.231	ng #	97
75) Fluoranthene	19.41	202	154597	4.401	ng	99
77) Benzidine	19.60	184	50253	2.740	ng	98
78) Pyrene	19.77	202	162878	4.375	ng	97
80) Butylbenzylphthalate	20.66	149	62439	3.886	ng	99
81) Benzo(a)anthracene	21.59	228	156862	4.312	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	61008	4.275	ng	95
83) Chrysene	21.66	228	149973	4.287	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	90018	4.075	ng #	98
85) Di-n-octyl phthalate	22.70	149	153383	4.043	ng	98
86) Indeno(1,2,3-cd)pyrene	28.34	276	174196	3.808	ng #	71
88) Benzo(b)fluoranthene	23.77	252	153716	4.188	ng	99
89) Benzo(k)fluoranthene	23.77	252	153716	4.458	ng	100
90) Benzo(a)pyrene	24.62	252	141324	4.134	ng #	94
91) Dibenzo(a,h)anthracene	28.40	278	146001	4.250	ng	99
92) Benzo(g,h,i)perylene	29.45	276	146752	4.271	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

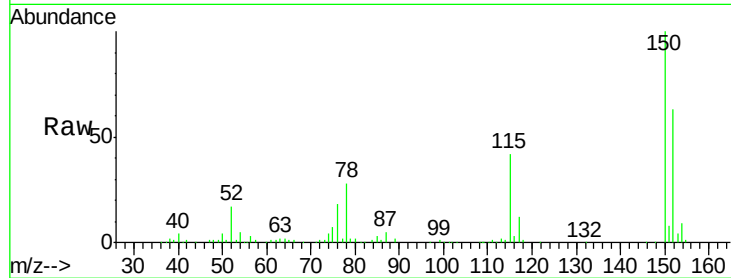
Tot Ion:152 Resp: 92765

Ion Ratio Lower Upper

152 100

150 159.2 122.4 183.6

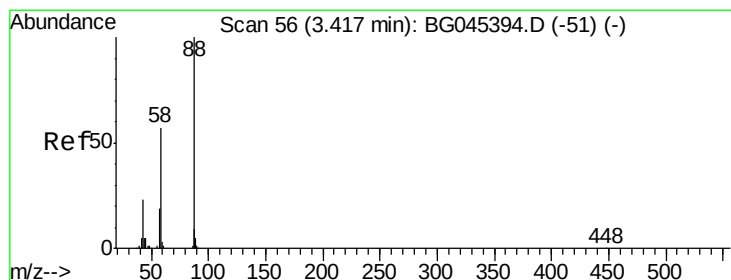
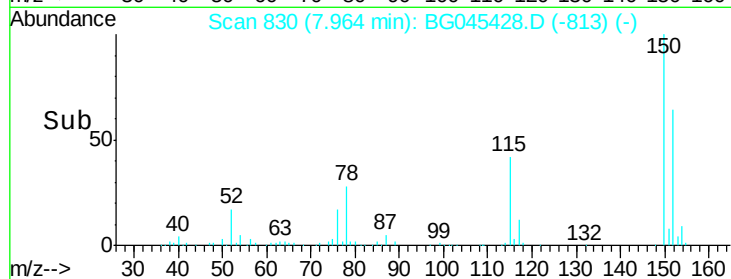
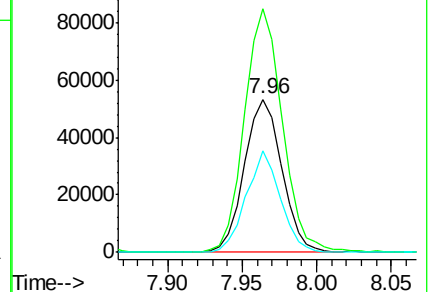
115 66.5 44.2 66.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.025 ng

RT: 3.42 min Scan# 56

Delta R.T. 0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

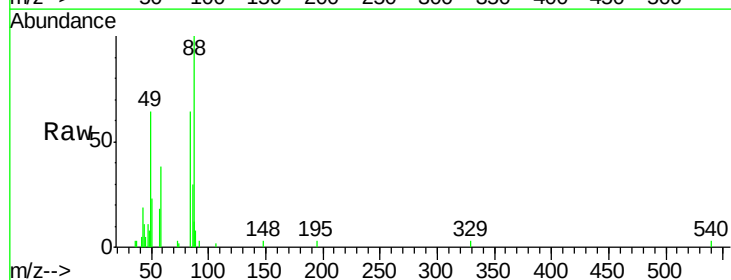
Tgt Ion: 88 Resp: 9475

Ion Ratio Lower Upper

88 100

58 50.7 45.7 68.5

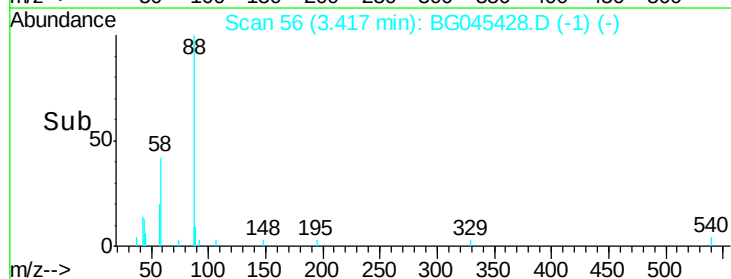
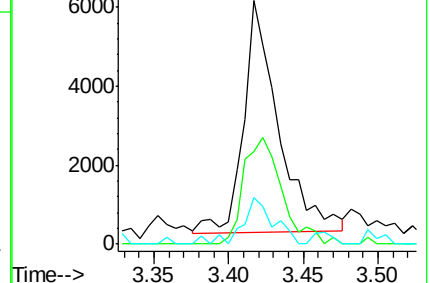
43 17.3 16.8 25.2

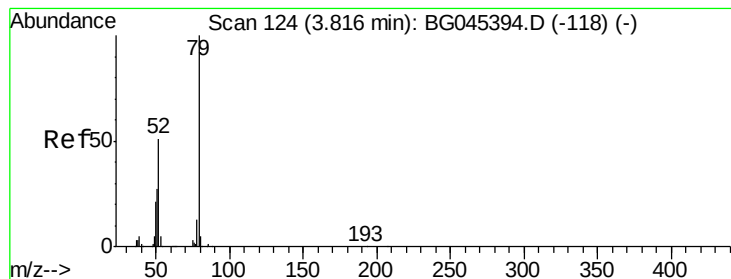


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 2.759 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.02 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

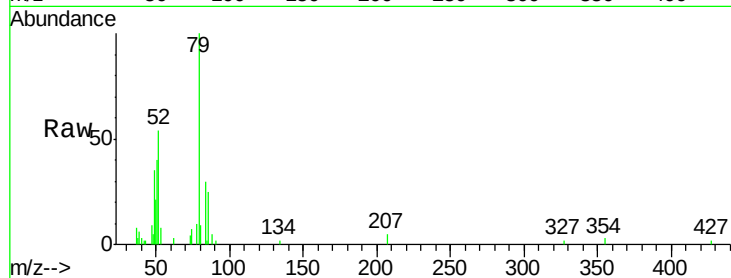
Tot Ion: 79 Resp: 18088

Ion Ratio Lower Upper

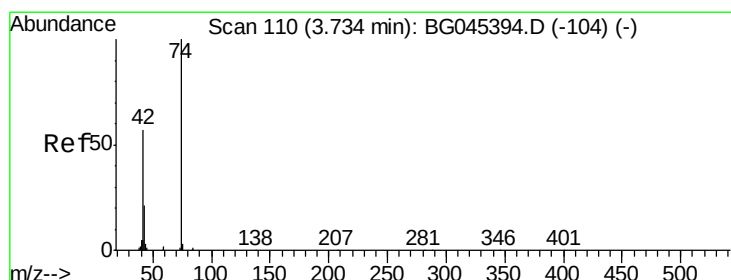
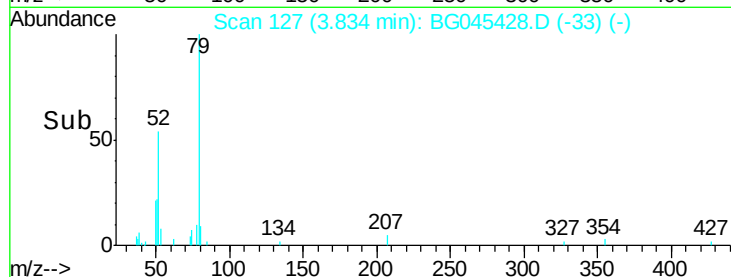
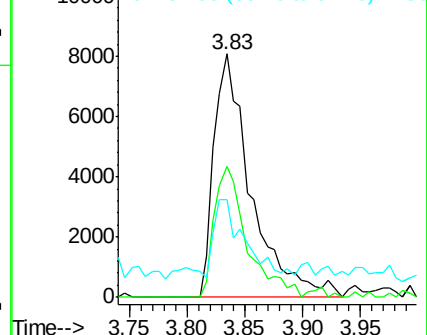
79 100

52 53.8 40.8 61.2

51 39.9 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: 2.714 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

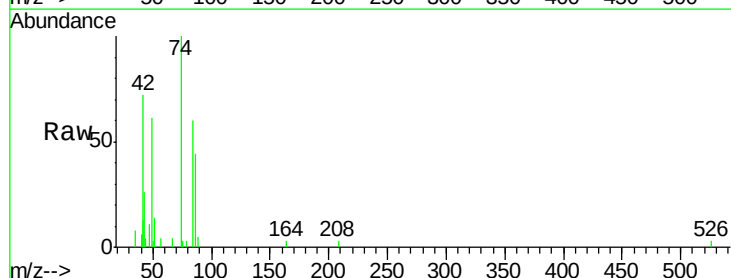
Tgt Ion: 42 Resp: 5823

Ion Ratio Lower Upper

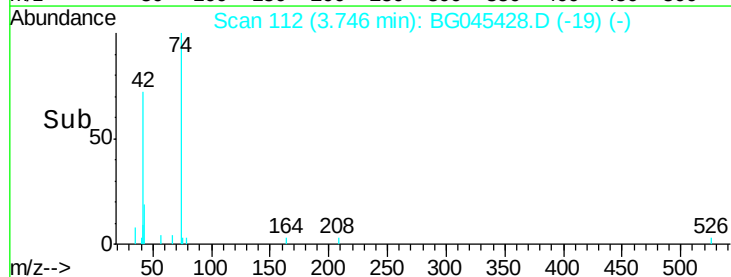
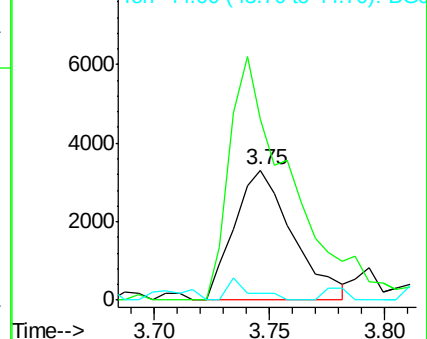
42 100

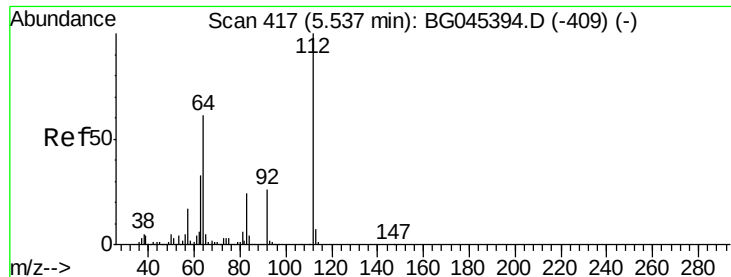
74 139.3 141.3 211.9#

44 4.9 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: 122.338 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

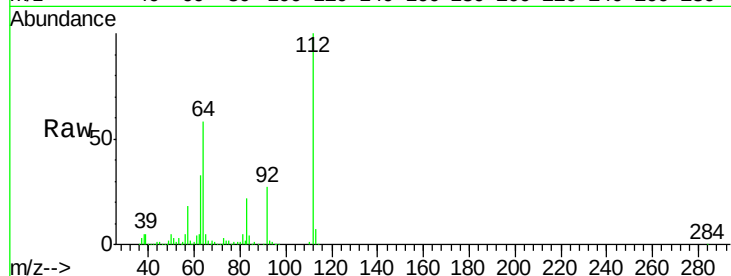
Tot Ion:112 Resp: 580706

Ion Ratio Lower Upper

112 100

64 57.8 48.6 72.8

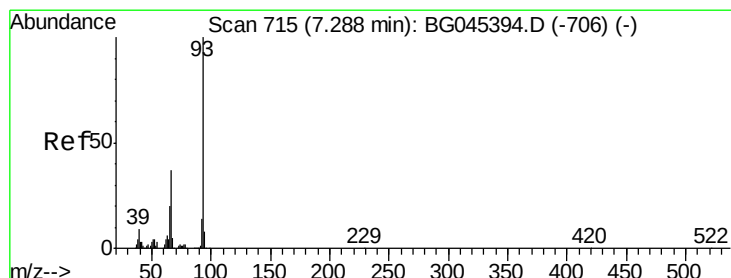
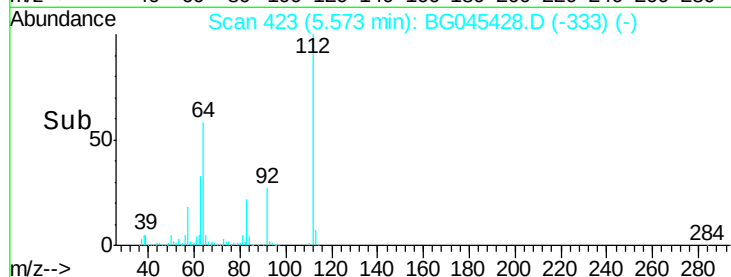
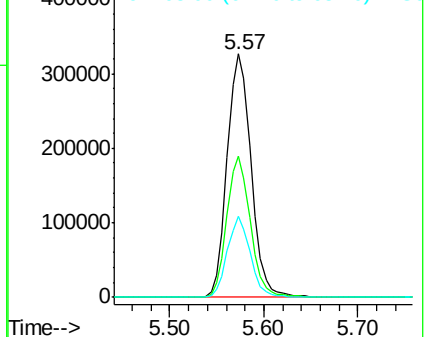
63 33.4 26.5 39.7



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: 3.692 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

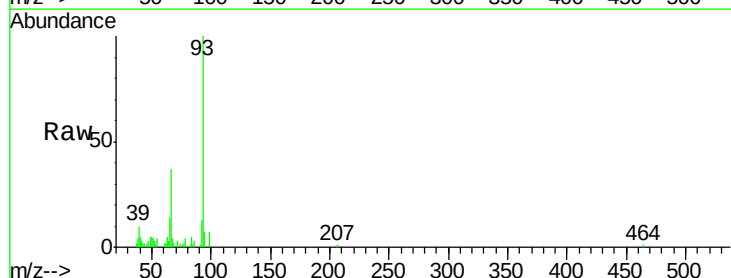
Tgt Ion: 93 Resp: 32561

Ion Ratio Lower Upper

93 100

66 37.3 29.6 44.4

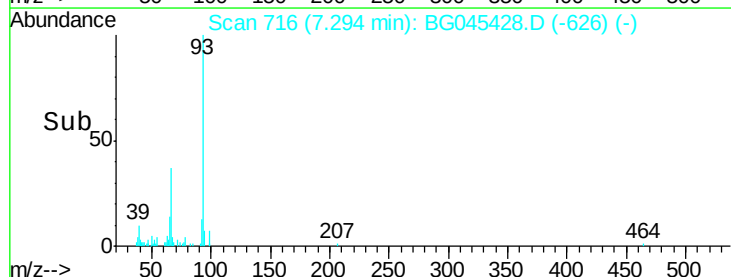
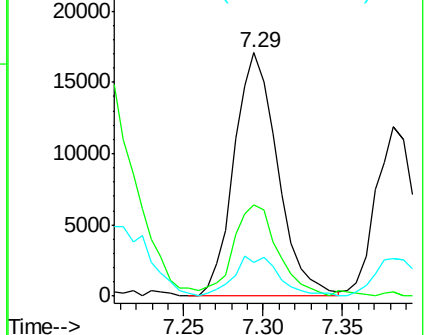
65 13.9 15.9 23.9#

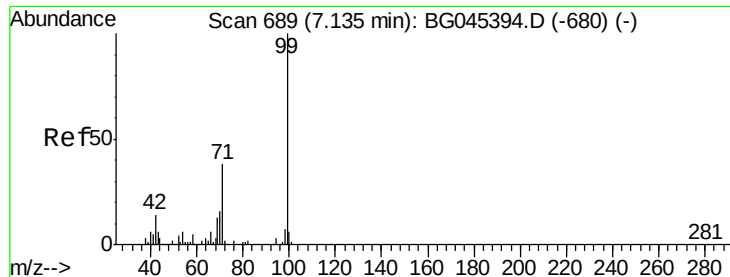


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.423 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

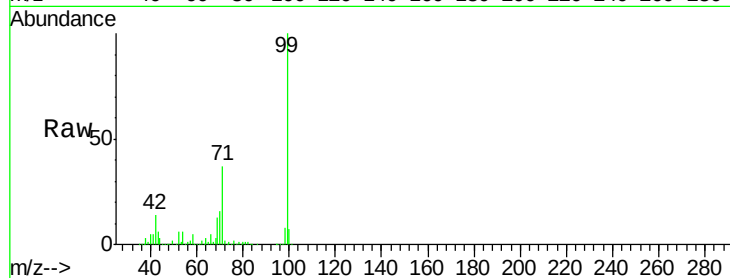
Tot Ion: 99 Resp: 827088

Ion Ratio Lower Upper

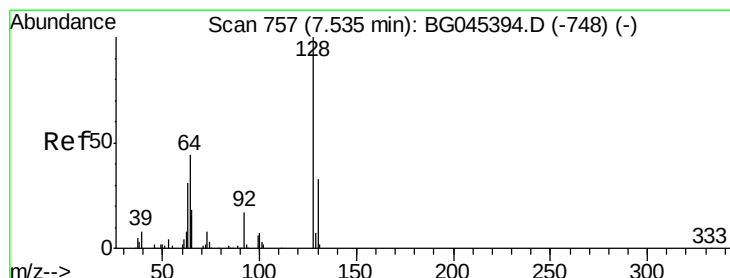
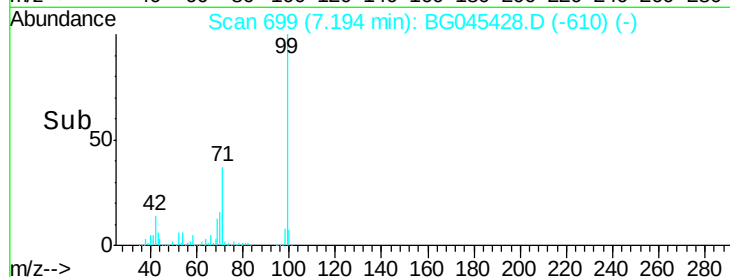
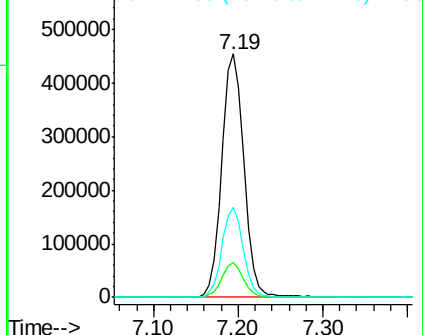
99 100

42 14.3 11.3 16.9

71 37.2 30.8 46.2



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



#8

2-Chlorophenol

Concen: 3.882 ng

RT: 7.55 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

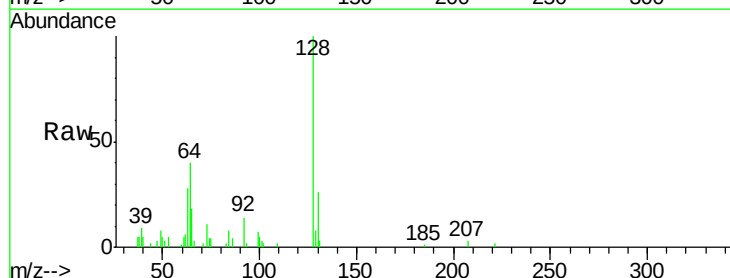
Tgt Ion: 128 Resp: 20206

Ion Ratio Lower Upper

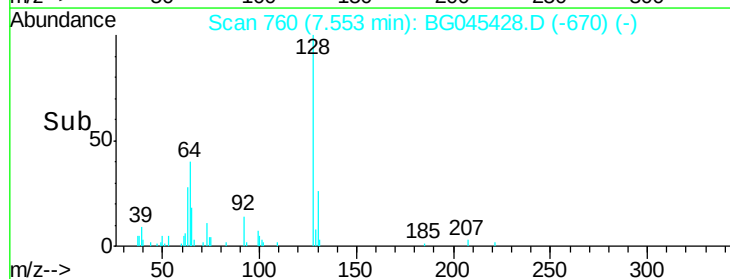
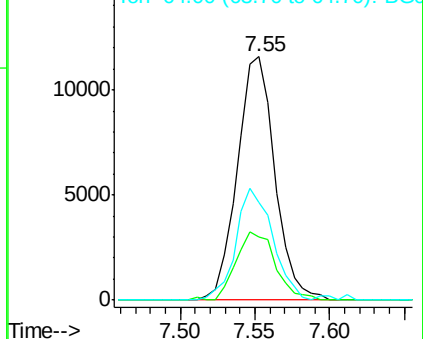
128 100

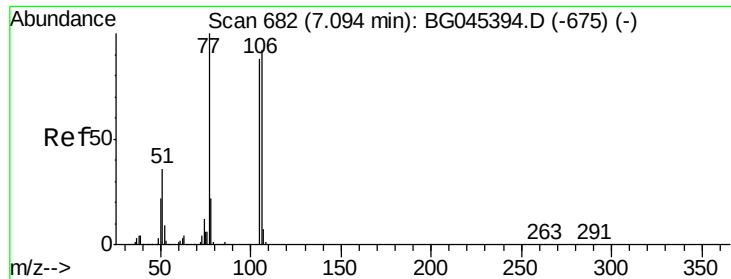
130 25.9 12.6 52.6

64 40.4 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: 4.368 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampled :

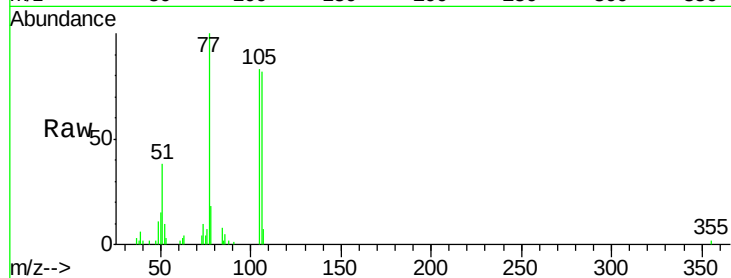
Tot Ion: 77 Resp: 19225

Ion Ratio Lower Upper

77 100

105 83.2 68.5 108.5

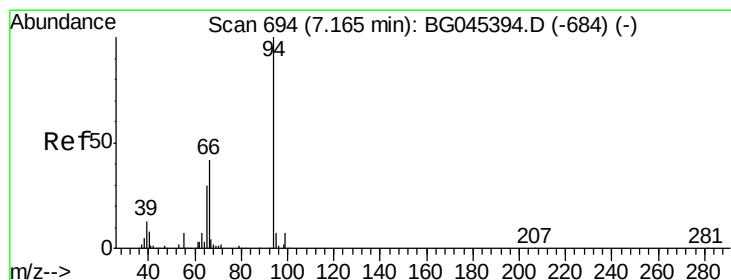
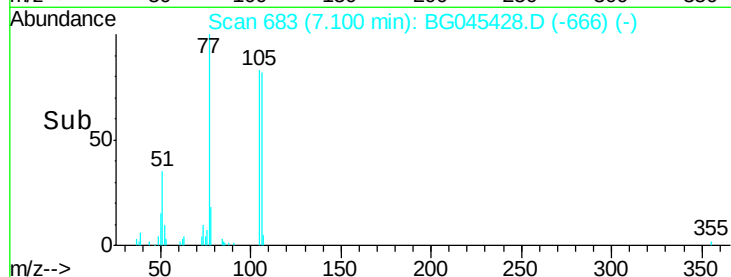
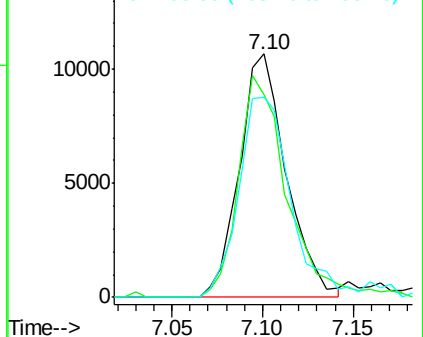
106 81.9 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 3.922 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

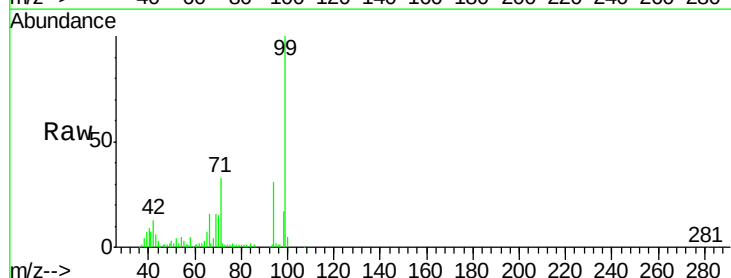
Tgt Ion: 94 Resp: 27309

Ion Ratio Lower Upper

94 100

65 22.8 9.8 49.8

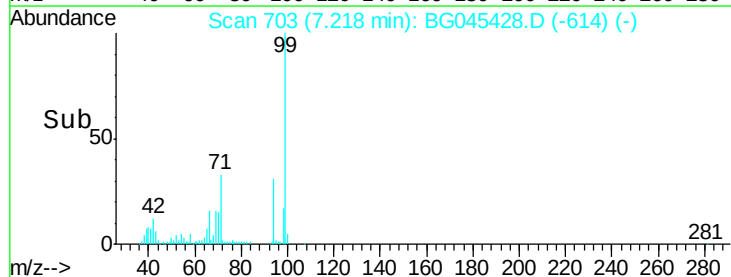
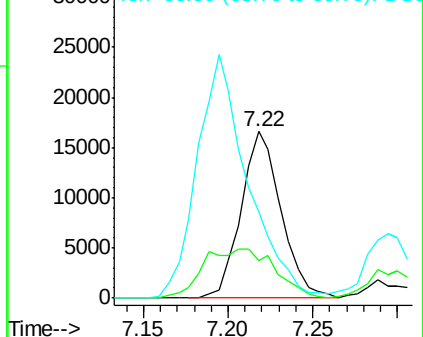
66 51.4 22.0 62.0

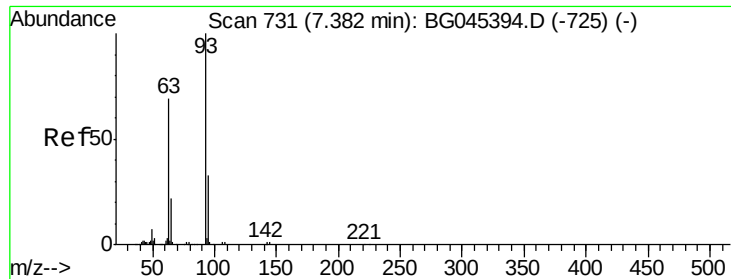


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

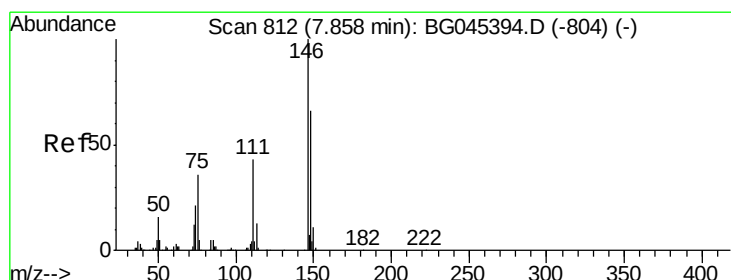
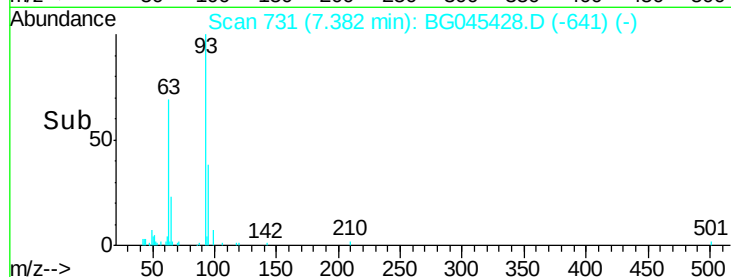
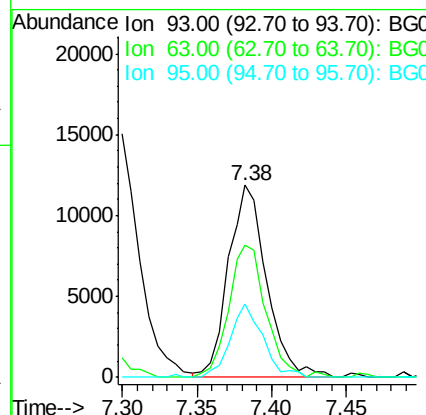
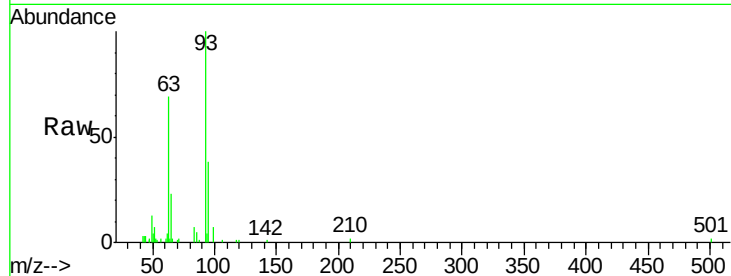




#11
bis(2-Chloroethyl)ether
Concen: 3.927 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

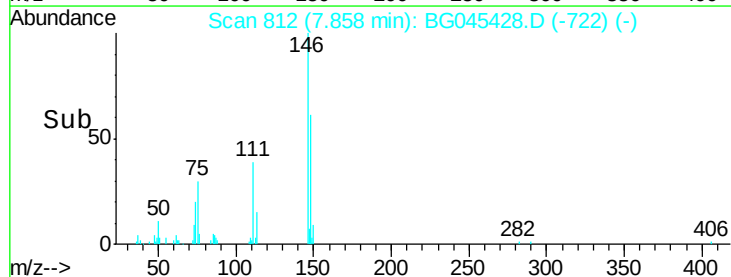
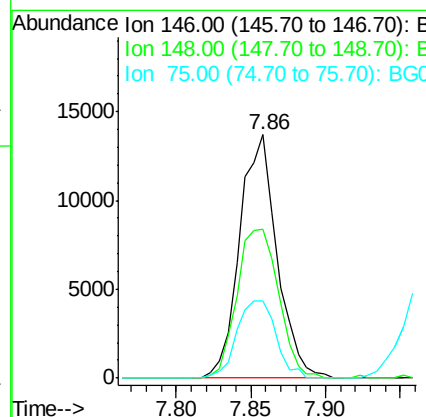
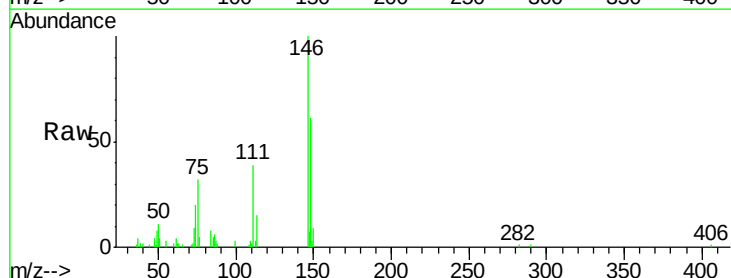
Instrument :
BNA_G
ClientSampleId :

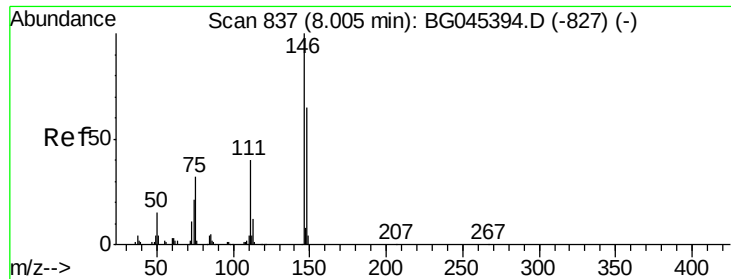
Tot Ion	93	Resp	21327
Ion Ratio	Lower	Upper	
93	100		
63	68.8	48.4	88.4
95	38.2	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 3.800 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	146	Resp	23772
Ion Ratio	Lower	Upper	
146	100		
148	61.0	53.2	79.8
75	31.6	28.6	43.0

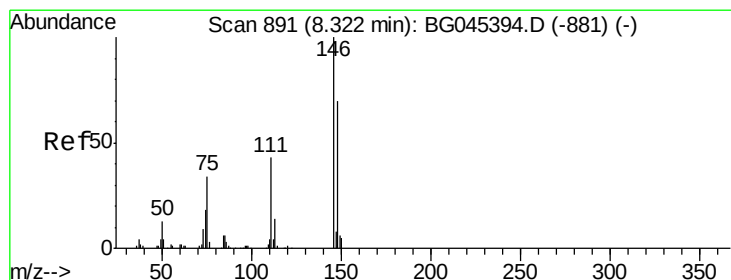
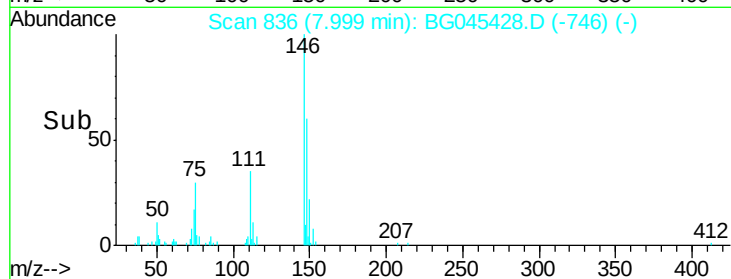
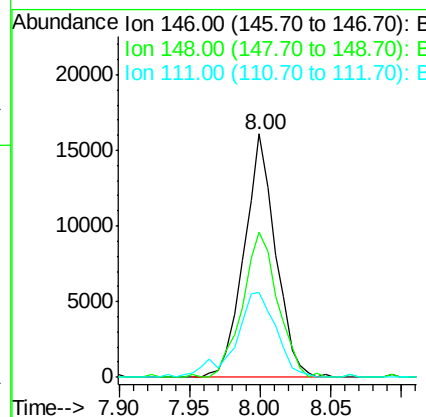
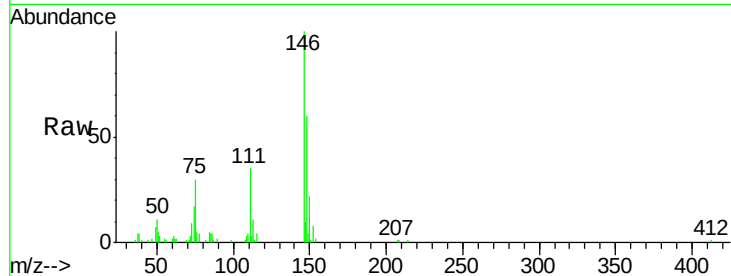




#13
 1,4-Dichlorobenzene
 Concen: 4.062 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

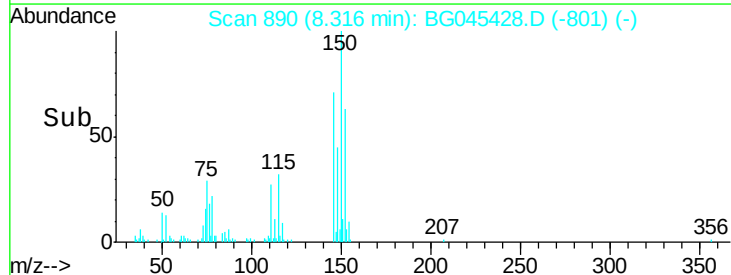
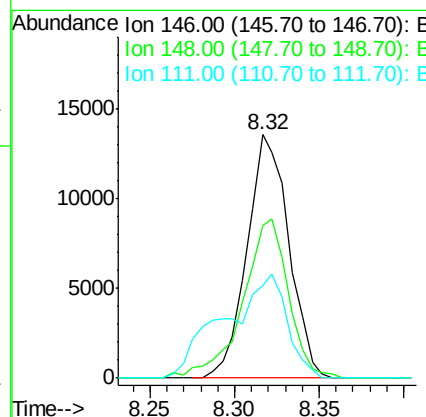
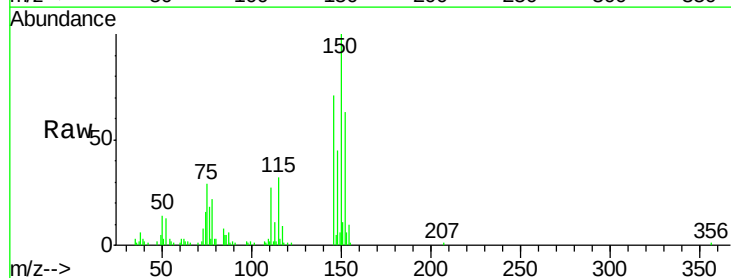
Instrument :
 BNA_G
 ClientSampleId :

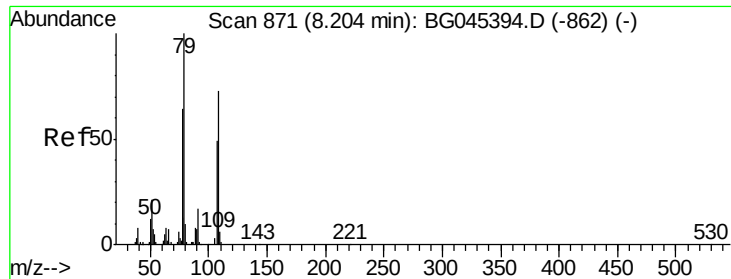
Tot Ion:146 Resp: 25076
 Ion Ratio Lower Upper
 146 100
 148 59.6 51.8 77.8
 111 35.1 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 3.923 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion:146 Resp: 23295
 Ion Ratio Lower Upper
 146 100
 148 62.9 55.9 83.9
 111 38.1 35.0 52.4





#15

Benzyl Alcohol

Concen: 3.291 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

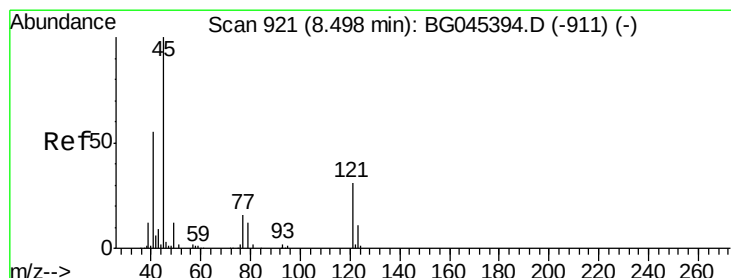
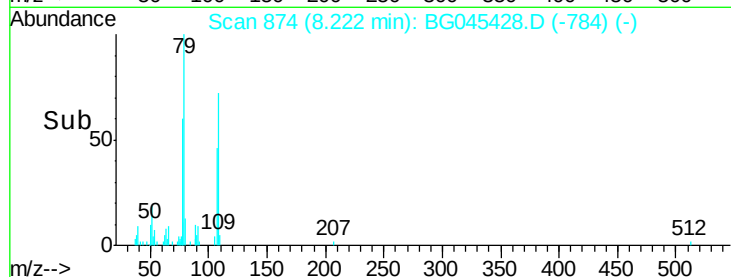
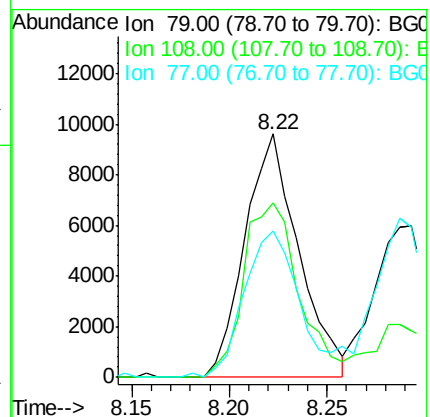
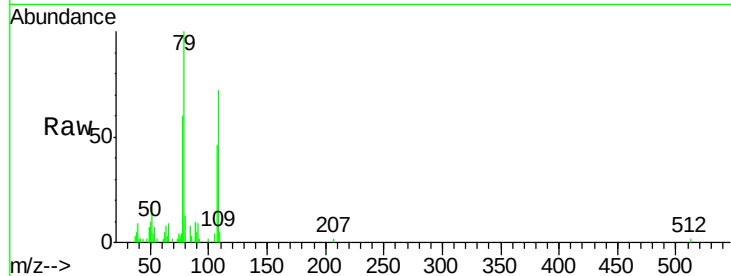
Tot Ion: 79 Resp: 18367

Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.4

77 60.1 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.992 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

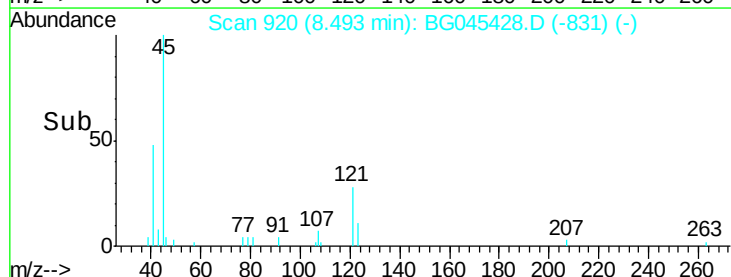
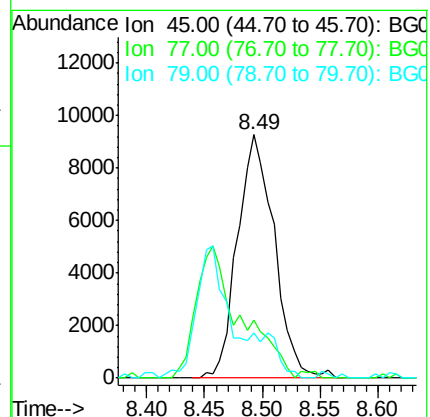
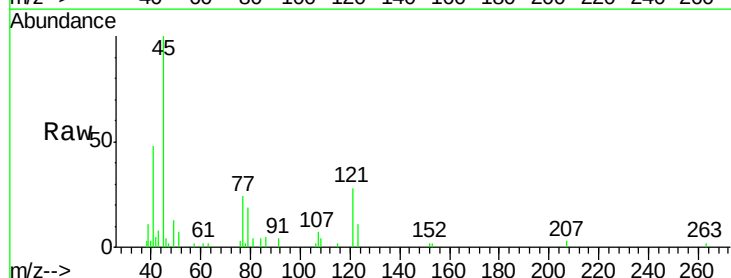
Tgt Ion: 45 Resp: 20579

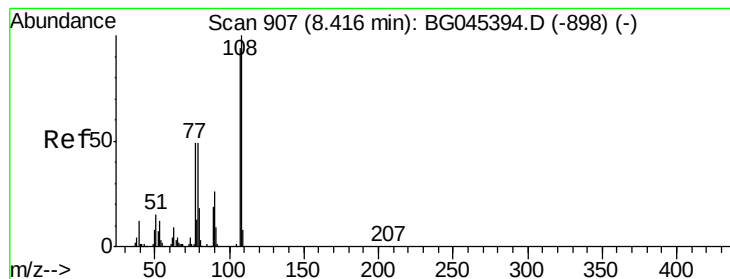
Ion Ratio Lower Upper

45 100

77 23.8 4.0 44.0

79 18.6 0.0 38.6





#17

2-Methylphenol

Concen: 3.786 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 19731

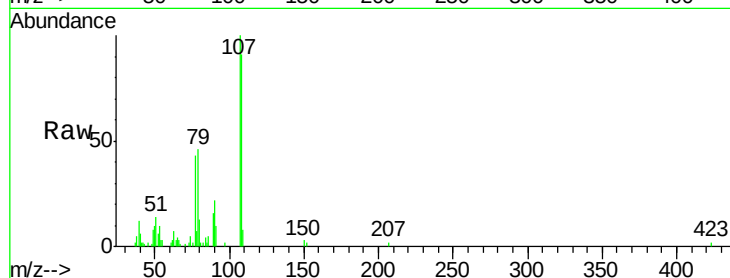
Ion Ratio Lower Upper

107 100

108 90.6 85.2 127.8

77 43.1 41.6 62.4

79 45.9 41.8 62.8

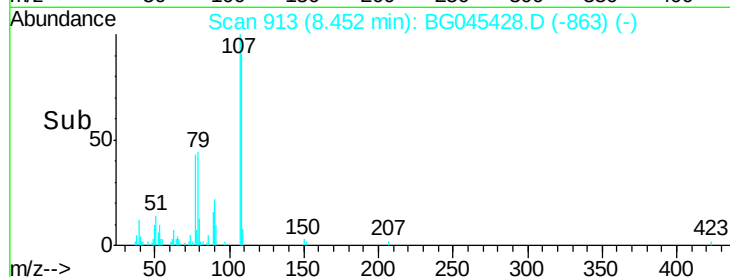


Abundance Ion 107.00 (106.70 to 107.70): E

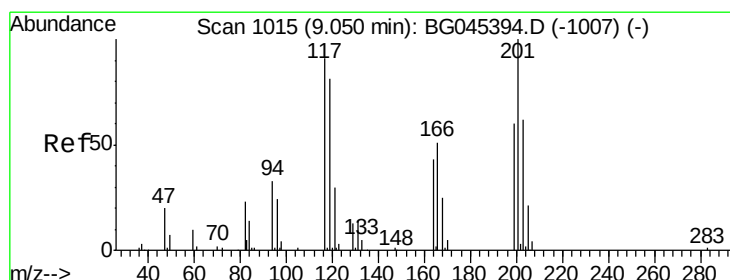
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 3.788 ng

RT: 9.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

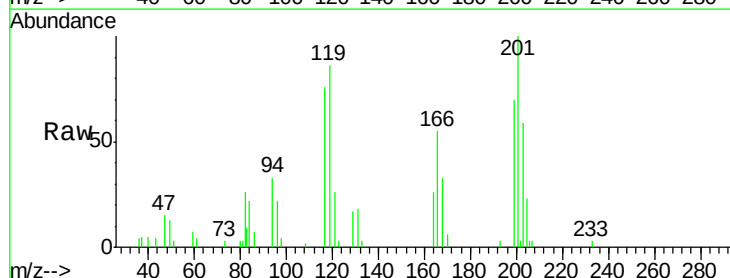
Tgt Ion:117 Resp: 8957

Ion Ratio Lower Upper

117 100

119 113.0 71.3 106.9#

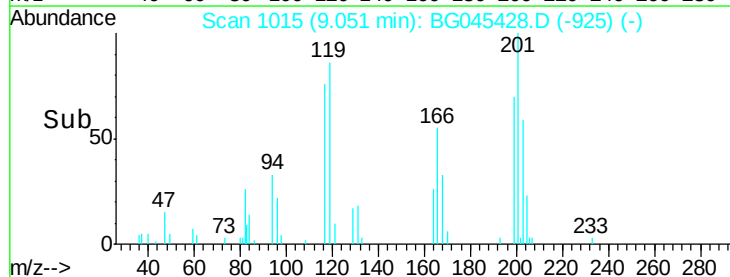
201 131.8 87.5 131.3#



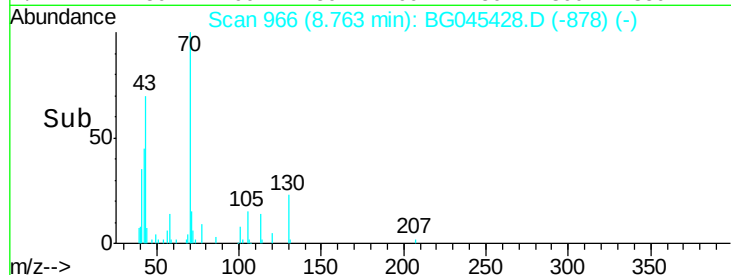
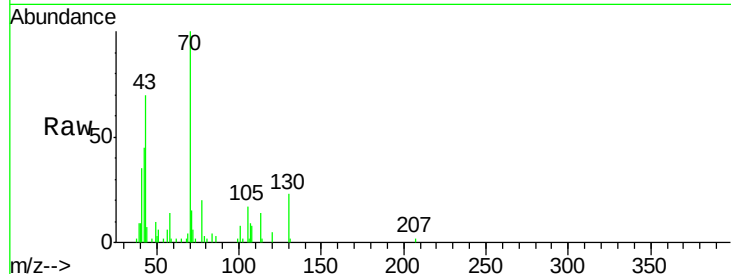
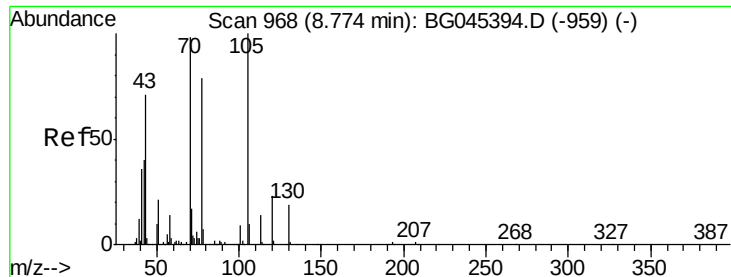
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



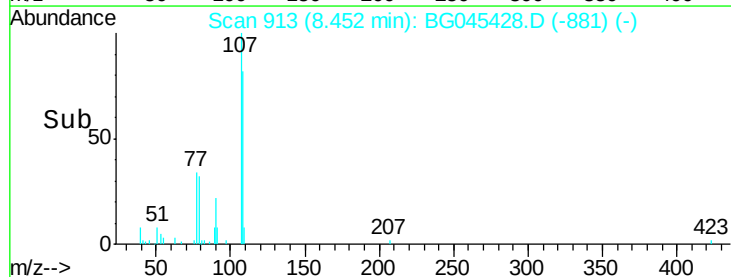
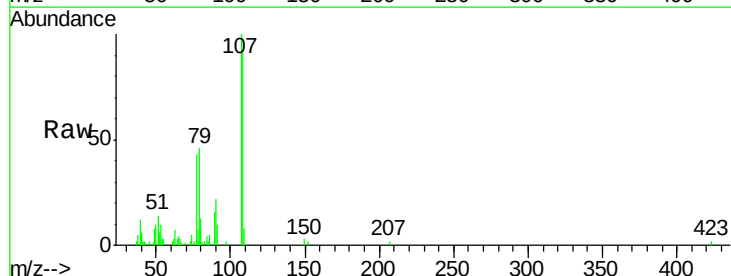
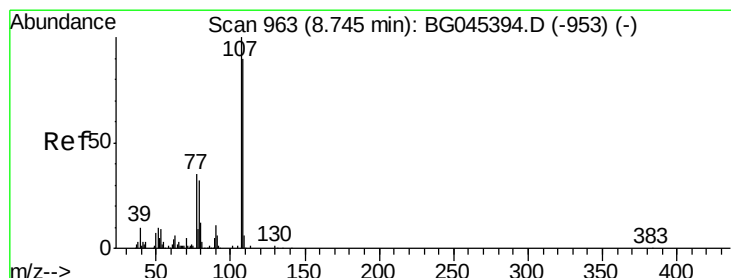
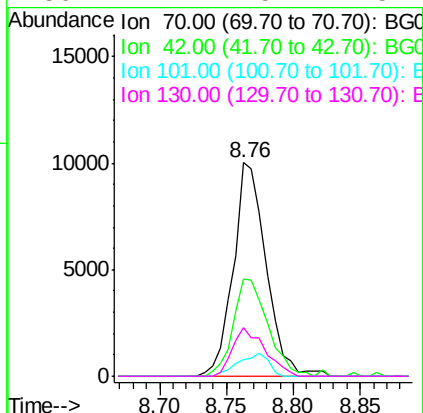
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 3.671 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

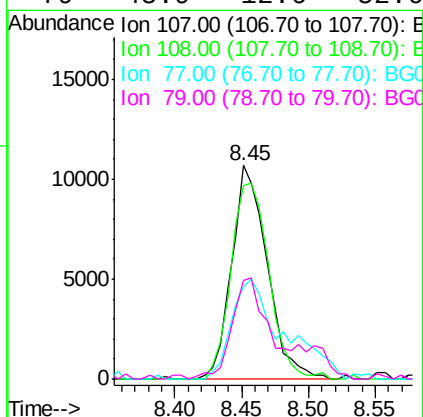
Instrument :
BNA_G
ClientSampleId :

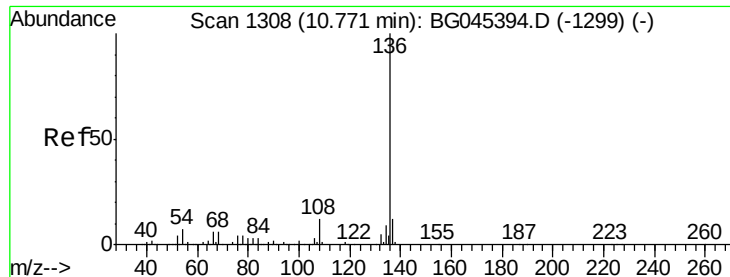
Tot Ion:	70	Resp:	17151
Ion	Ratio	Lower	Upper
70	100		
42	45.5	33.2	49.8
101	7.9	7.8	11.6
130	22.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 2.780 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.34 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:	107	Resp:	19731
Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.3	110.3
77	43.1	15.4	55.4
79	45.9	12.6	52.6

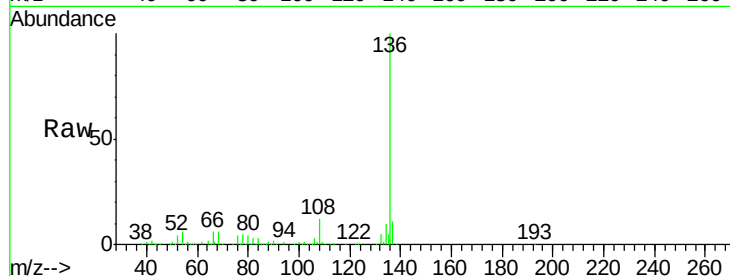




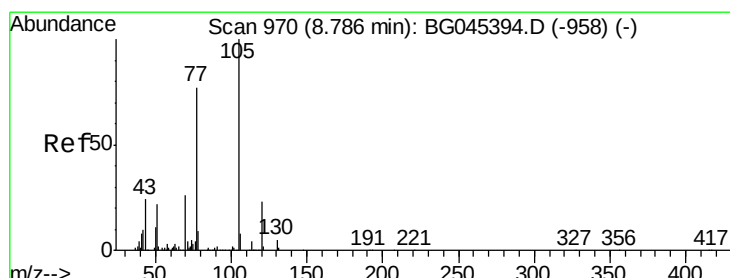
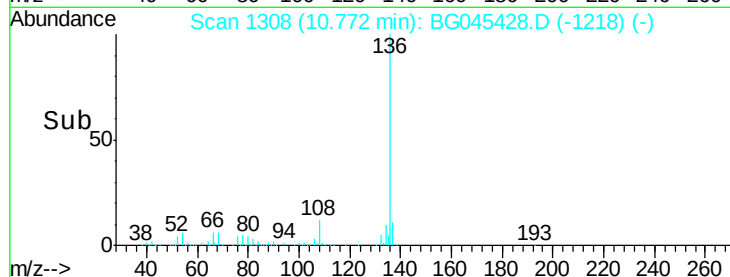
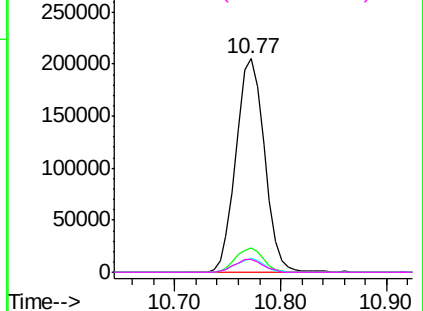
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	383540
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.4 14.2
54	6.4	5.8 8.6
68	6.3	4.5 6.7

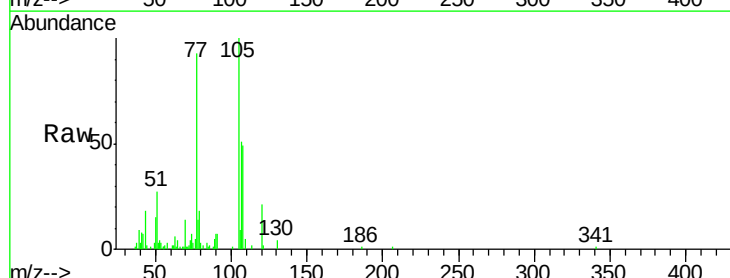


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

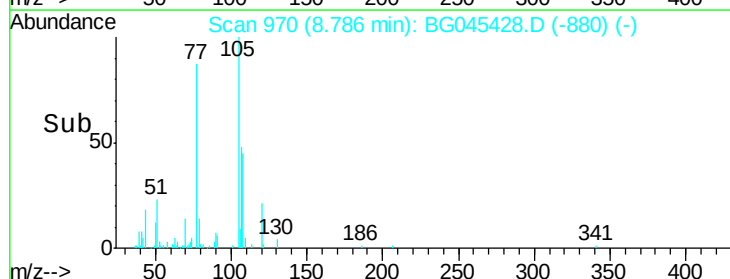
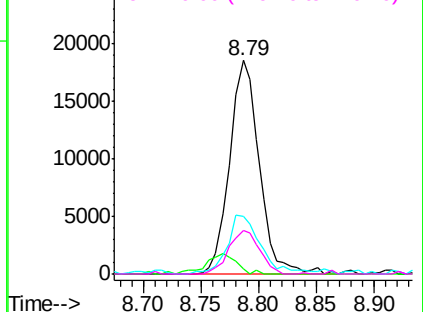


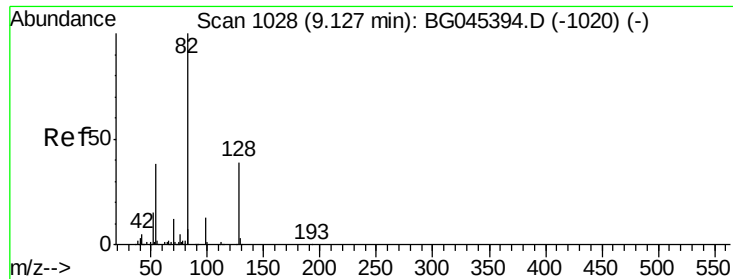
#22
Acetophenone
Concen: 3.626 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:105	Resp:	32965
Ion	Ratio	Lower Upper
105	100	
71	2.2	3.4 5.0#
51	26.8	18.2 27.2
120	20.7	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

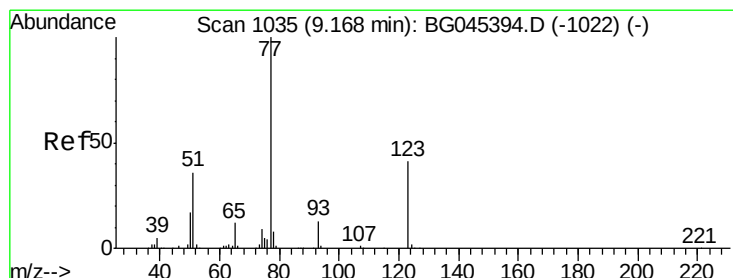
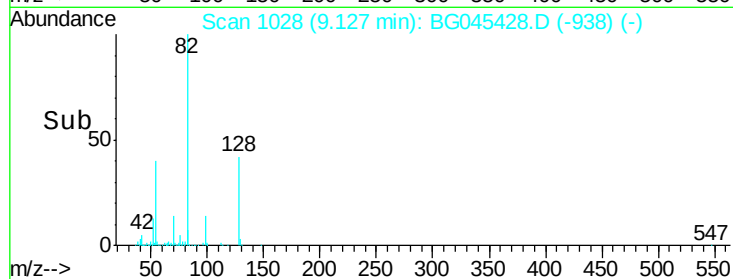
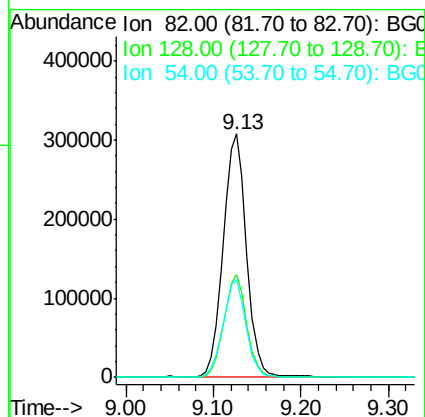
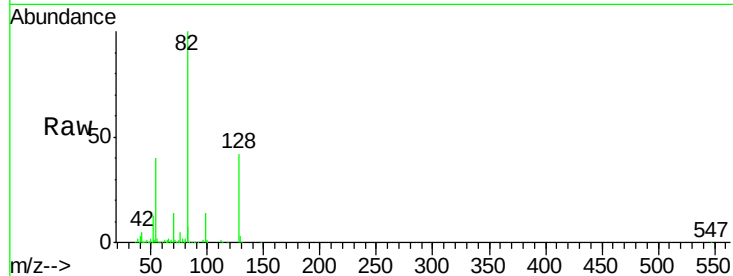




#23
Nitrobenzene-d5
Concen: 80.310 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

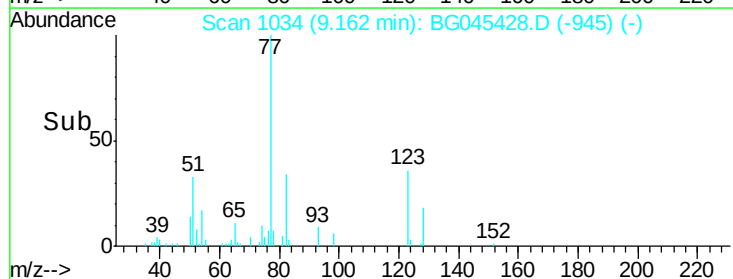
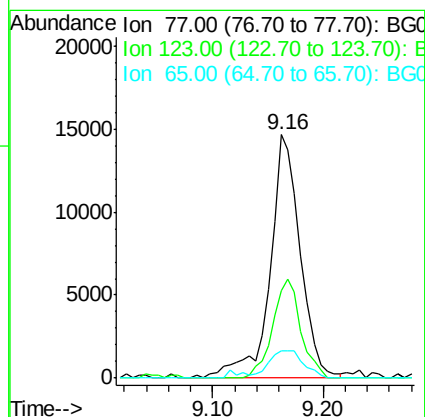
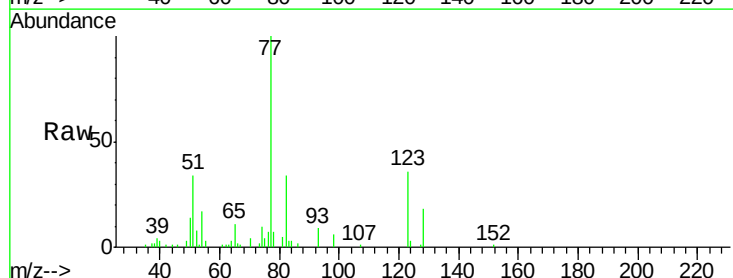
Instrument :
BNA_G
ClientSampleId :

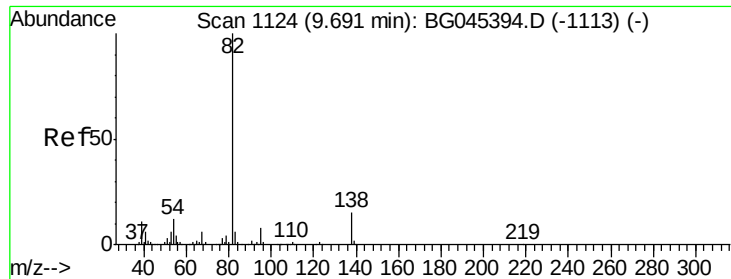
Tot Ion	82	Resp	564850
Ion Ratio	Lower	Upper	
82	100		
128	42.2	30.9	46.3
54	40.1	30.3	45.5



#24
Nitrobenzene
Concen: 3.705 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	77	Resp	27919
Ion Ratio	Lower	Upper	
77	100		
123	35.7	32.9	49.3
65	11.2	9.4	14.2





#25

Isophorone

Concen: 3.725 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

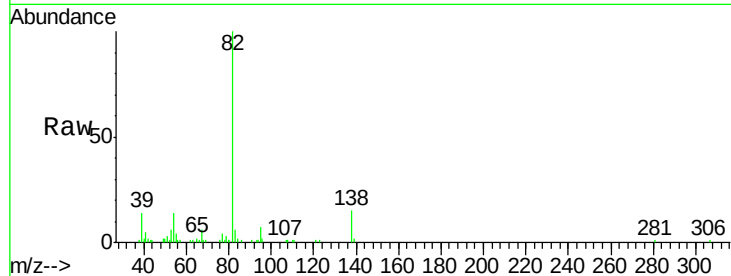
Tot Ion: 82 Resp: 51601

Ion Ratio Lower Upper

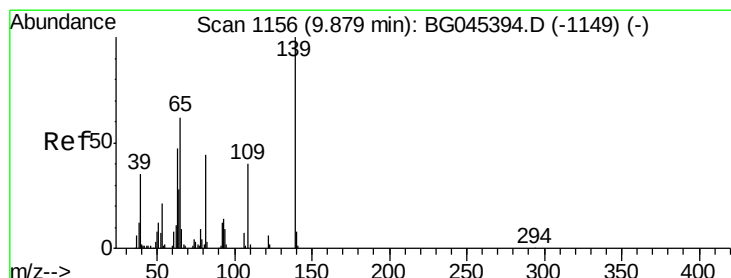
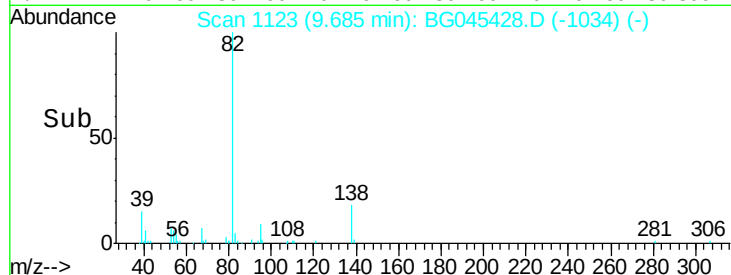
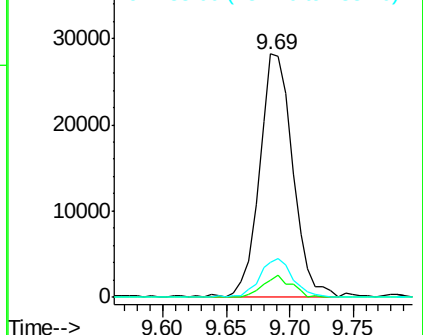
82 100

95 7.2 6.7 10.1

138 14.6 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: 3.572 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

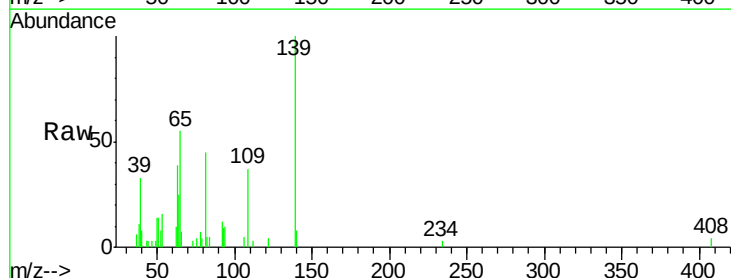
Tgt Ion: 139 Resp: 11514

Ion Ratio Lower Upper

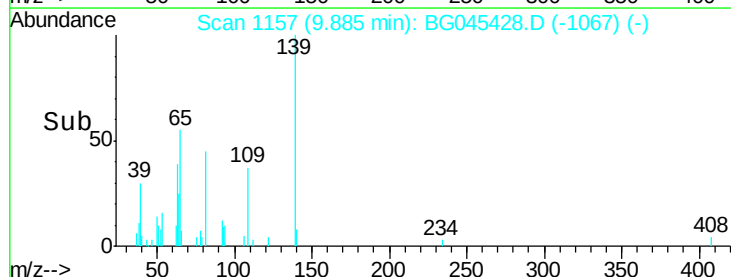
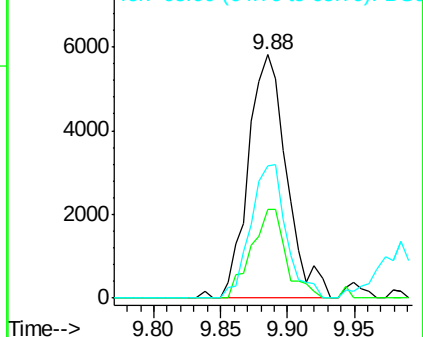
139 100

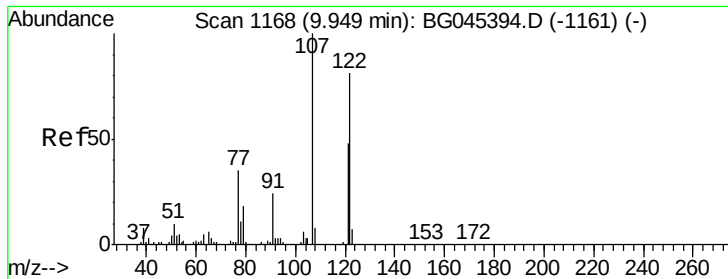
109 36.5 32.2 48.4

65 54.6 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

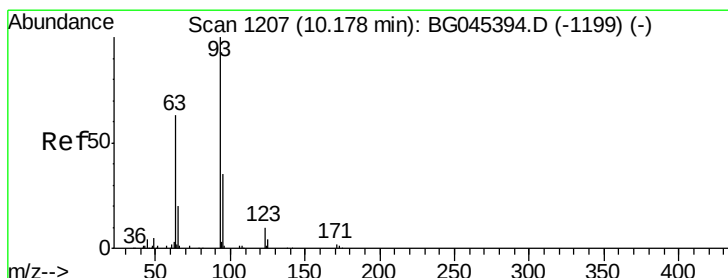
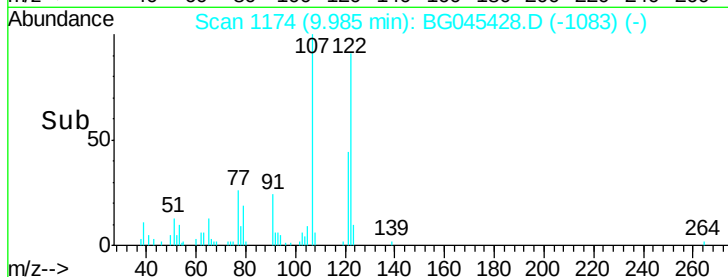
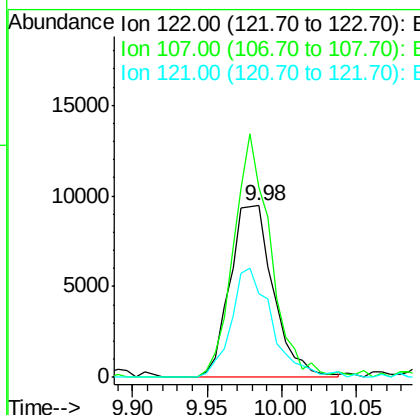
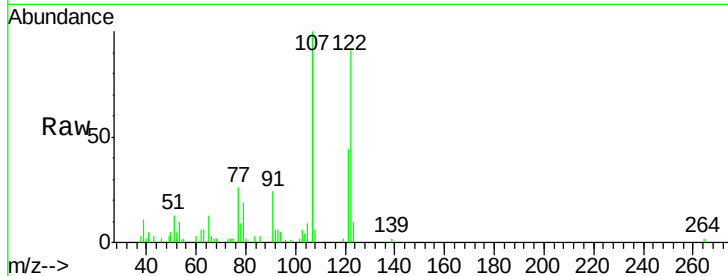




#27
 2,4-Dimethylphenol
 Concen: 4.023 ng
 RT: 9.98 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

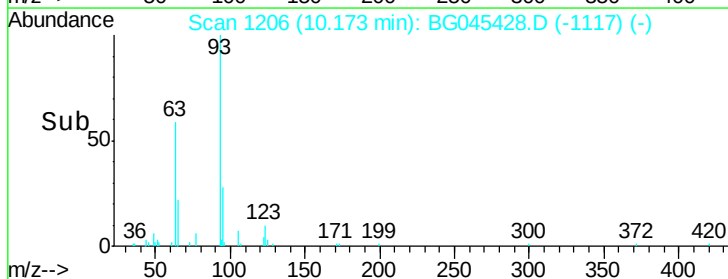
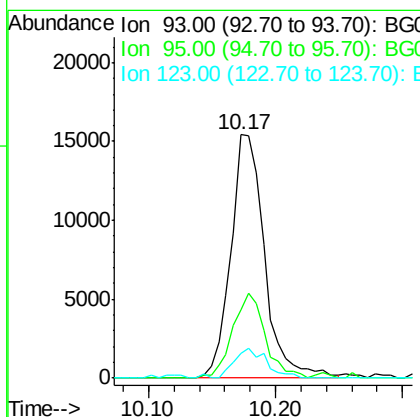
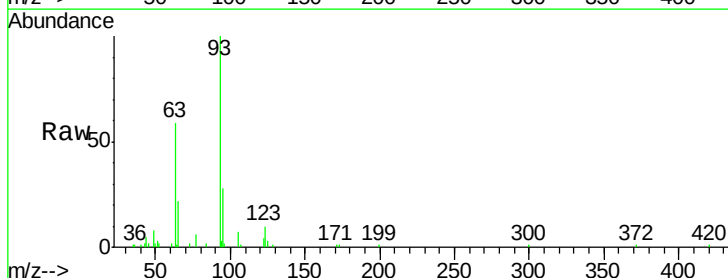
Instrument :
 BNA_G
 ClientSampleId :

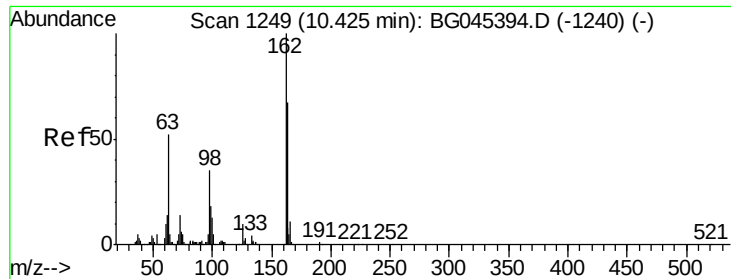
Tot Ion:122 Resp: 19234
 Ion Ratio Lower Upper
 122 100
 107 110.3 99.0 148.4
 121 48.5 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.907 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion: 93 Resp: 28380
 Ion Ratio Lower Upper
 93 100
 95 27.8 27.6 41.4
 123 10.0 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 3.334 ng

RT: 10.46 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

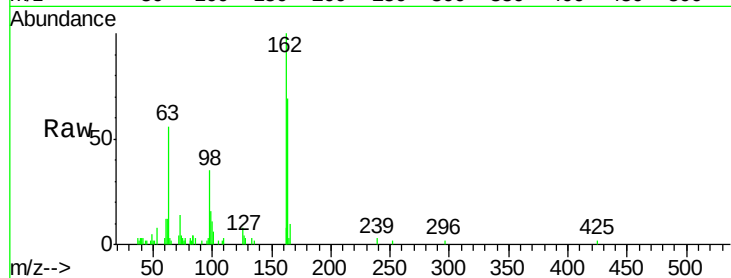
Tot Ion:162 Resp: 18823

Ion Ratio Lower Upper

162 100

164 68.9 46.8 86.8

98 35.1 15.2 55.2

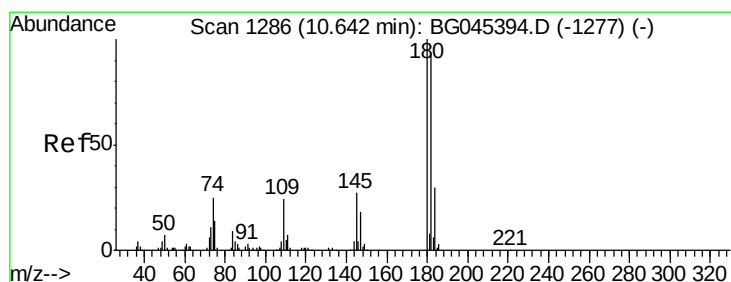
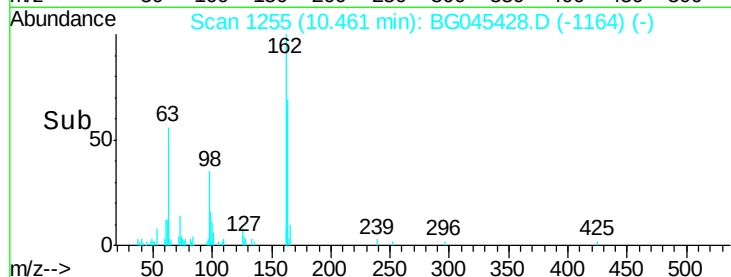
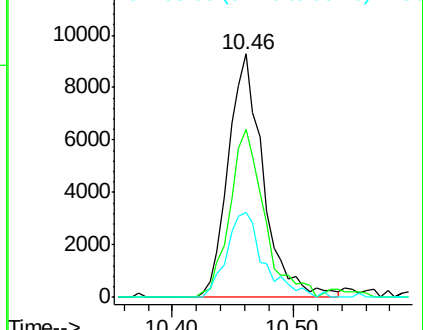


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 3.693 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

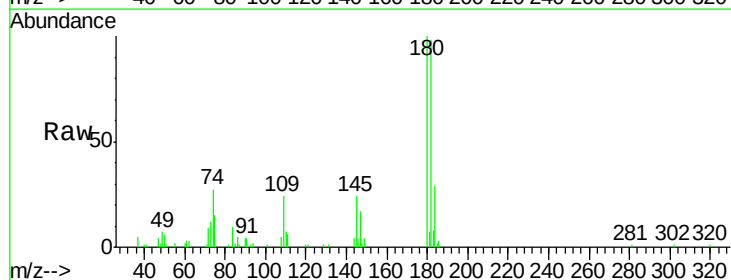
Tgt Ion:180 Resp: 24637

Ion Ratio Lower Upper

180 100

182 98.0 74.8 112.2

145 23.7 21.9 32.9

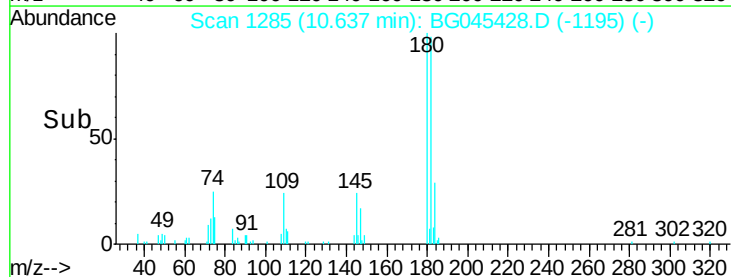
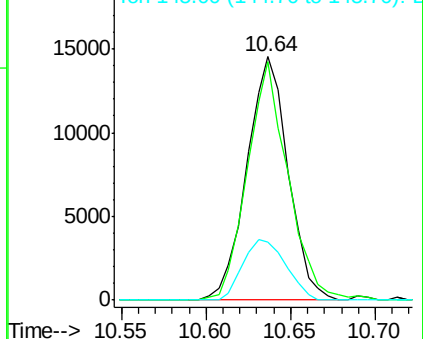


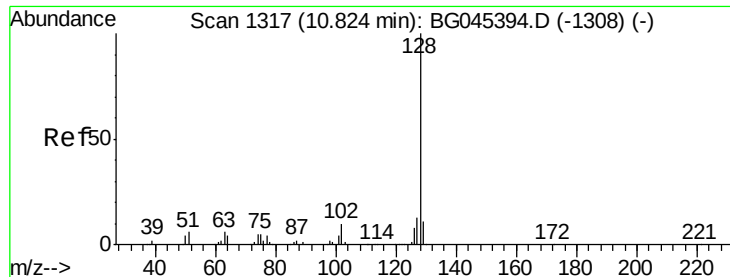
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

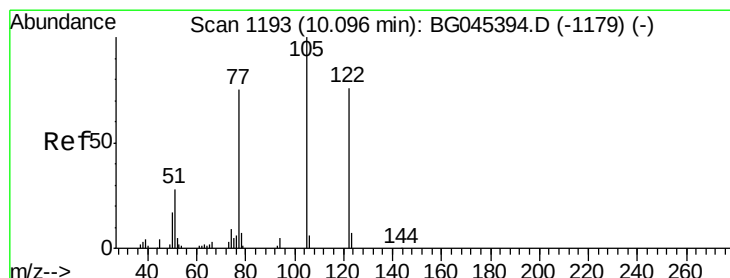
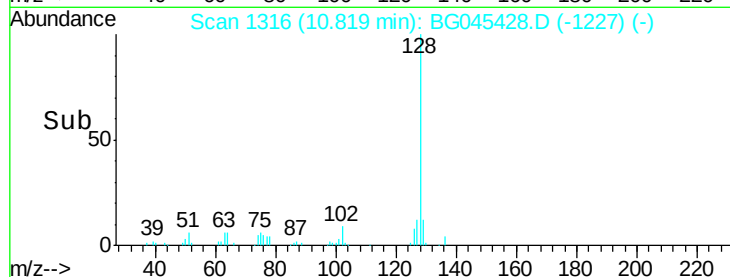
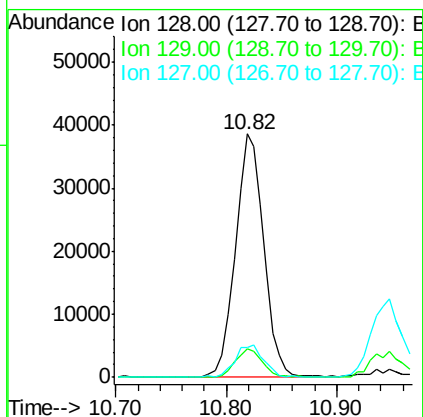
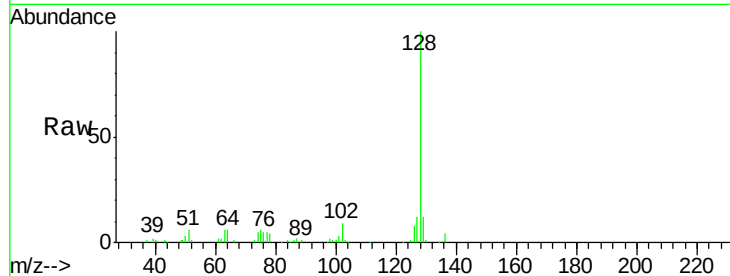




#31
Naphthalene
Concen: 3.885 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

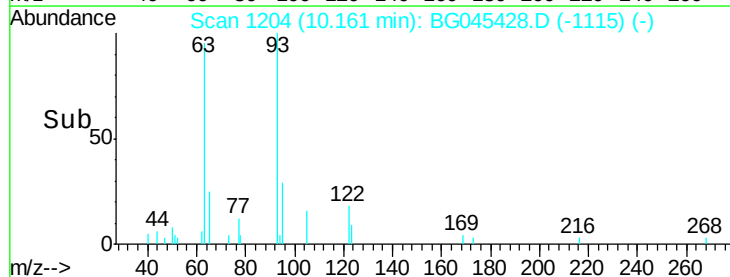
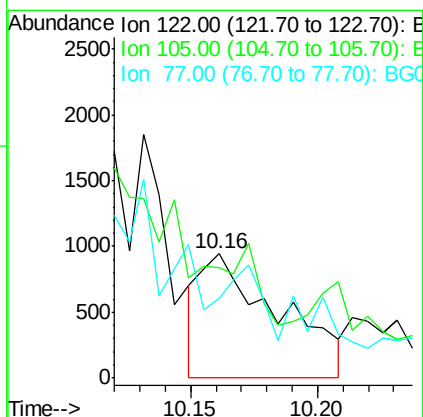
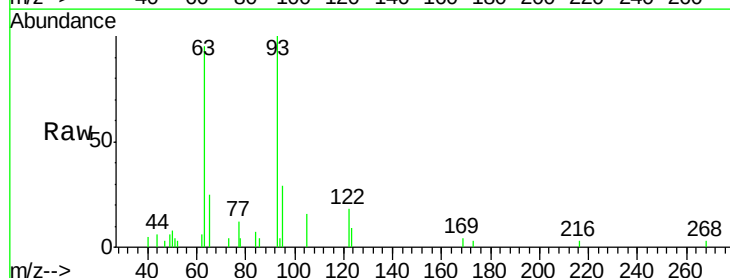
Instrument :
BNA_G
ClientSampleId :

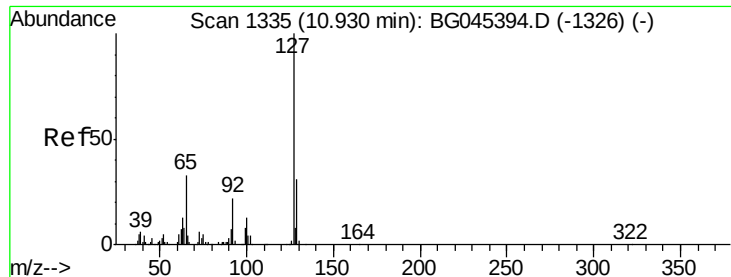
Tot Ion:128 Resp: 69438
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 12.2 10.7 16.1



#32
Benzoic acid
Concen: 0.705 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:122 Resp: 2023
Ion Ratio Lower Upper
122 100
105 89.2 107.9 147.9#
77 64.3 78.9 118.9#

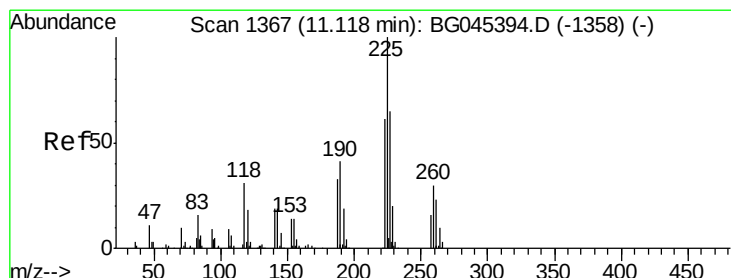
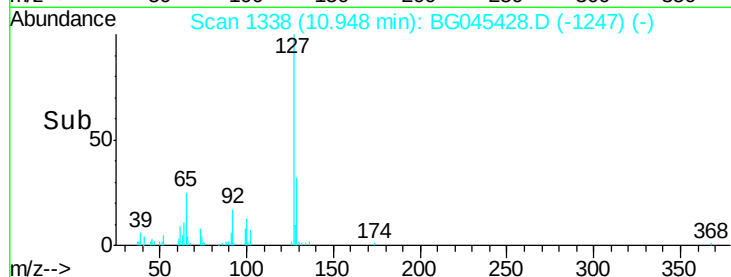
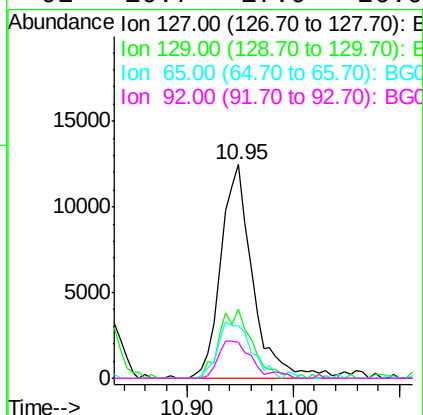
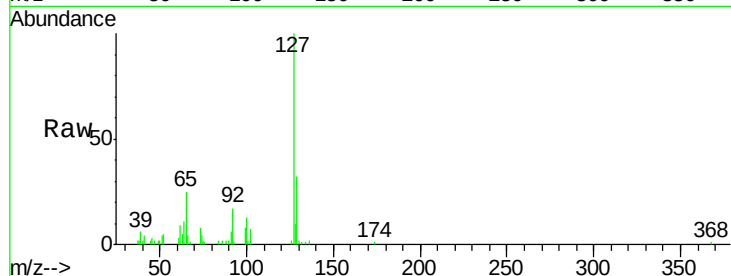




#33
4-Chloroaniline
Concen: 3.490 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

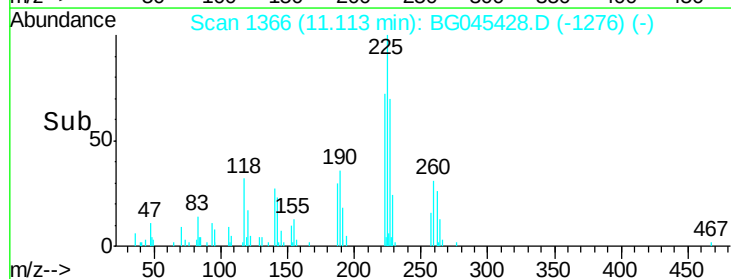
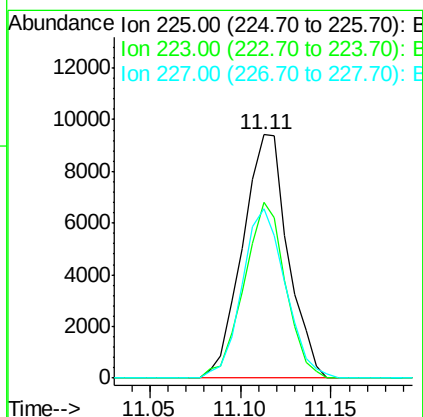
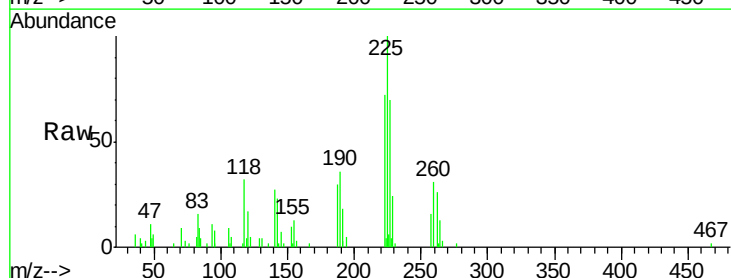
Instrument :
BNA_G
ClientSampleId :

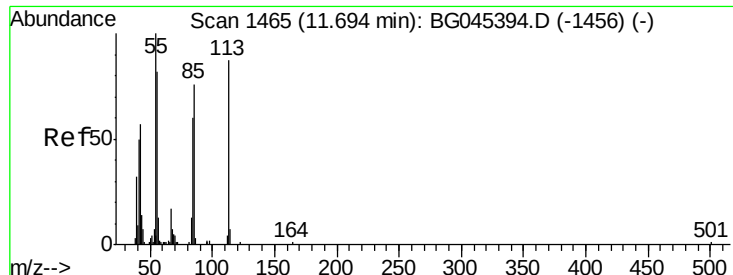
Tot Ion:127	Resp:	26071
Ion Ratio	Lower	Upper
127	100	
129	32.3	24.7 37.1
65	24.5	26.2 39.2#
92	16.7	17.9 26.9#



#34
Hexachlorobutadiene
Concen: 3.502 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:225	Resp:	16516
Ion Ratio	Lower	Upper
225	100	
223	72.2	49.1 73.7
227	69.8	52.0 78.0

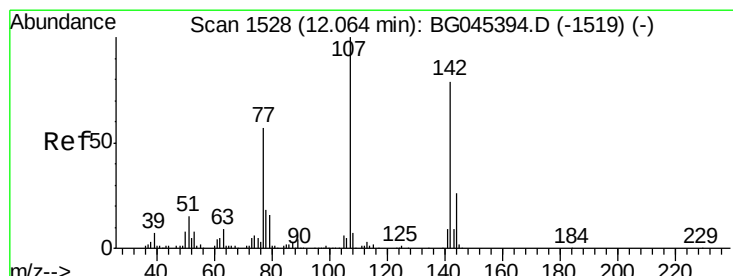
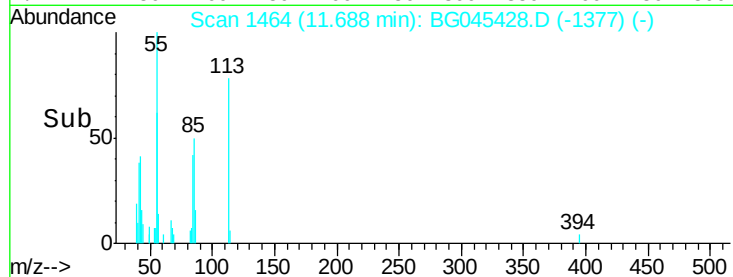
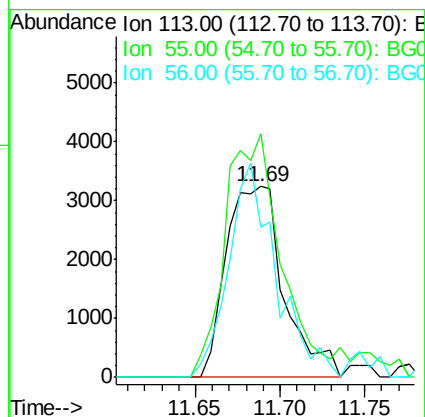
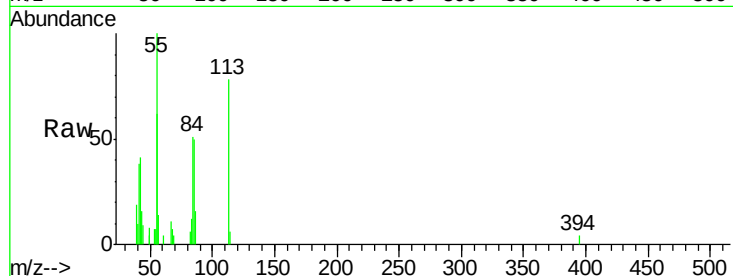




#35
Caprolactam
Concen: 3.720 ng
RT: 11.69 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

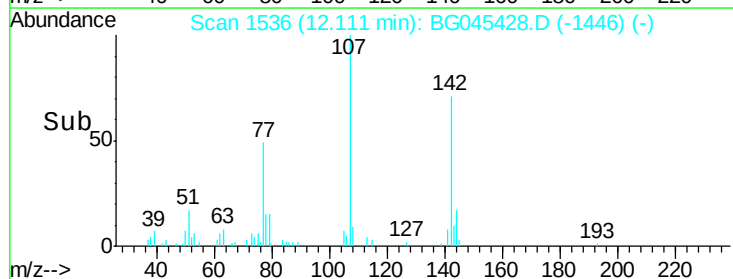
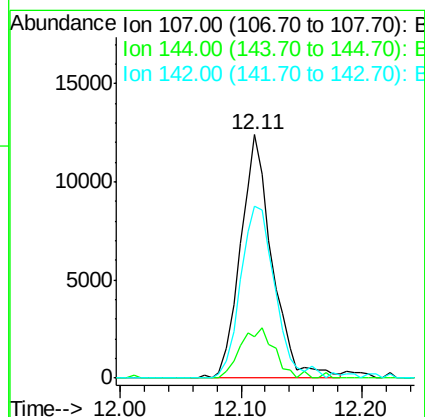
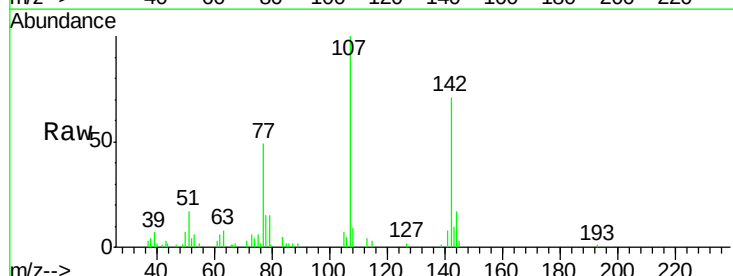
Instrument :
BNA_G
ClientSampleId :

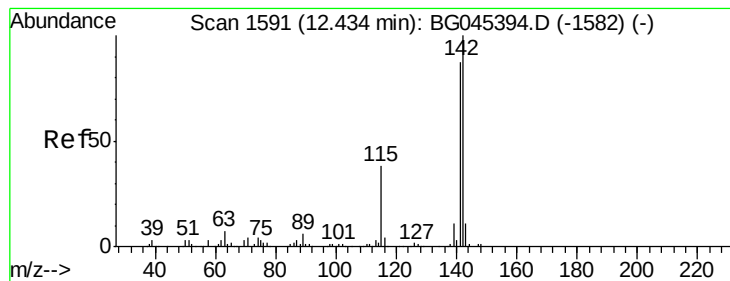
Tot Ion:113 Resp: 7708
Ion Ratio Lower Upper
113 100
55 127.7 96.0 136.0
56 78.6 75.1 115.1



#36
4-Chloro-3-methylphenol
Concen: 3.558 ng
RT: 12.11 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:107 Resp: 22634
Ion Ratio Lower Upper
107 100
144 16.7 20.8 31.2#
142 70.6 62.8 94.2





#37

2-Methylnaphthalene

Concen: 3.896 ng

RT: 12.43 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

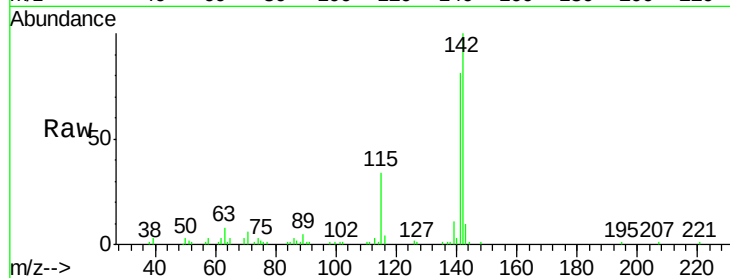
Tot Ion:142 Resp: 51902

Ion Ratio Lower Upper

142 100

141 80.5 70.0 105.0

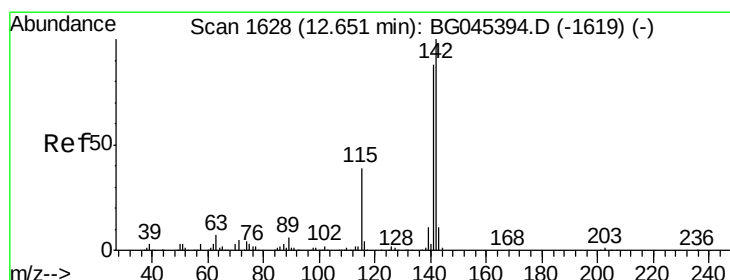
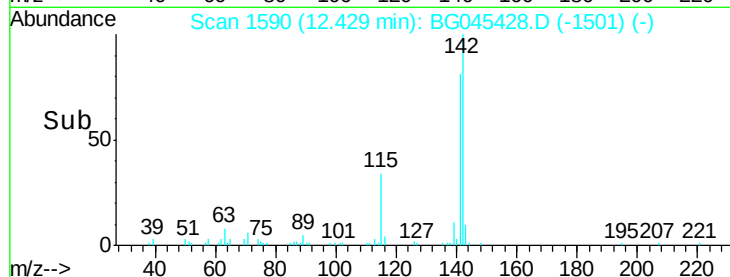
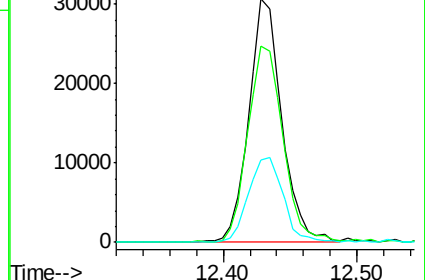
115 34.0 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 3.940 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

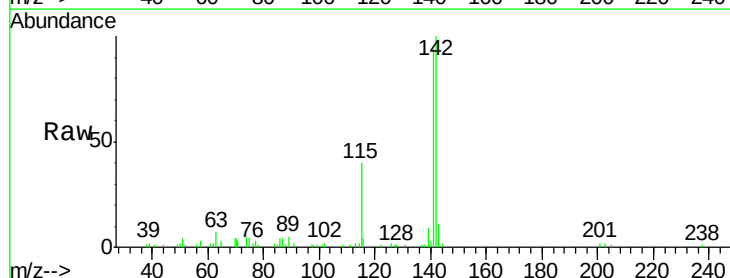
Tgt Ion:142 Resp: 49576

Ion Ratio Lower Upper

142 100

141 93.9 70.8 106.2

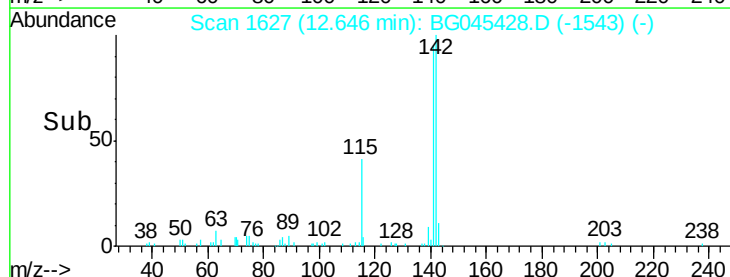
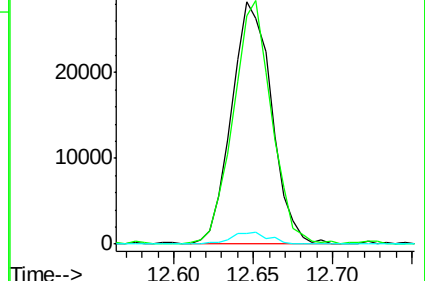
116 4.1 3.0 4.6

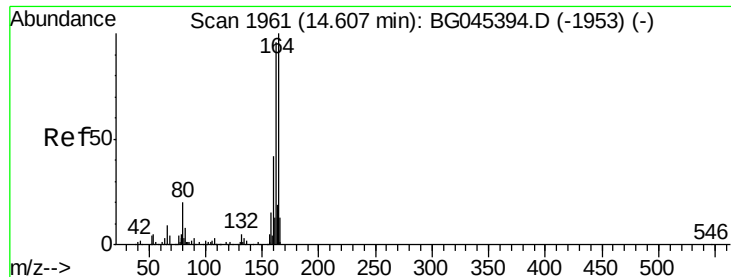


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

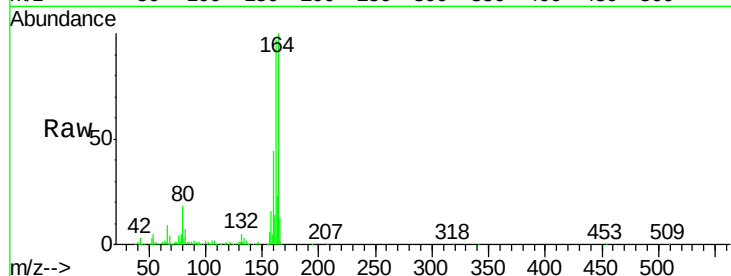
Tot Ion:164 Resp: 272104

Ion Ratio Lower Upper

164 100

162 97.4 76.9 115.3

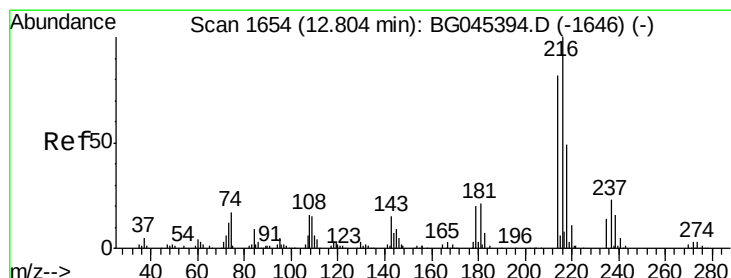
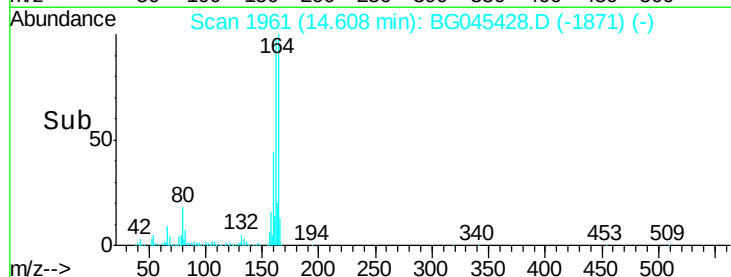
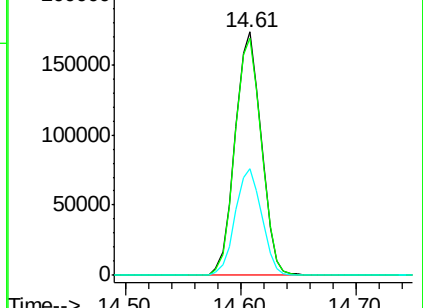
160 43.8 33.8 50.8



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: 3.928 ng

RT: 12.80 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:216 Resp: 29856

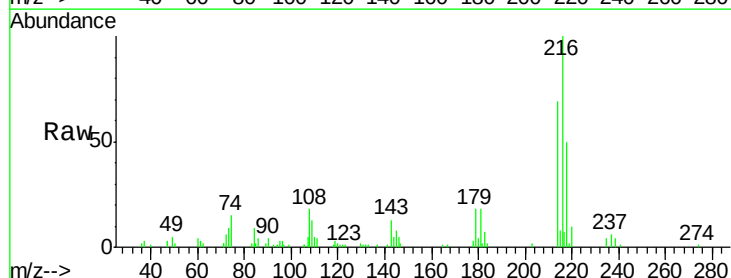
Ion Ratio Lower Upper

216 100

214 80.1 63.7 95.5

179 18.6 16.1 24.1

108 18.2 13.8 20.6

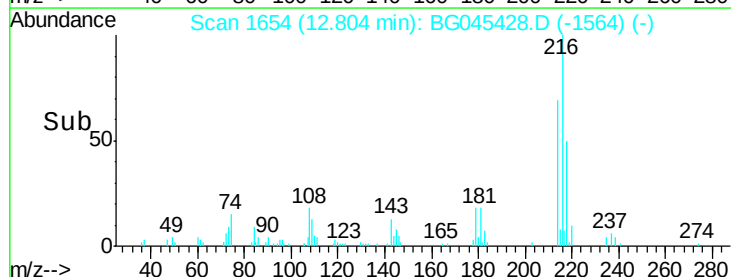
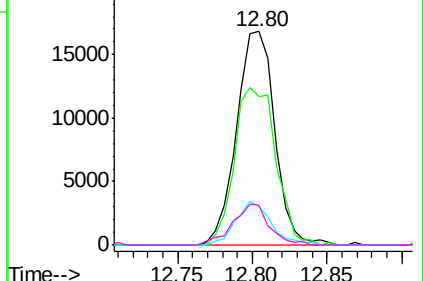


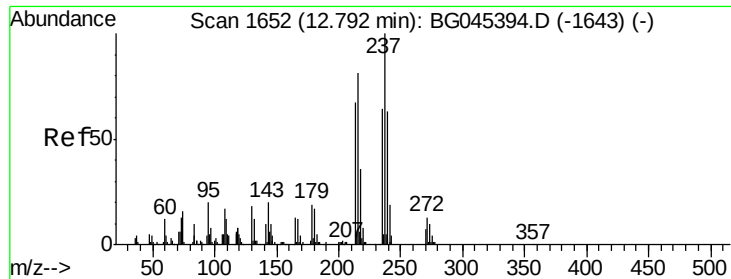
Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.365 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

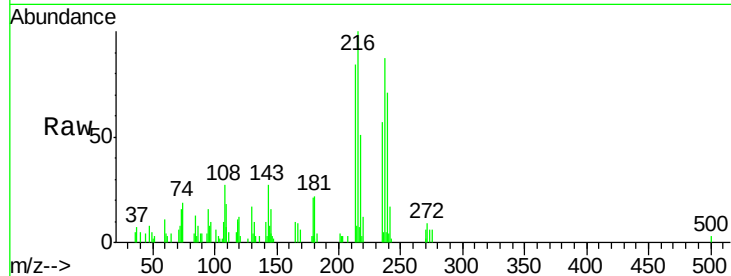
Tot Ion:237 Resp: 10374

Ion Ratio Lower Upper

237 100

235 65.5 44.4 84.4

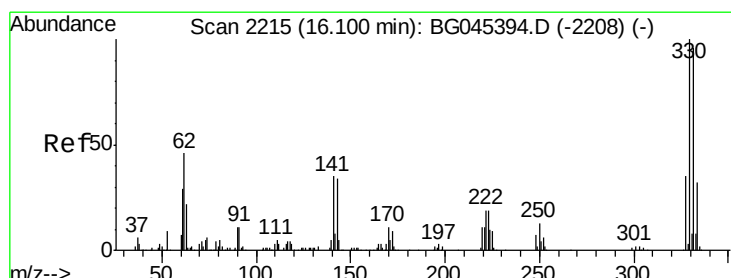
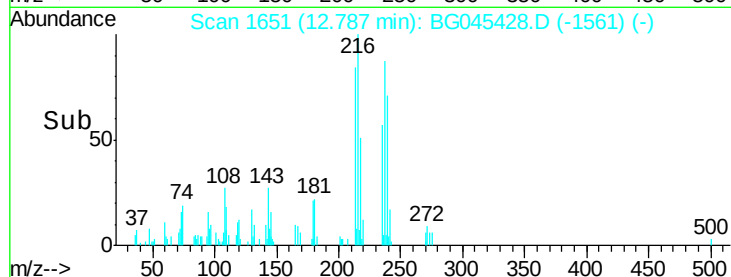
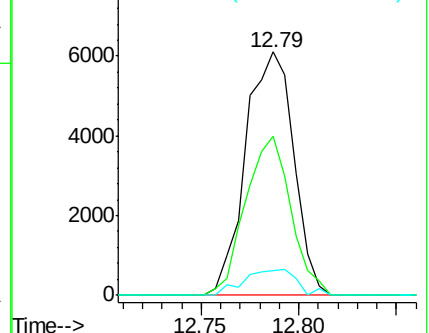
272 10.3 0.0 32.5



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: 124.546 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

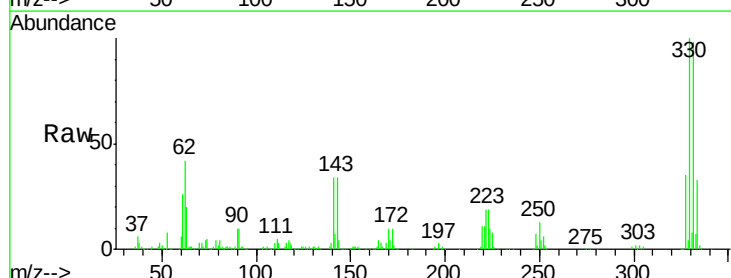
Tgt Ion:330 Resp: 433407

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

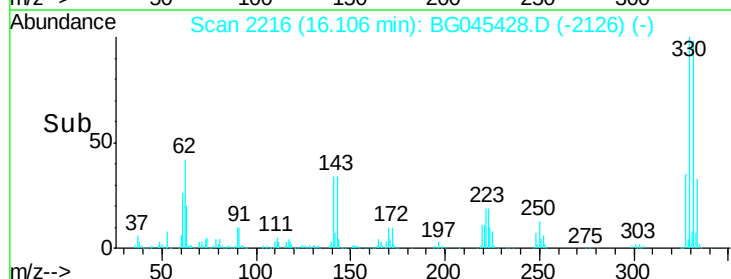
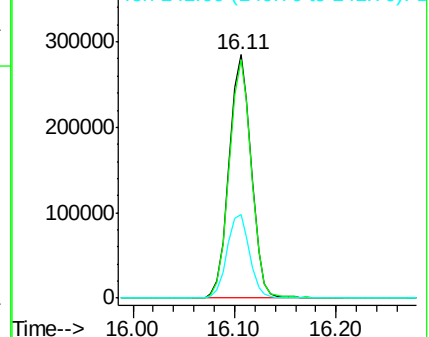
141 35.0 28.2 42.4

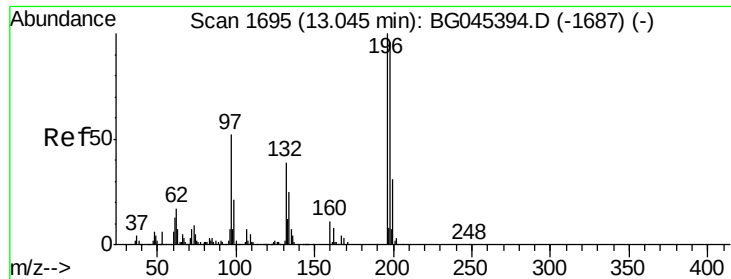


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

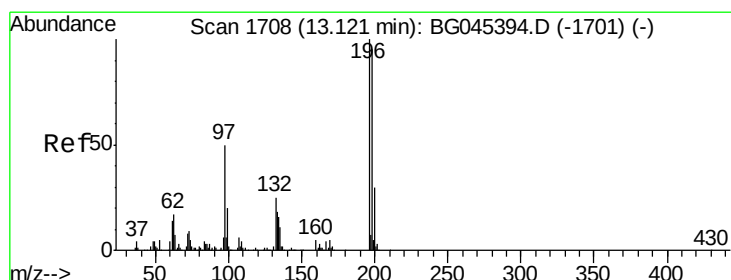
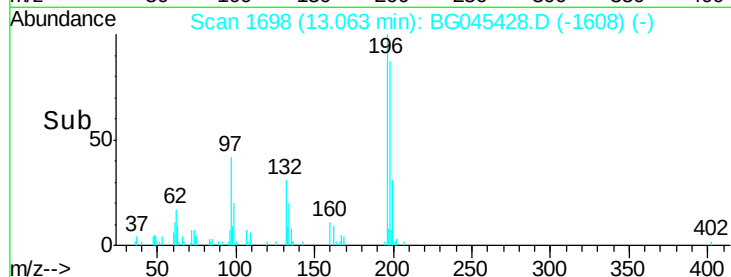
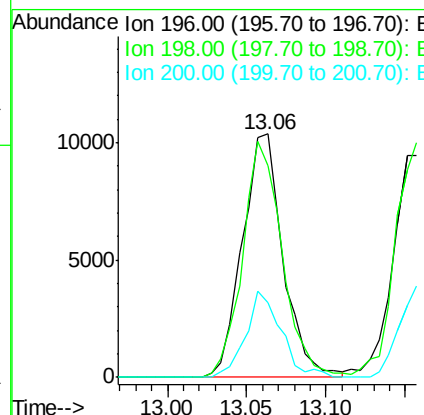
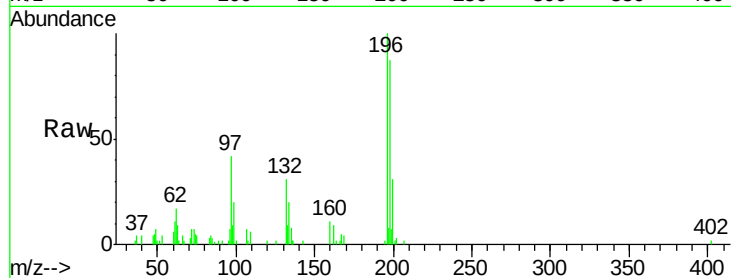




#43
2,4,6-Trichlorophenol
Concen: 3.489 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

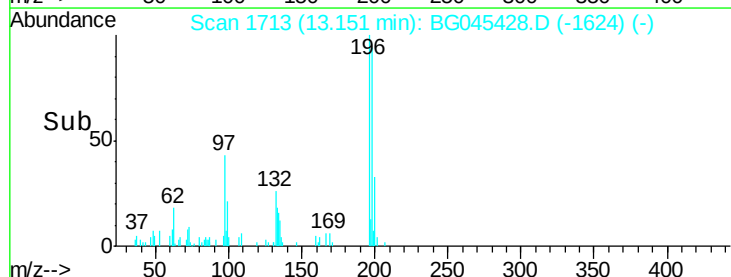
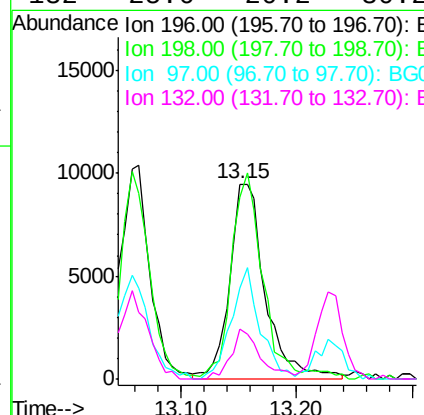
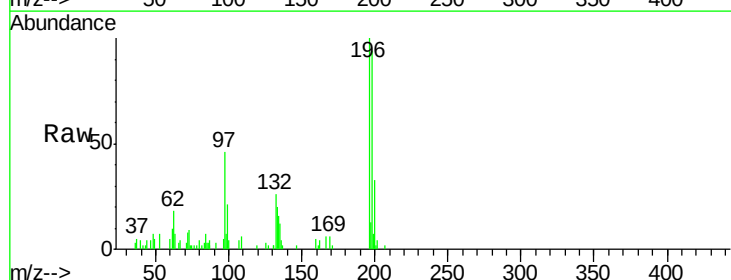
Instrument :
BNA_G
ClientSampled :

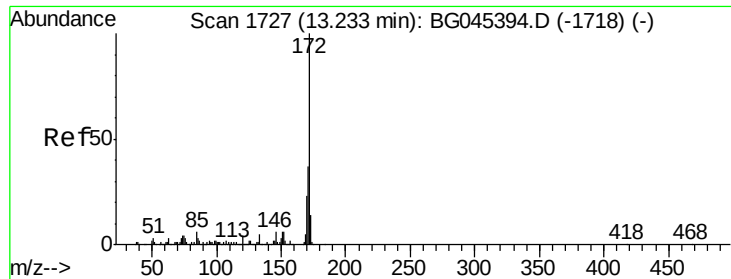
Tot Ion:196 Resp: 18423
Ion Ratio Lower Upper
196 100
198 87.2 76.7 115.1
200 30.9 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 3.360 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:196 Resp: 20274
Ion Ratio Lower Upper
196 100
198 93.6 76.1 114.1
97 46.3 40.0 60.0
132 25.6 20.2 30.2

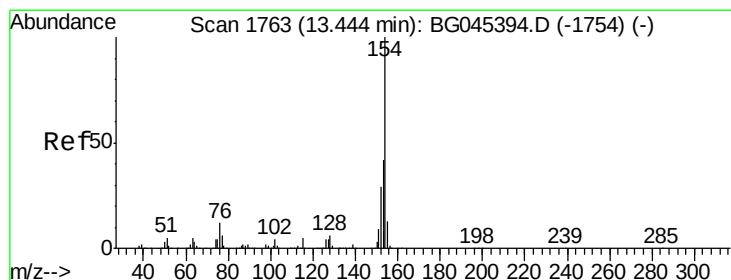
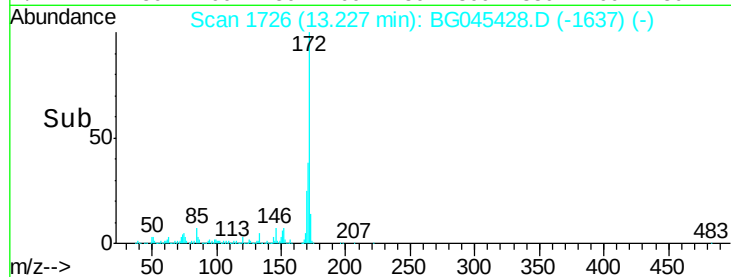
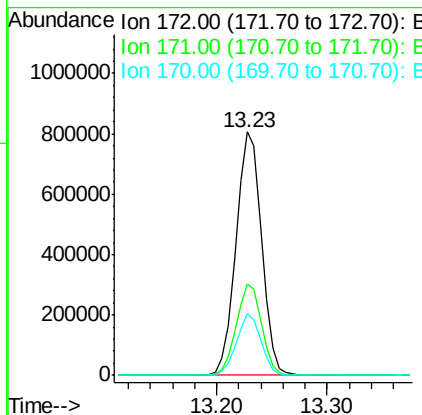
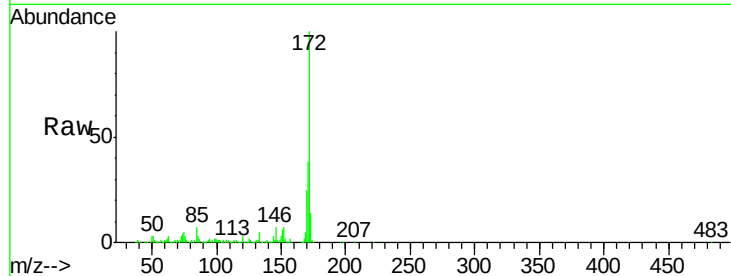




#45
2-Fluorobiphenyl
Concen: 81.890 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

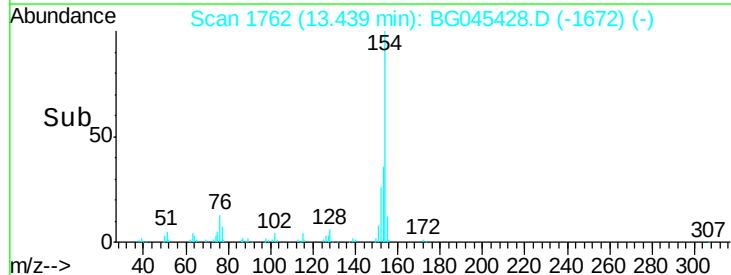
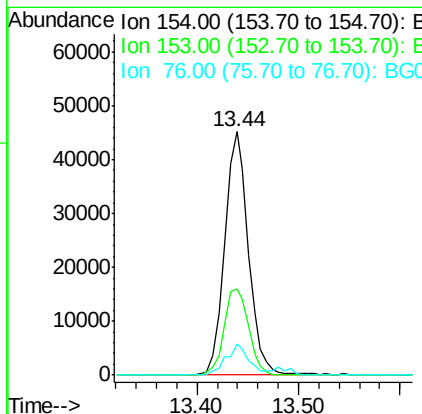
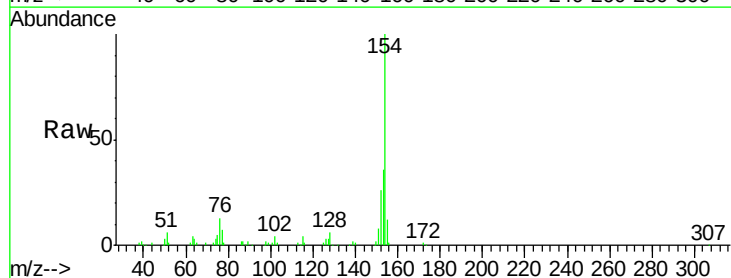
Instrument :
BNA_G
ClientSampleId :

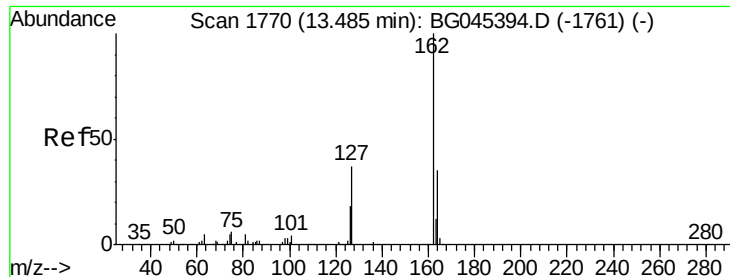
Tot Ion:172 Resp: 1313680
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 25.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 4.372 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:154 Resp: 73092
Ion Ratio Lower Upper
154 100
153 35.6 22.2 62.2
76 12.8 0.0 32.4

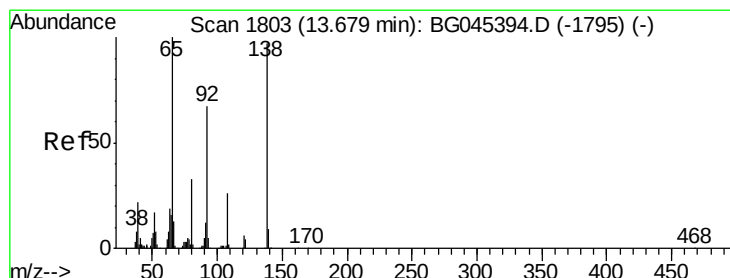
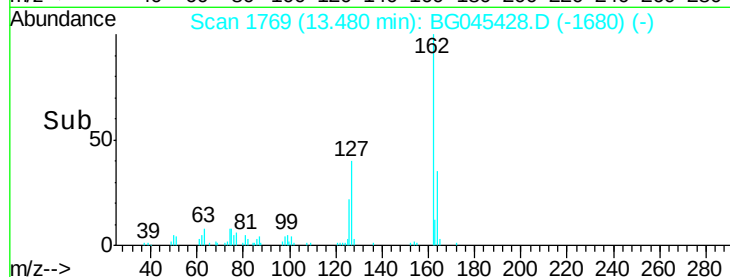
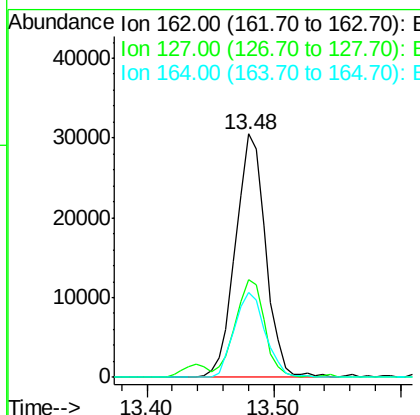
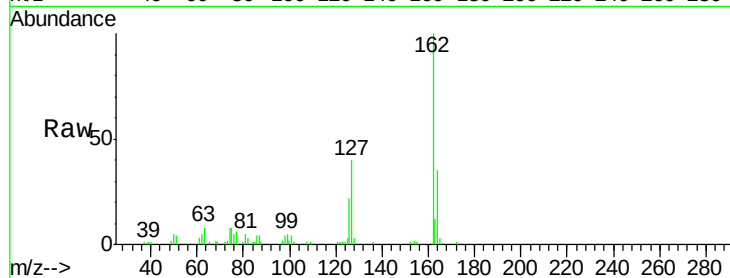




#47
 2-Chloronaphthalene
 Concen: 3.698 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

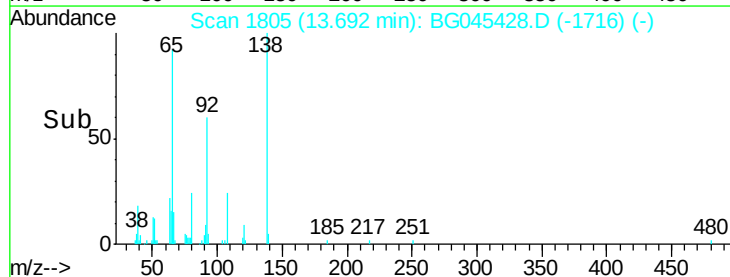
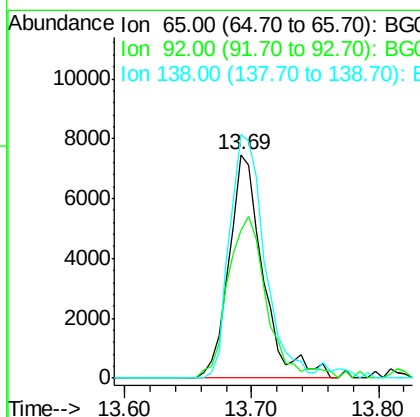
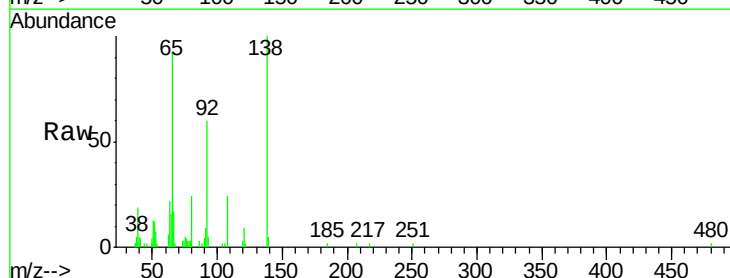
Instrument :
 BNA_G
 ClientSampleId :

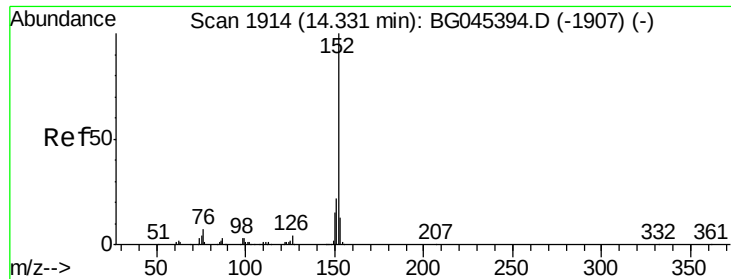
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.6	47.4
164	34.8	28.1	42.1



#48
 2-Nitroaniline
 Concen: 3.083 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.8	80.8
138	109.1	77.9	116.9





#49

Acenaphthylene

Concen: 4.015 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

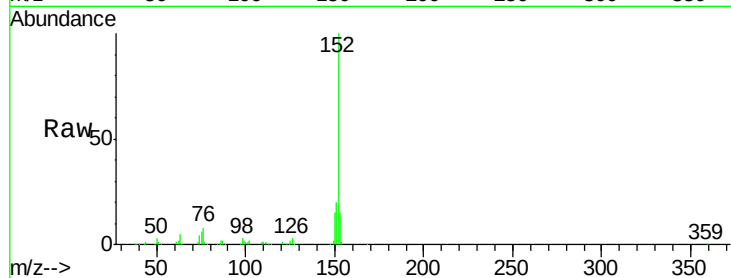
Tot Ion:152 Resp: 87548

Ion Ratio Lower Upper

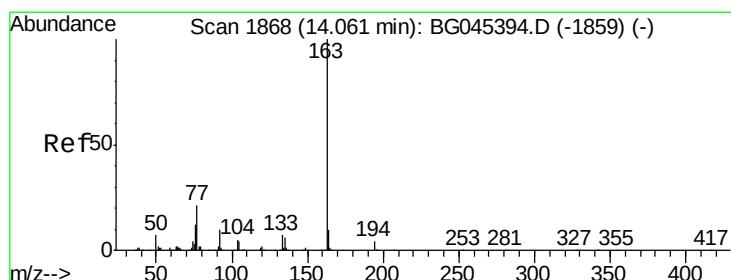
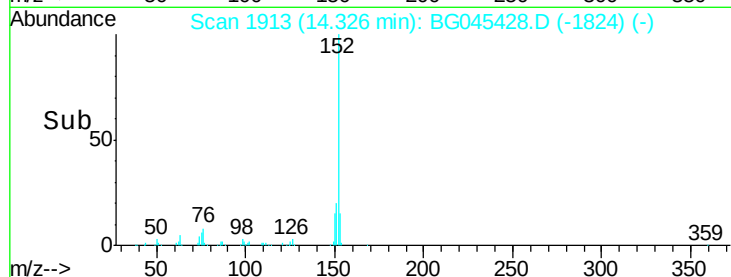
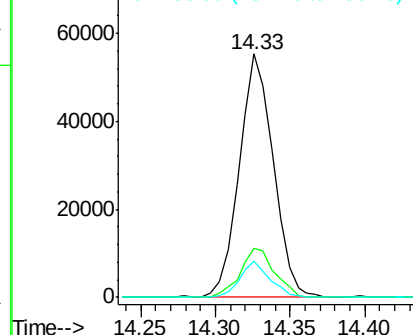
152 100

151 20.0 17.4 26.2

153 14.9 10.7 16.1



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



#50

Dimethylphthalate

Concen: 3.916 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

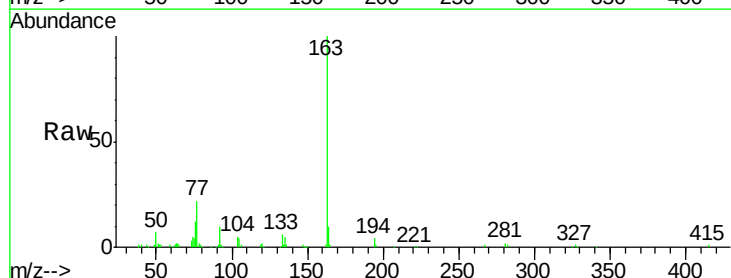
Tgt Ion:163 Resp: 73098

Ion Ratio Lower Upper

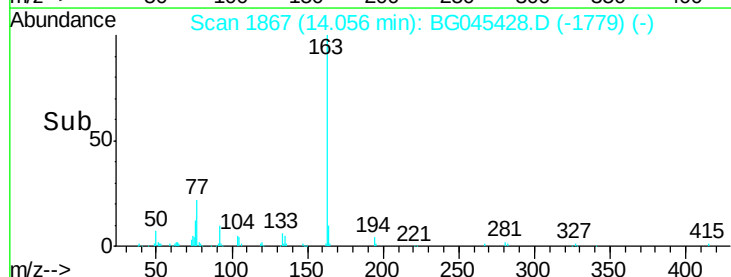
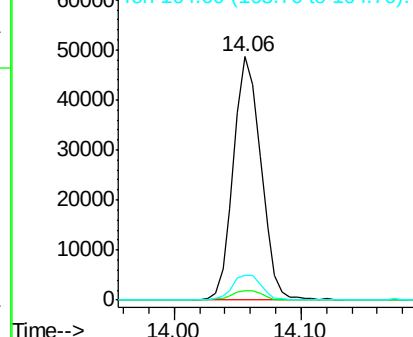
163 100

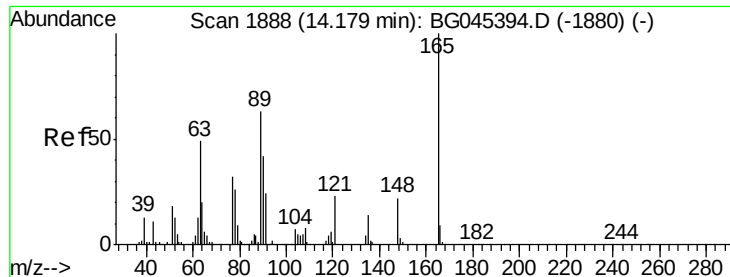
194 3.9 3.2 4.8

164 10.3 8.3 12.5



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





#51

2,6-Dinitrotoluene

Concen: 3.814 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

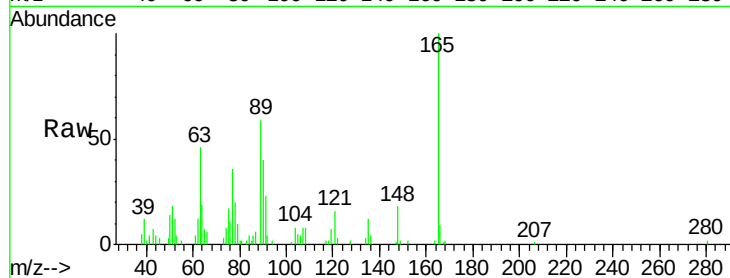
Tot Ion:165 Resp: 16064

Ion Ratio Lower Upper

165 100

63 45.5 45.0 67.4

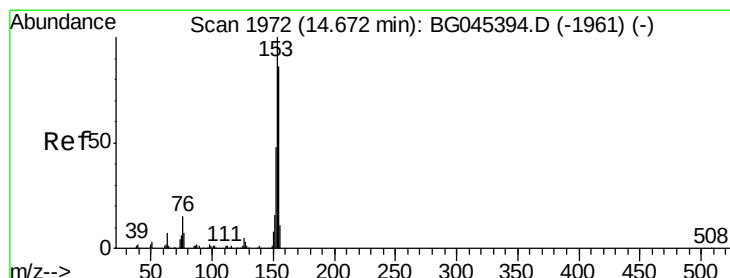
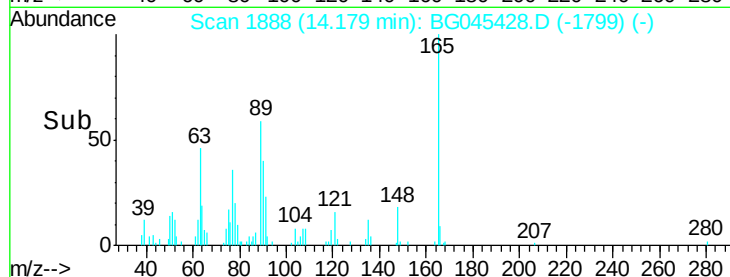
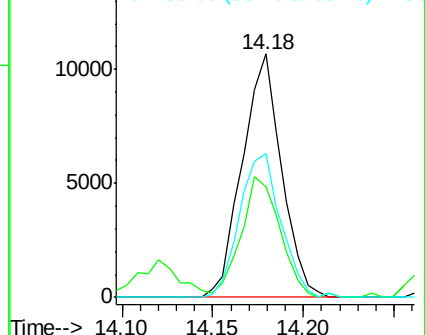
89 59.0 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 3.566 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

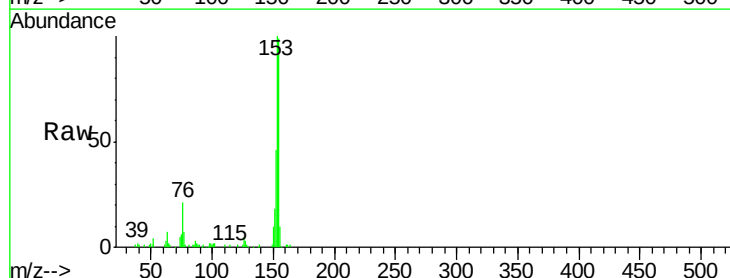
Tgt Ion:154 Resp: 52058

Ion Ratio Lower Upper

154 100

153 100.6 92.8 139.2

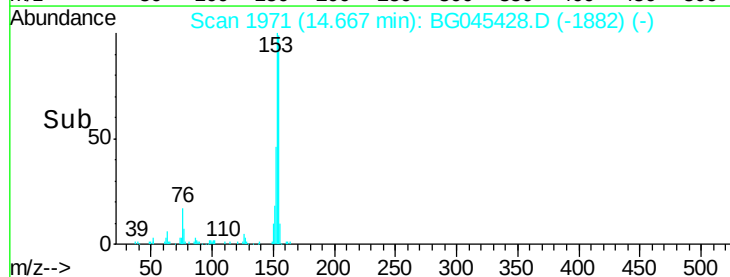
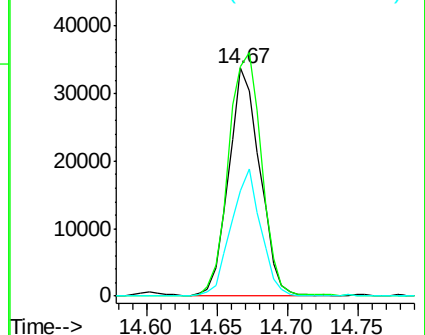
152 46.3 44.6 66.8

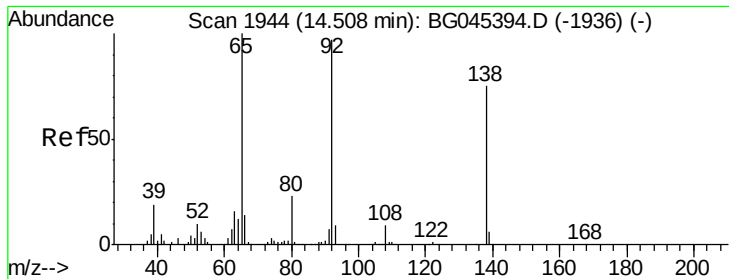


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

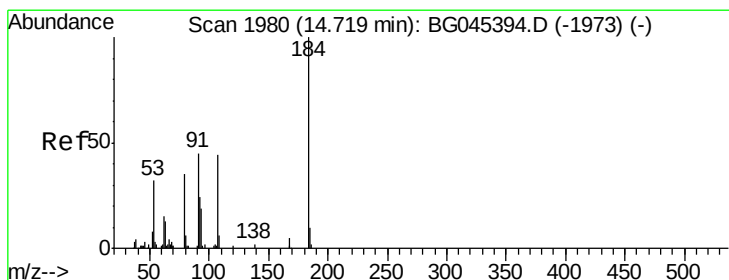
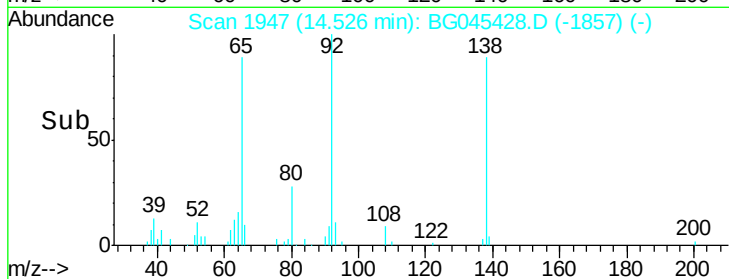
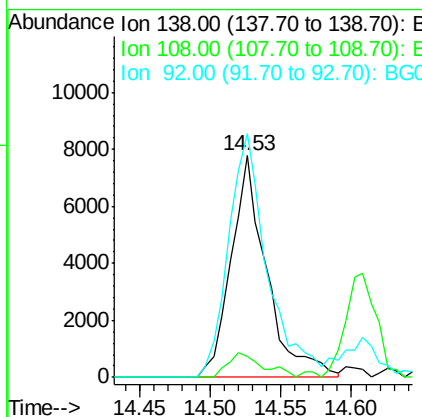
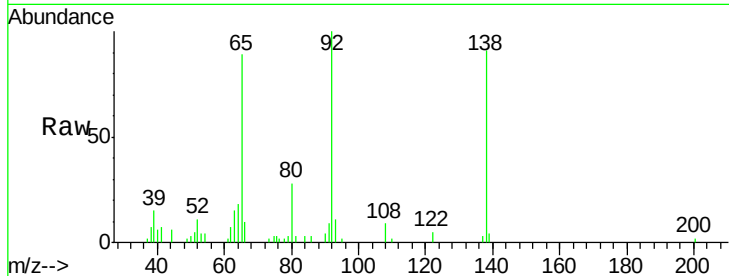




#53
 3-Nitroaniline
 Concen: 3.197 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

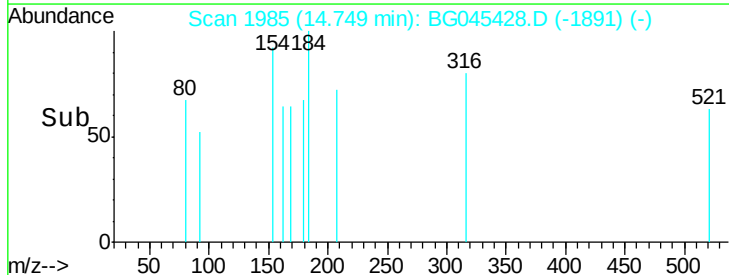
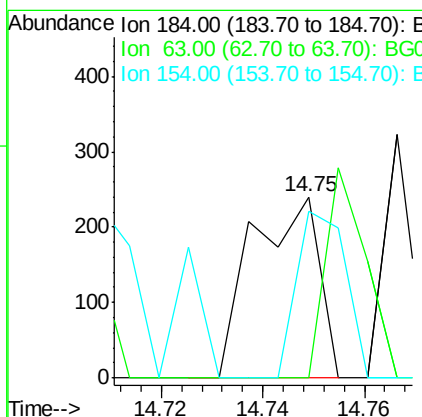
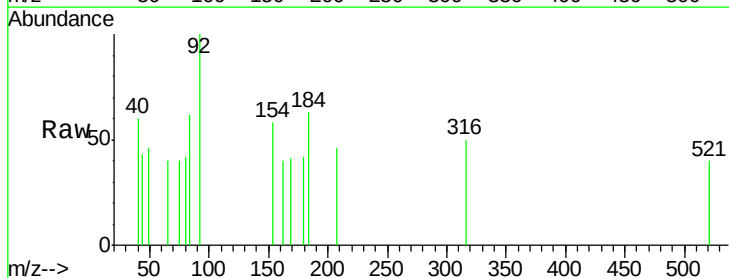
Instrument :
 BNA_G
 ClientSampleId :

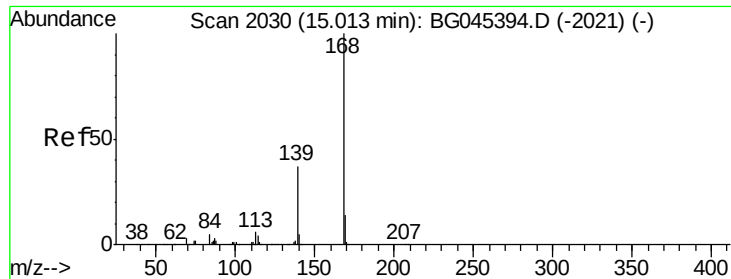
Tot Ion:138 Resp: 13687
 Ion Ratio Lower Upper
 138 100
 108 9.6 9.8 14.6#
 92 109.8 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 0.090 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. 0.02 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion:184 Resp: 219
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.8 71.6#
 154 92.1 58.3 87.5#

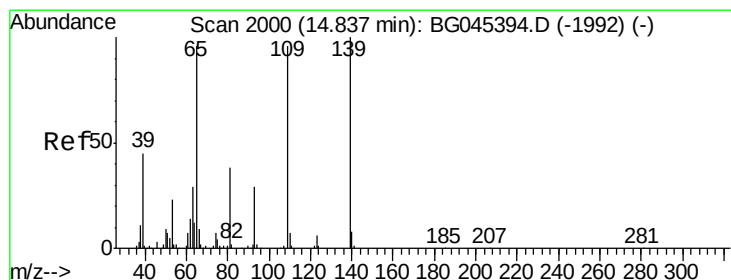
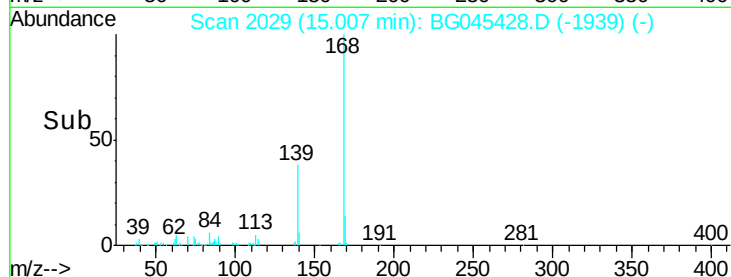
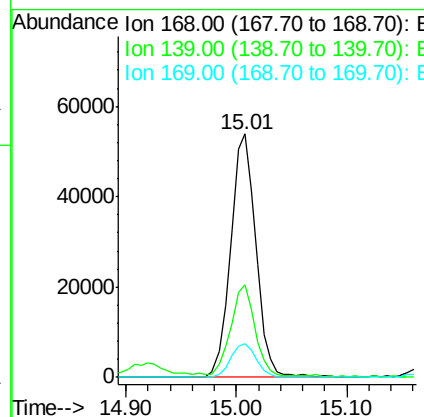
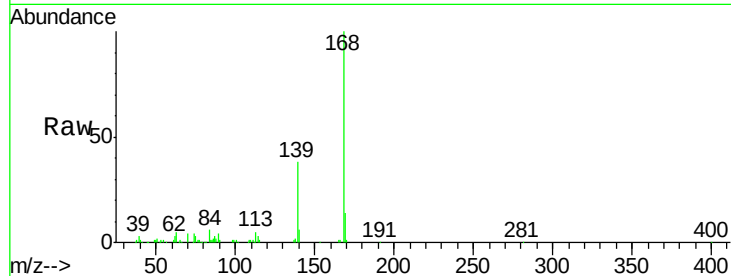




#55
Dibenzofuran
Concen: 3.982 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

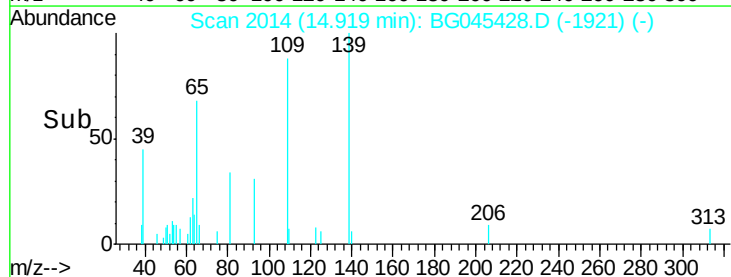
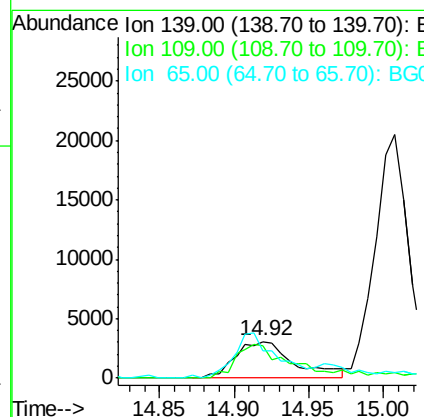
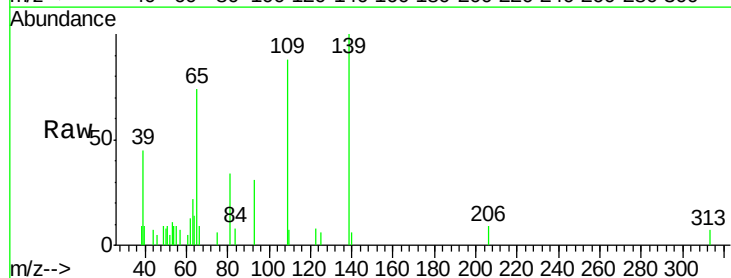
Instrument :
BNA_G
ClientSampleId :

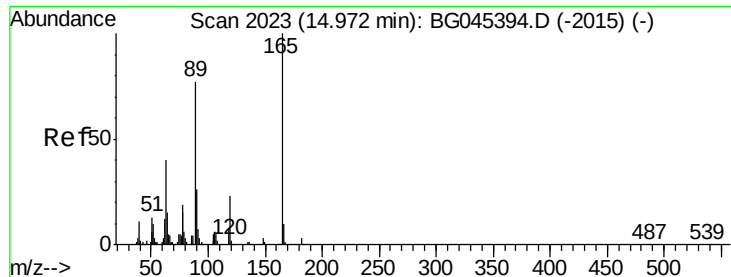
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.9	44.9
169	13.7	10.9	16.3



#56
4-Nitrophenol
Concen: 2.609 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.5	75.6	115.6
65	73.5	76.8	116.8#

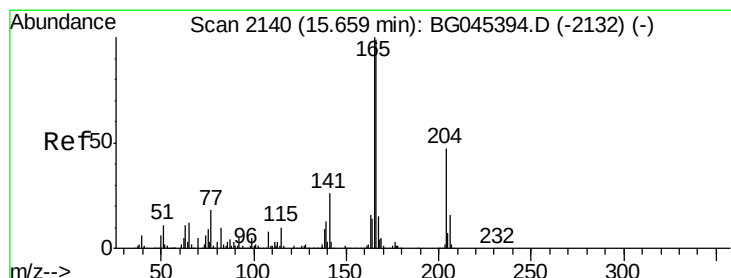
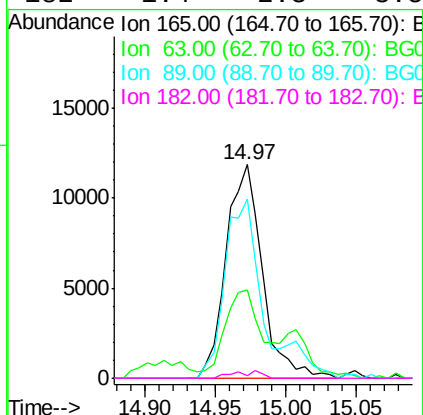
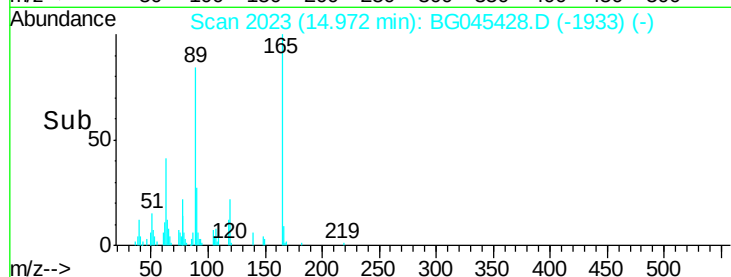
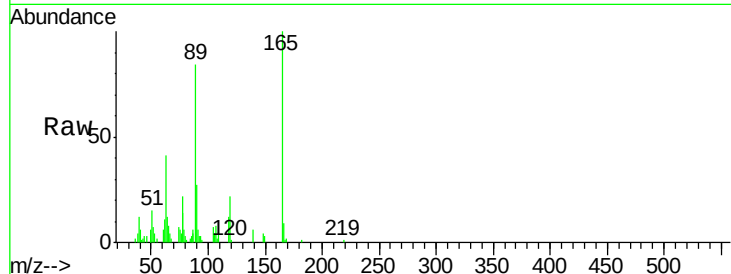




#57
 2,4-Dinitrotoluene
 Concen: 3.455 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

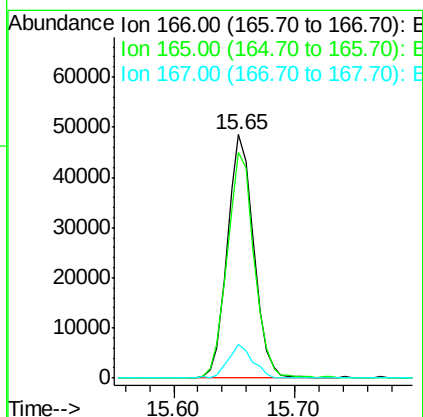
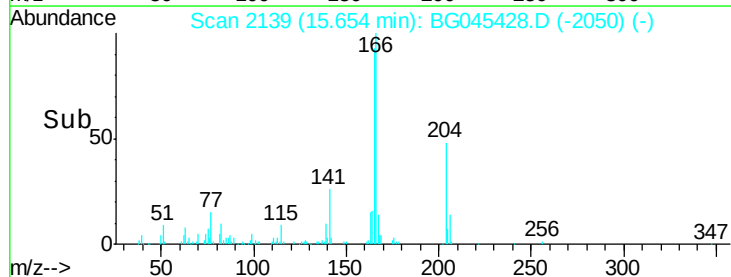
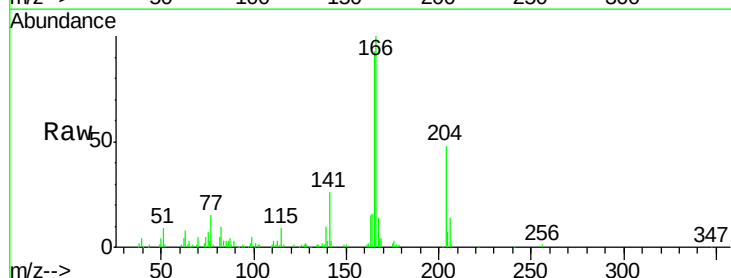
Instrument :
 BNA_G
 ClientSampleId :

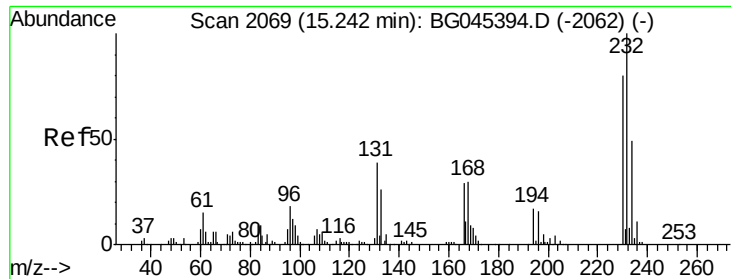
Tot Ion:165 Resp: 21074
 Ion Ratio Lower Upper
 165 100
 63 41.1 32.5 48.7
 89 84.1 61.8 92.6
 182 1.4 2.3 3.5#



#58
 Fluorene
 Concen: 4.133 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion:166 Resp: 73604
 Ion Ratio Lower Upper
 166 100
 165 92.7 80.8 121.2
 167 13.7 12.0 18.0

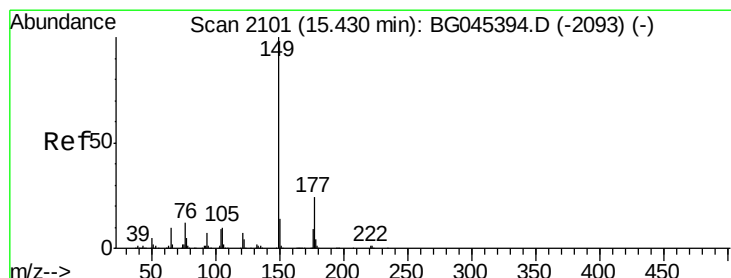
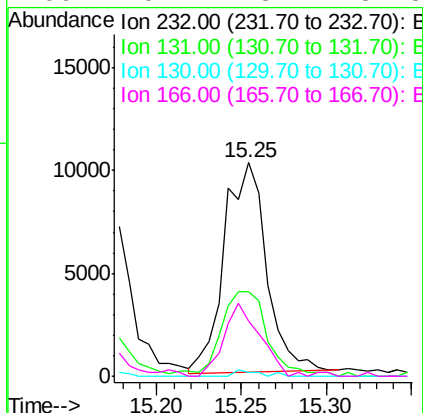
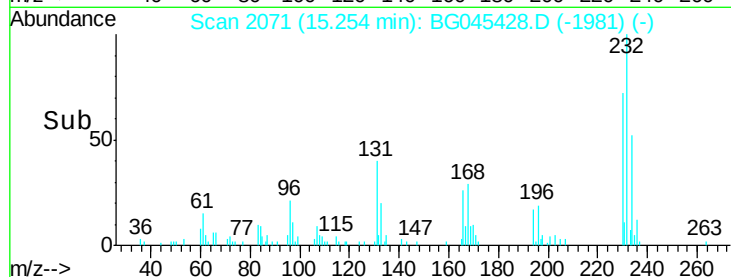
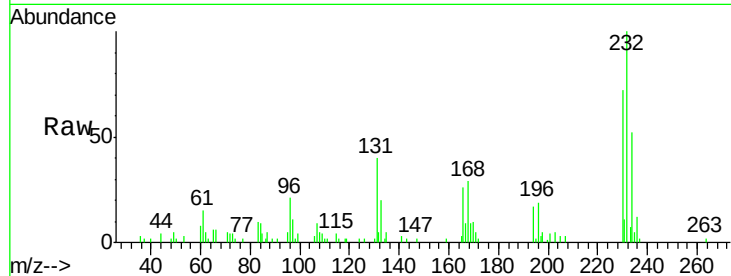




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.342 ng
 RT: 15.25 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

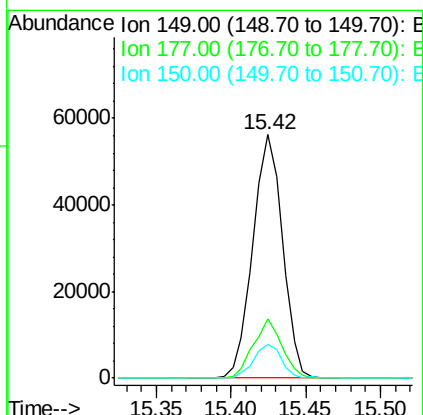
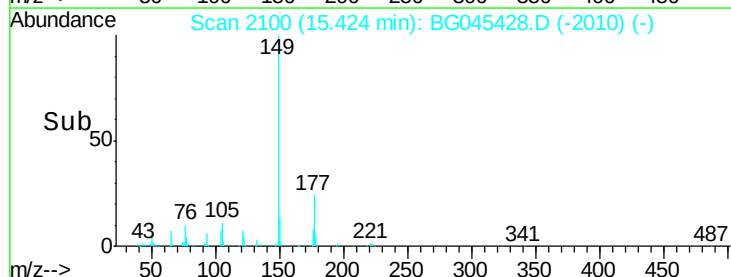
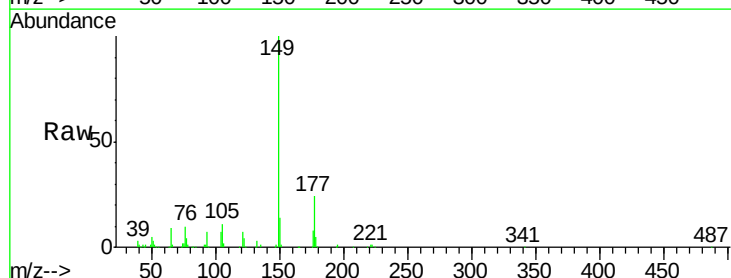
Instrument :
 BNA_G
 ClientSampleId :

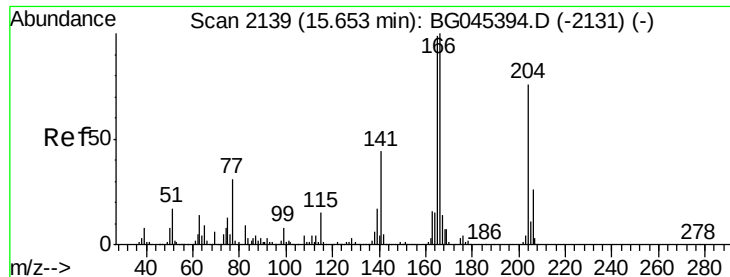
Tot Ion:232 Resp: 17740
 Ion Ratio Lower Upper
 232 100
 131 44.4 33.7 50.5
 130 1.7 2.1 3.1#
 166 29.7 23.2 34.8



#60
 Diethylphthalate
 Concen: 3.965 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion:149 Resp: 77038
 Ion Ratio Lower Upper
 149 100
 177 24.3 19.0 28.4
 150 13.6 11.4 17.0

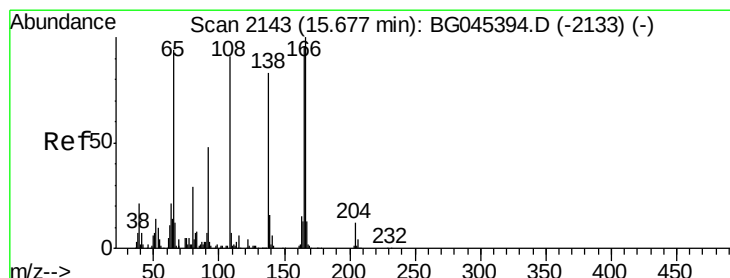
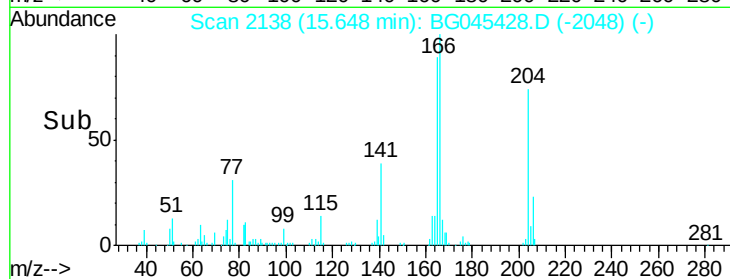
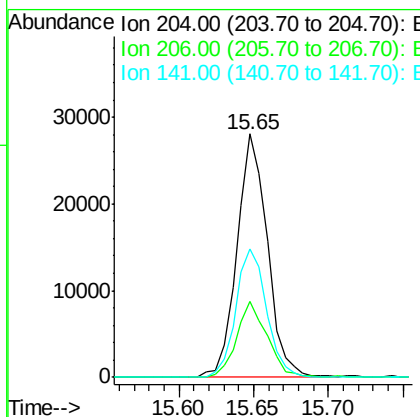
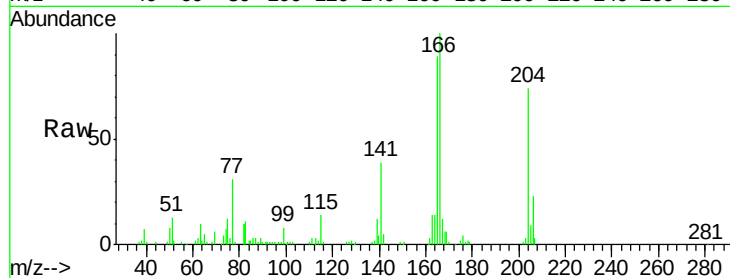




#61
 4-Chlorophenyl-phenylether
 Concen: 3.884 ng
 RT: 15.65 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

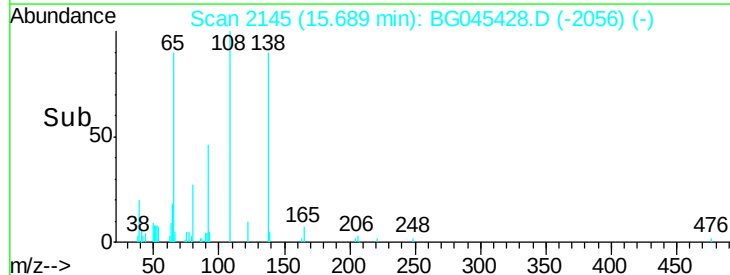
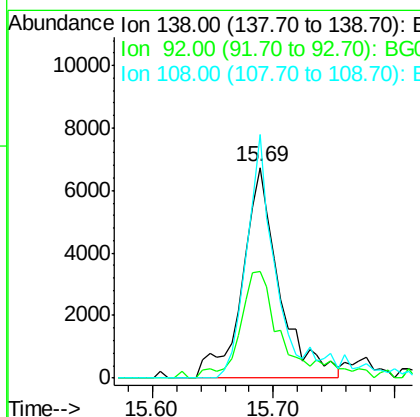
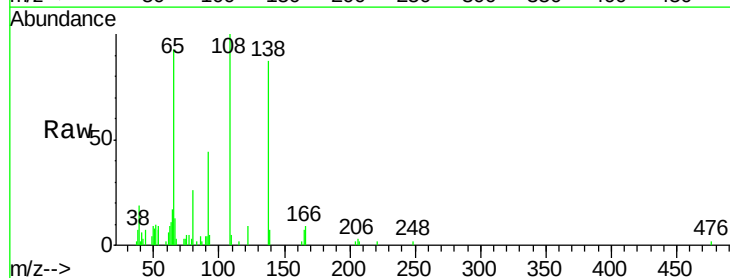
Instrument :
 BNA_G
 ClientSampleId :

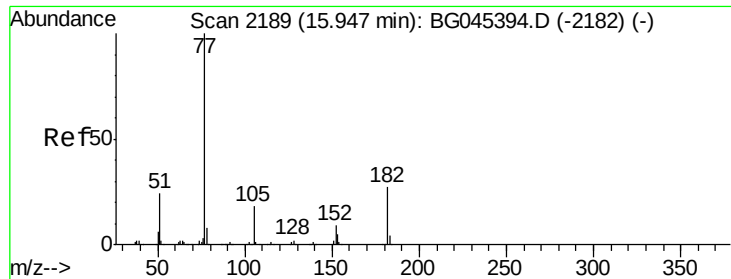
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.0	27.3	40.9
141	52.6	45.9	68.9



#62
 4-Nitroaniline
 Concen: 3.189 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	38.0	78.0
108	115.5	89.3	129.3

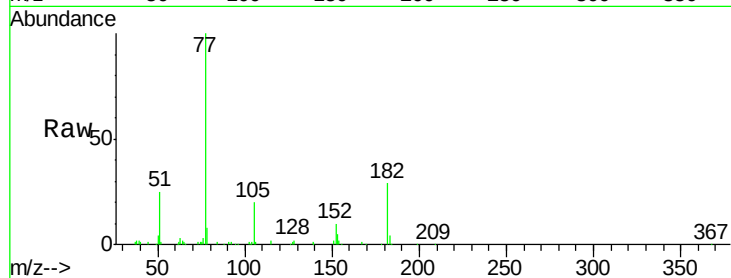




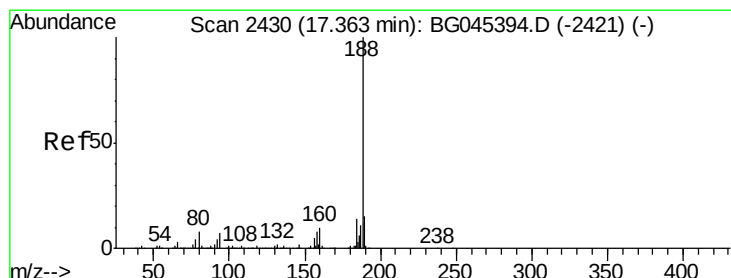
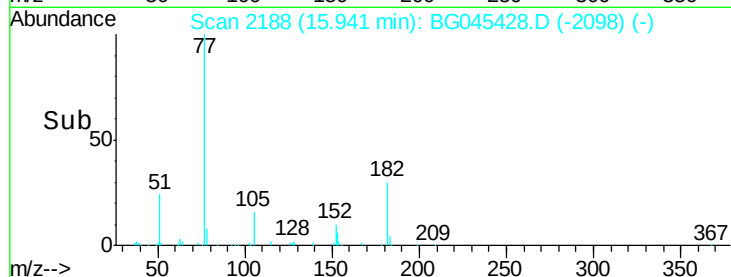
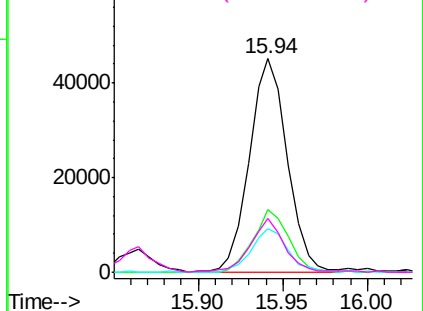
#63
Azobenzene
Concen: 3.871 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	70133
Ion	Ratio	Lower	Upper
77	100		
182	29.2	6.5	46.5
105	20.2	0.0	37.9
51	25.0	4.1	44.1

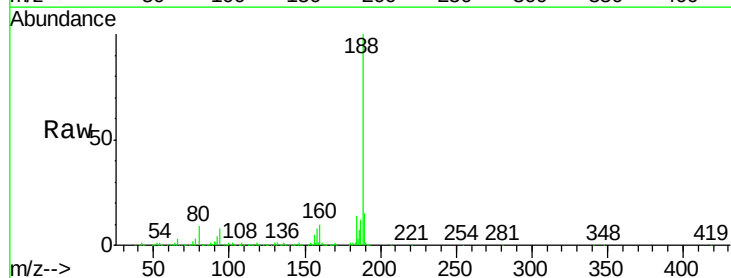


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

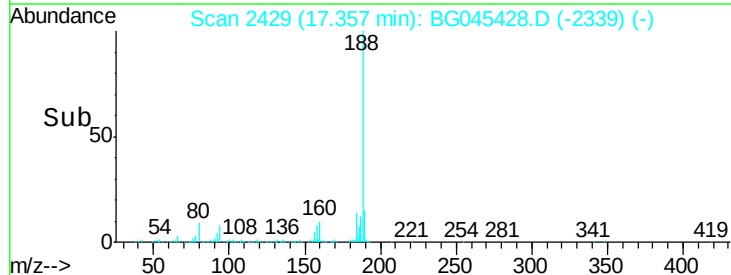
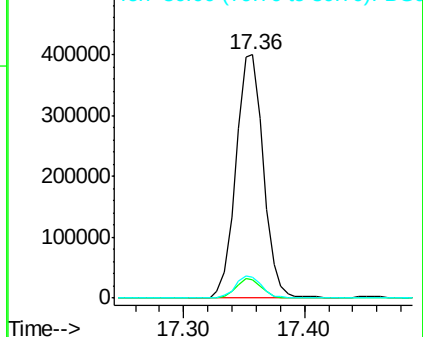


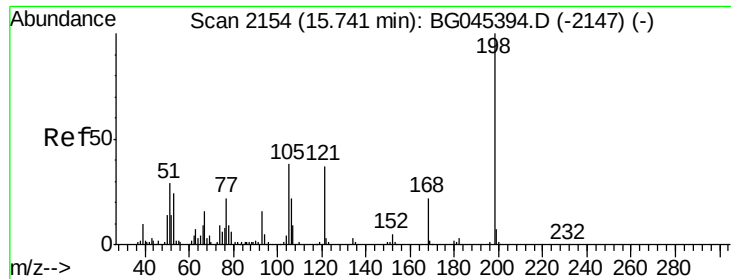
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:	188	Resp:	632625
Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.5	8.3
80	8.5	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

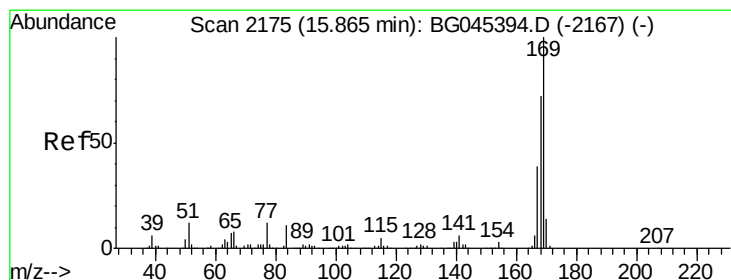
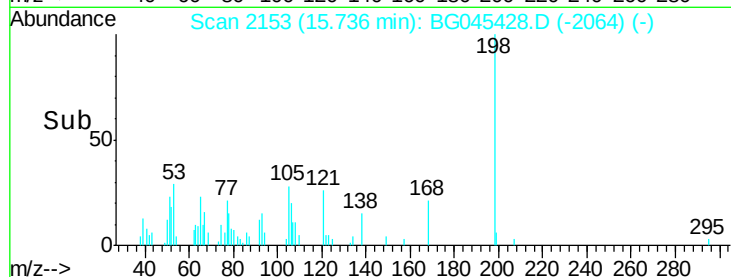
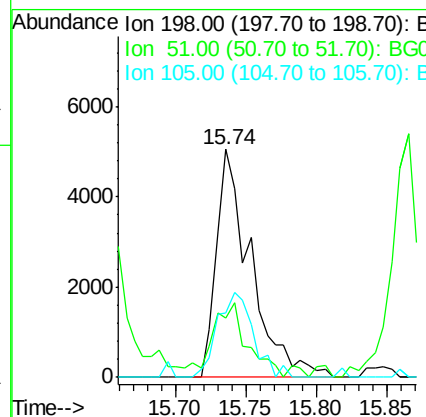
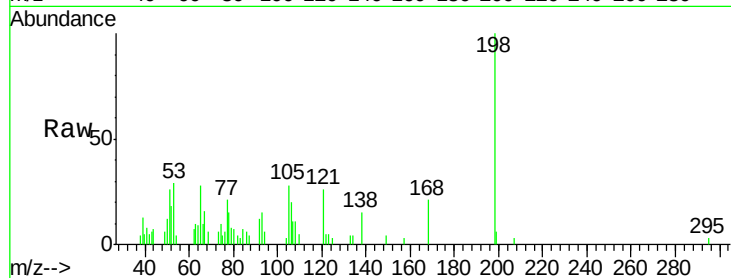




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.315 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

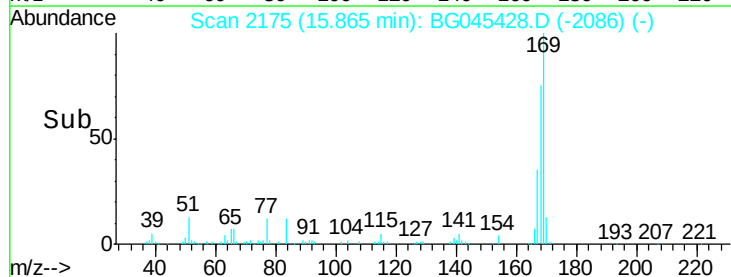
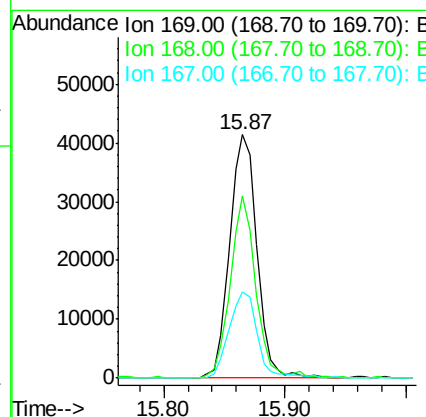
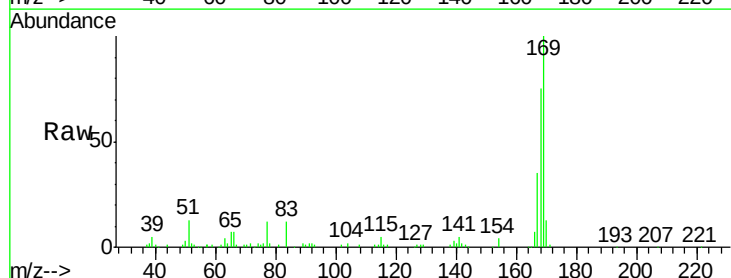
Instrument :
 BNA_G
 ClientSampleId :

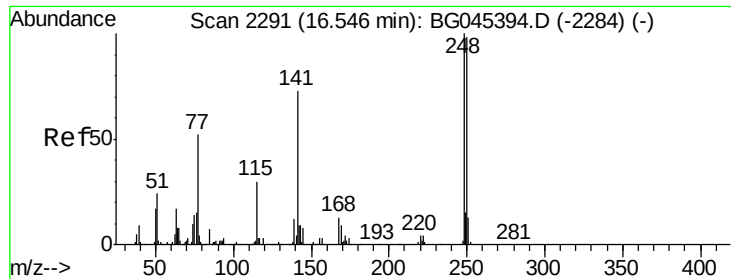
Tot Ion:198 Resp: 8529
 Ion Ratio Lower Upper
 198 100
 51 26.0 10.0 50.0
 105 28.5 18.9 58.9



#66
 n-Nitrosodiphenylamine
 Concen: 4.266 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion:169 Resp: 64801
 Ion Ratio Lower Upper
 169 100
 168 75.0 57.8 86.6
 167 35.3 31.5 47.3

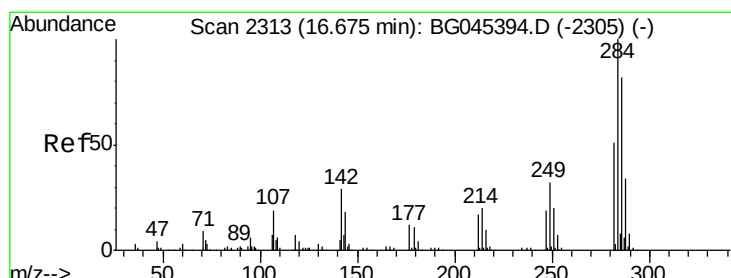
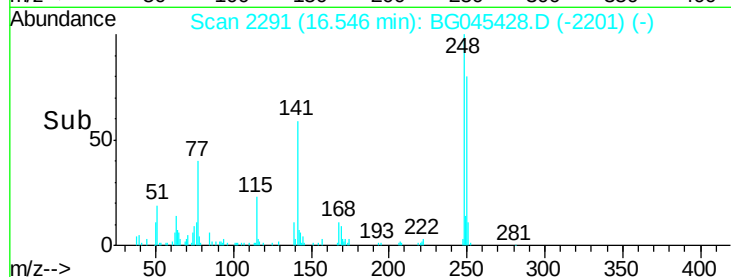
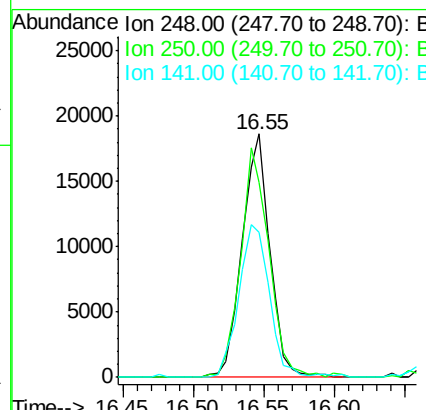
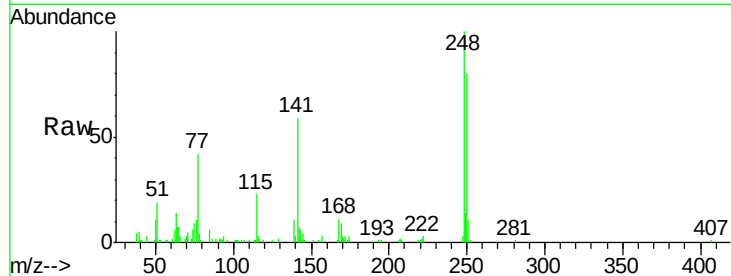




#67
4-Bromophenyl-phenylether
Concen: 3.735 ng
RT: 16.55 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

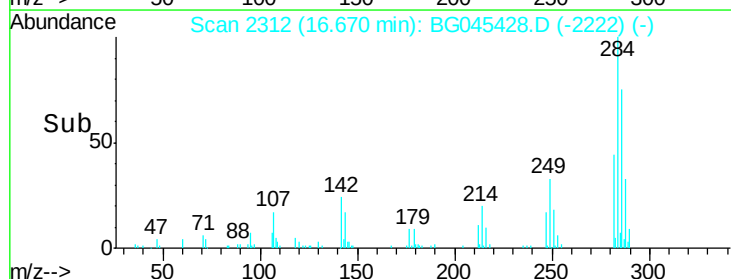
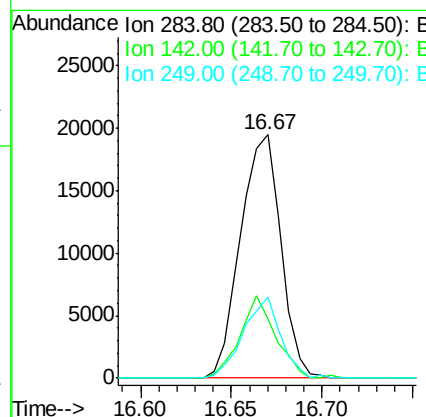
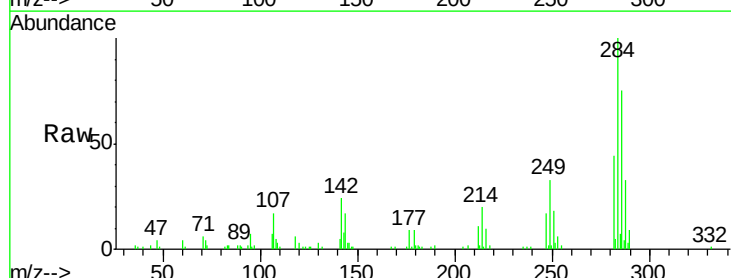
Instrument :
BNA_G
ClientSampled :

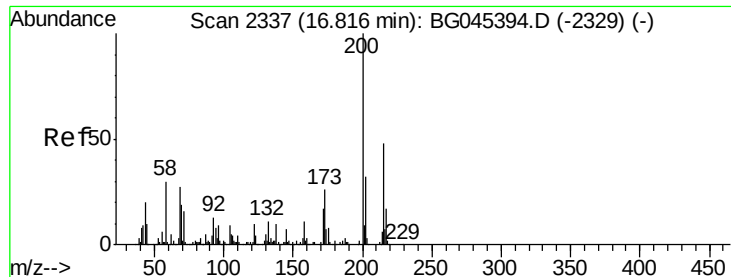
Tot Ion:248 Resp: 25585
Ion Ratio Lower Upper
248 100
250 79.8 78.6 117.8
141 59.4 58.2 87.2



#68
Hexachlorobenzene
Concen: 4.201 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:284 Resp: 30102
Ion Ratio Lower Upper
284 100
142 24.1 23.0 34.6
249 33.4 25.8 38.6





#69

Atrazine

Concen: 3.888 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

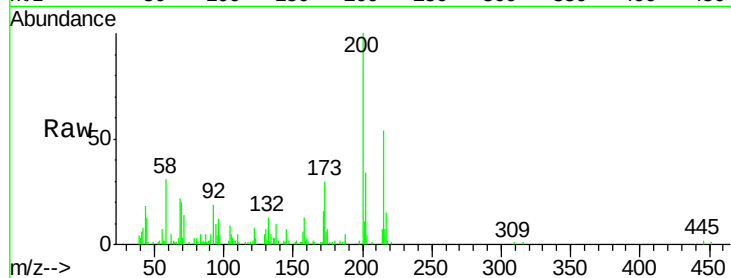
Tot Ion:200 Resp: 24324

Ion Ratio Lower Upper

200 100

173 29.6 5.5 45.5

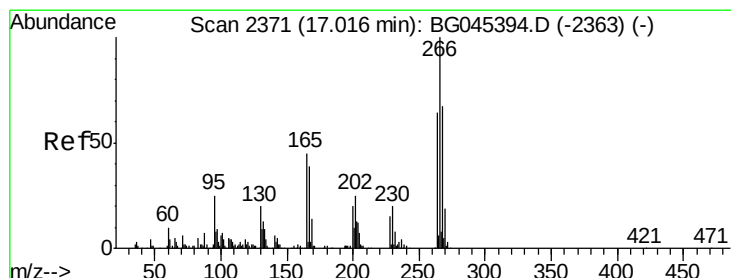
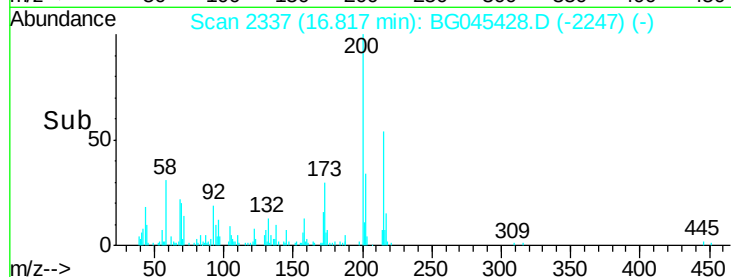
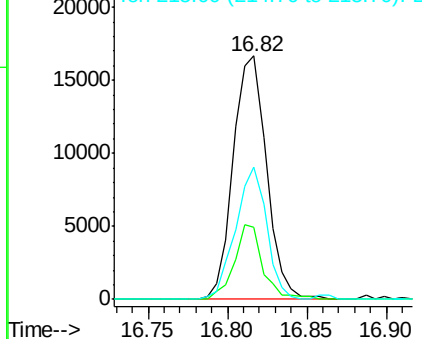
215 54.4 28.2 68.2



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: 0.545 ng

RT: 17.03 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

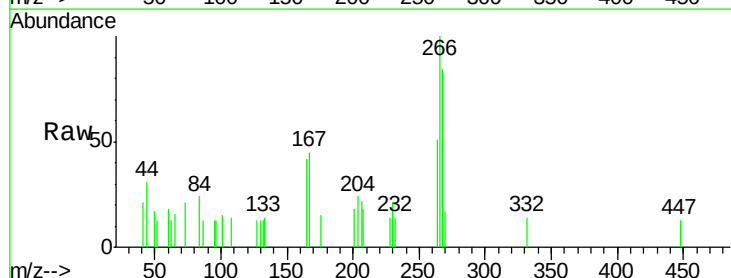
Tgt Ion:266 Resp: 2026

Ion Ratio Lower Upper

266 100

268 84.3 53.2 79.8#

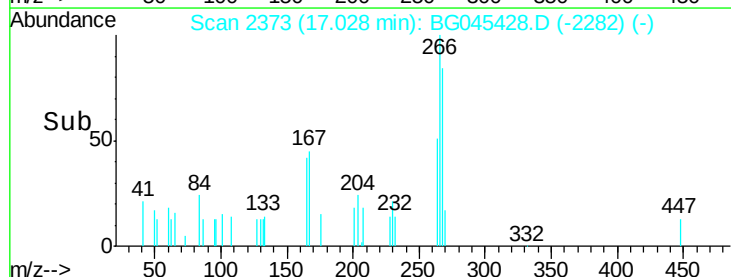
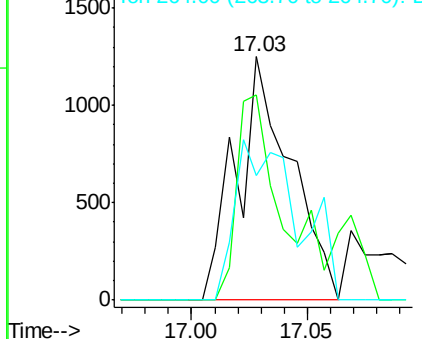
264 51.3 51.0 76.4

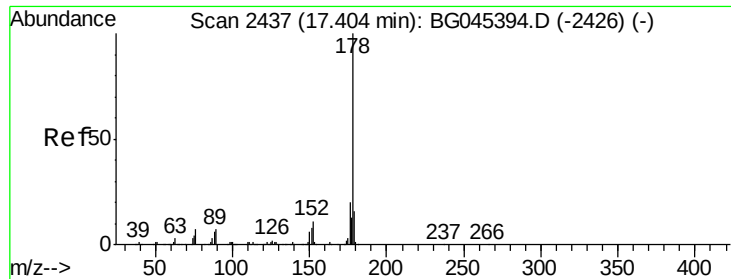


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 4.395 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

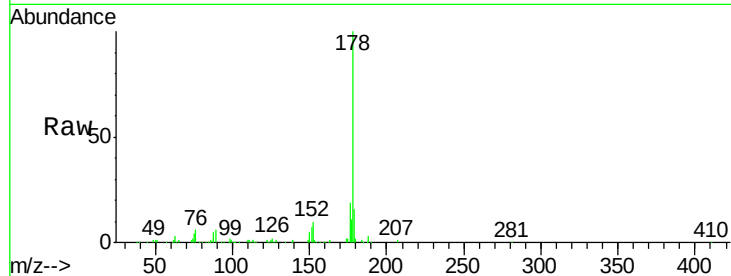
Tot Ion:178 Resp: 121383

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

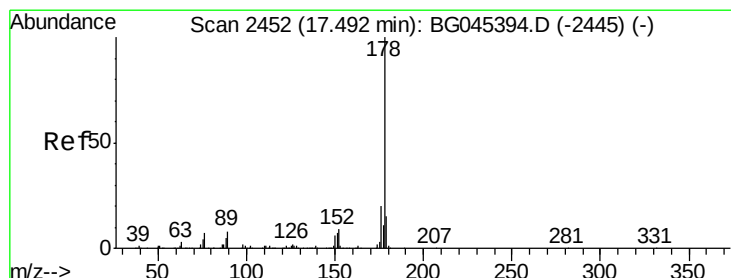
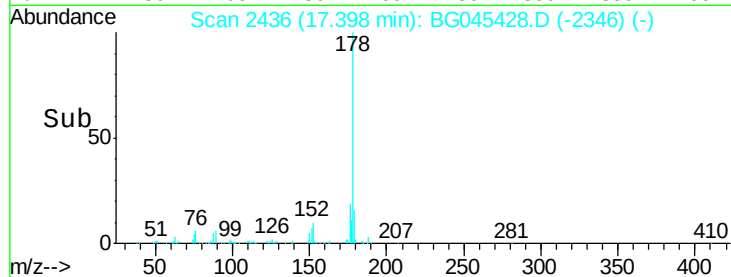
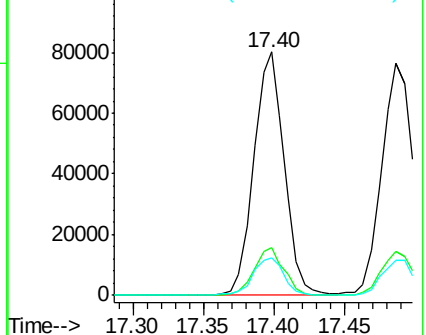
179 15.5 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 4.364 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

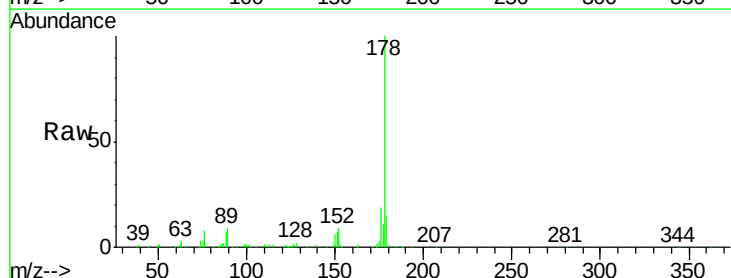
Tgt Ion:178 Resp: 121038

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

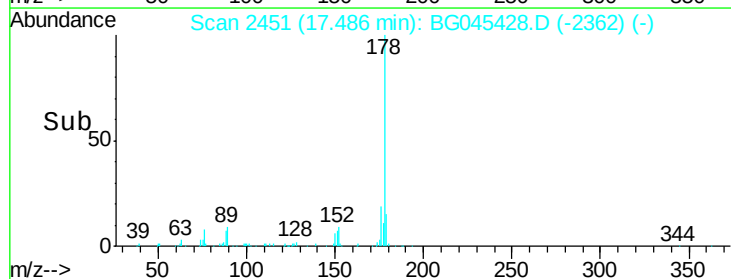
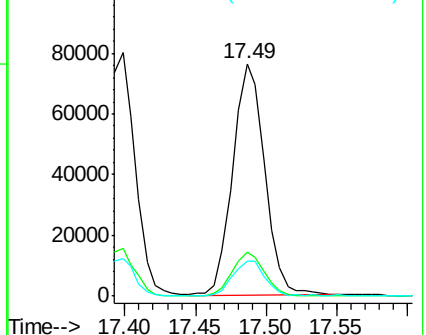
179 14.8 12.2 18.4

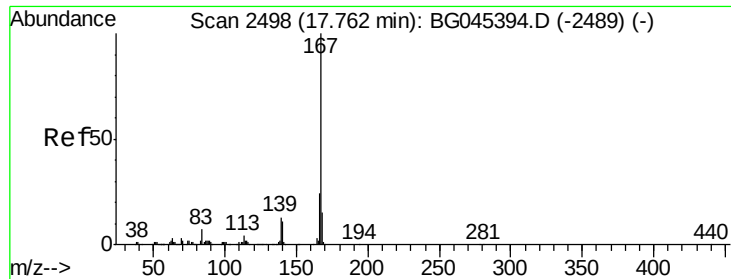


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

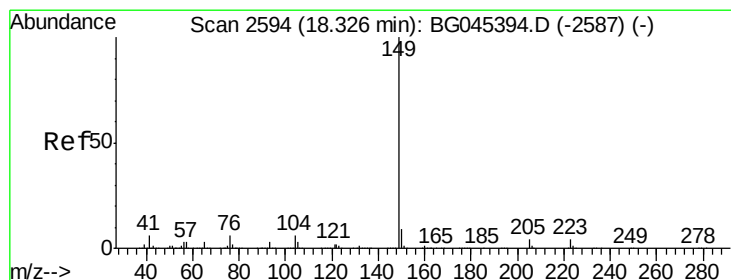
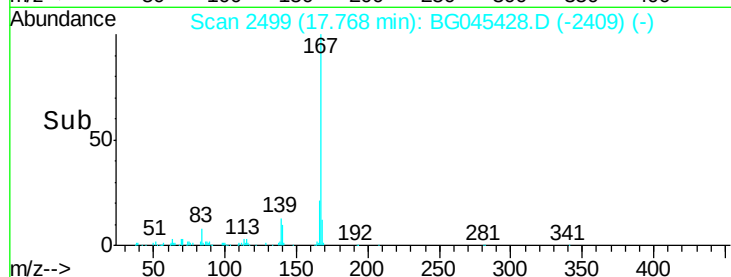
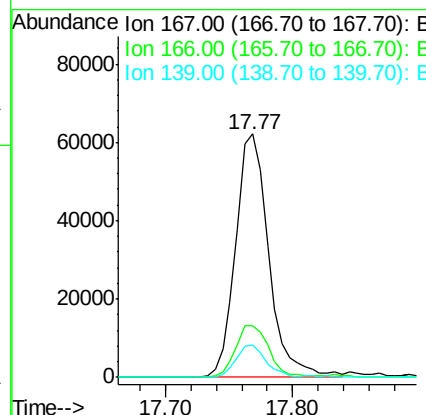
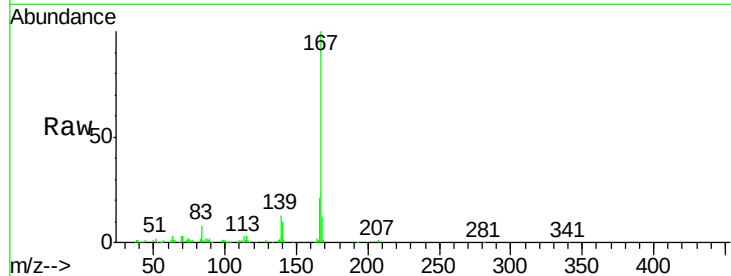




#73
 Carbazole
 Concen: 4.149 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

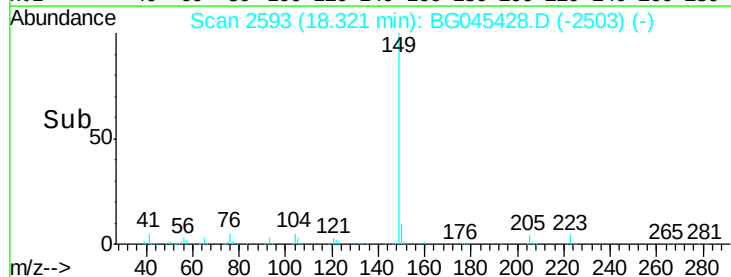
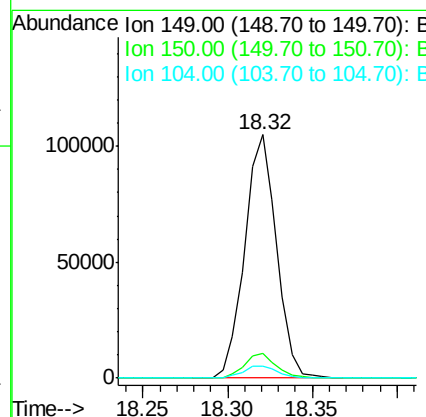
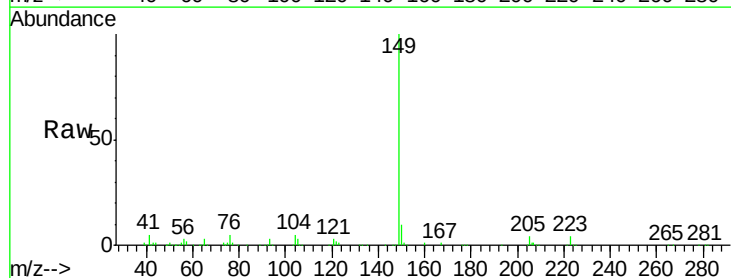
Instrument :
 BNA_G
 ClientSampleId :

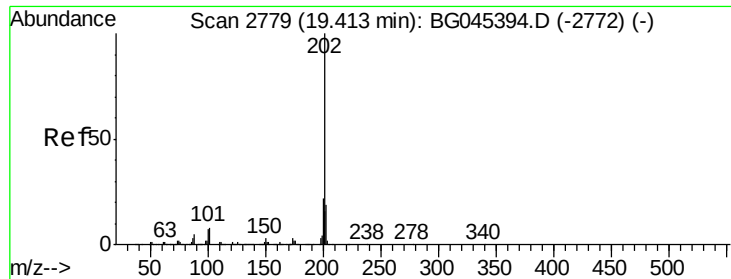
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	19.2	28.8
139	13.2	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 4.231 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	4.7	5.0	7.4#





#75

Fluoranthene

Concen: 4.401 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045428.D

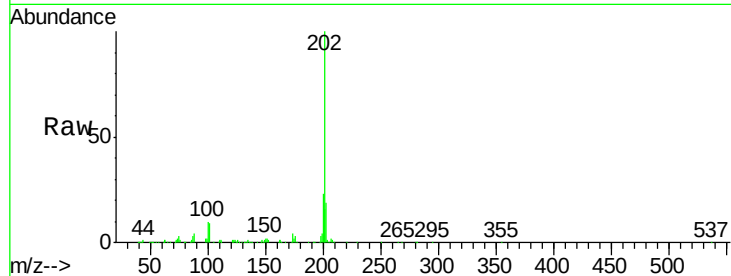
Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

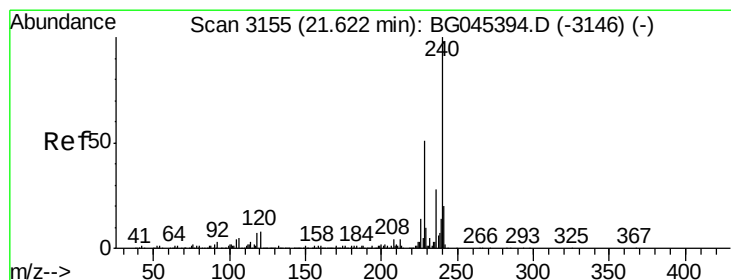
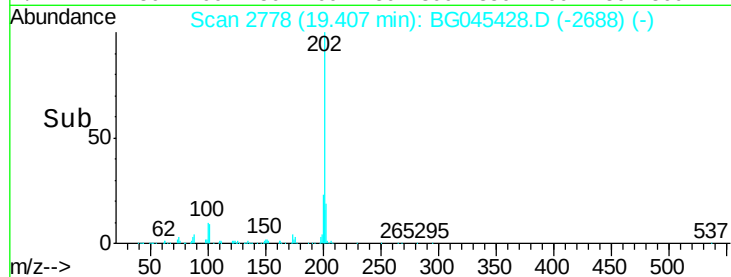
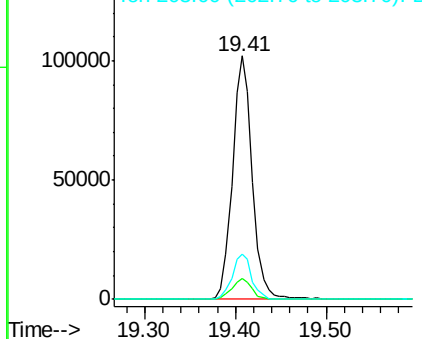
Tot Ion:	202	Resp:	154597
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.3
203	18.6	0.0	39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

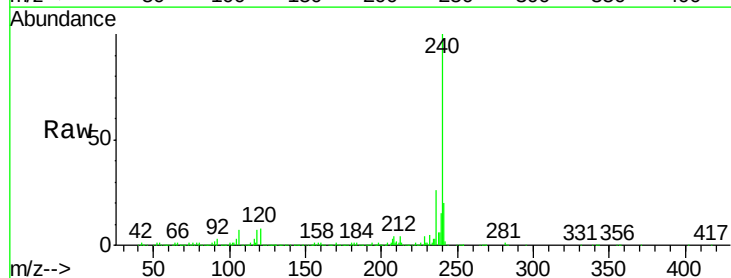
RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

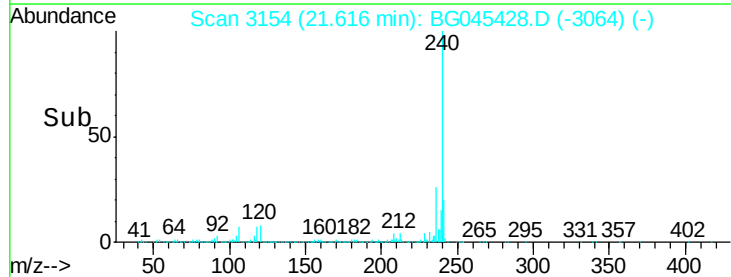
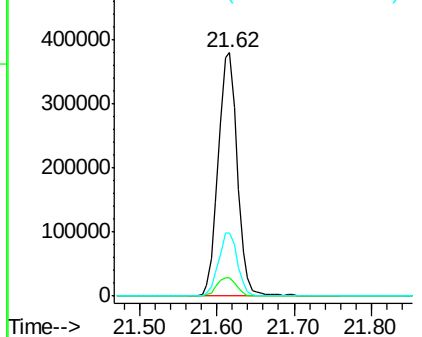
Tgt Ion:	240	Resp:	653057
Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.1	9.1
236	25.8	22.3	33.5

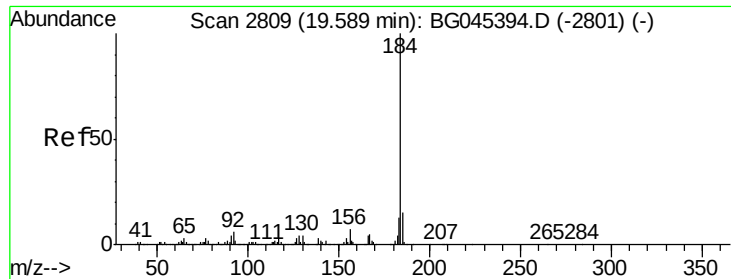


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.740 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

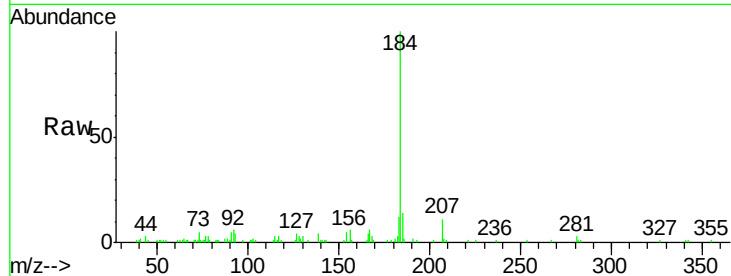
Tot Ion:184 Resp: 50253

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

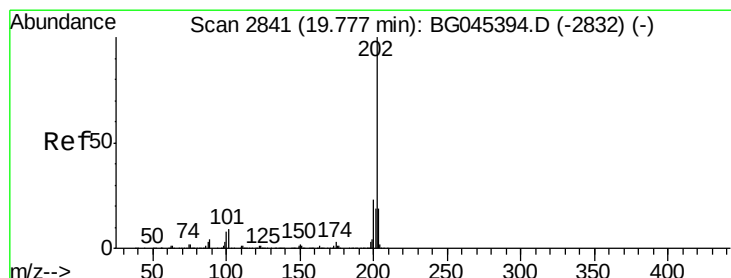
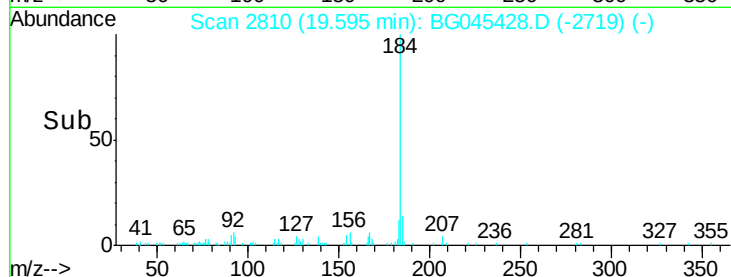
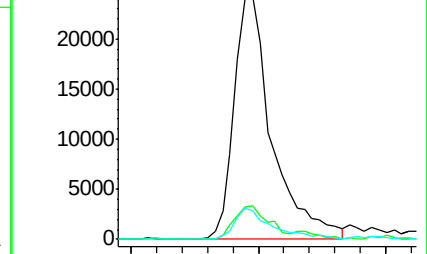
183 11.6 10.2 15.4



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: 4.375 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

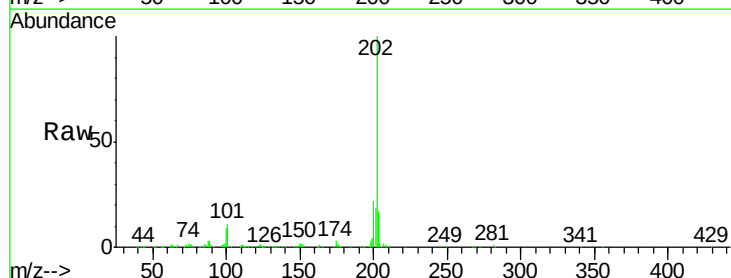
Tgt Ion:202 Resp: 162878

Ion Ratio Lower Upper

202 100

200 21.6 18.2 27.2

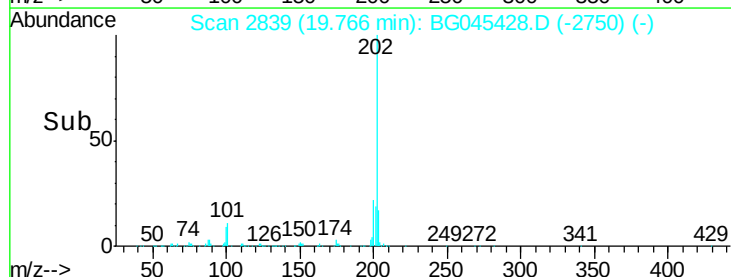
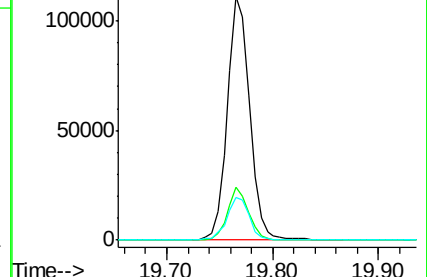
203 17.3 15.1 22.7

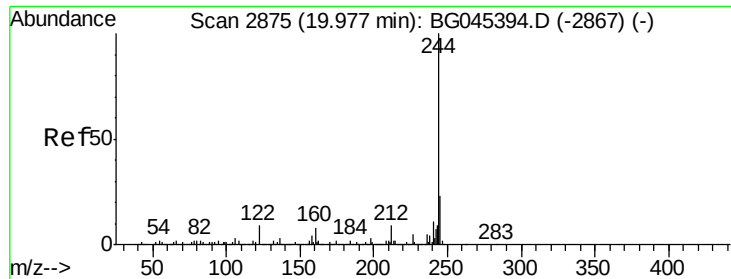


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.754 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

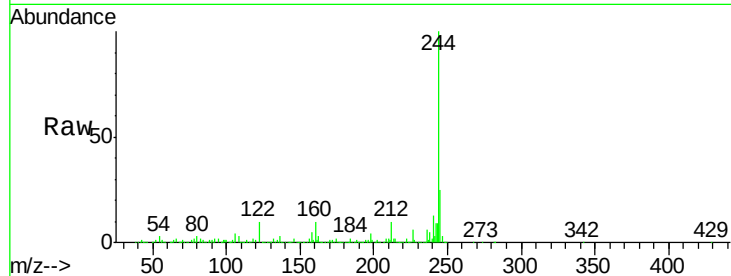
Tot Ion:244 Resp: 2345160

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.4	11.0
122	10.1	6.8	10.2

244 100

212 10.3 7.4 11.0

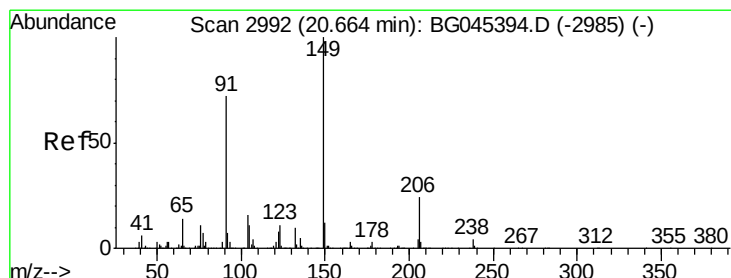
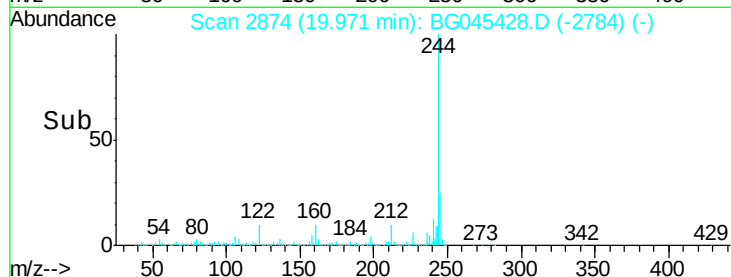
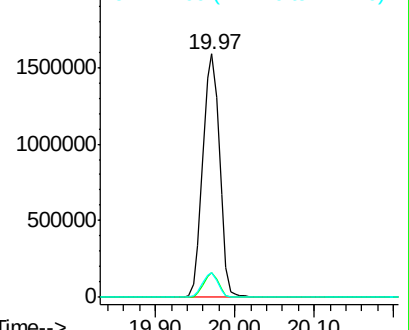
122 10.1 6.8 10.2



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: 3.886 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

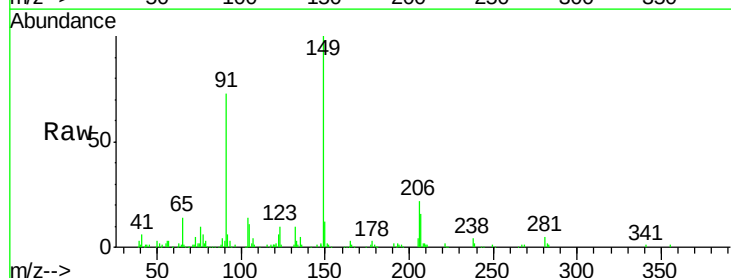
Tgt Ion:149 Resp: 62439

Ion	Ratio	Lower	Upper
149	100		
91	72.6	57.8	86.6
206	22.0	19.1	28.7

149 100

91 72.6 57.8 86.6

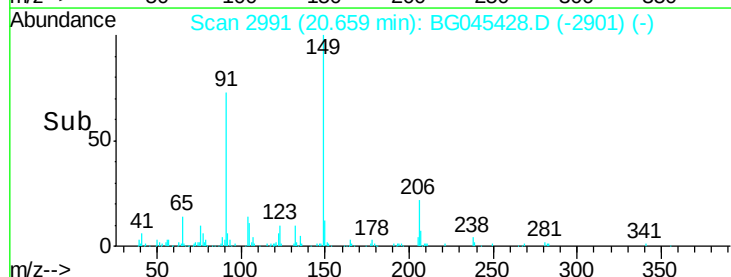
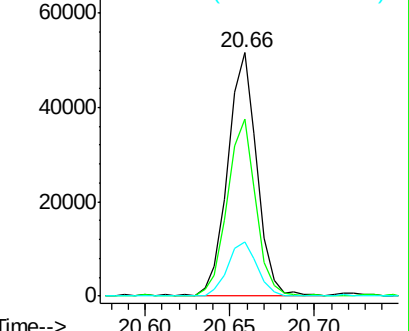
206 22.0 19.1 28.7

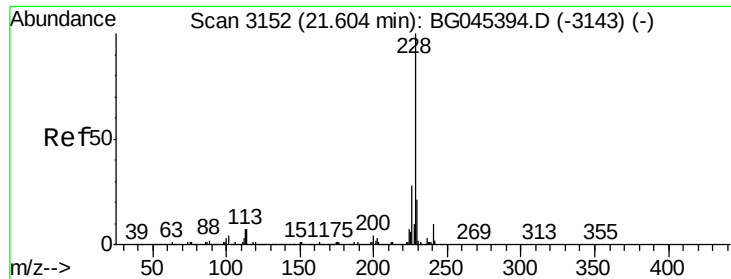


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.312 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

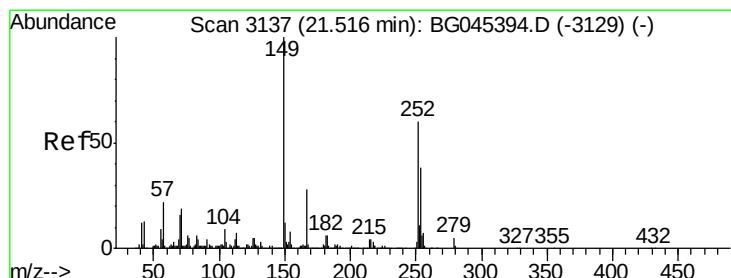
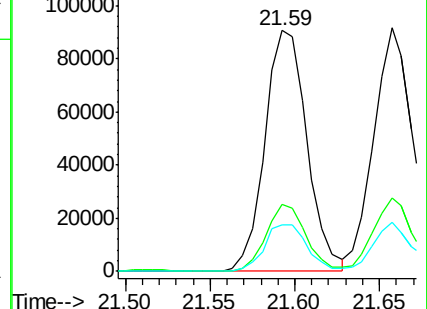
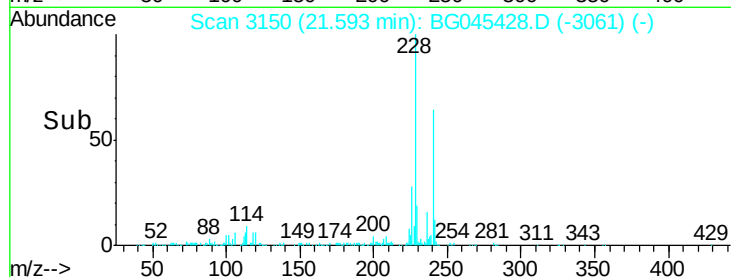
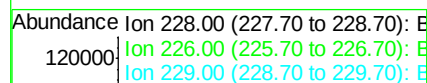
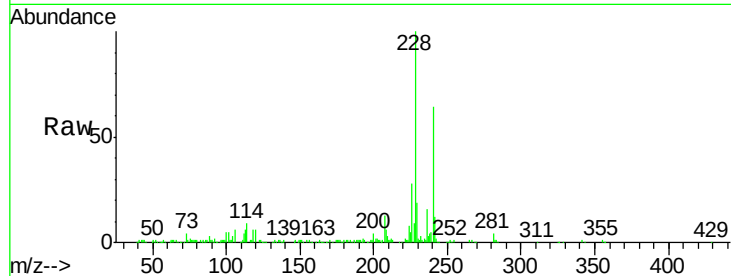
Tot Ion:228 Resp: 156862

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

229 19.5 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 4.275 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

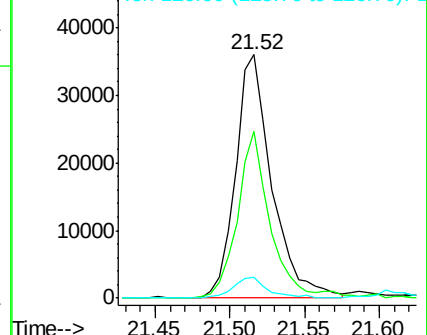
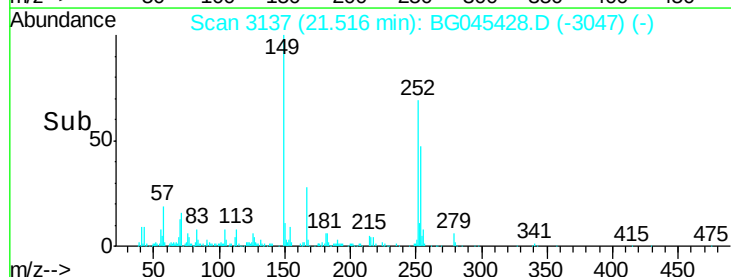
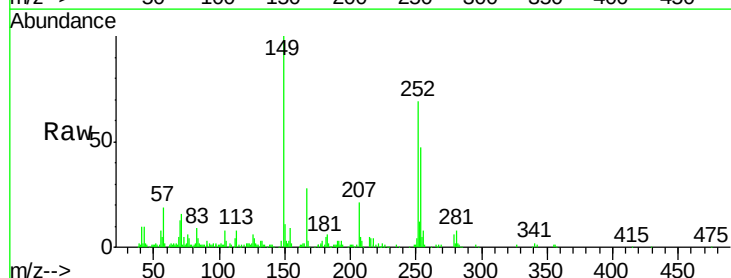
Tgt Ion:252 Resp: 61008

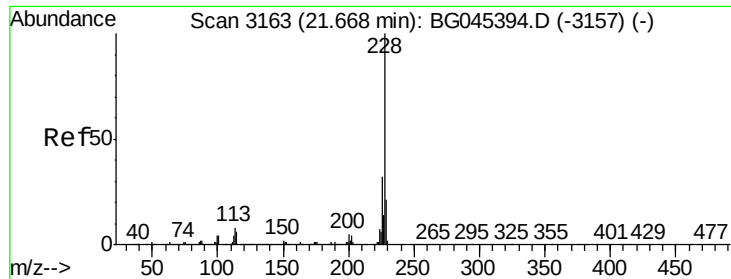
Ion Ratio Lower Upper

252 100

254 68.5 51.3 76.9

126 8.6 6.6 10.0





#83

Chrysene

Concen: 4.287 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

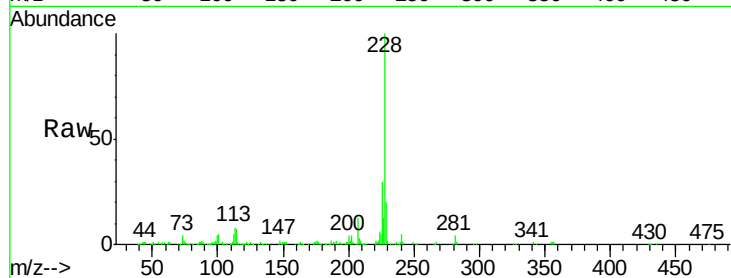
Tot Ion:228 Resp: 149973

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.2	37.8
229	20.1	16.7	25.1

228 100

226 30.2 25.2 37.8

229 20.1 16.7 25.1

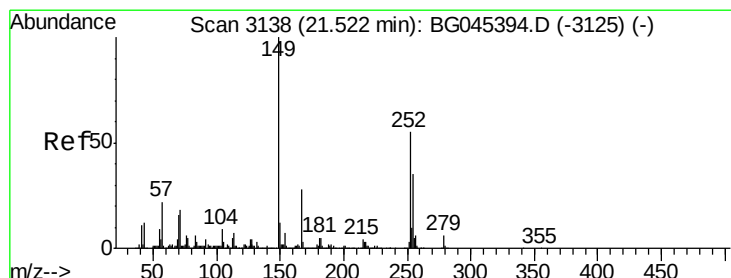
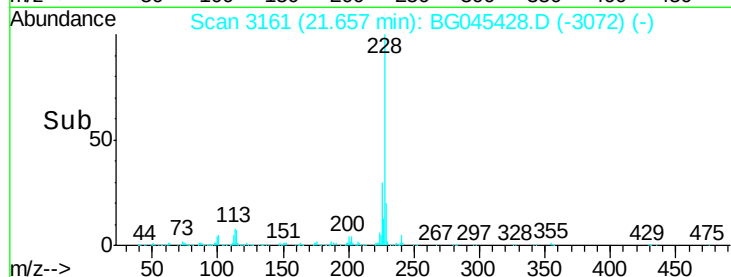
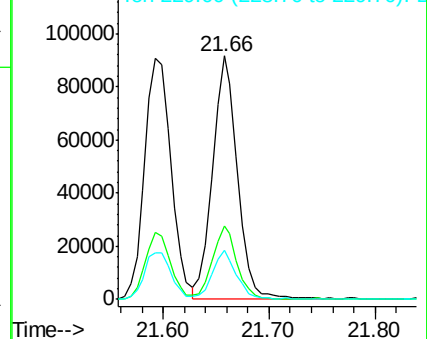


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.075 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

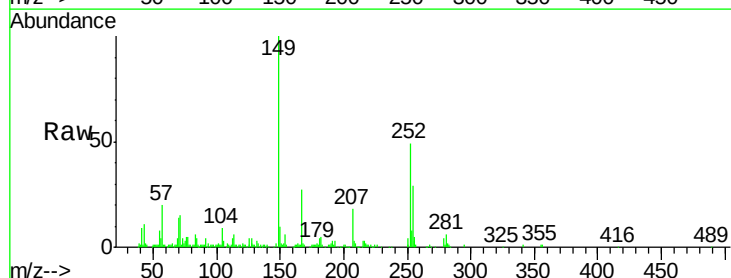
Tgt Ion:149 Resp: 90018

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	4.2	4.7	7.1#

149 100

167 26.8 22.2 33.2

279 4.2 4.7 7.1#

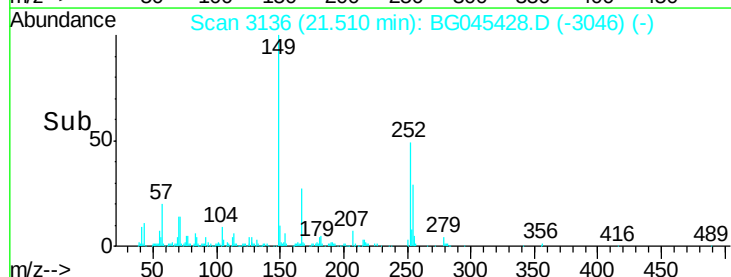
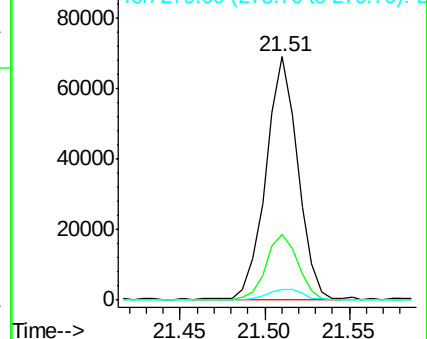


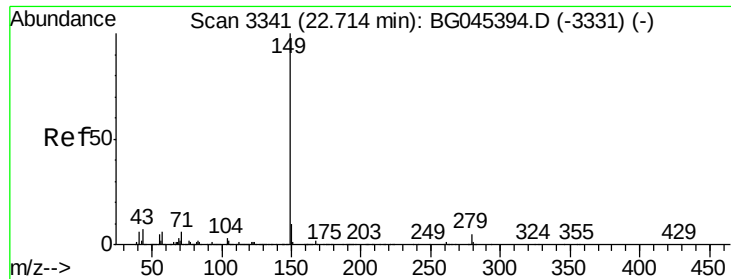
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.043 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

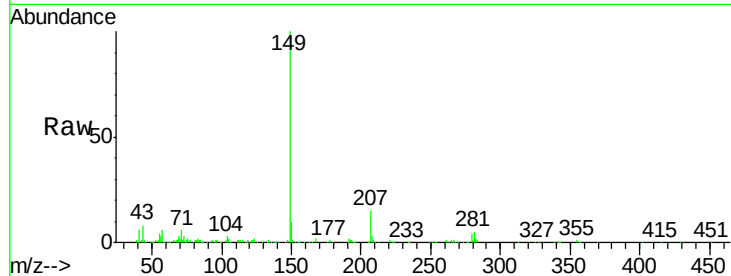
Tot Ion:149 Resp: 153383

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

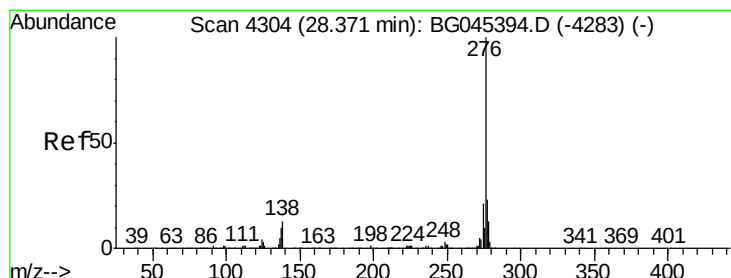
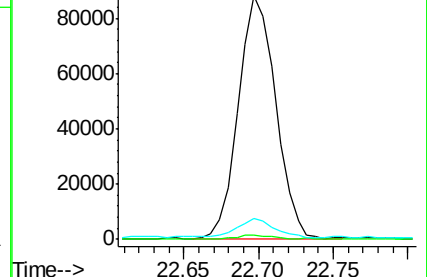
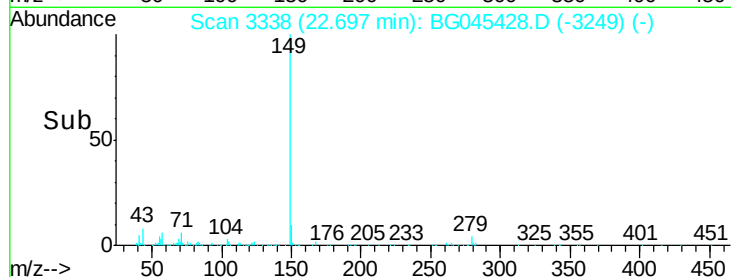
43 8.2 5.8 8.8



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: 3.808 ng

RT: 28.34 min Scan# 4299

Delta R.T. -0.02 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

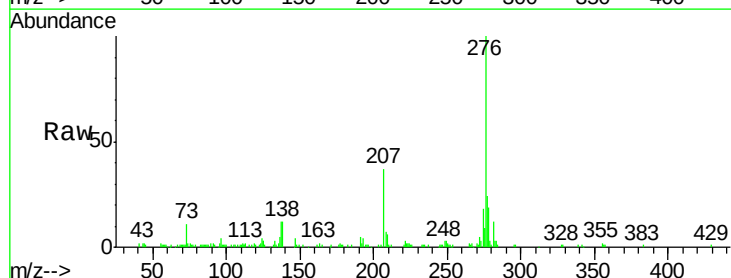
Tgt Ion:276 Resp: 174196

Ion Ratio Lower Upper

276 100

138 0.0 8.6 12.8#

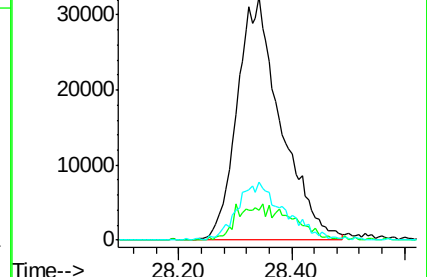
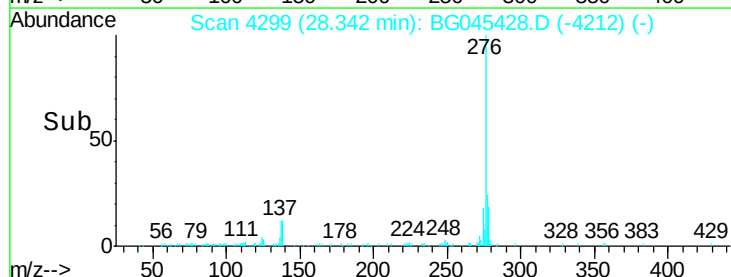
277 10.6 20.2 30.4#

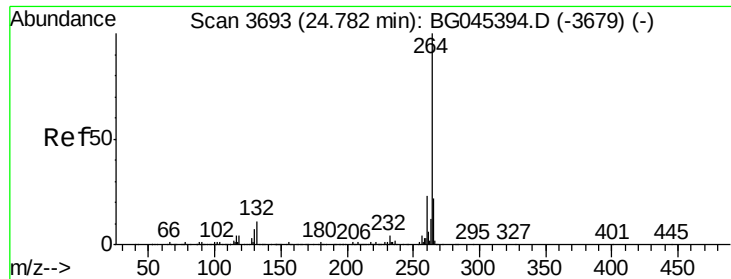


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

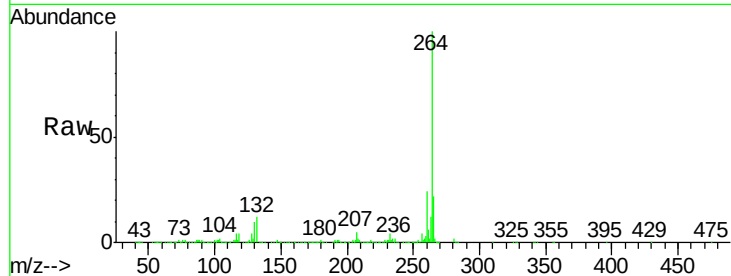
Tot Ion:264 Resp: 684405

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

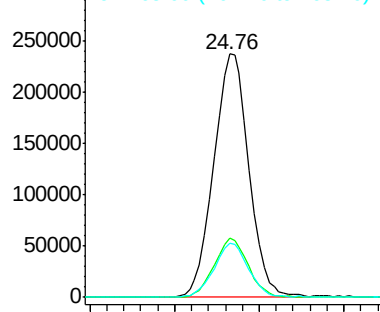
265 22.0 17.6 26.4



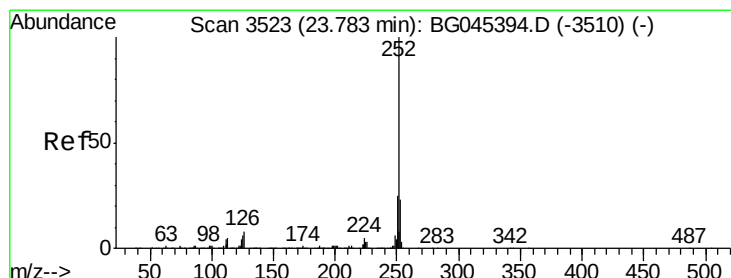
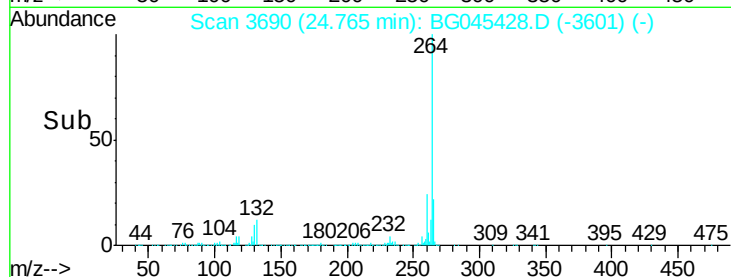
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 24.60 24.70 24.80 24.90



#88

Benzo(b)fluoranthene

Concen: 4.188 ng

RT: 23.77 min Scan# 3520

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

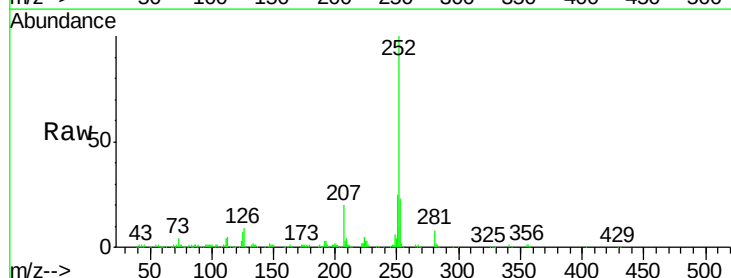
Tgt Ion:252 Resp: 153716

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

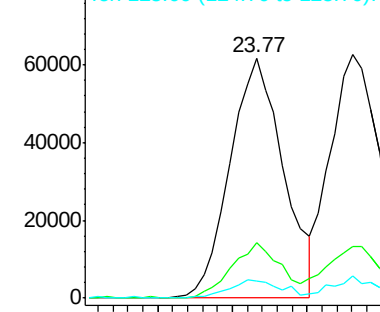
125 7.0 5.0 7.6



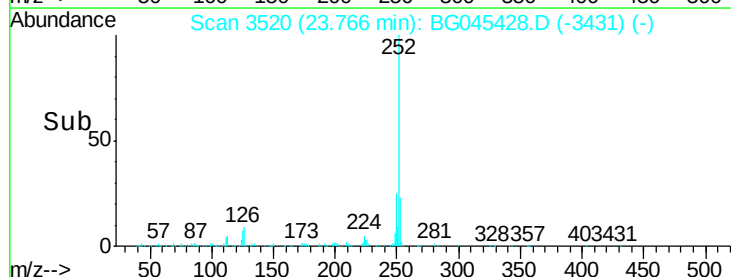
Abundance Ion 252.00 (251.70 to 252.70): E

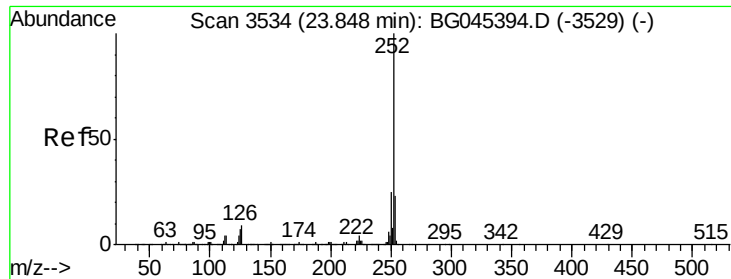
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.70 23.75 23.80





#89

Benzo(k)fluoranthene

Concen: 4.458 ng

RT: 23.77 min Scan# 3520

Delta R.T. -0.08 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

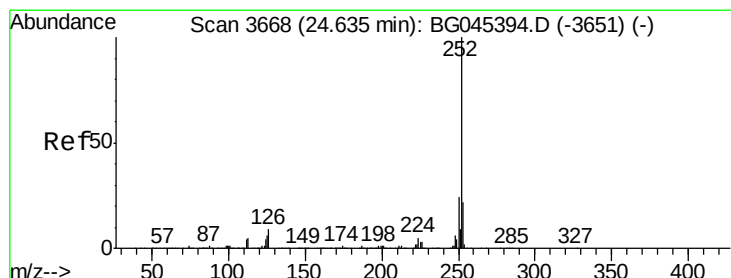
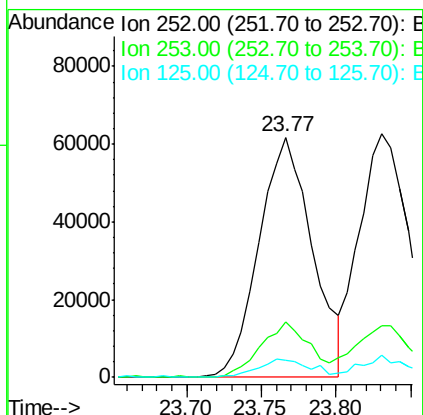
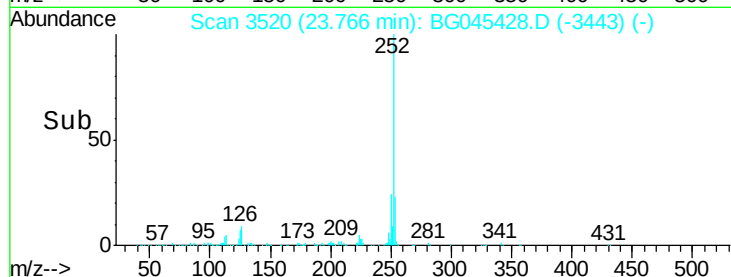
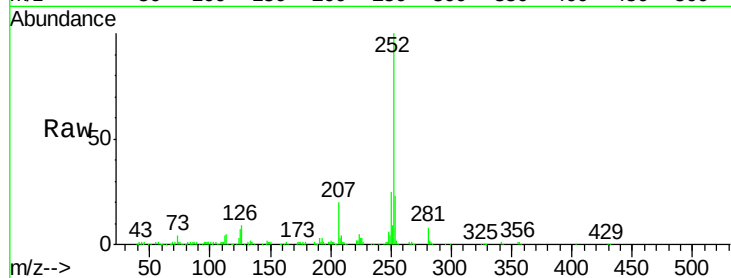
Tot Ion:252 Resp: 153716

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 7.0 5.7 8.5



#90

Benzo(a)pyrene

Concen: 4.134 ng

RT: 24.62 min Scan# 3665

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

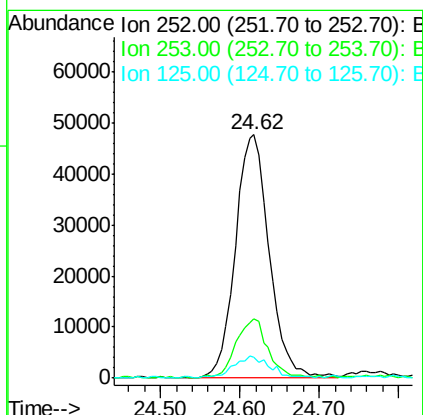
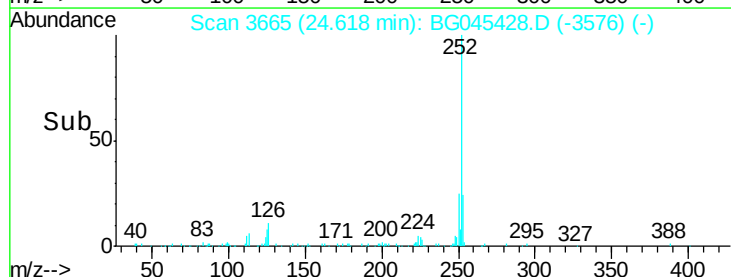
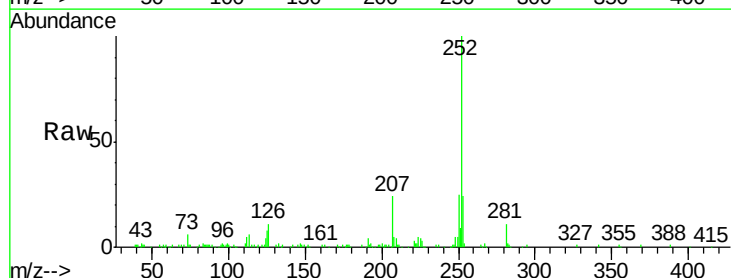
Tgt Ion:252 Resp: 141324

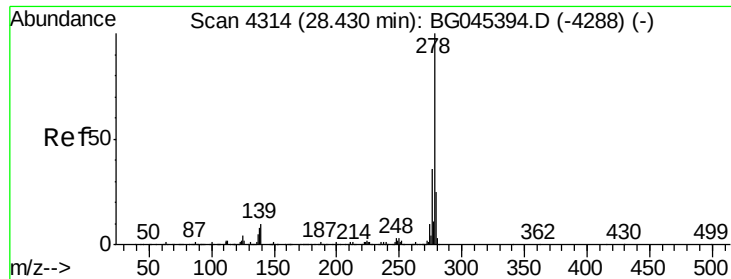
Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

125 8.4 5.0 7.6#





#91

Dibenzo(a,h)anthracene

Concen: 4.250 ng

RT: 28.40 min Scan# 4308

Delta R.T. -0.03 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

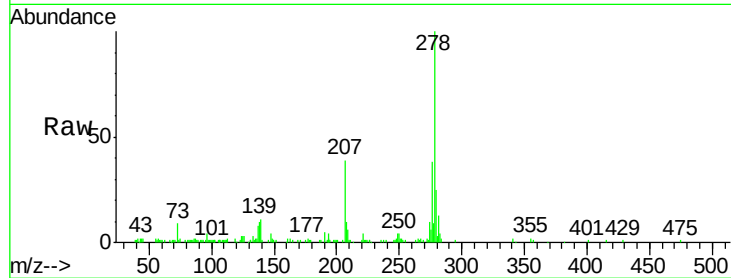
Tot Ion:278 Resp: 146001

Ion Ratio Lower Upper

278 100

139 11.2 7.8 11.8

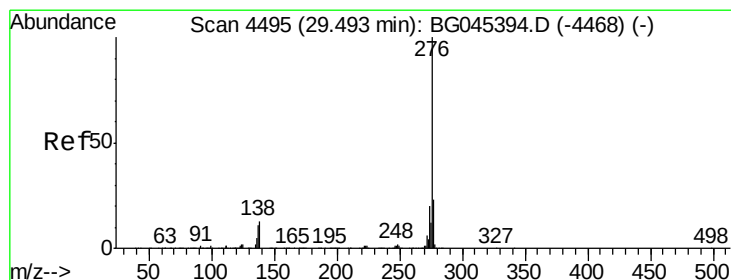
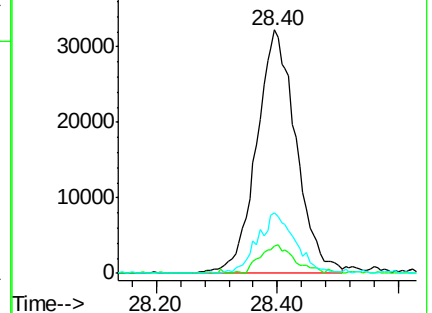
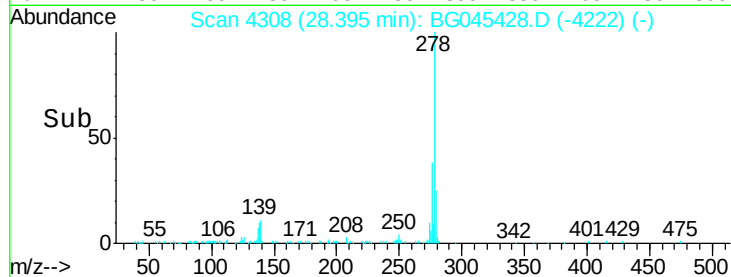
279 25.1 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 4.271 ng

RT: 29.45 min Scan# 4487

Delta R.T. -0.03 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

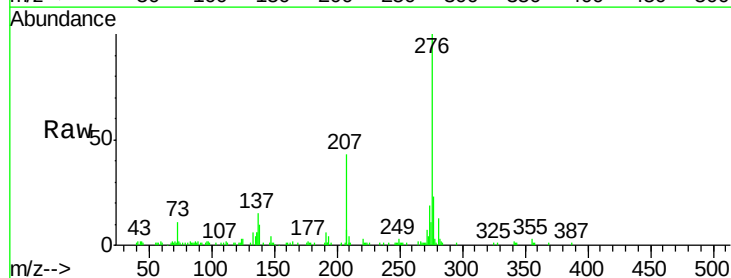
Tgt Ion:276 Resp: 146752

Ion Ratio Lower Upper

276 100

277 22.9 18.1 27.1

138 10.3 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

