

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045425.D
 Acq On : 19 May 2020 15:26
 Operator : CG/JU
 Sample : L2182-01
 Misc : SOIL- LOD- 5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 20 00:49:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	82041	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	346323	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	251706	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	599013	20.00	ng	0.00
76) Chrysene-d12	21.61	240	592801	20.00	ng	0.00
87) Perylene-d12	24.78	264	633090	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	542896	129.32	ng	0.00
7) Phenol-d6	7.20	99	774407	129.61	ng	0.00
23) Nitrobenzene-d5	9.13	82	535854	84.37	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	432351	134.31	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1268034	85.45	ng	0.00
79) Terphenyl-d14	19.98	244	2330966	91.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	7205	3.461	ng	# 89
3) Pyridine	3.83	79	17626	3.040	ng	# 86
4) n-Nitrosodimethylamine	3.74	42	6392	3.369	ng	# 79
6) Aniline	7.30	93	33605	4.308	ng	95
8) 2-Chlorophenol	7.56	128	19019	4.131	ng	91
9) Benzaldehyde	7.10	77	19008	4.883	ng	88
10) Phenol	7.23	94	26477	4.300	ng	95
11) bis(2-Chloroethyl)ether	7.39	93	20498	4.268	ng	86
12) 1,3-Dichlorobenzene	7.86	146	22896	4.139	ng	91
13) 1,4-Dichlorobenzene	8.00	146	23987	4.394	ng	93
14) 1,2-Dichlorobenzene	8.33	146	23084	4.396	ng	94
15) Benzyl Alcohol	8.23	79	19056	3.861	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.50	45	20025	4.392	ng	97
17) 2-Methylphenol	8.47	107	17373	3.769	ng	# 90
18) Hexachloroethane	9.06	117	9030	4.319	ng	# 89
19) n-Nitroso-di-n-propylamine	8.77	70	17529	4.242	ng	95
20) 3+4-Methylphenols	8.80	107	21658	3.451	ng	# 54
22) Acetophenone	8.79	105	34844	4.245	ng	# 92
24) Nitrobenzene	9.18	77	28733	4.223	ng	94
25) Isophorone	9.70	82	53680	4.292	ng	97
26) 2-Nitrophenol	9.90	139	10680	3.669	ng	# 84
27) 2,4-Dimethylphenol	9.99	122	19912	4.612	ng	91
28) bis(2-Chloroethoxy)methane	10.19	93	28436	4.335	ng	# 96
29) 2,4-Dichlorophenol	10.47	162	18656	3.659	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	25067	4.161	ng	97
31) Naphthalene	10.83	128	71017	4.400	ng	98
32) Benzoic acid	10.11	122	7180	2.769	ng	90
33) 4-Chloroaniline	10.95	127	25904	3.840	ng	# 91
34) Hexachlorobutadiene	11.12	225	16403	3.852	ng	90
35) Caprolactam	11.69	113	7988	4.269	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	24813	4.319	ng	92
37) 2-Methylnaphthalene	12.44	142	52481	4.363	ng	94
38) 1-Methylnaphthalene	12.66	142	49585	4.364	ng	84
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	29212	4.155	ng	99

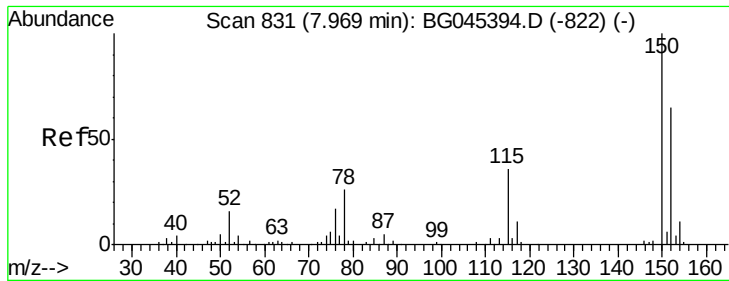
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045425.D
 Acq On : 19 May 2020 15:26
 Operator : CG/JU
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 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	10872	2.679	ng	93
43) 2,4,6-Trichlorophenol	13.07	196	18797	3.849	ng	98
44) 2,4,5-Trichlorophenol	13.16	196	20057	3.594	ng #	93
46) 1,1'-Biphenyl	13.44	154	71350	4.613	ng	99
47) 2-Chloronaphthalene	13.48	162	53121	4.230	ng	98
48) 2-Nitroaniline	13.70	65	14613	3.537	ng	99
49) Acenaphthylene	14.33	152	93132	4.617	ng	98
50) Dimethylphthalate	14.07	163	76167	4.411	ng #	98
51) 2,6-Dinitrotoluene	14.18	165	15928	4.088	ng	98
52) Acenaphthene	14.68	154	53553	3.966	ng	94
53) 3-Nitroaniline	14.54	138	13701	3.459	ng	91
54) 2,4-Dinitrophenol	14.75	184	171	0.076	ng #	17
55) Dibenzofuran	15.01	168	90030	4.490	ng	99
56) 4-Nitrophenol	14.92	139	9913	3.306	ng #	83
57) 2,4-Dinitrotoluene	14.98	165	22958	4.069	ng #	97
58) Fluorene	15.66	166	75572	4.587	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	19843	4.041	ng	95
60) Diethylphthalate	15.43	149	81970	4.561	ng	96
61) 4-Chlorophenyl-phenylether	15.65	204	39247	4.163	ng	92
62) 4-Nitroaniline	15.69	138	15709	3.799	ng	86
63) Azobenzene	15.95	77	72413	4.321	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	8488	2.433	ng	90
66) n-Nitrosodiphenylamine	15.87	169	67591	4.700	ng	96
67) 4-Bromophenyl-phenylether	16.55	248	26774	4.128	ng	95
68) Hexachlorobenzene	16.67	284	31327	4.618	ng	92
69) Atrazine	16.82	200	28395	4.793	ng	95
70) Pentachlorophenol	17.04	266	2489	0.707	ng #	71
71) Phenanthrene	17.40	178	130826	5.003	ng	99
72) Anthracene	17.49	178	132398	5.042	ng	97
73) Carbazole	17.77	167	122801	4.797	ng	97
74) Di-n-butylphthalate	18.33	149	148138	4.822	ng	99
75) Fluoranthene	19.41	202	169153	5.086	ng	98
77) Benzidine	19.60	184	42503	2.553	ng	96
78) Pyrene	19.77	202	171087	5.063	ng	96
80) Butylbenzylphthalate	20.66	149	69921	4.794	ng	90
81) Benzo(a)anthracene	21.60	228	165133	5.001	ng	96
82) 3,3'-Dichlorobenzidine	21.52	252	62006	4.787	ng	96
83) Chrysene	21.66	228	156019	4.914	ng	95
84) Bis(2-ethylhexyl)phthalate	21.51	149	94000	4.688	ng #	96
85) Di-n-octyl phthalate	22.70	149	157882	4.585	ng #	95
86) Indeno(1,2,3-cd)pyrene	28.34	276	180222	4.340	ng #	94
88) Benzo(b)fluoranthene	23.78	252	158098	4.656	ng	98
89) Benzo(k)fluoranthene	23.84	252	159915	5.013	ng	98
90) Benzo(a)pyrene	24.62	252	147789	4.674	ng	97
91) Dibenzo(a,h)anthracene	28.41	278	150202	4.727	ng #	97
92) Benzo(g,h,i)perylene	29.46	276	149864	4.716	ng	99

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

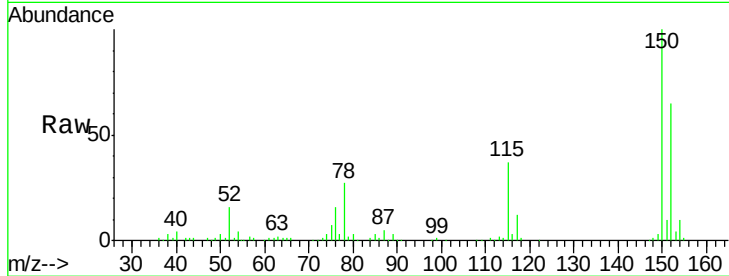


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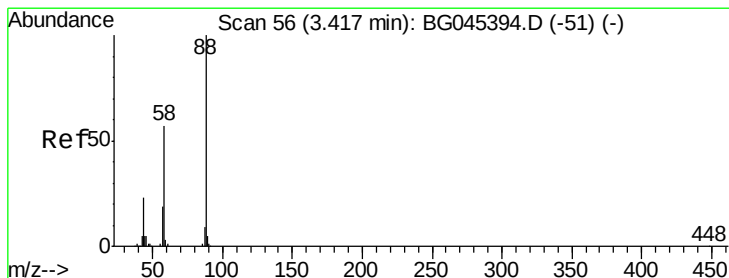
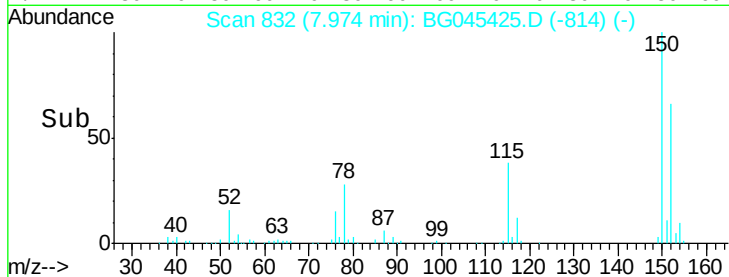
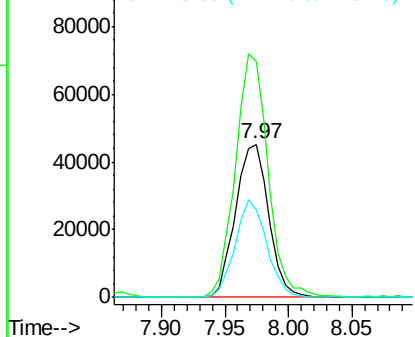
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 832
Delta R.T. 0.01 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 82041
Ion Ratio Lower Upper
152 100
150 154.2 122.4 183.6
115 57.5 44.2 66.4



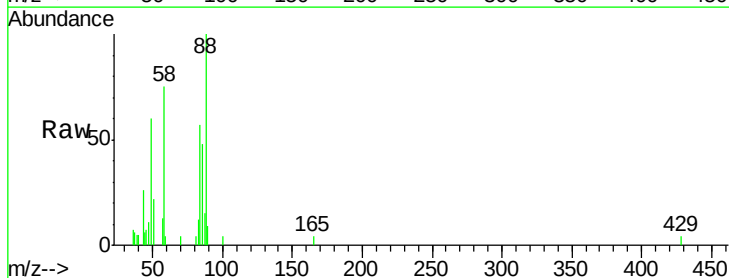
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



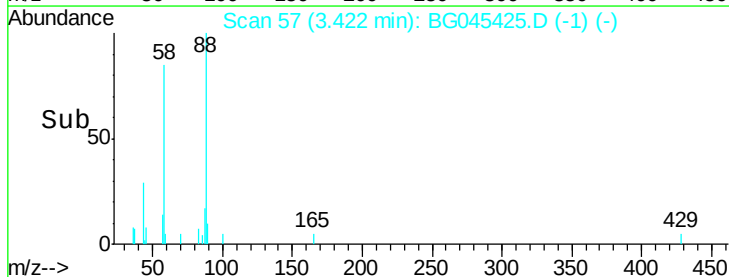
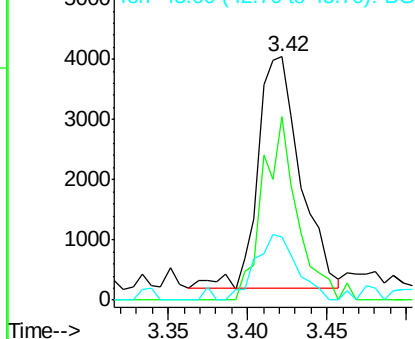
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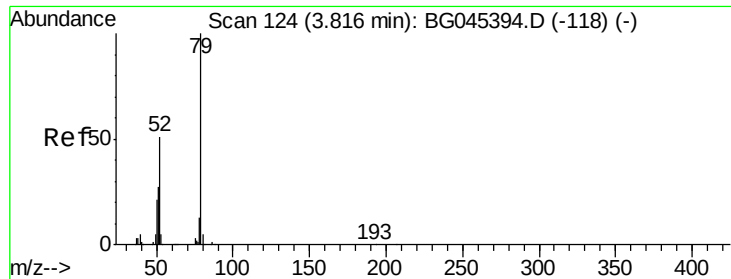
1,4-Dioxane
Concen: 3.461 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.01 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion: 88 Resp: 7205
Ion Ratio Lower Upper
88 100
58 64.6 45.7 68.5
43 27.4 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

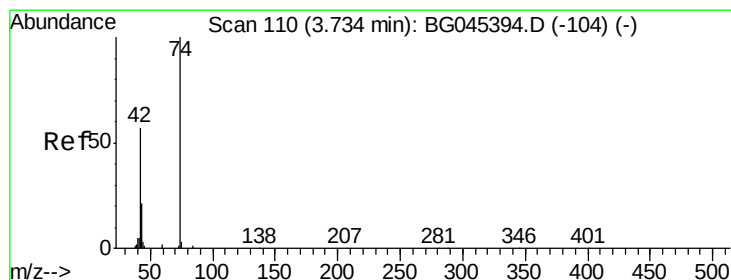
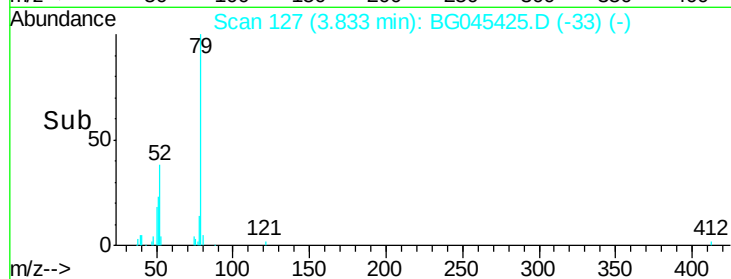
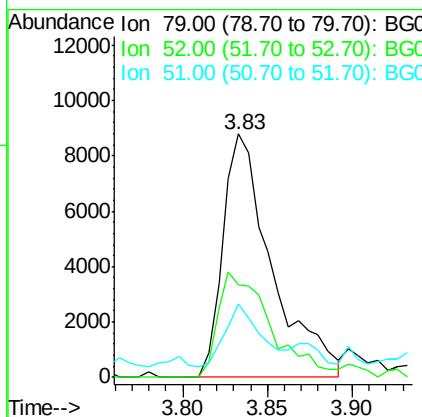
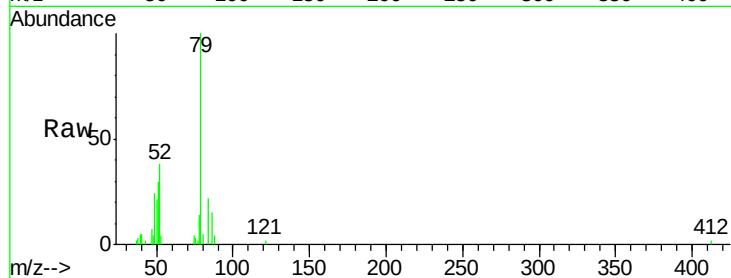




#3
 Pvridine
 Concen: 3.040 ng
 RT: 3.83 min Scan# 127
 Delta R.T. 0.02 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

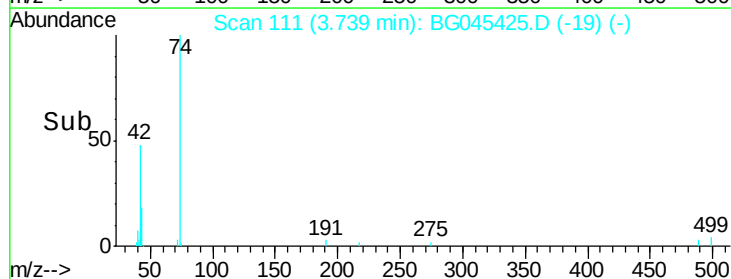
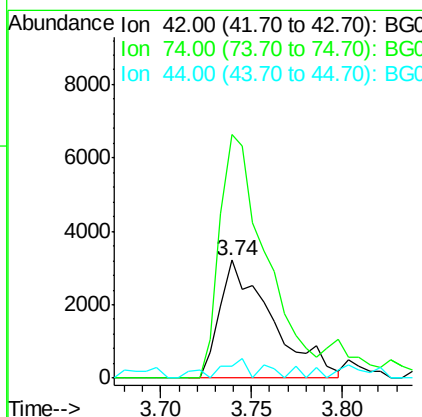
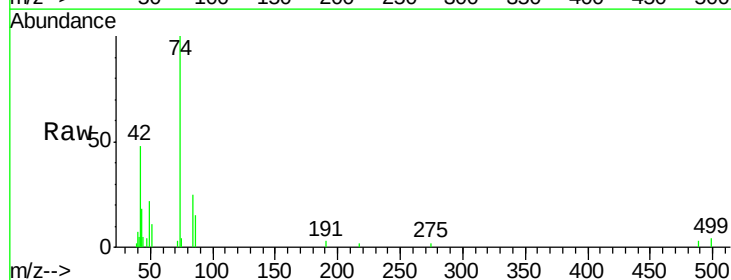
Instrument :
 BNA_G
 ClientSampleId :

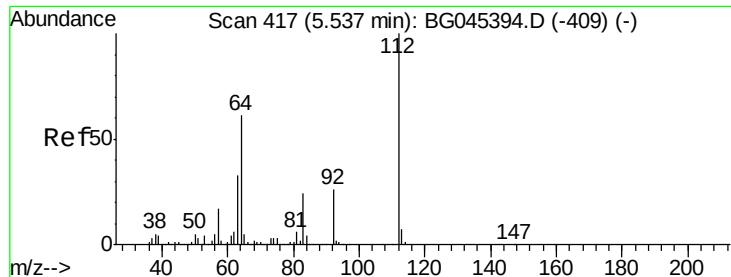
Tot Ion: 79 Resp: 17626
 Ion Ratio Lower Upper
 79 100
 52 38.2 40.8 61.2#
 51 30.3 21.9 32.9



#4
 n-Nitrosodimethylamine
 Concen: 3.369 ng
 RT: 3.74 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion: 42 Resp: 6392
 Ion Ratio Lower Upper
 42 100
 74 206.9 141.3 211.9
 44 10.3 4.2 6.4#





#5

2-Fluorophenol

Concen: 129.323 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

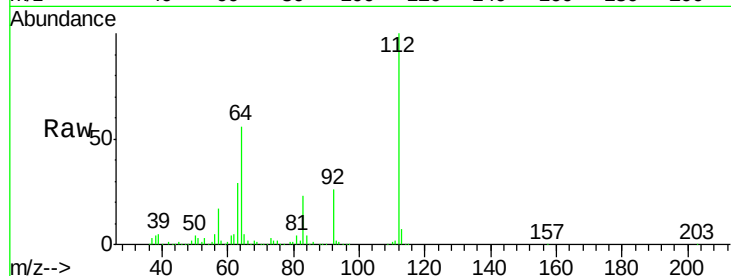
Tot Ion:112 Resp: 542896

Ion Ratio Lower Upper

112 100

64 56.1 48.6 72.8

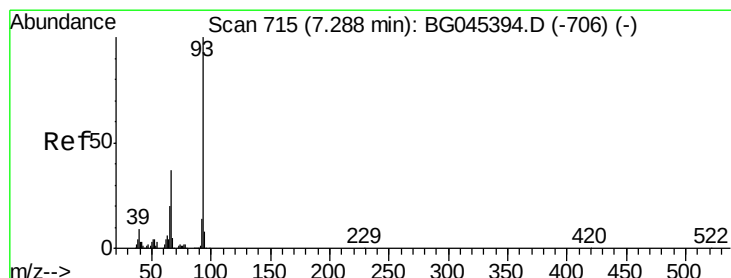
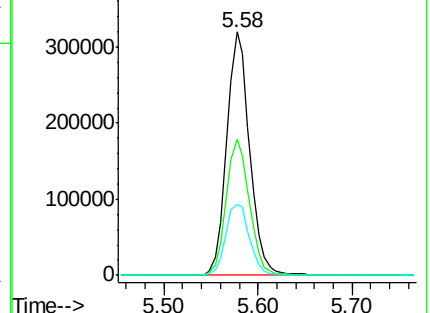
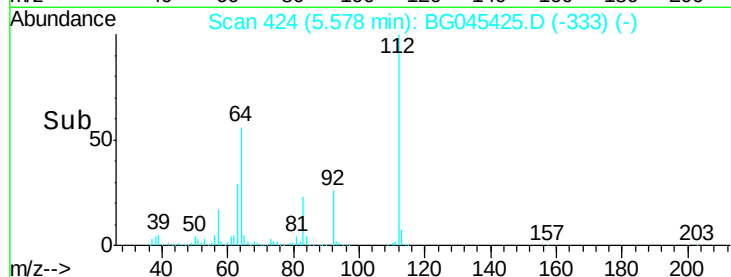
63 29.3 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.308 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

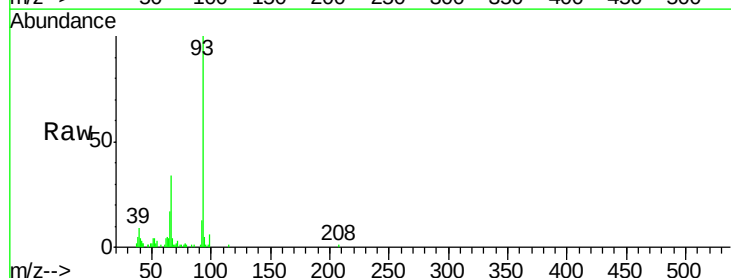
Tgt Ion: 93 Resp: 33605

Ion Ratio Lower Upper

93 100

66 34.5 29.6 44.4

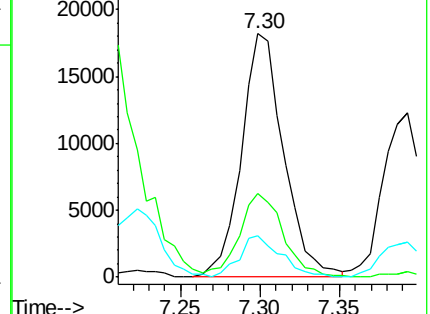
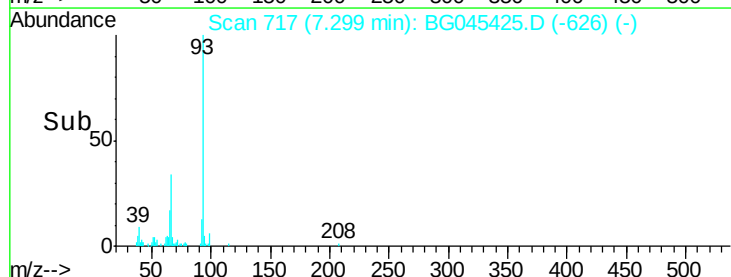
65 17.2 15.9 23.9

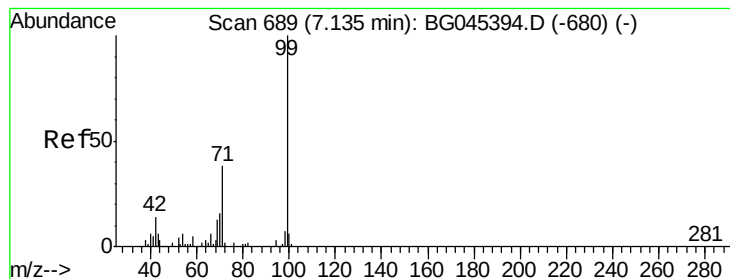


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.608 ng

RT: 7.20 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

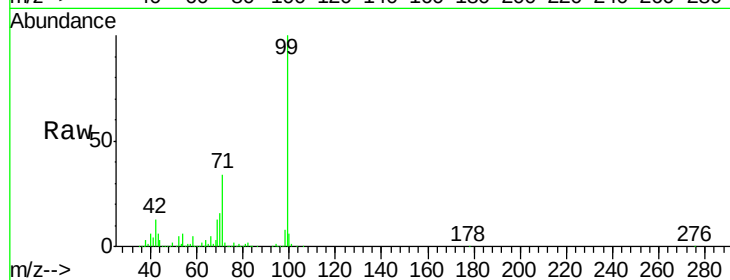
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 774407

Ion	Ratio	Lower	Upper
99	100		
42	12.8	11.3	16.9
71	34.1	30.8	46.2

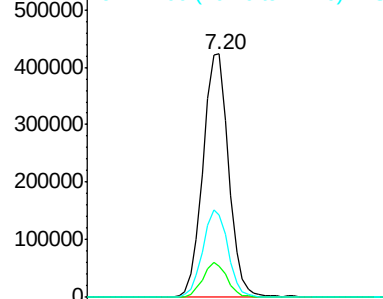


Abundance

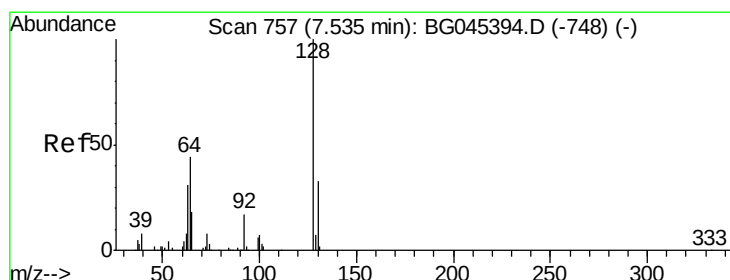
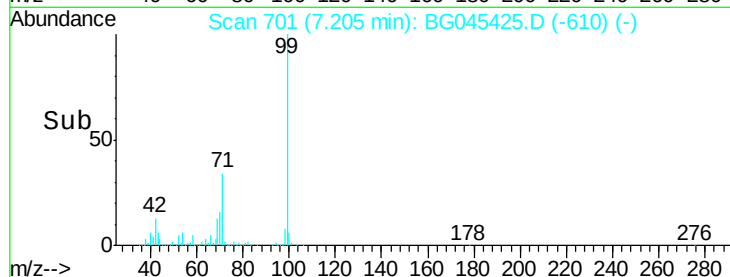
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 4.131 ng

RT: 7.56 min Scan# 761

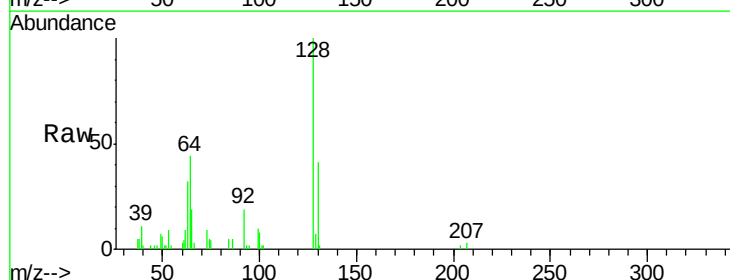
Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Tgt Ion: 128 Resp: 19019

Ion	Ratio	Lower	Upper
128	100		
130	40.9	12.6	52.6
64	44.0	27.0	67.0

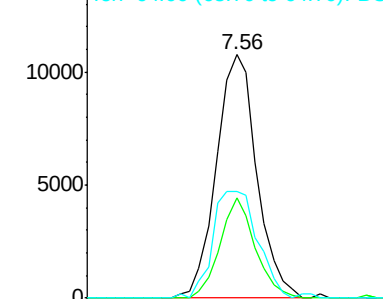


Abundance

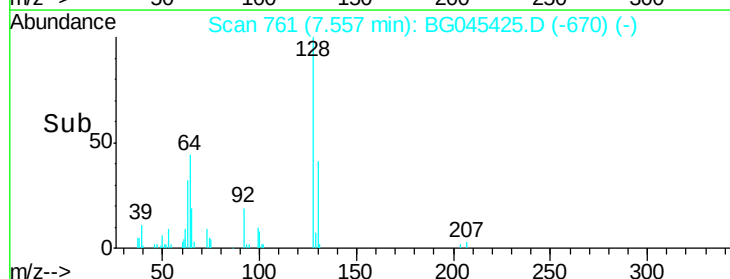
Ion 128.00 (127.70 to 128.70): BGC

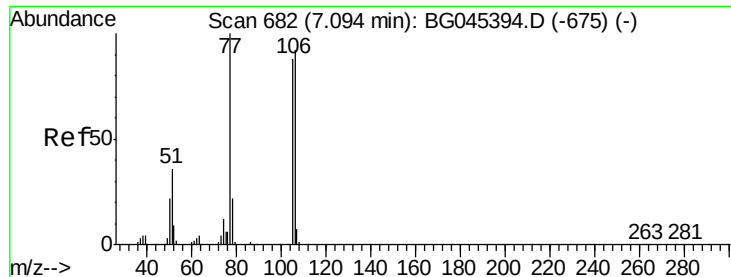
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 4.883 ng

RT: 7.10 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampled :

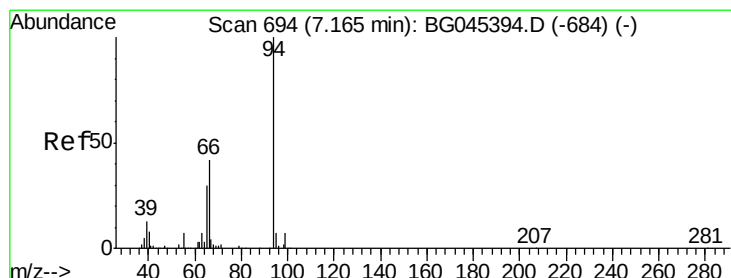
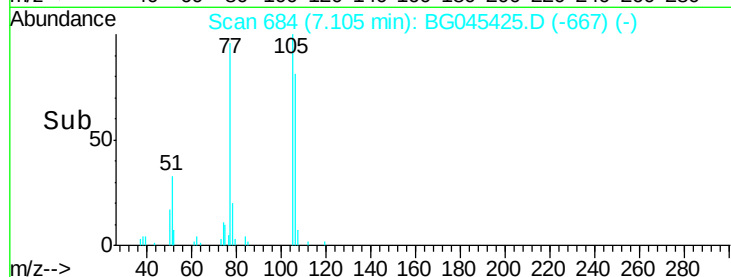
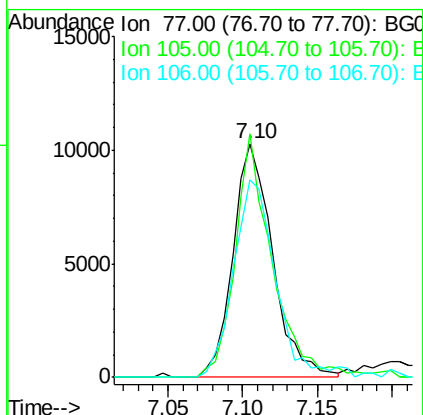
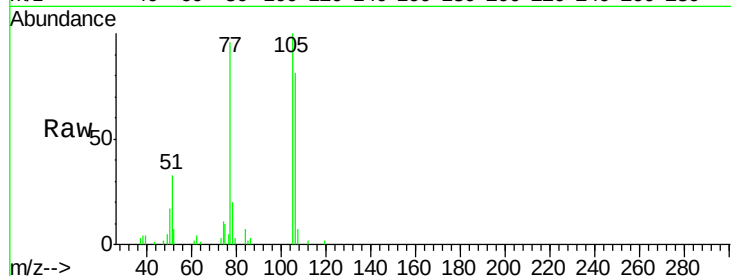
Tot Ion: 77 Resp: 19008

Ion Ratio Lower Upper

77 100

105 104.2 68.5 108.5

106 84.3 71.6 111.6



#10

Phenol

Concen: 4.300 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

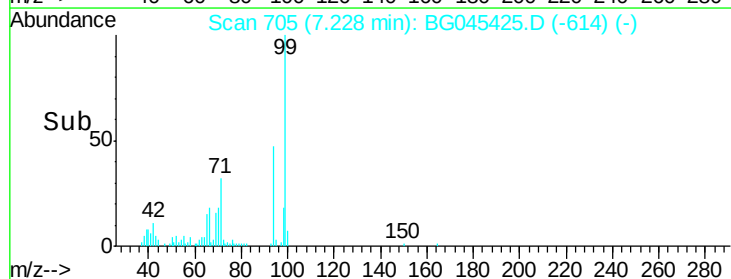
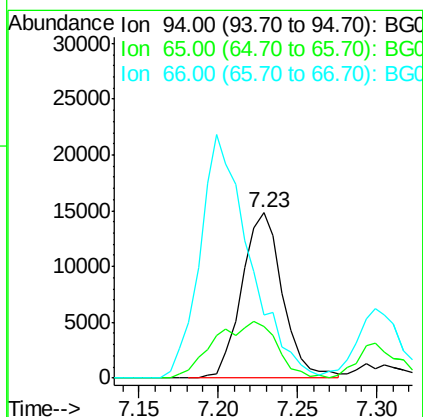
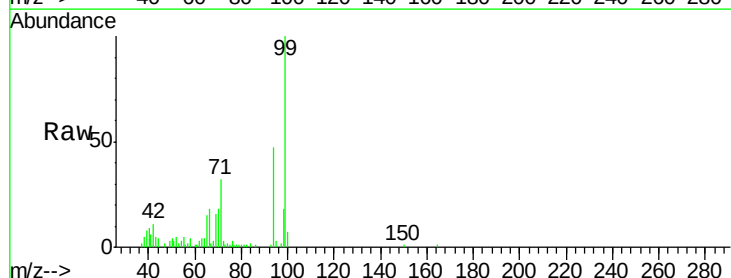
Tgt Ion: 94 Resp: 26477

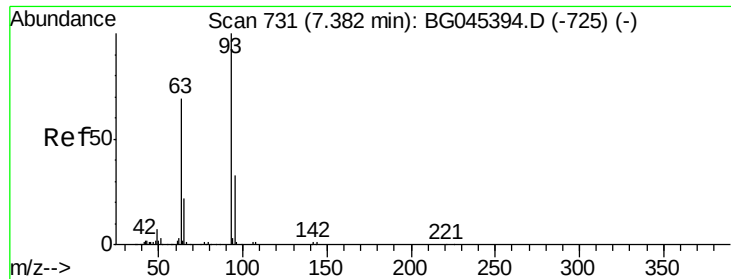
Ion Ratio Lower Upper

94 100

65 31.4 9.8 49.8

66 38.4 22.0 62.0

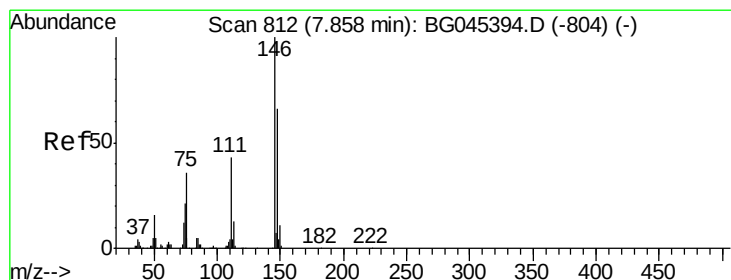
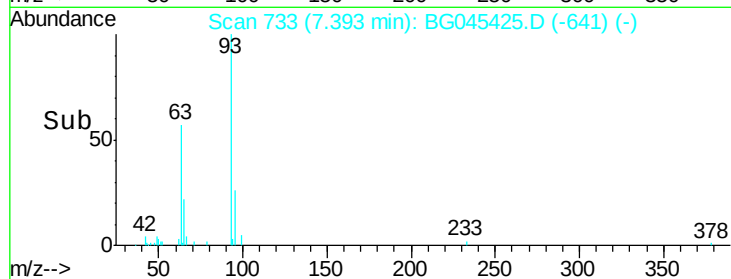
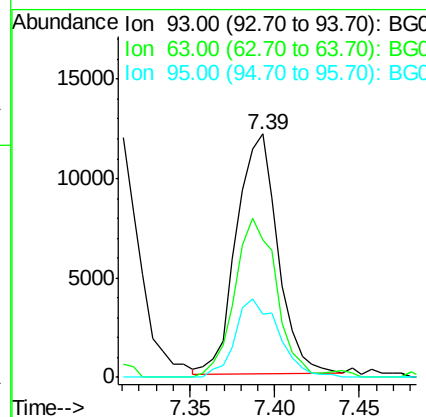
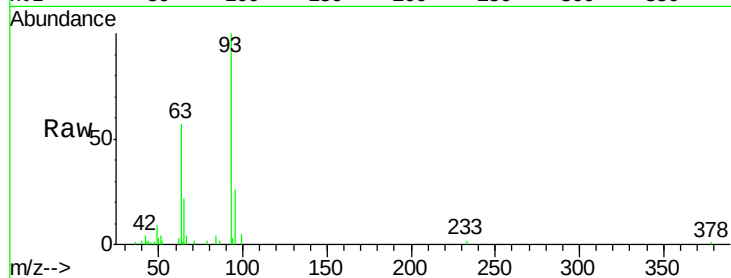




#11
 bis(2-Chloroethyl)ether
 Concen: 4.268 ng
 RT: 7.39 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

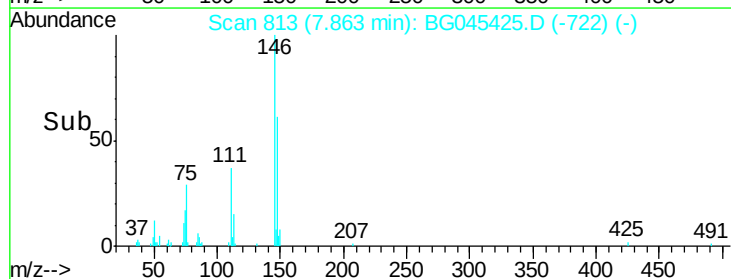
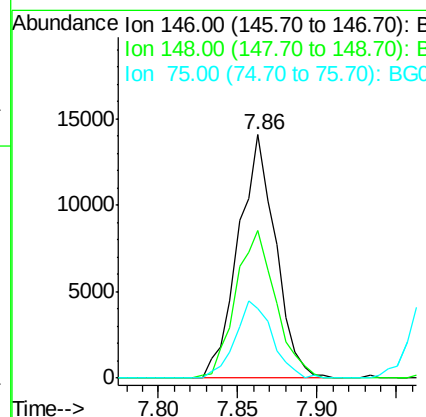
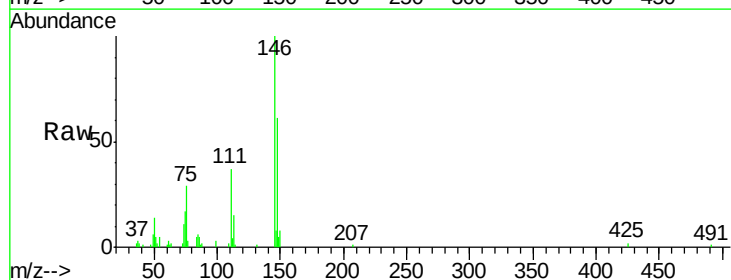
Instrument :
 BNA_G
 ClientSampleId :

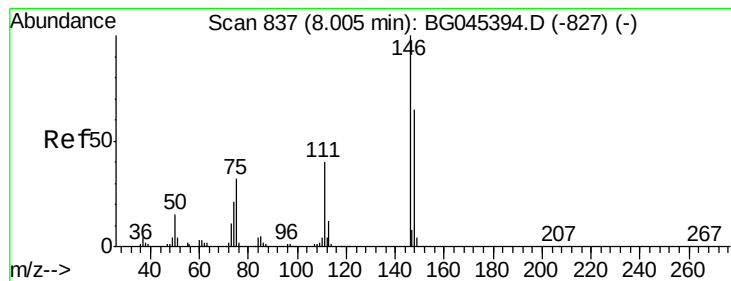
Tot Ion	93	Resp	20498
Ion Ratio	Lower	Upper	
93	100		
63	56.6	48.4	88.4
95	25.9	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 4.139 ng
 RT: 7.86 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion	146	Resp	22896
Ion Ratio	Lower	Upper	
146	100		
148	60.8	53.2	79.8
75	28.8	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 4.394 ng

RT: 8.00 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampled :

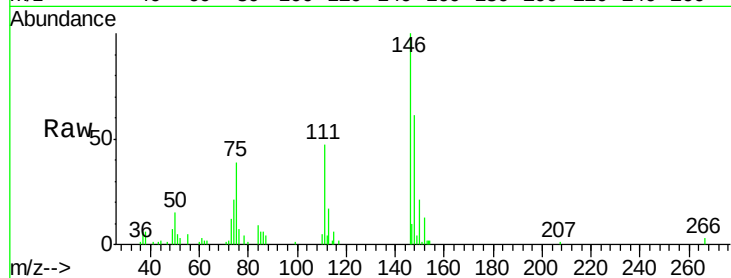
Tot Ion:146 Resp: 23987

Ion Ratio Lower Upper

146 100

148 61.1 51.8 77.8

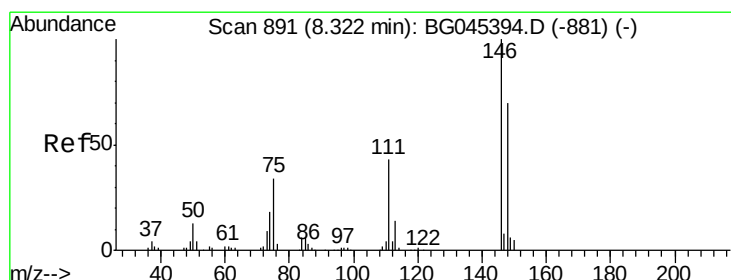
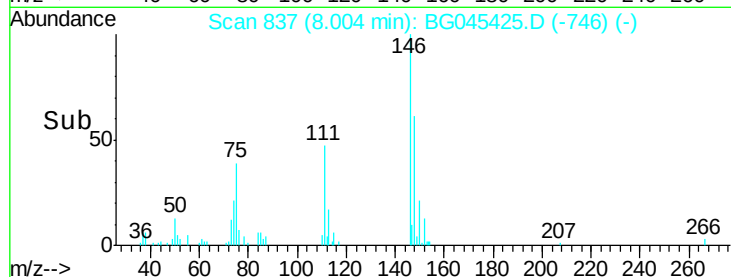
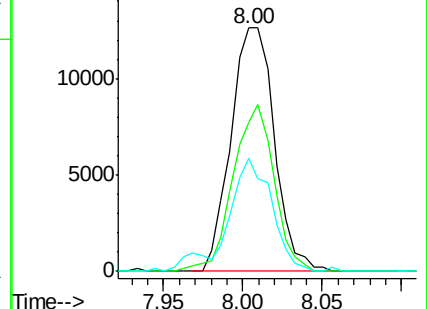
111 46.6 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.396 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

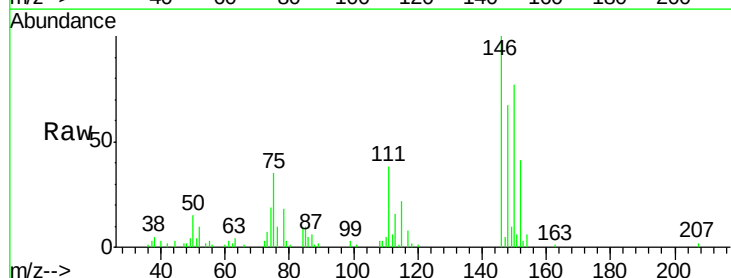
Tgt Ion:146 Resp: 23084

Ion Ratio Lower Upper

146 100

148 66.9 55.9 83.9

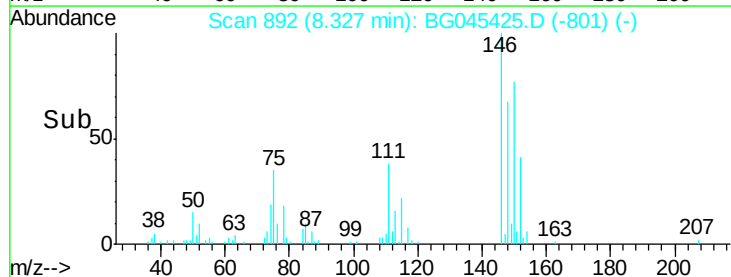
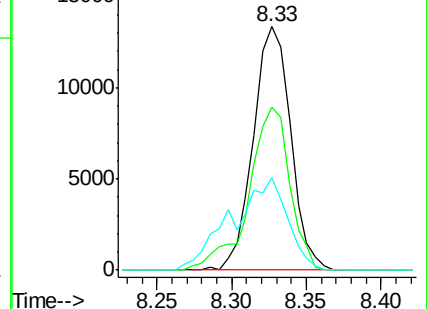
111 38.0 35.0 52.4

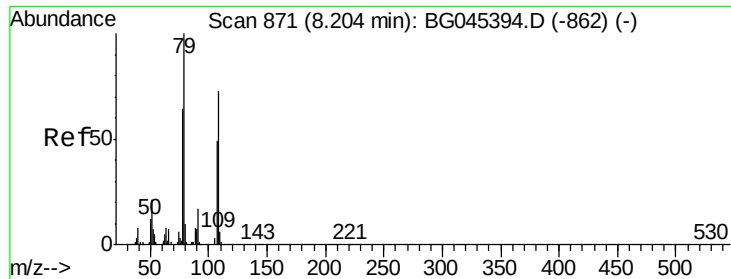


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.861 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampled :

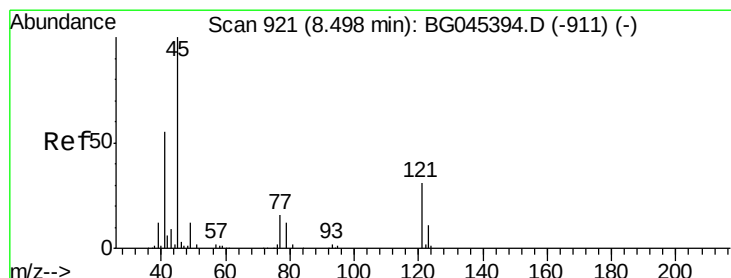
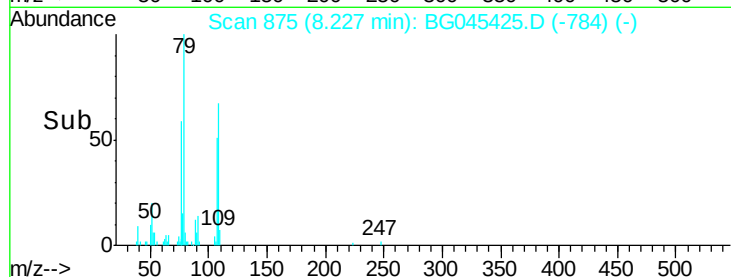
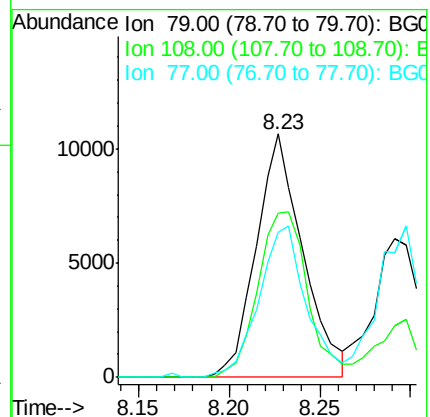
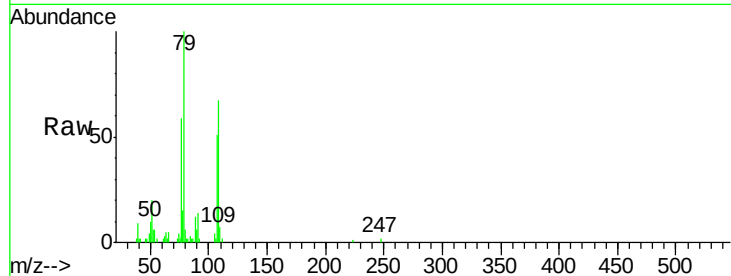
Tot Ion: 79 Resp: 19056

Ion Ratio Lower Upper

79 100

108 67.4 58.2 87.4

77 59.5 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.392 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

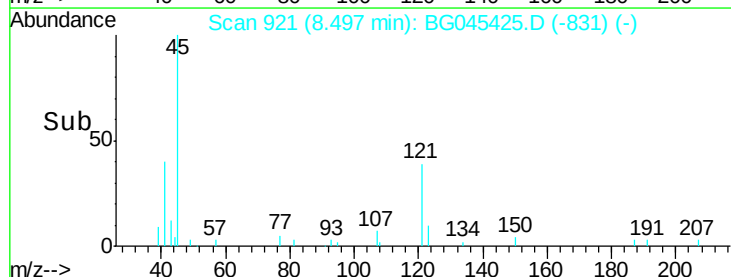
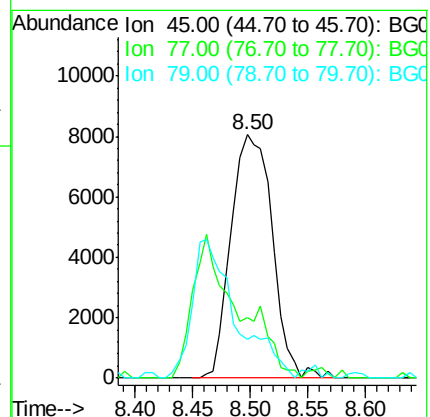
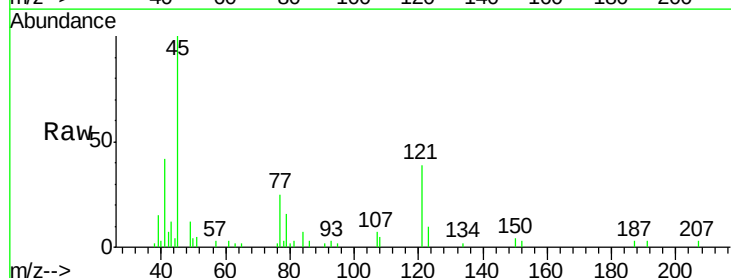
Tgt Ion: 45 Resp: 20025

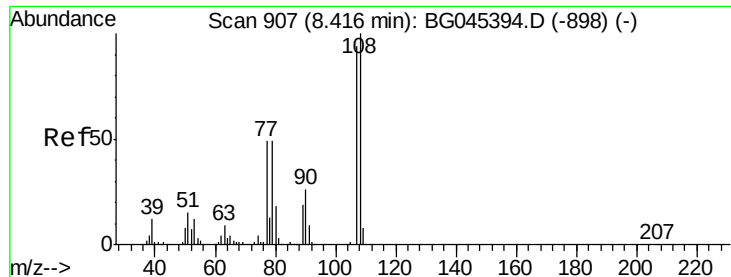
Ion Ratio Lower Upper

45 100

77 25.0 4.0 44.0

79 16.2 0.0 38.6





#17

2-Methylphenol

Concen: 3.769 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 17373

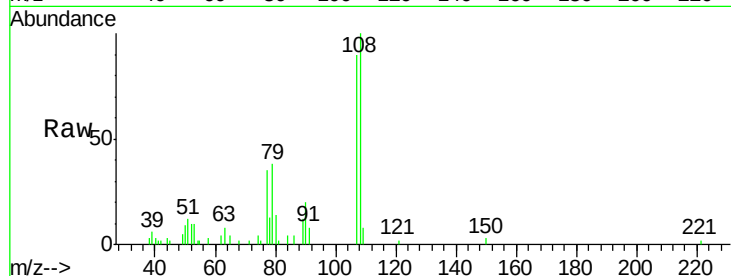
Ion Ratio Lower Upper

107 100

108 111.4 85.2 127.8

77 39.2 41.6 62.4#

79 42.7 41.8 62.8

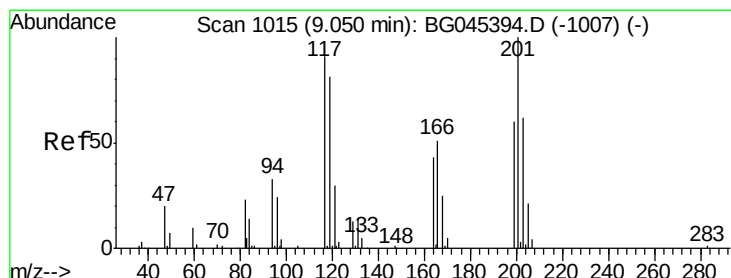
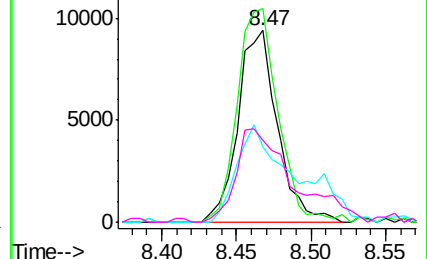
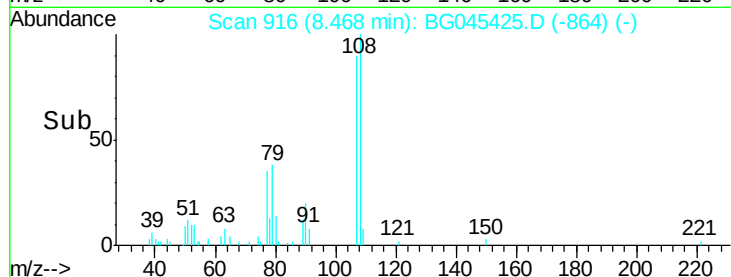


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 4.319 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

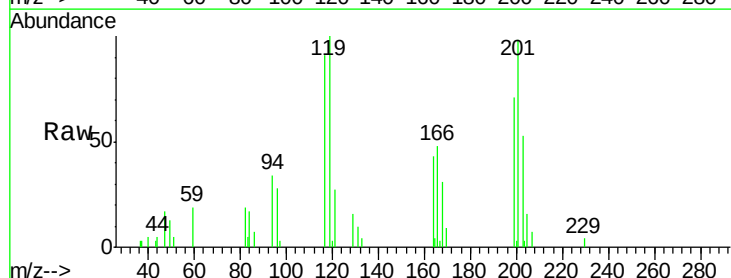
Tgt Ion:117 Resp: 9030

Ion Ratio Lower Upper

117 100

119 110.1 71.3 106.9#

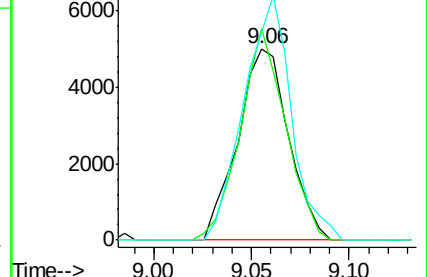
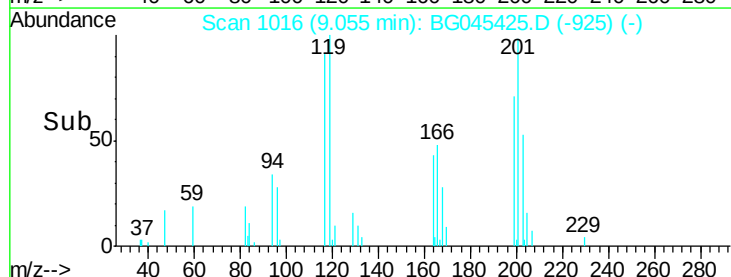
201 108.3 87.5 131.3

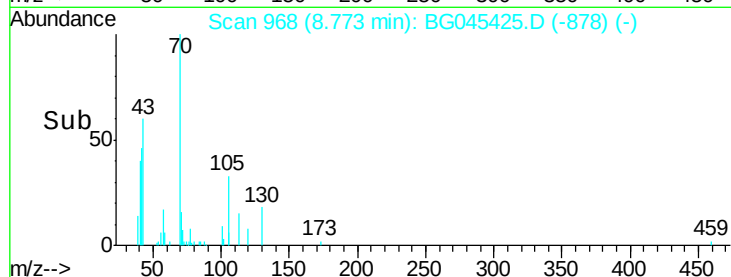
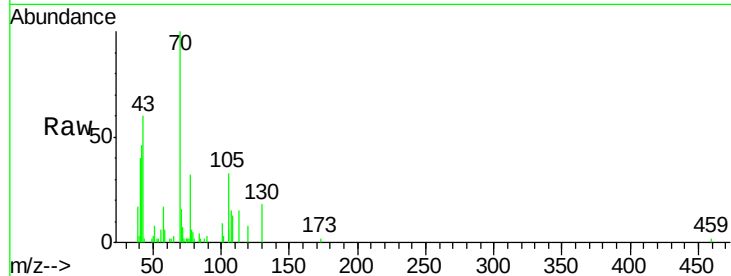
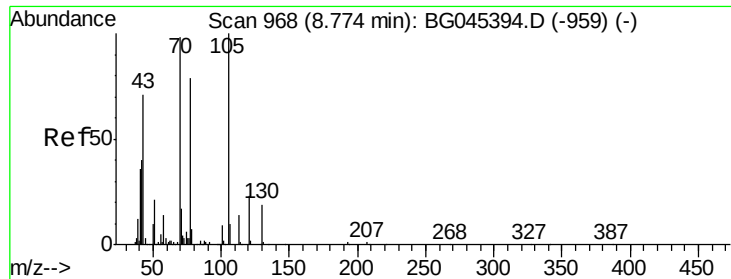


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

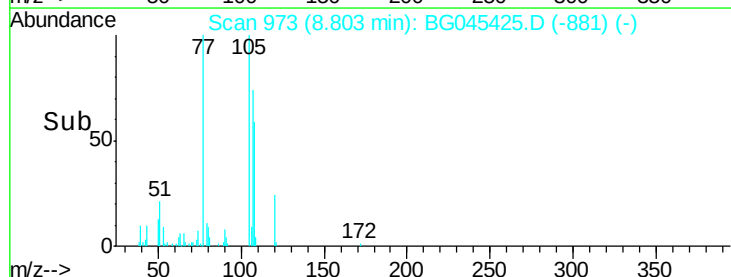
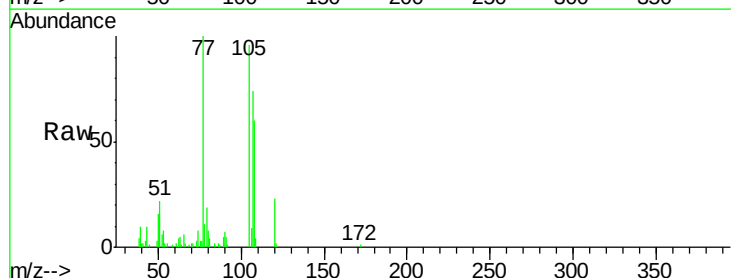
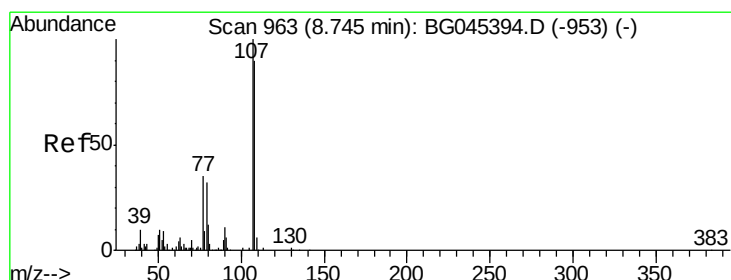
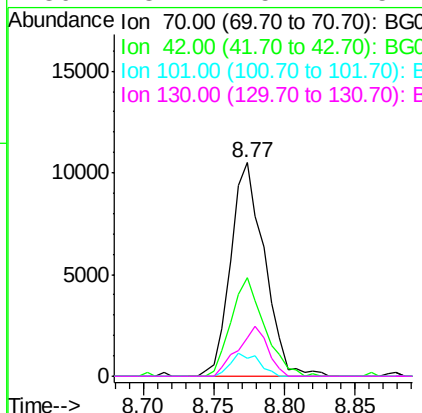




#19
n-Nitroso-di-n-propylamine
Concen: 4.242 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

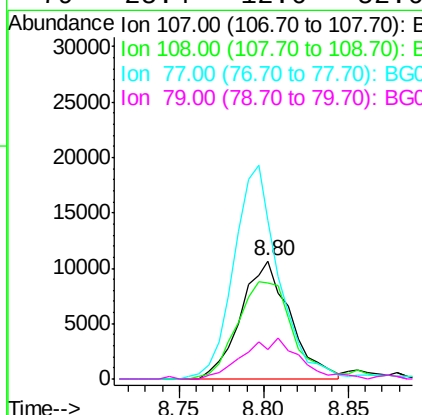
Instrument :
BNA_G
ClientSampleId :

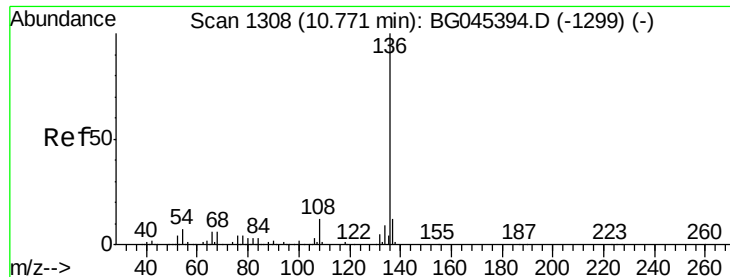
Tot Ion:	70	Resp:	17529
Ion	Ratio	Lower	Upper
70	100		
42	46.2	33.2	49.8
101	8.6	7.8	11.6
130	18.2	15.4	23.2



#20
3+4-Methylphenols
Concen: 3.451 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.01 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion:	107	Resp:	21658
Ion	Ratio	Lower	Upper
107	100		
108	81.3	70.3	110.3
77	135.1	15.4	55.4#
79	25.4	12.6	52.6

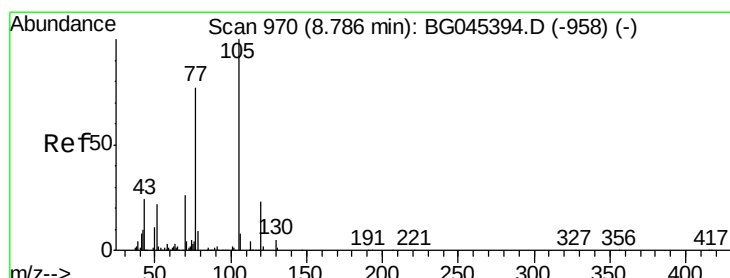
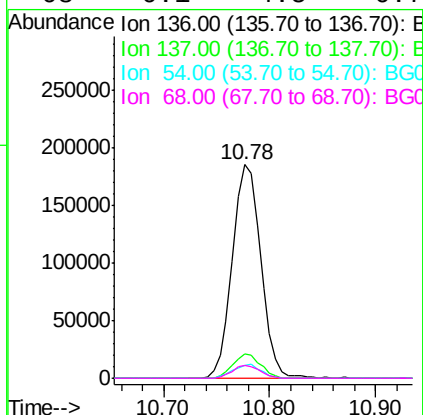
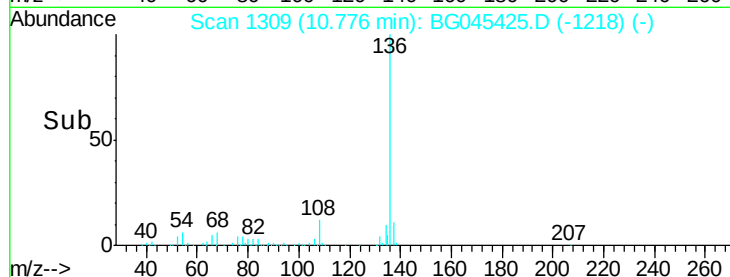
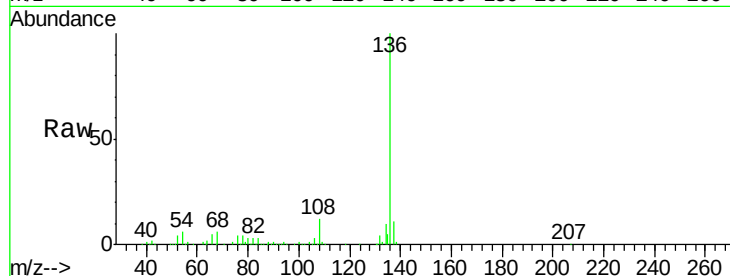




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

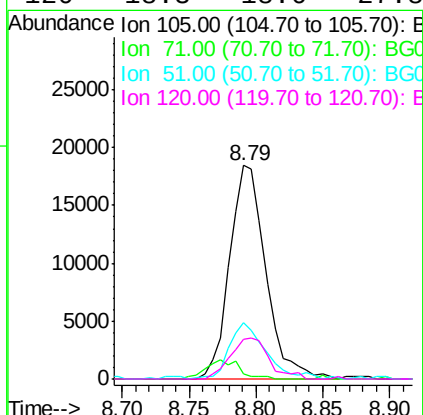
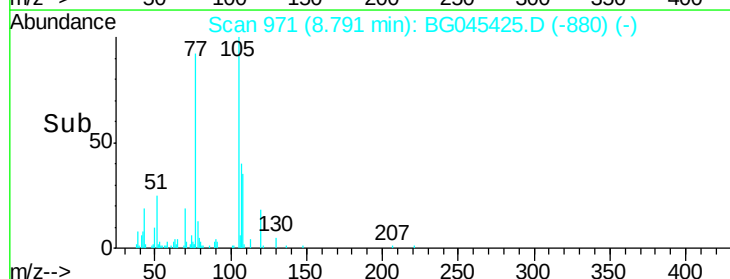
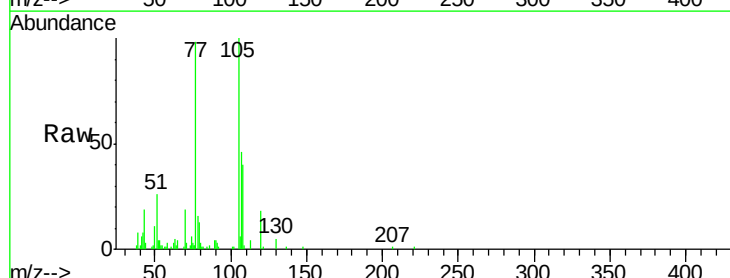
Instrument :
BNA_G
ClientSampleId :

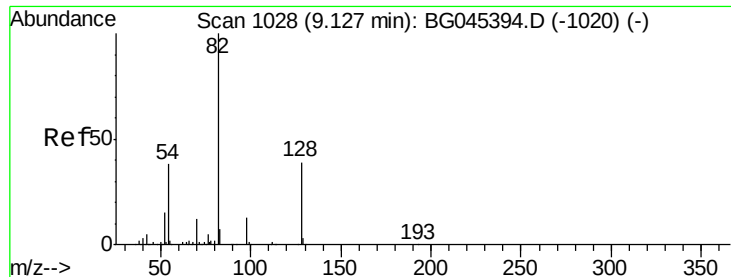
Tot Ion:136	Resp:	346323
Ion Ratio	Lower	Upper
136 100		
137 11.4	9.4	14.2
54 6.2	5.8	8.6
68 6.1	4.5	6.7



#22
Acetophenone
Concen: 4.245 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt	Ion:105	Resp:	34844
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.4	5.0#
51	26.4	18.2	27.2
120	18.3	18.6	27.8#

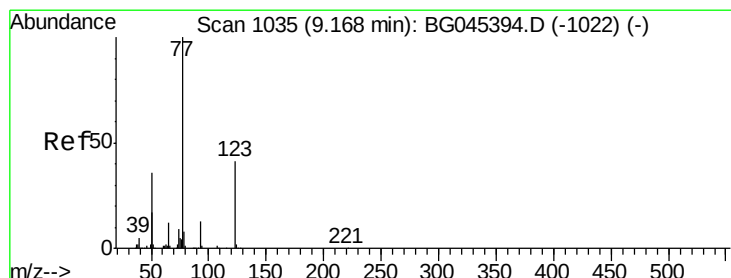
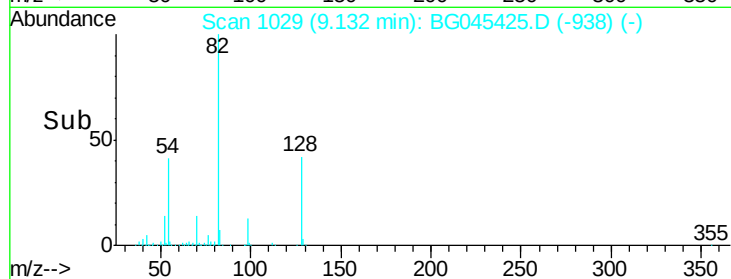
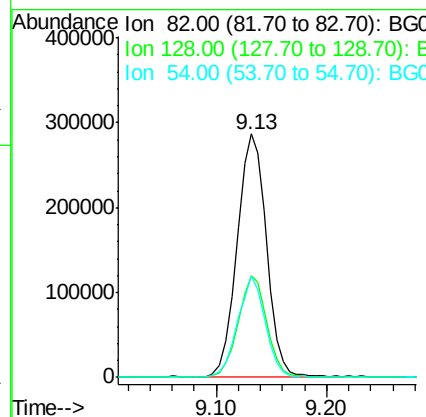
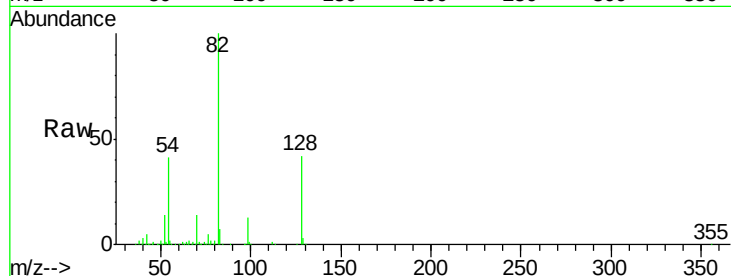




#23
 Nitrobenzene-d5
 Concen: 84.375 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

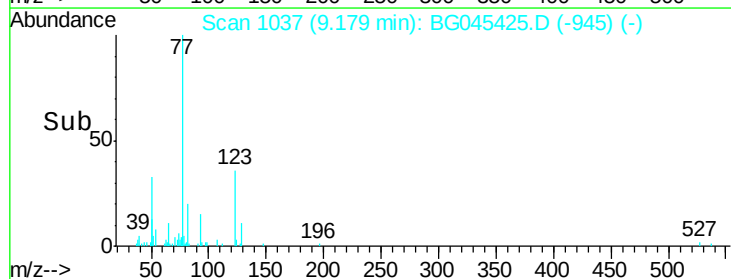
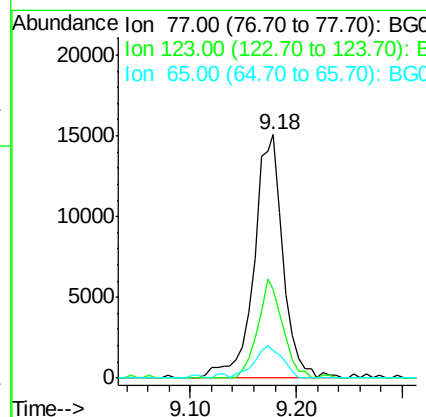
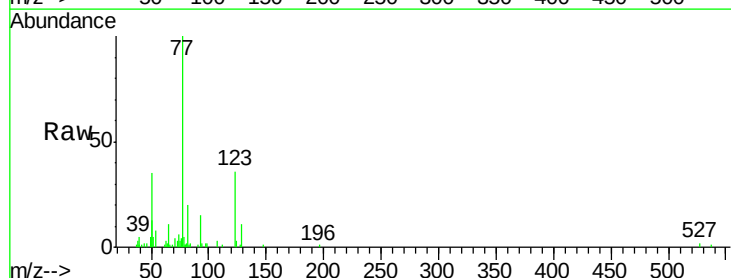
Instrument :
 BNA_G
 ClientSampleId :

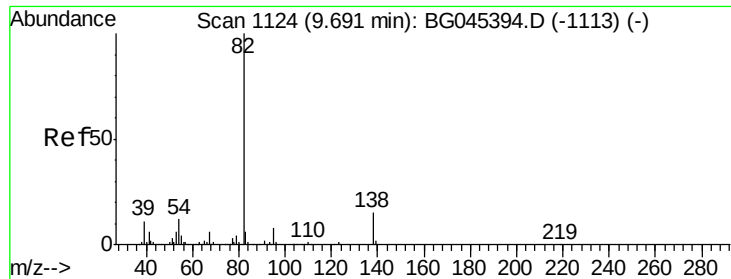
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	30.9	46.3
54	41.5	30.3	45.5



#24
 Nitrobenzene
 Concen: 4.223 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	32.9	49.3
65	11.2	9.4	14.2





#25

Isophorone

Concen: 4.292 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

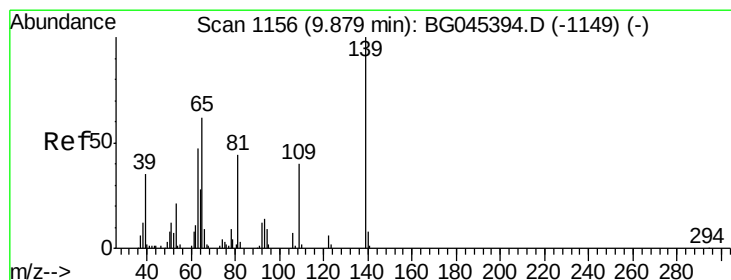
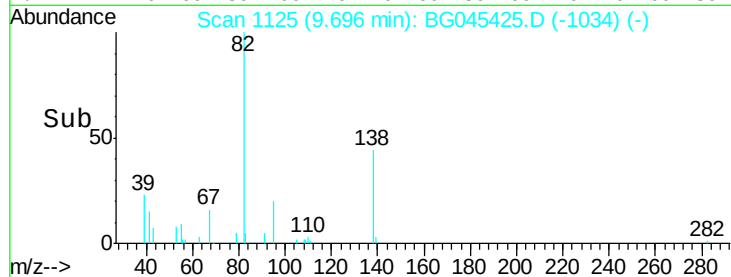
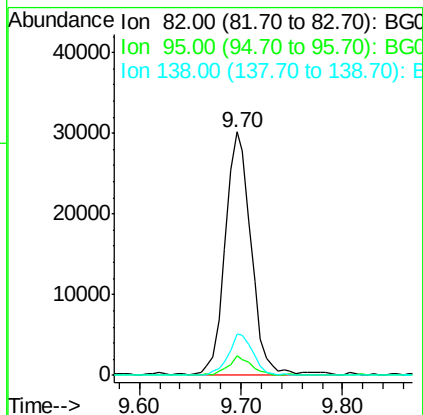
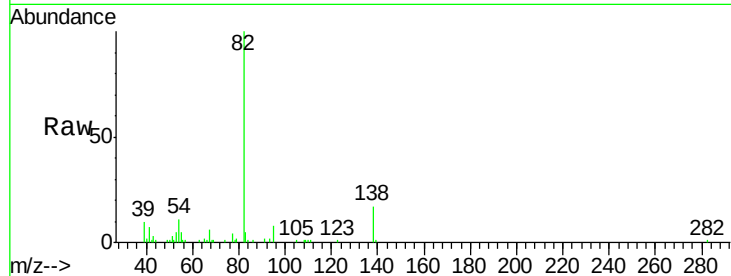
Tot Ion: 82 Resp: 53680

Ion Ratio Lower Upper

82 100

95 7.8 6.7 10.1

138 17.0 12.2 18.4



#26

2-Nitrophenol

Concen: 3.669 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

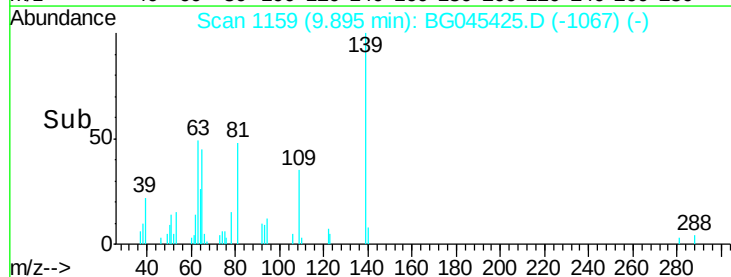
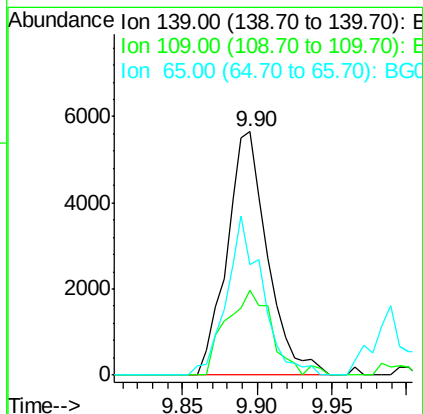
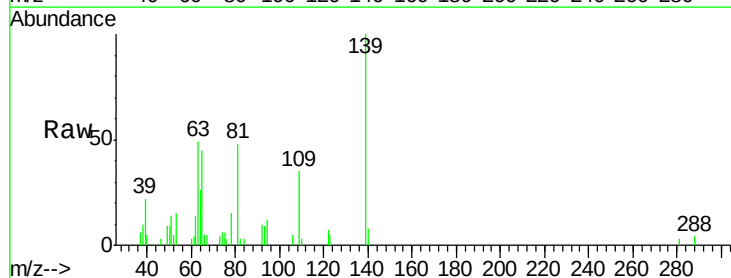
Tgt Ion: 139 Resp: 10680

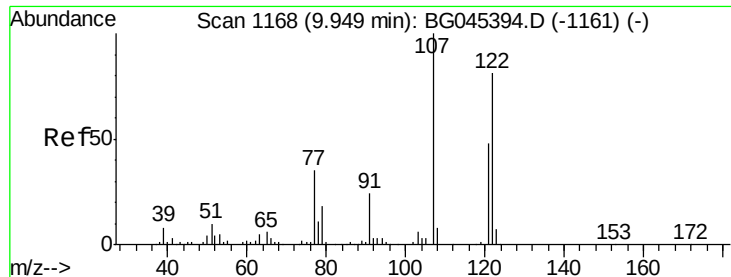
Ion Ratio Lower Upper

139 100

109 35.1 32.2 48.4

65 45.3 49.6 74.4#

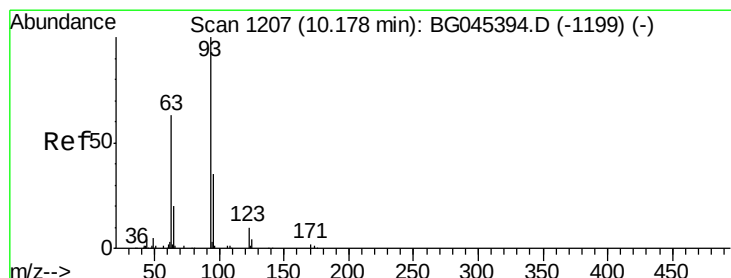
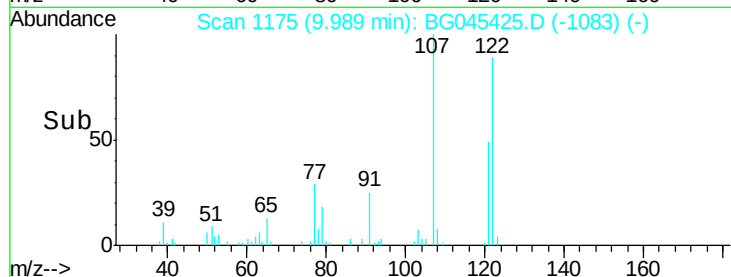
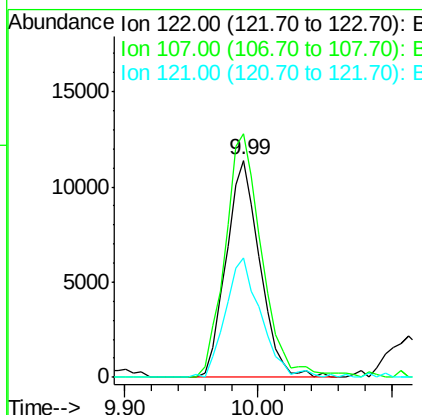
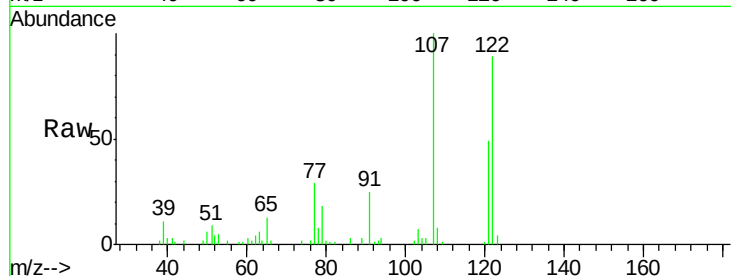




#27
 2,4-Dimethylphenol
 Concen: 4.612 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

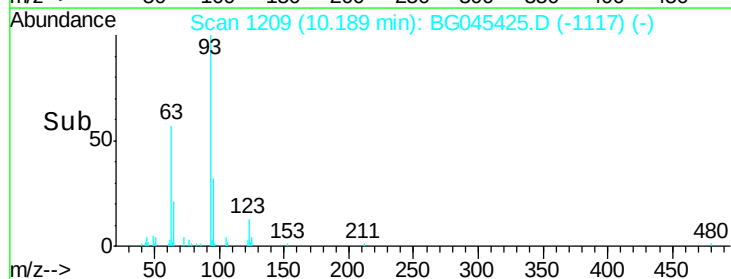
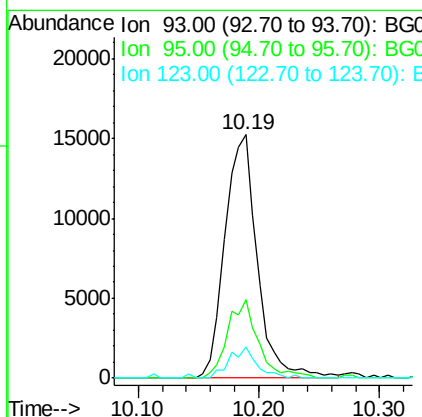
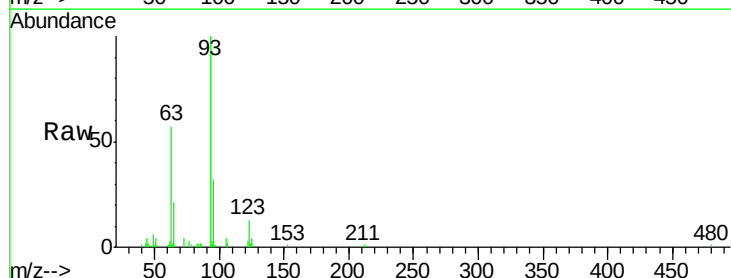
Instrument :
 BNA_G
 ClientSampleId :

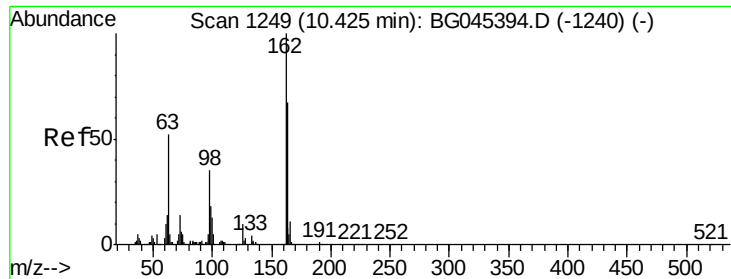
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	99.0	148.4
121	54.9	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.335 ng
 RT: 10.19 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.6	41.4
123	12.6	8.1	12.1#





#29

2,4-Dichlorophenol

Concen: 3.659 ng

RT: 10.47 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

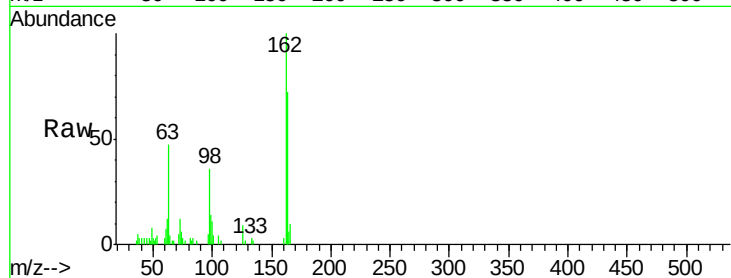
Tot Ion:162 Resp: 18656

Ion Ratio Lower Upper

162 100

164 71.5 46.8 86.8

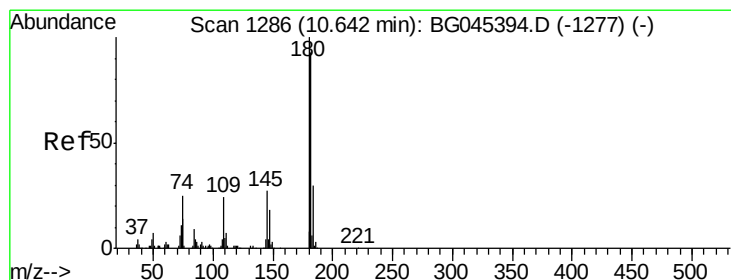
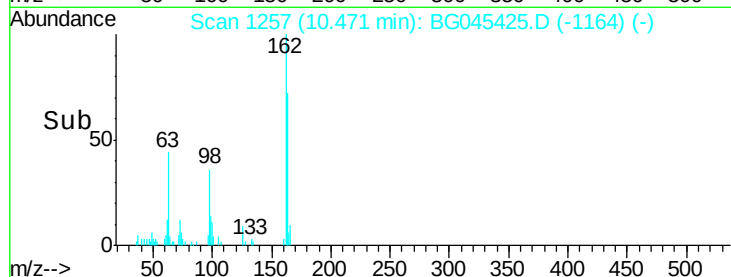
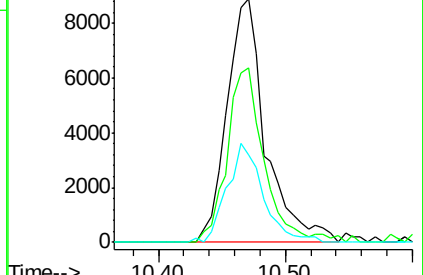
98 35.7 15.2 55.2



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: 4.161 ng

RT: 10.64 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

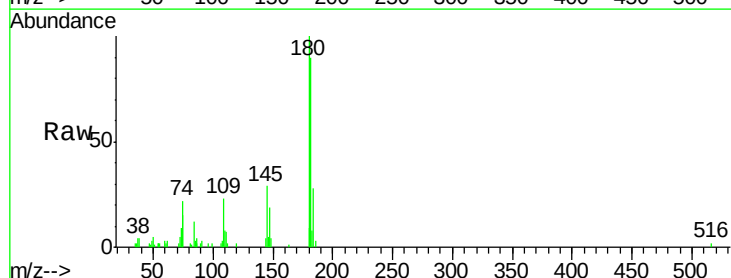
Tgt Ion:180 Resp: 25067

Ion Ratio Lower Upper

180 100

182 90.1 74.8 112.2

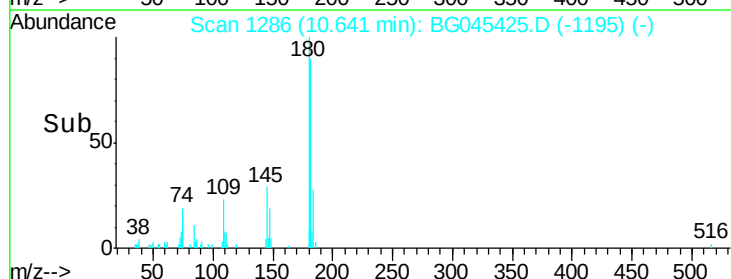
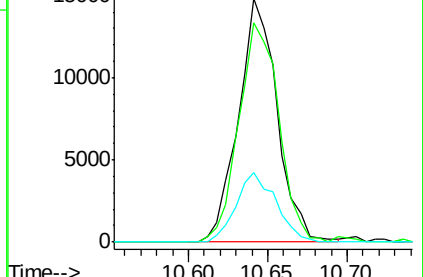
145 28.6 21.9 32.9

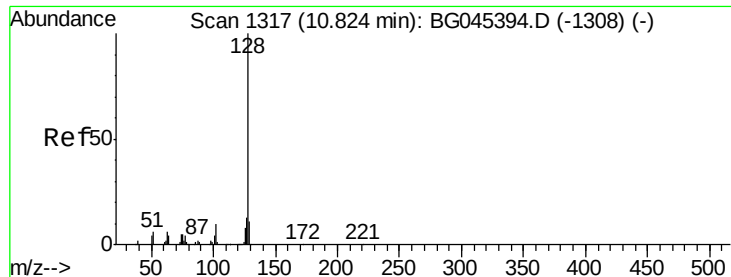


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

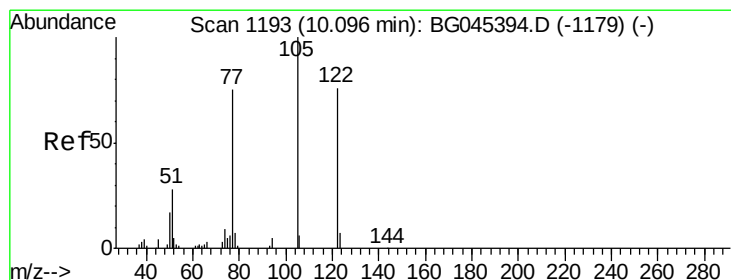
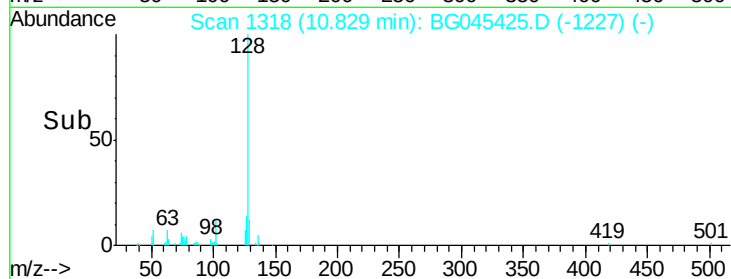
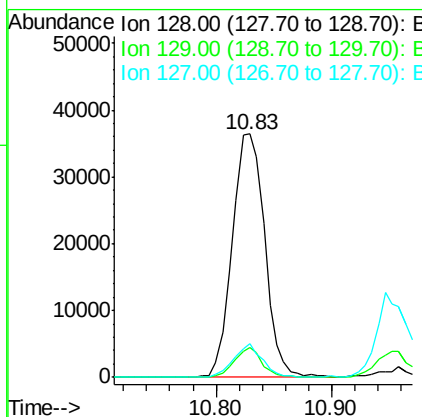
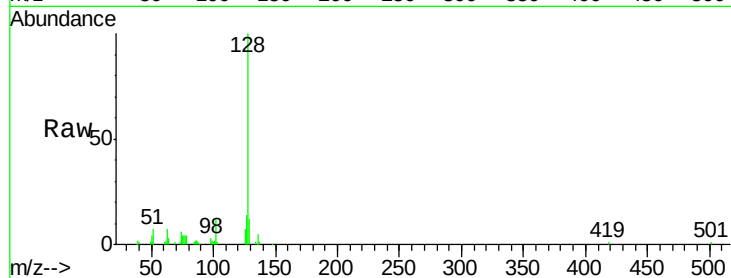




#31
Naphthalene
Concen: 4.400 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

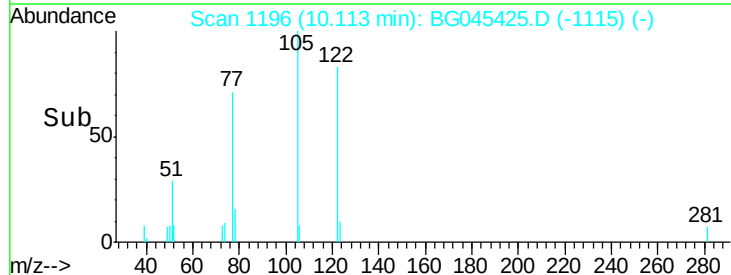
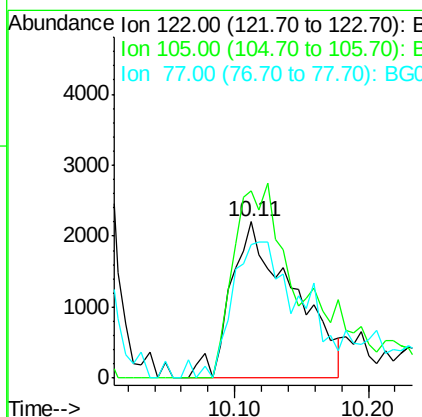
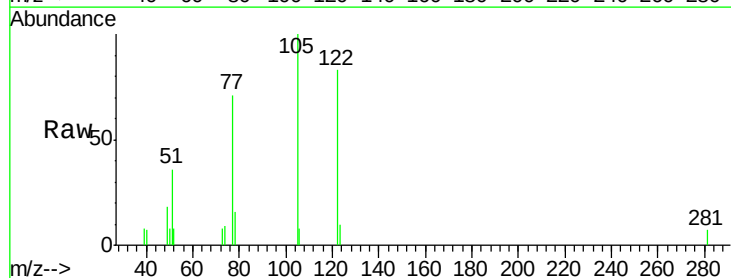
Instrument :
BNA_G
ClientSampled :

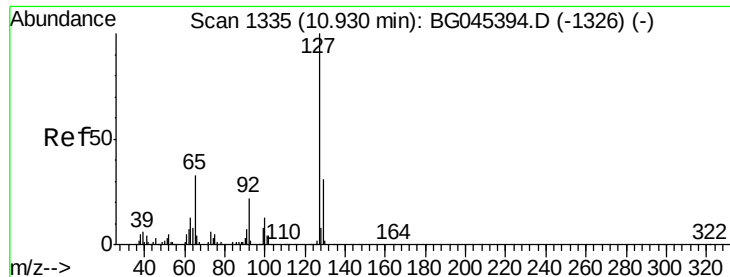
Tot Ion:128 Resp: 71017
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 2.769 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.06 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion:122 Resp: 7180
Ion Ratio Lower Upper
122 100
105 120.0 107.9 147.9
77 85.3 78.9 118.9

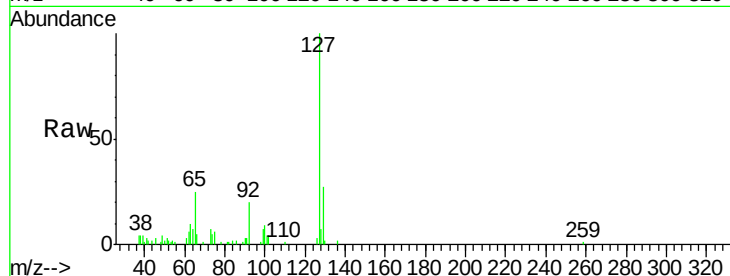




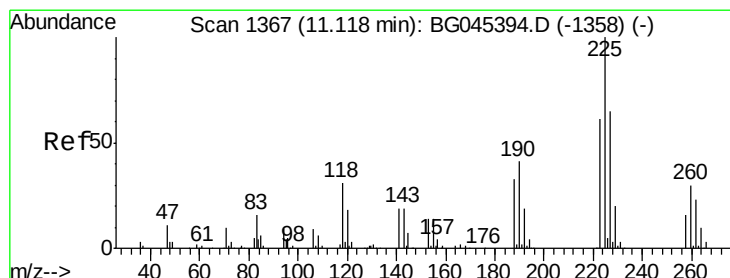
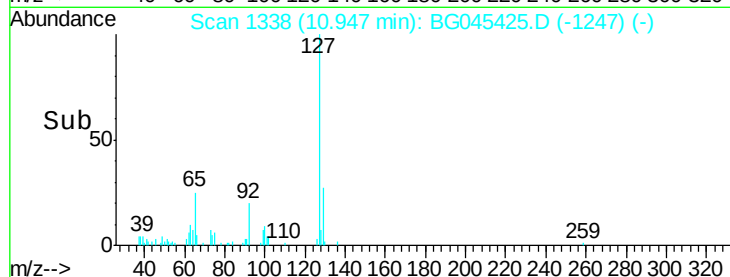
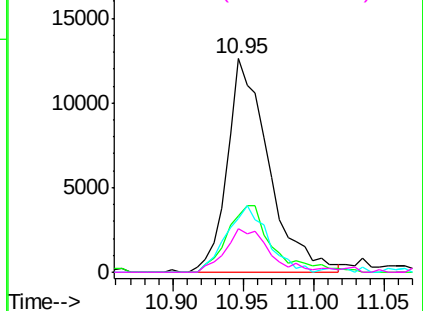
#33
4-Chloroaniline
Concen: 3.840 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	25904
Ion	Ratio	Lower	Upper
127	100		
129	26.6	24.7	37.1
65	25.0	26.2	39.2#
92	20.5	17.9	26.9

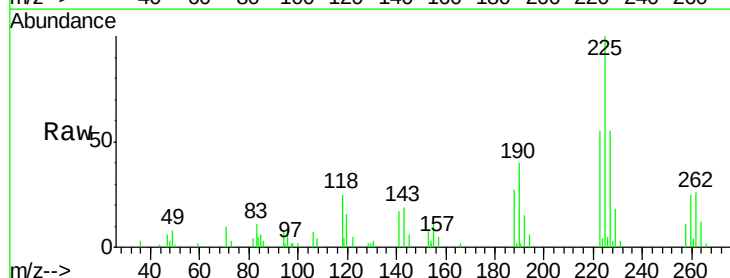


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

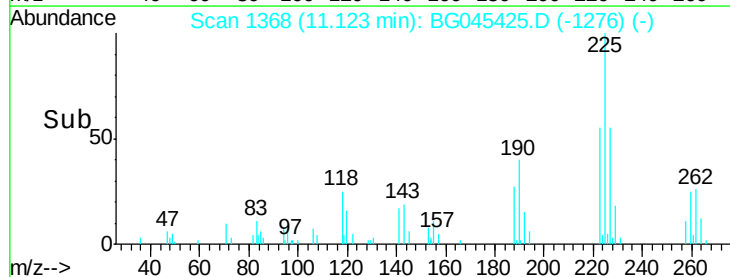
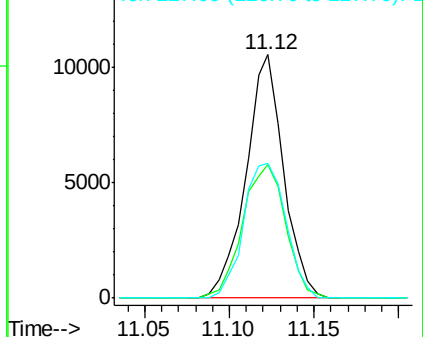


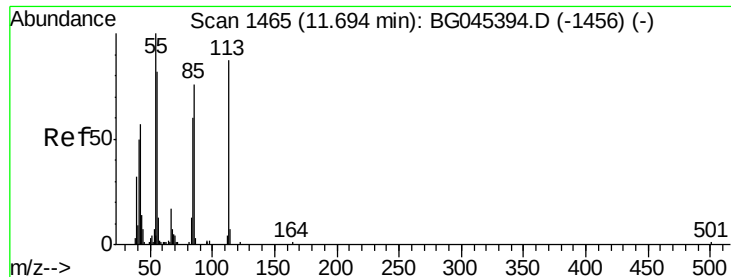
#34
Hexachlorobutadiene
Concen: 3.852 ng
RT: 11.12 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion:	225	Resp:	16403
Ion	Ratio	Lower	Upper
225	100		
223	54.9	49.1	73.7
227	55.3	52.0	78.0



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

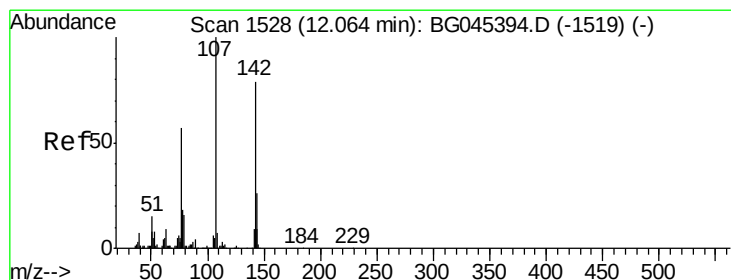
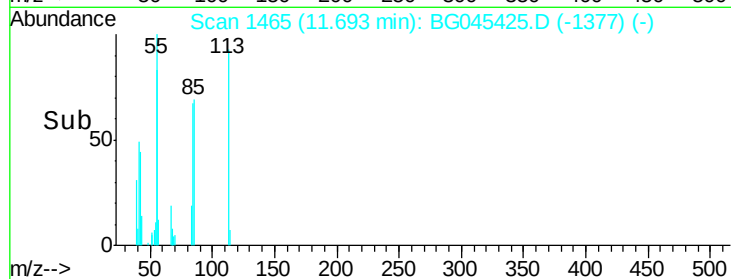
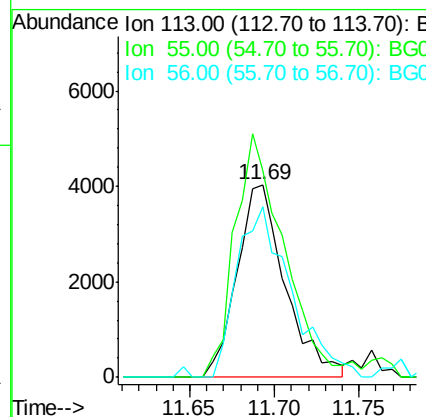
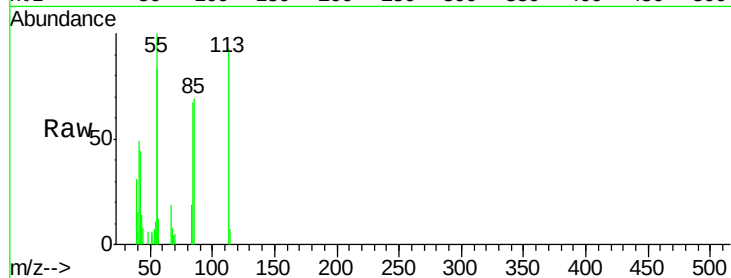




#35
 Caprolactam
 Concen: 4.269 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

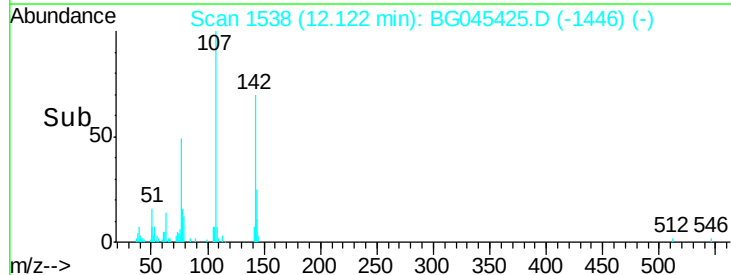
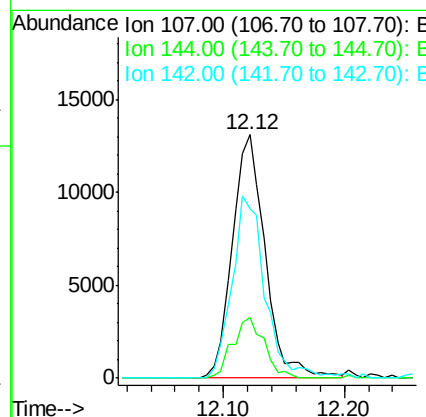
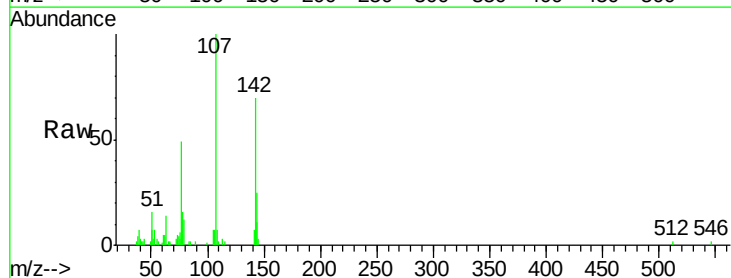
Instrument :
 BNA_G
 ClientSampleId :

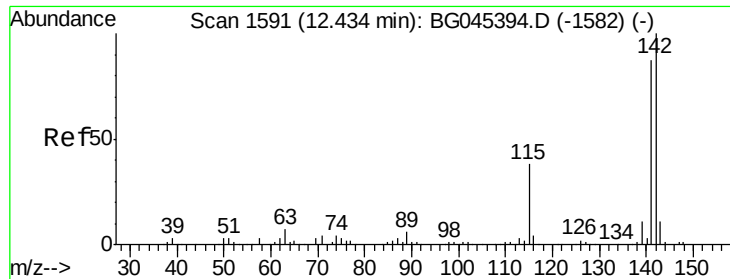
Tot Ion:113 Resp: 7988
 Ion Ratio Lower Upper
 113 100
 55 107.0 96.0 136.0
 56 88.7 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 4.319 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion:107 Resp: 24813
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.8 31.2
 142 69.5 62.8 94.2

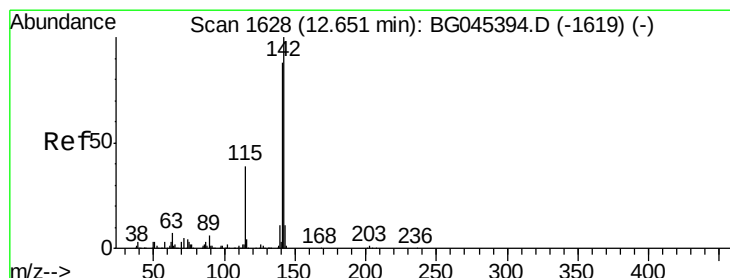
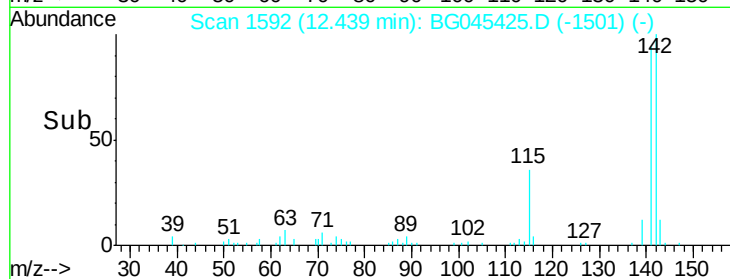
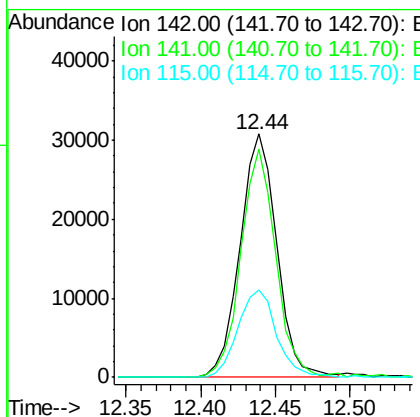
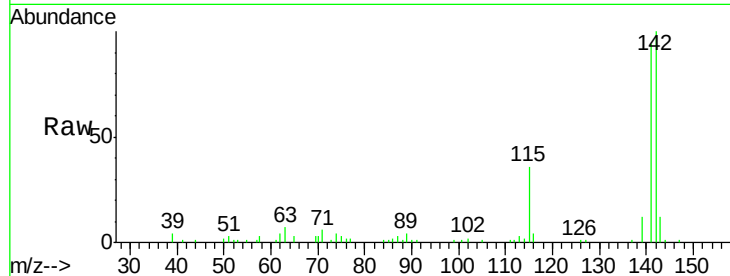




#37
2-Methylnaphthalene
Concen: 4.363 ng
RT: 12.44 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

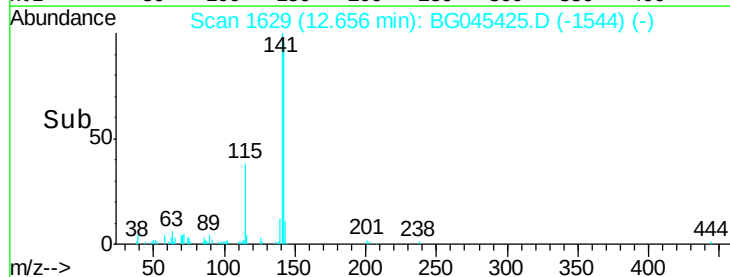
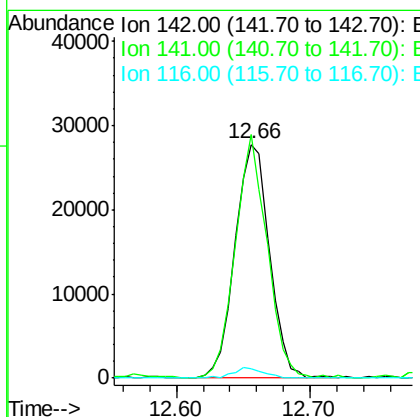
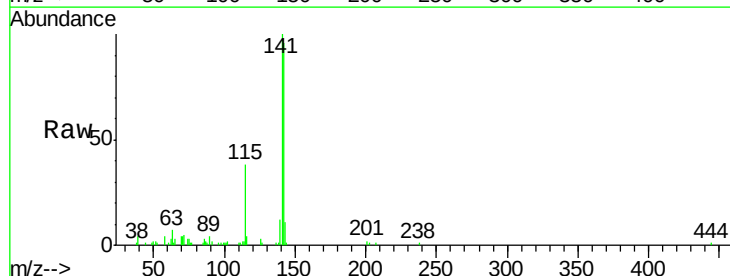
Instrument :
BNA_G
ClientSampleId :

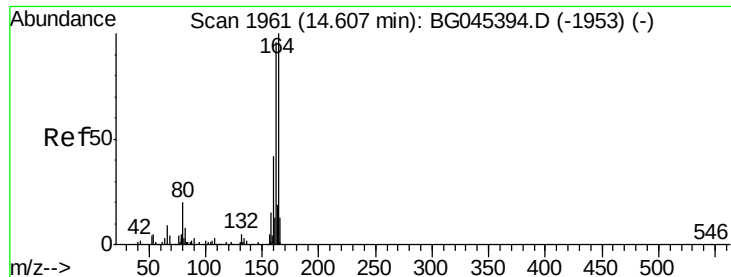
Tot Ion:142 Resp: 52481
Ion Ratio Lower Upper
142 100
141 93.7 70.0 105.0
115 35.8 30.8 46.2



#38
1-Methylnaphthalene
Concen: 4.364 ng
RT: 12.66 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion:142 Resp: 49585
Ion Ratio Lower Upper
142 100
141 104.2 70.8 106.2
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

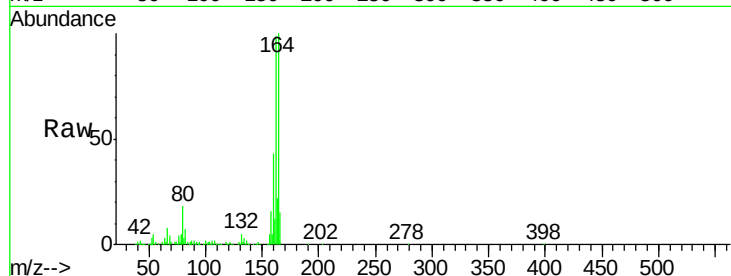
Tot Ion:164 Resp: 251706

Ion Ratio Lower Upper

164 100

162 98.9 76.9 115.3

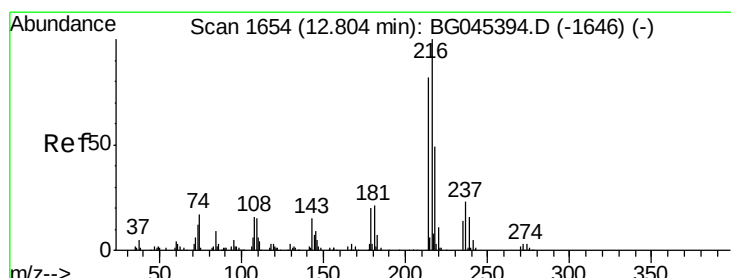
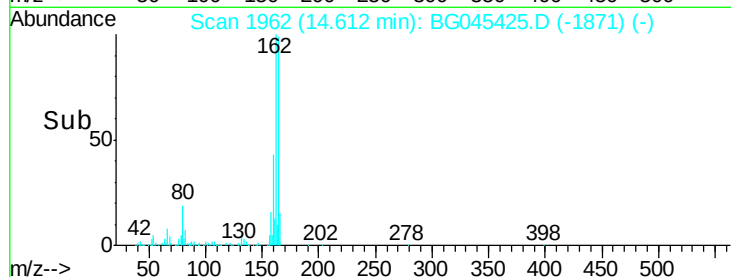
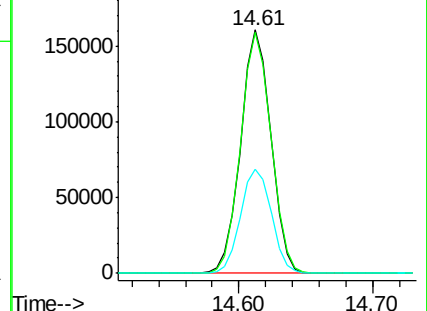
160 43.0 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.155 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Tgt Ion:216 Resp: 29212

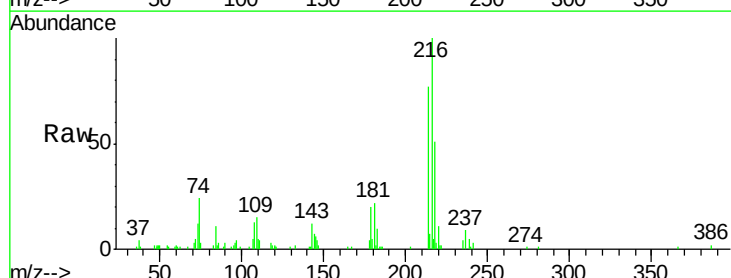
Ion Ratio Lower Upper

216 100

214 81.1 63.7 95.5

179 20.1 16.1 24.1

108 16.3 13.8 20.6

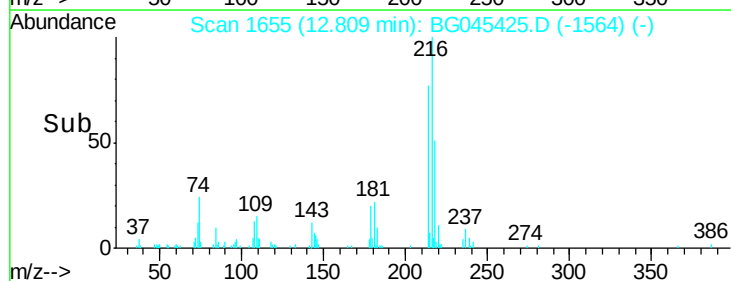
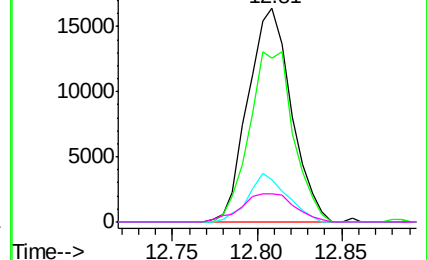


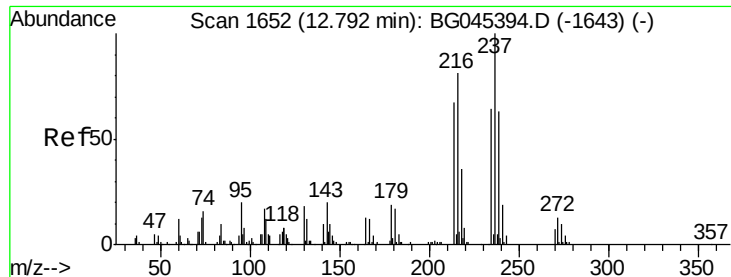
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 2.679 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

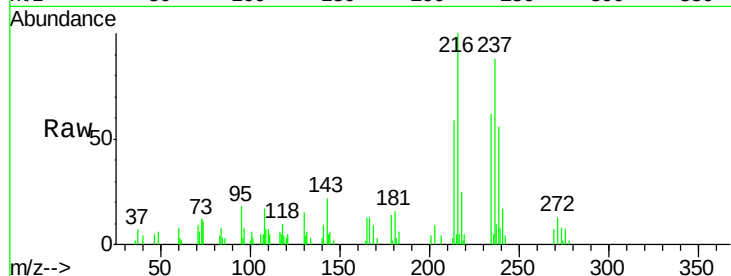
Tot Ion:237 Resp: 10872

Ion Ratio Lower Upper

237 100

235 70.3 44.4 84.4

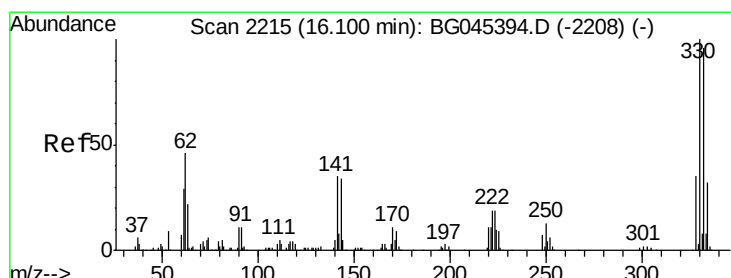
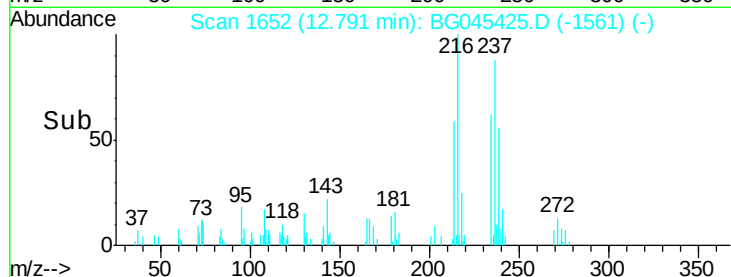
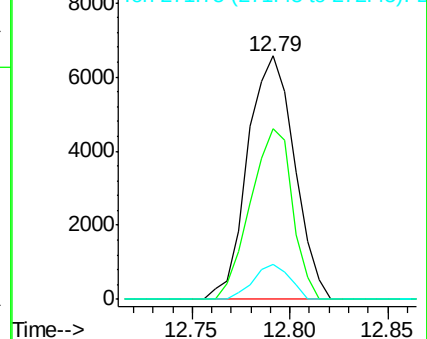
272 14.2 0.0 32.5



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: 134.311 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

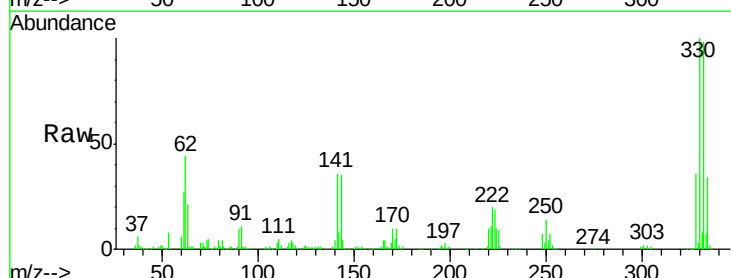
Tgt Ion:330 Resp: 432351

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.4

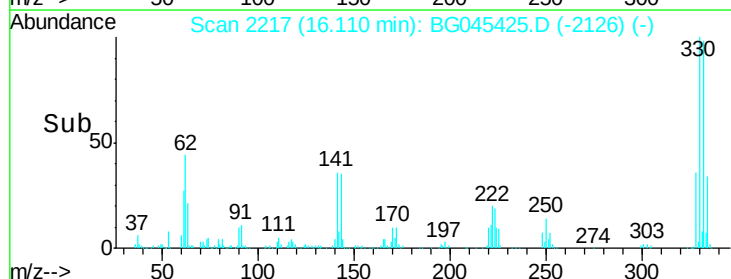
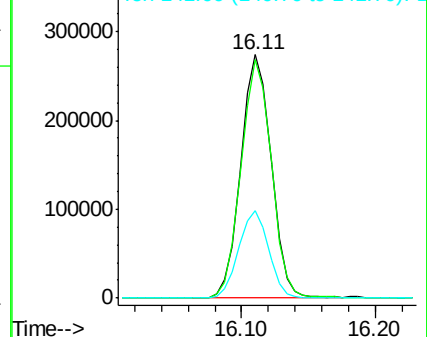
141 35.9 28.2 42.4

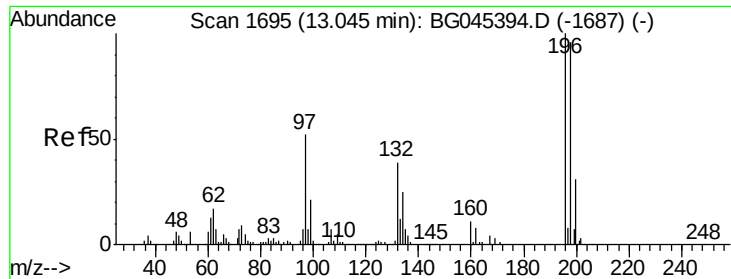


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

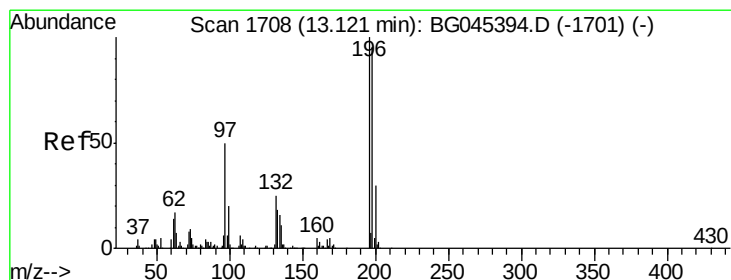
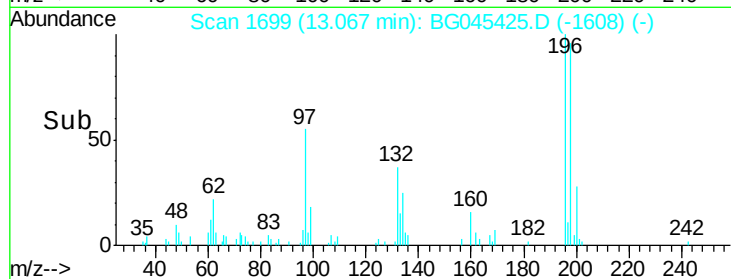
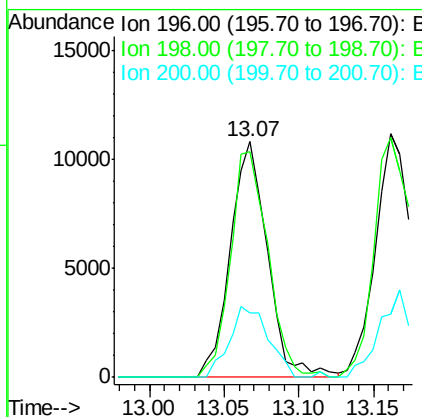
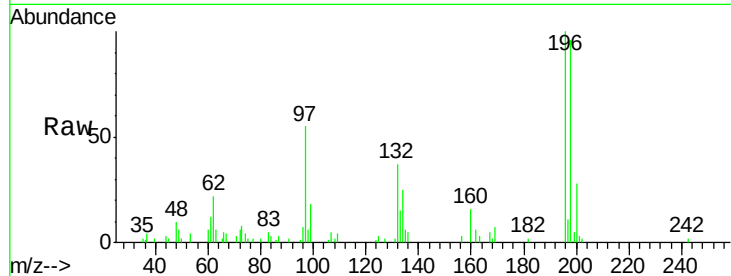




#43
 2,4,6-Trichlorophenol
 Concen: 3.849 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

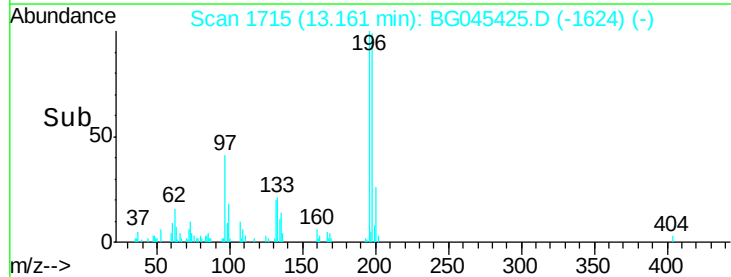
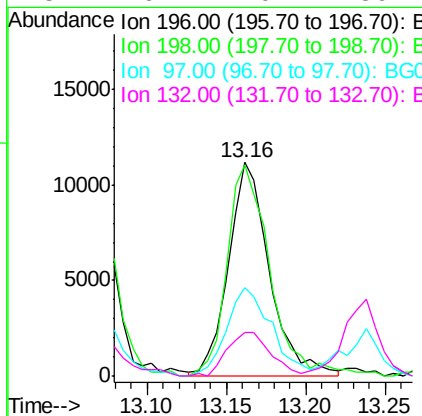
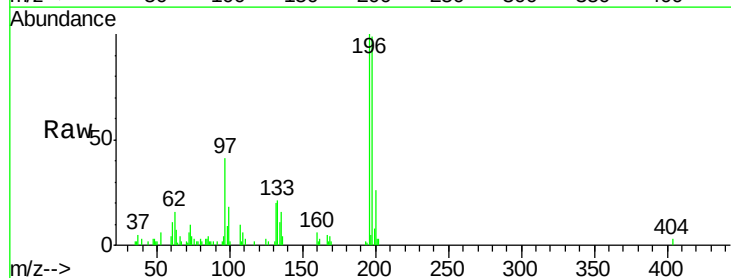
Instrument :
 BNA_G
 ClientSampleId :

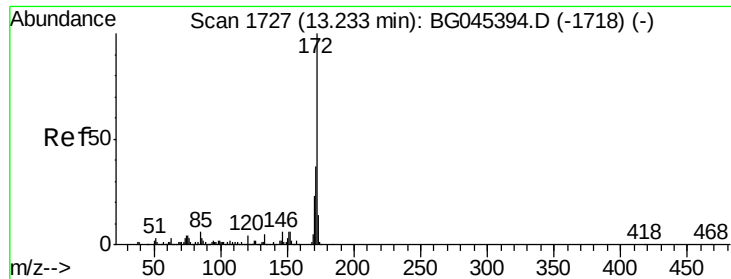
Tot Ion:196	Resp:	18797
Ion Ratio	Lower	Upper
196	100	
198	95.7	76.7 115.1
200	27.5	24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 3.594 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion:196	Resp:	20057
Ion Ratio	Lower	Upper
196	100	
198	98.7	76.1 114.1
97	41.2	40.0 60.0
132	20.1	20.2 30.2#

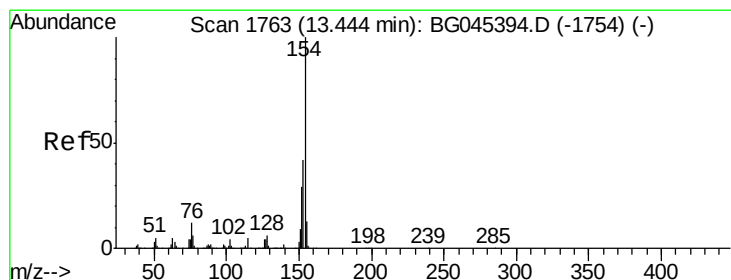
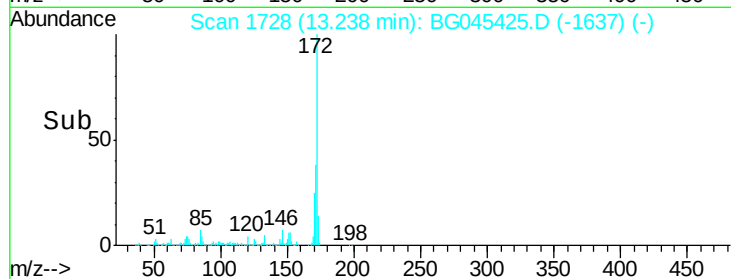
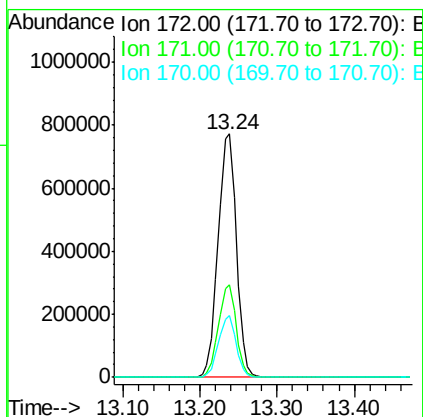
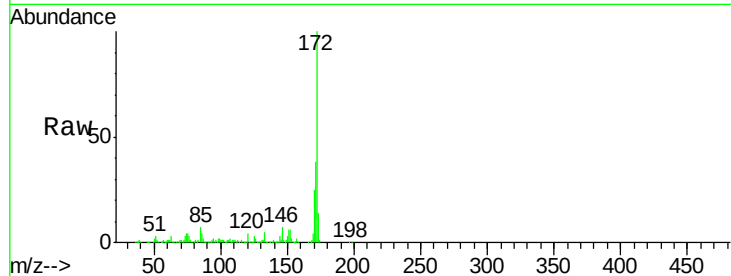




#45
2-Fluorobiphenyl
Concen: 85.451 ng
RT: 13.24 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

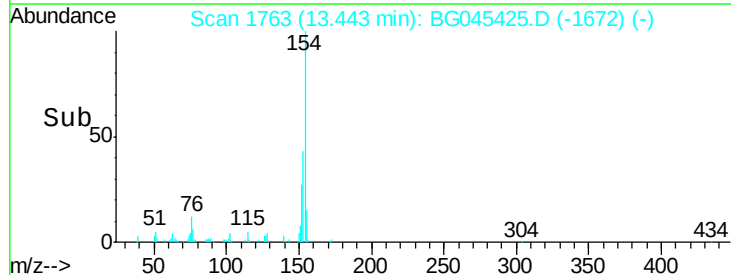
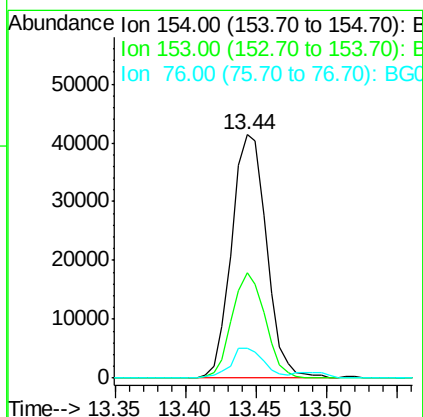
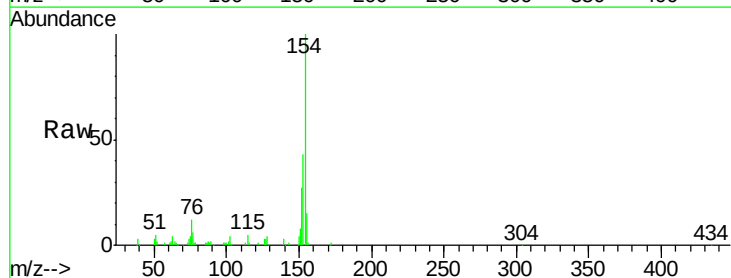
Instrument :
BNA_G
ClientSampleId :

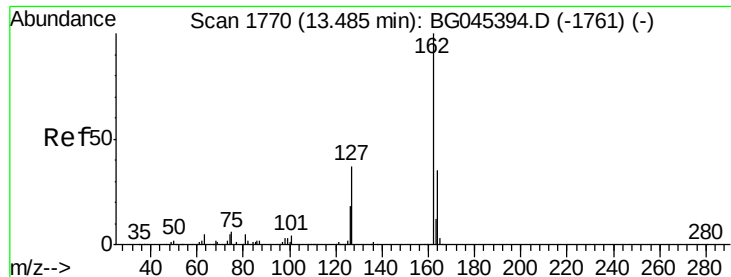
Tot Ion:172 Resp: 1268034
Ion Ratio Lower Upper
172 100
171 38.0 29.5 44.3
170 25.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 4.613 ng
RT: 13.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion:154 Resp: 71350
Ion Ratio Lower Upper
154 100
153 43.3 22.2 62.2
76 12.2 0.0 32.4

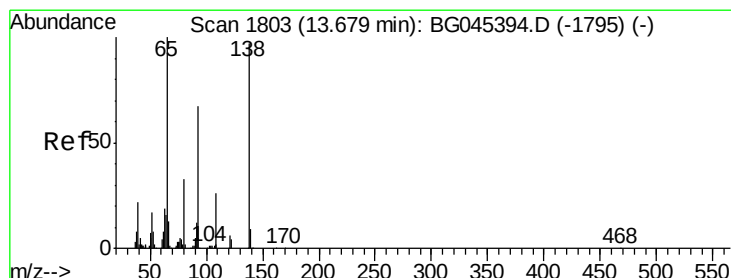
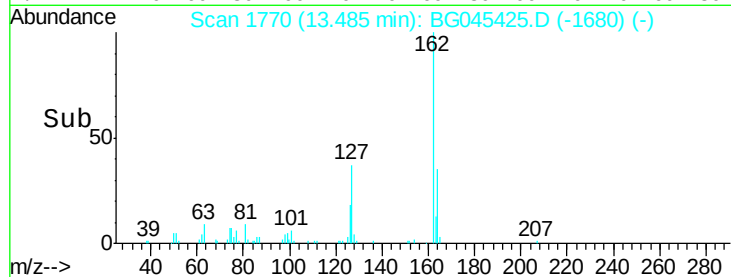
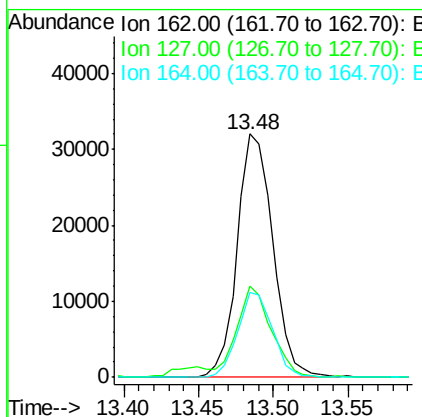
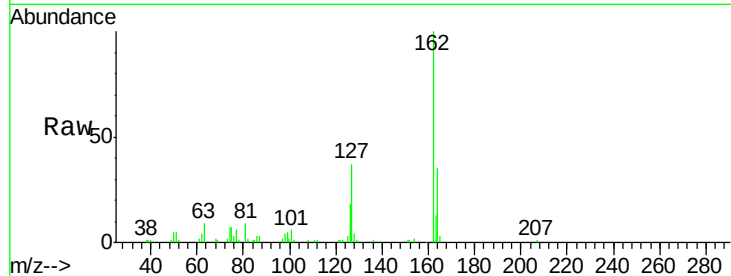




#47
2-Chloronaphthalene
Concen: 4.230 ng
RT: 13.48 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

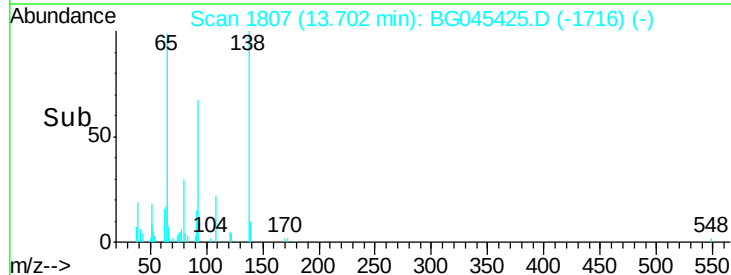
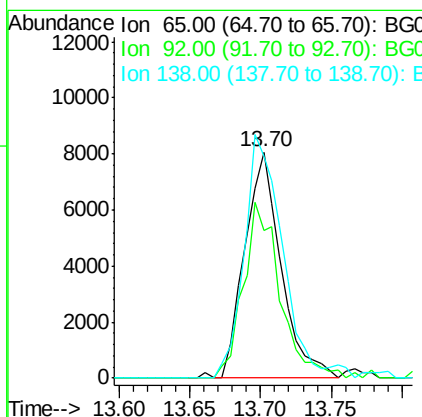
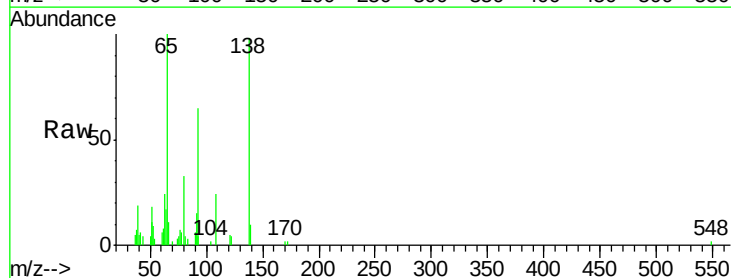
Instrument :
BNA_G
ClientSampleId :

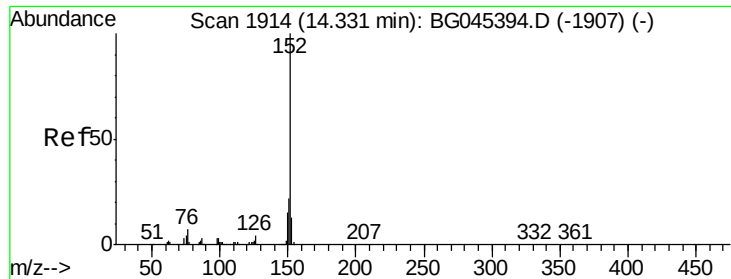
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.6	47.4
164	34.6	28.1	42.1



#48
2-Nitroaniline
Concen: 3.537 ng
RT: 13.70 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.8	80.8
138	98.1	77.9	116.9





#49

Acenaphthylene

Concen: 4.617 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

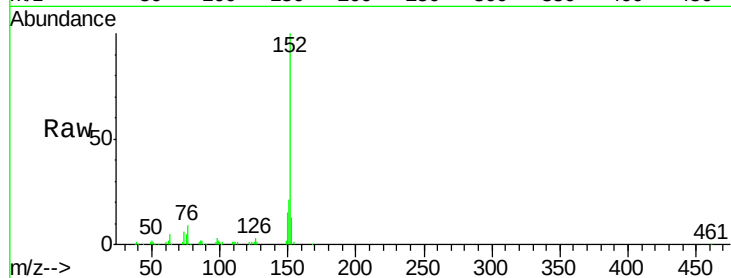
Tot Ion:152 Resp: 93132

Ion Ratio Lower Upper

152 100

151 20.5 17.4 26.2

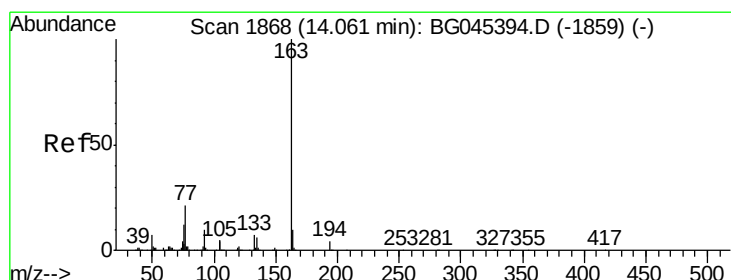
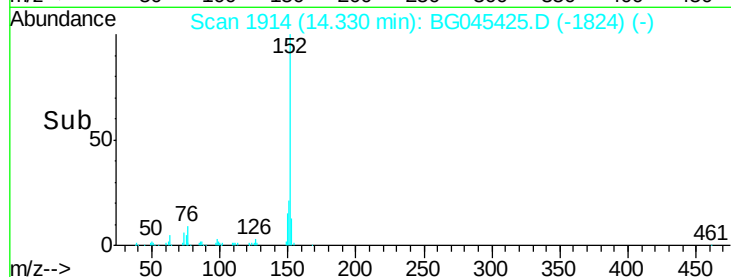
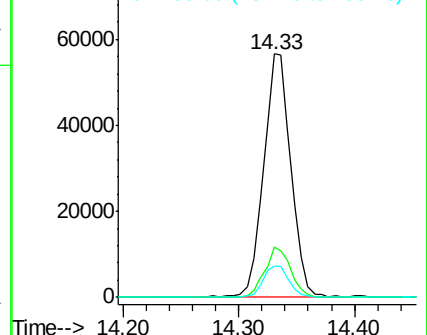
153 12.8 10.7 16.1



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: 4.411 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

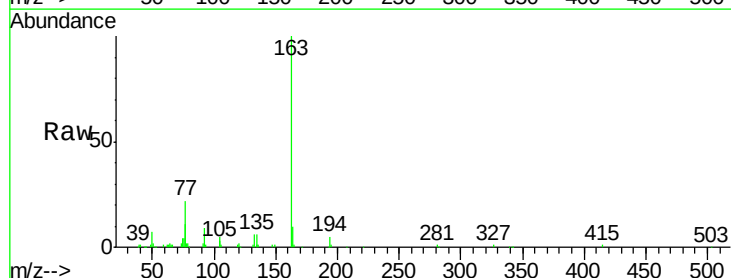
Tgt Ion:163 Resp: 76167

Ion Ratio Lower Upper

163 100

194 5.0 3.2 4.8#

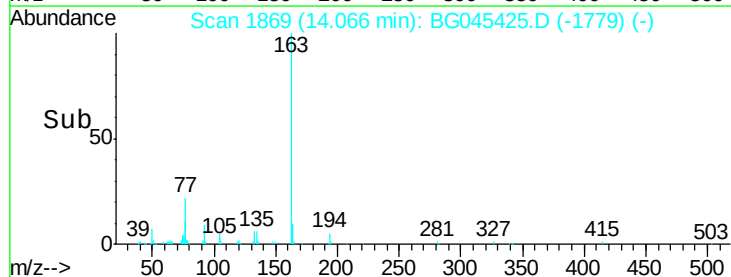
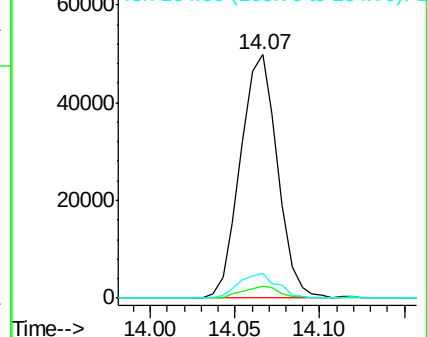
164 10.0 8.3 12.5

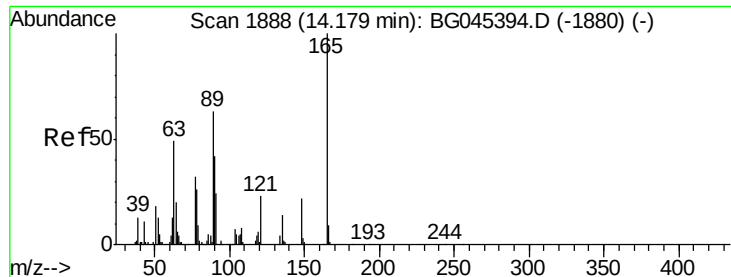


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

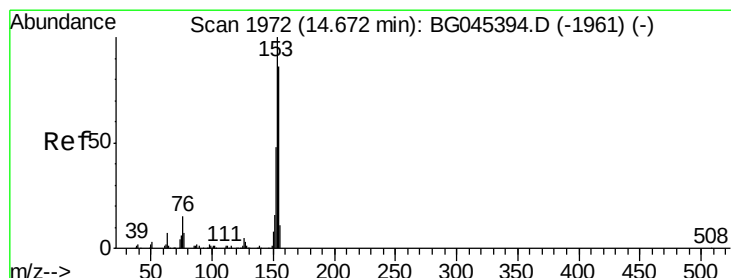
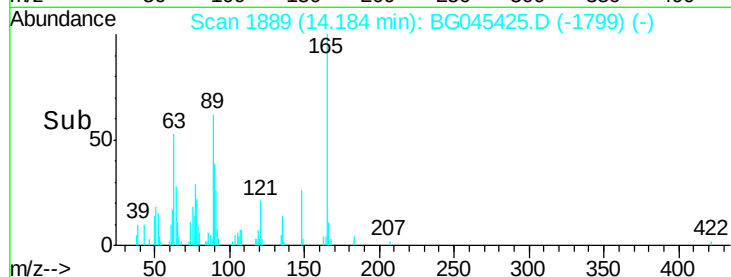
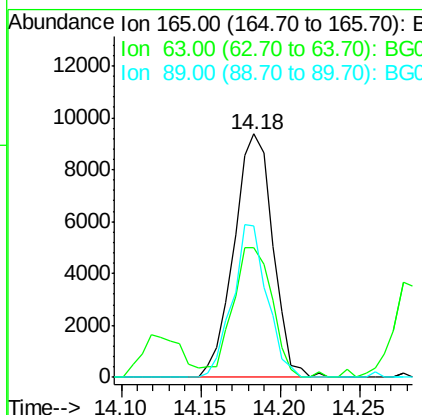
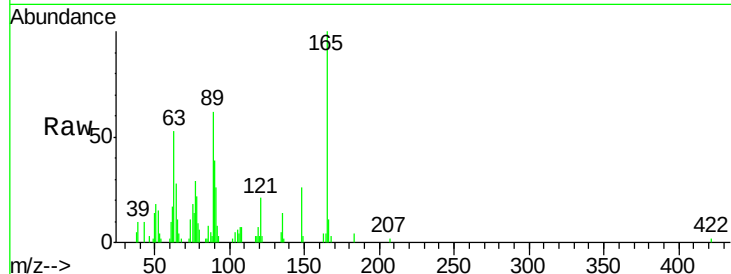




#51
 2,6-Dinitrotoluene
 Concen: 4.088 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

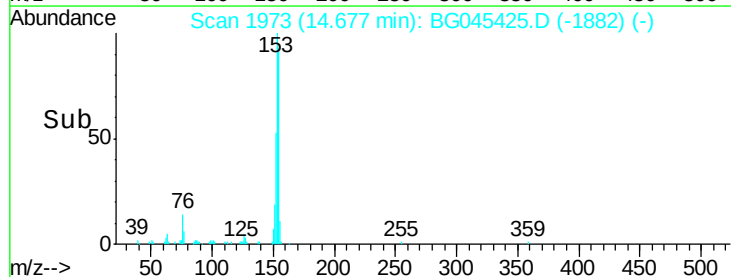
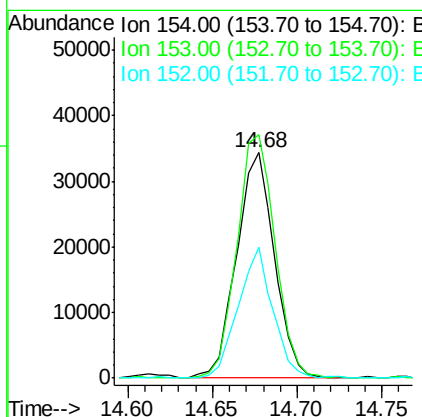
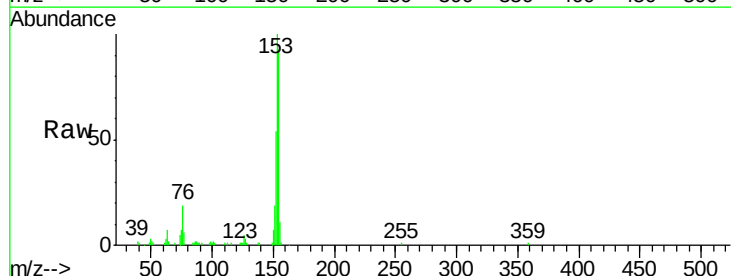
Instrument :
 BNA_G
 ClientSampleId :

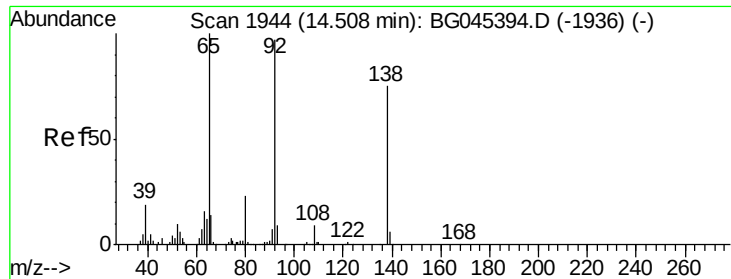
Tot Ion:165 Resp: 15928
 Ion Ratio Lower Upper
 165 100
 63 53.3 45.0 67.4
 89 62.3 50.2 75.4



#52
 Acenaphthene
 Concen: 3.966 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion:154 Resp: 53553
 Ion Ratio Lower Upper
 154 100
 153 108.1 92.8 139.2
 152 58.2 44.6 66.8

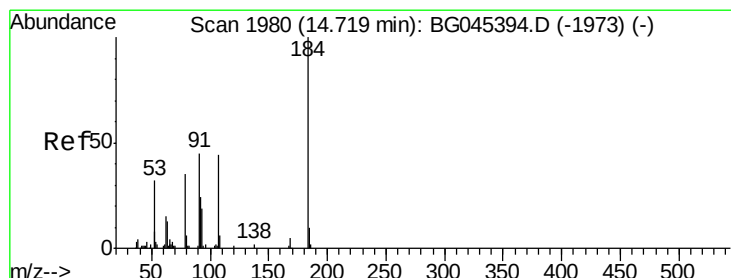
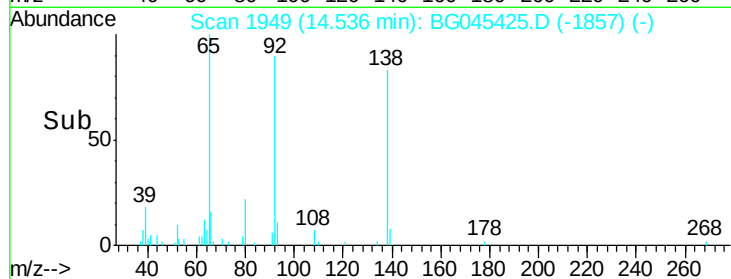
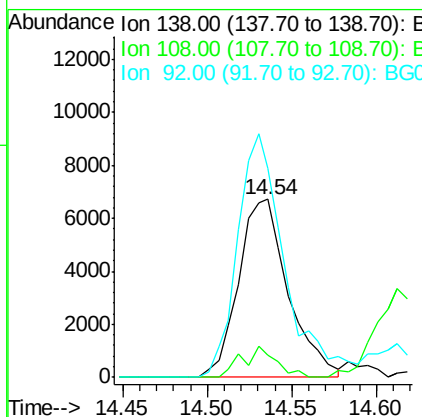
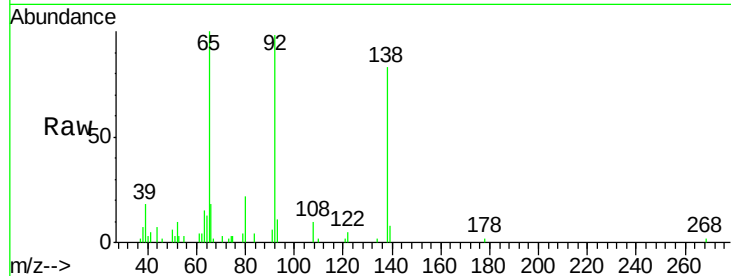




#53
 3-Nitroaniline
 Concen: 3.459 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.01 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

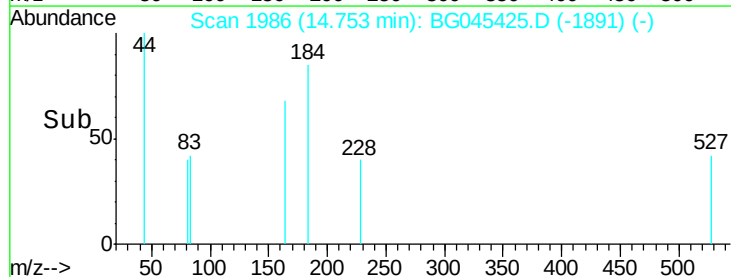
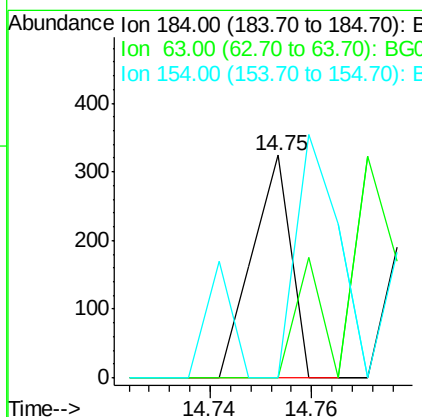
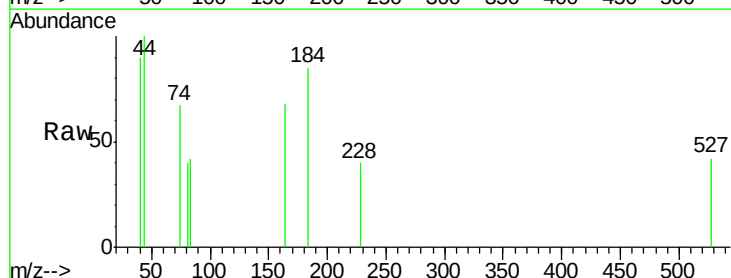
Instrument :
 BNA_G
 ClientSampleId :

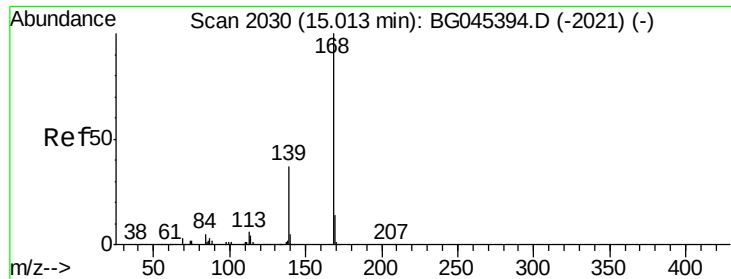
Tot Ion:138 Resp: 13701
 Ion Ratio Lower Upper
 138 100
 108 12.4 9.8 14.6
 92 117.8 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 0.076 ng
 RT: 14.75 min Scan# 1986
 Delta R.T. 0.03 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion:184 Resp: 171
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.8 71.6#
 154 0.0 58.3 87.5#





#55

Dibenzenofuran

Concen: 4.490 ng

RT: 15.01 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

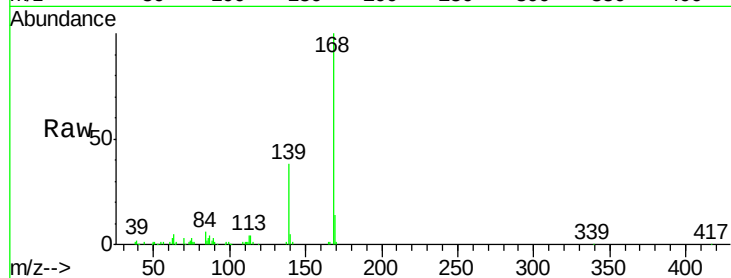
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 90030

Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.9	44.9
169	13.5	10.9	16.3

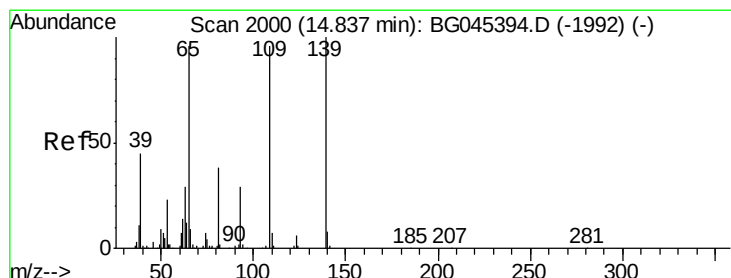
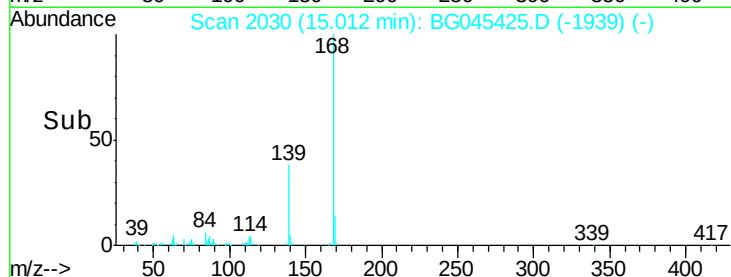
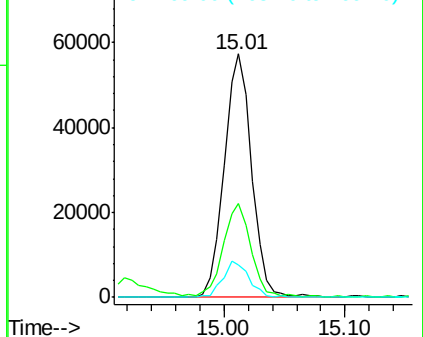


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 3.306 ng

RT: 14.92 min Scan# 2014

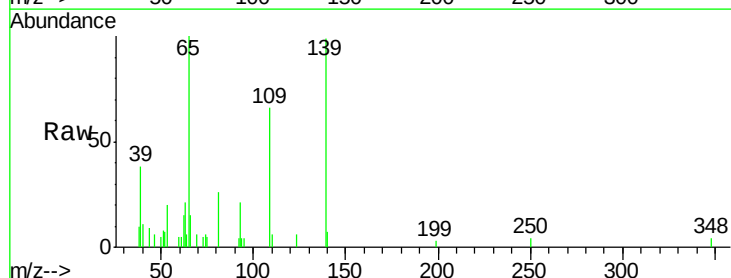
Delta R.T. 0.01 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Tgt Ion:139 Resp: 9913

Ion	Ratio	Lower	Upper
139	100		
109	66.6	75.6	115.6#
65	101.3	76.8	116.8

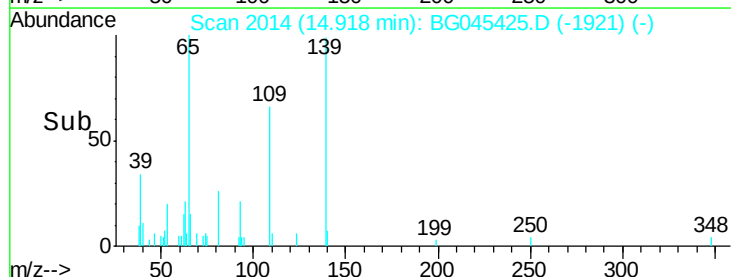
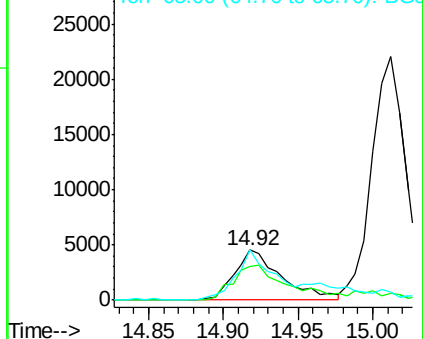


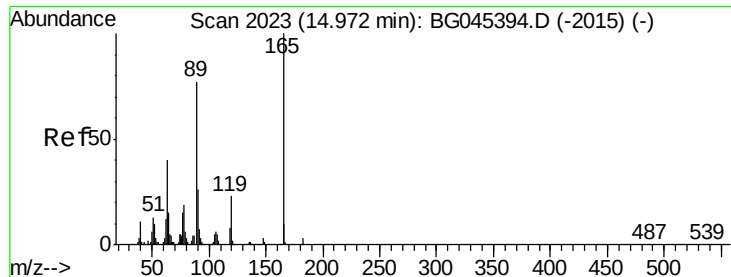
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

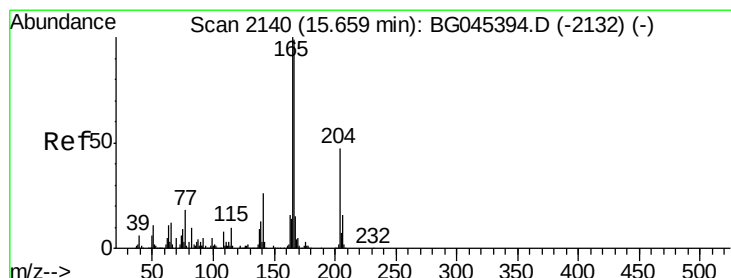
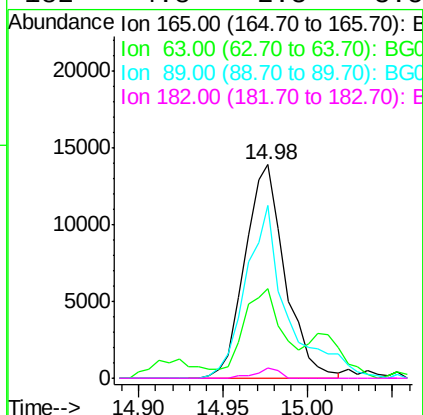
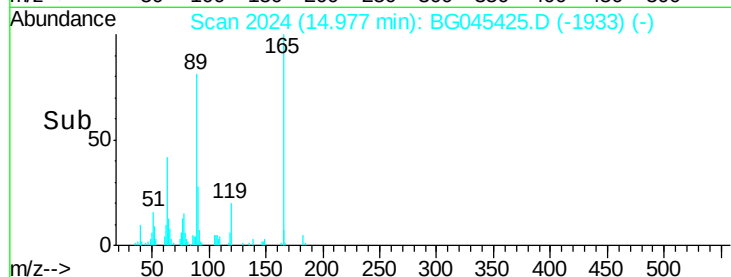
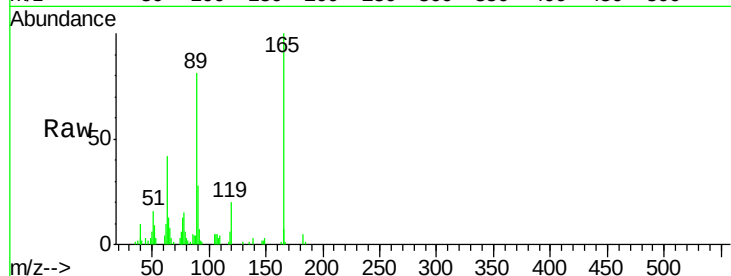




#57
2,4-Dinitrotoluene
Concen: 4.069 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

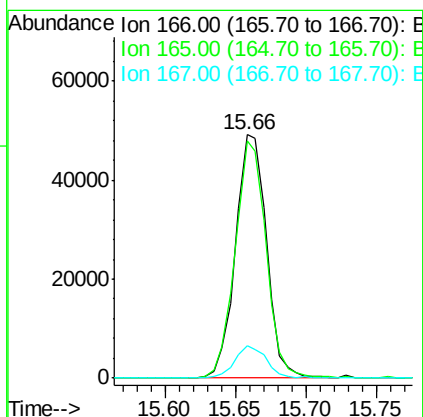
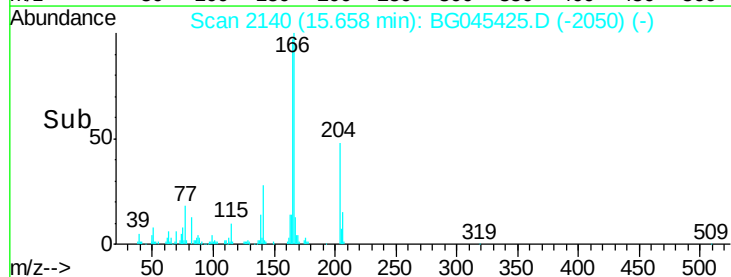
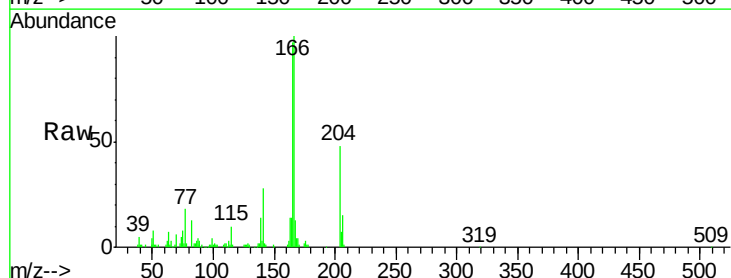
Instrument :
BNA_G
ClientSampleId :

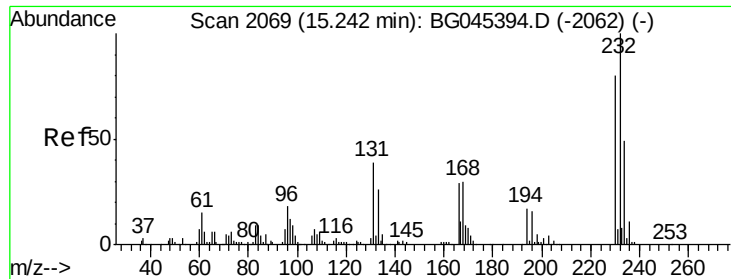
Tot Ion:165 Resp: 22958
Ion Ratio Lower Upper
165 100
63 41.7 32.5 48.7
89 80.7 61.8 92.6
182 4.8 2.3 3.5#



#58
Fluorene
Concen: 4.587 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion:166 Resp: 75572
Ion Ratio Lower Upper
166 100
165 97.2 80.8 121.2
167 13.5 12.0 18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.041 ng

RT: 15.26 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BG045425.D

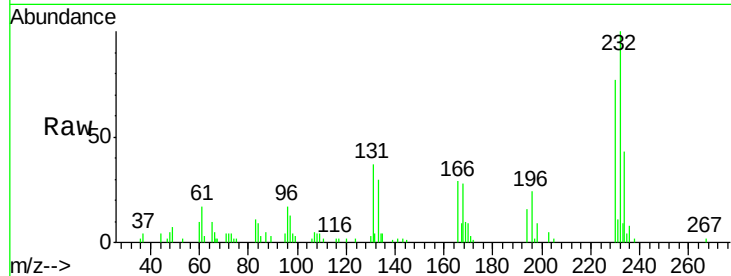
Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232	Resp:	19843
Ion Ratio	Lower	Upper
232	100	
131	38.0	33.7 50.5
130	2.3	2.1 3.1
166	27.4	23.2 34.8

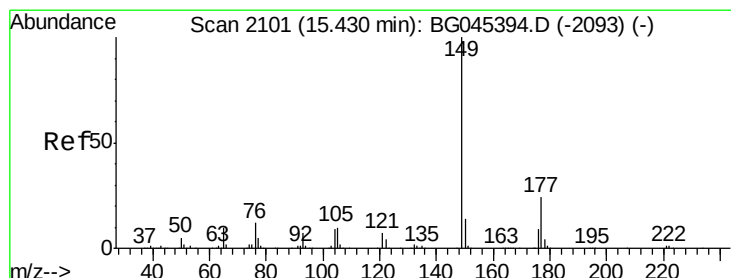
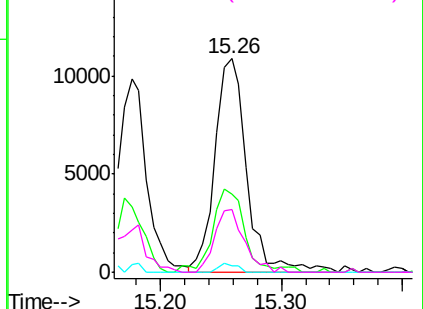
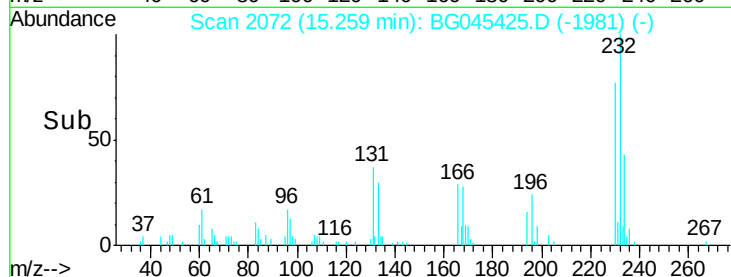


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 4.561 ng

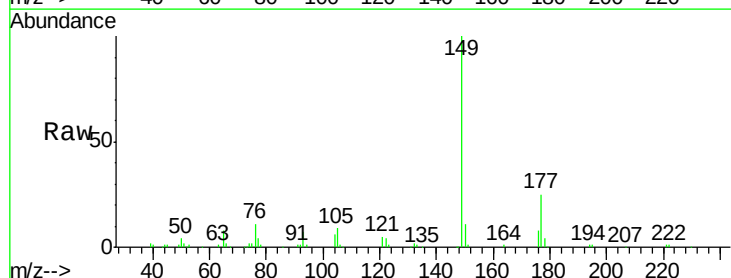
RT: 15.43 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

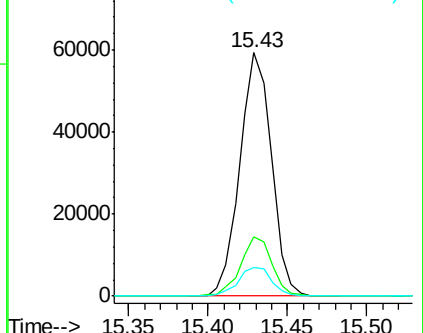
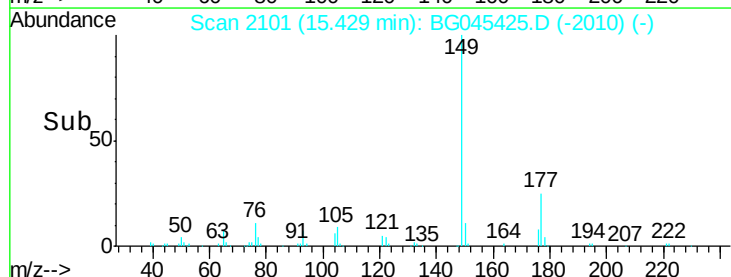
Tgt Ion:149	Resp:	81970
Ion Ratio	Lower	Upper
149	100	
177	24.5	19.0 28.4
150	11.5	11.4 17.0

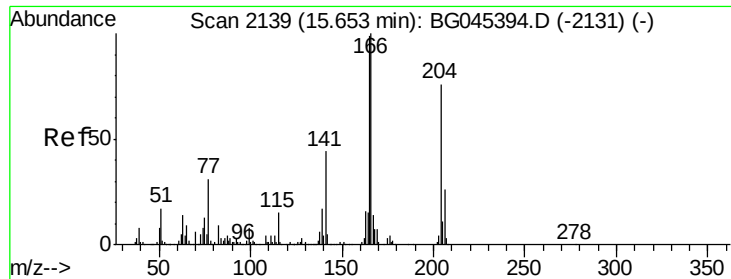


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

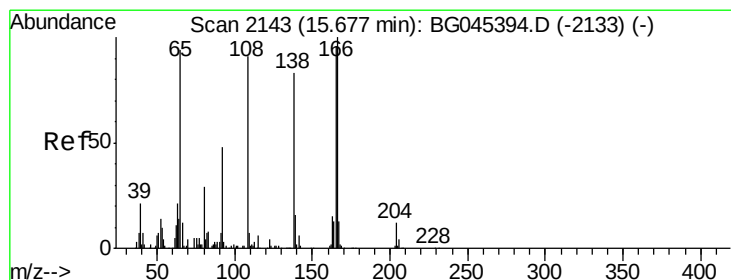
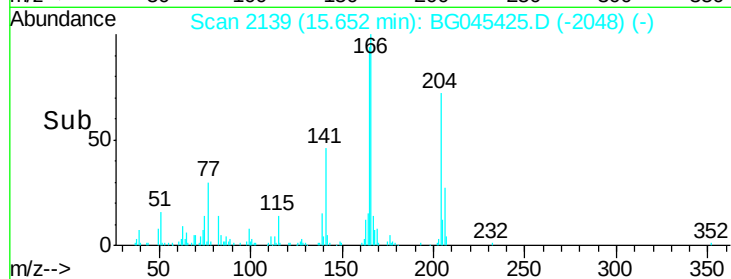
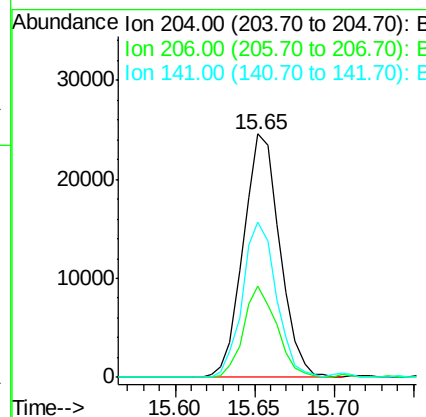
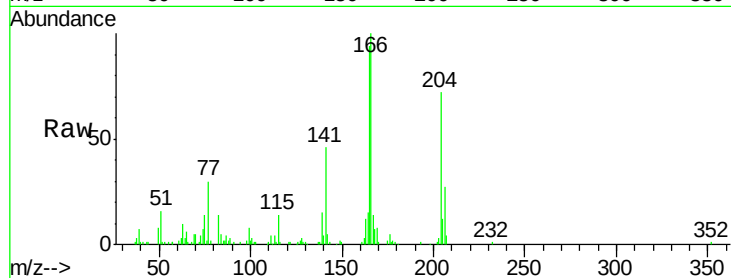




#61
 4-Chlorophenyl-phenylether
 Concen: 4.163 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

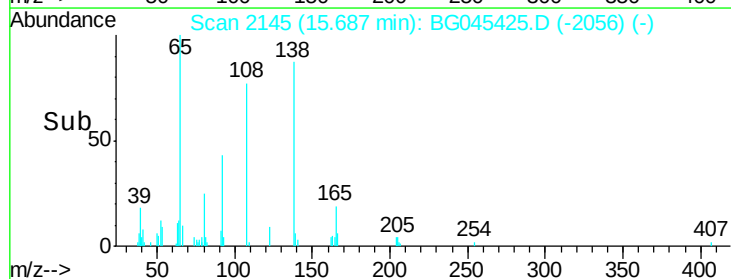
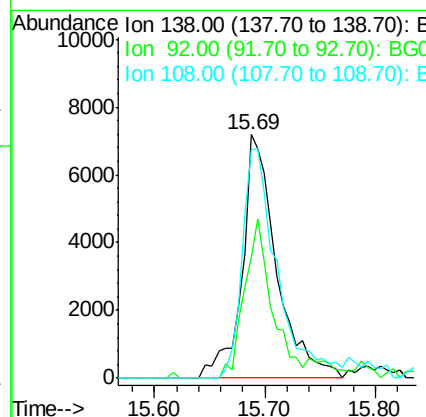
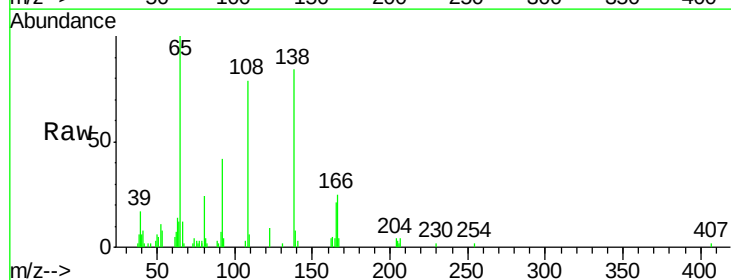
Instrument :
 BNA_G
 ClientSampleId :

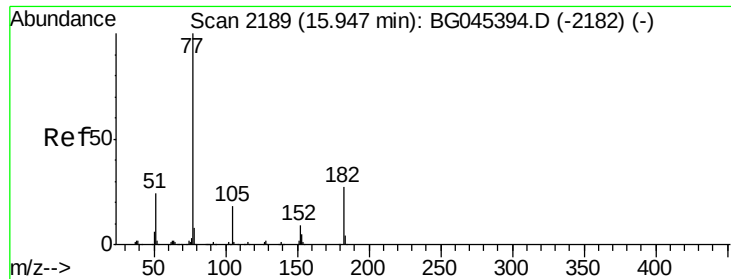
Tot Ion	Ratio	Lower	Upper
204	100		
206	37.6	27.3	40.9
141	64.0	45.9	68.9



#62
 4-Nitroaniline
 Concen: 3.799 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG045425.D
 Acq: 19 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	38.0	78.0
108	93.9	89.3	129.3





#63

Azobenzene

Concen: 4.321 ng

RT: 15.95 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 72413

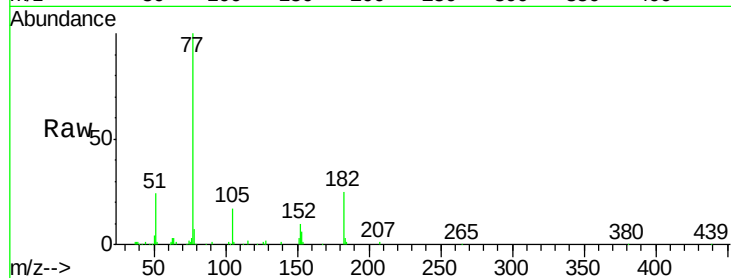
Ion Ratio Lower Upper

77 100

182 25.1 6.5 46.5

105 17.4 0.0 37.9

51 23.8 4.1 44.1

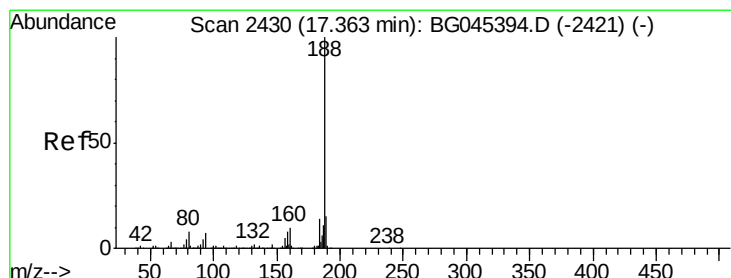
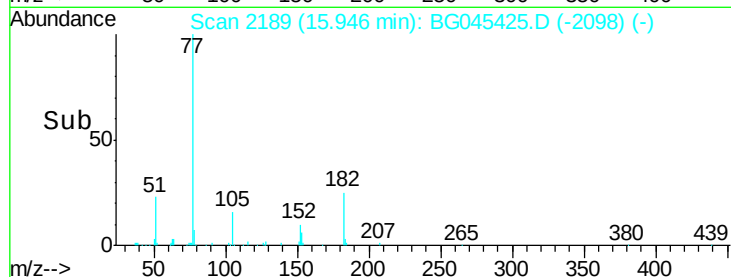
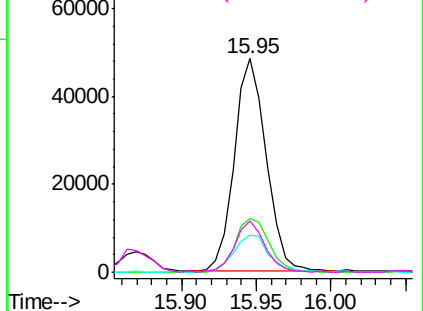


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

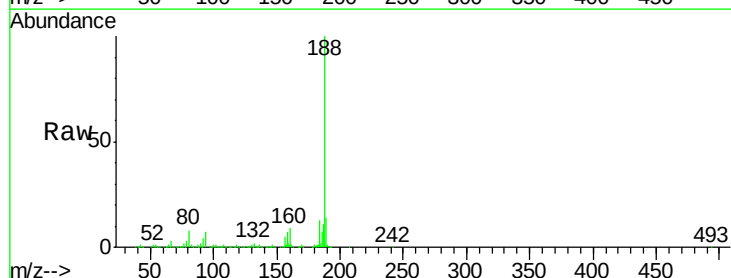
Tgt Ion: 188 Resp: 599013

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

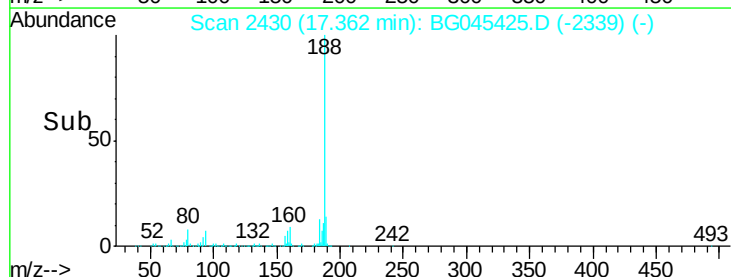
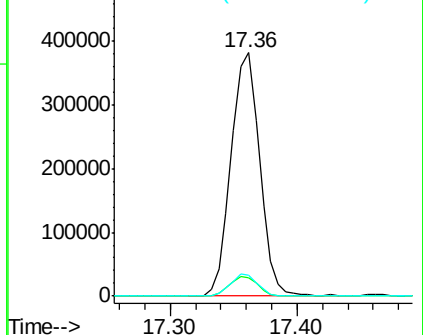
80 8.4 6.6 10.0

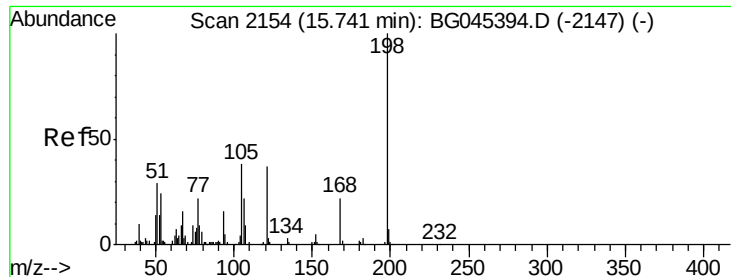


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 2.433 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

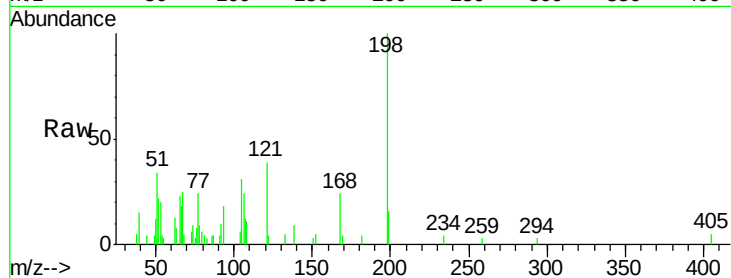
Tot Ion:198 Resp: 8488

Ion Ratio Lower Upper

198 100

51 33.7 10.0 50.0

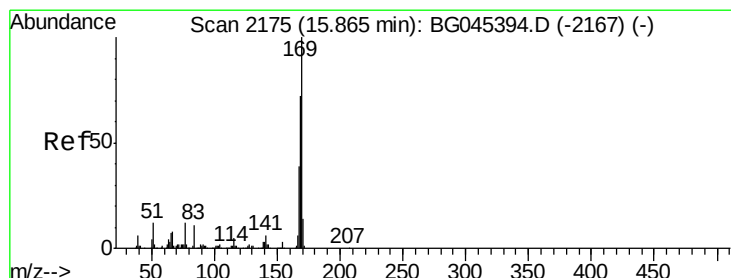
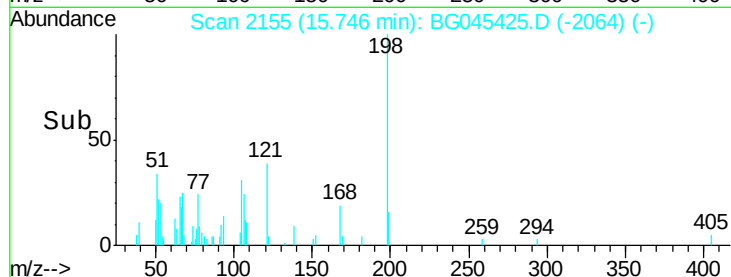
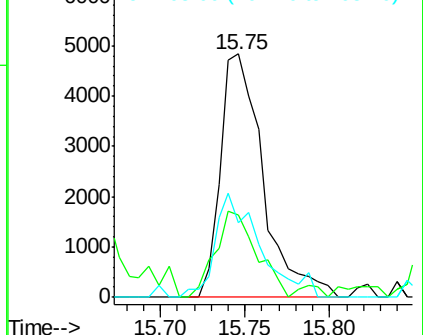
105 30.8 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 4.700 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

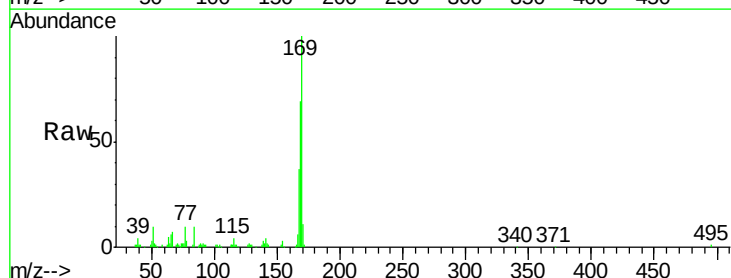
Tgt Ion:169 Resp: 67591

Ion Ratio Lower Upper

169 100

168 68.5 57.8 86.6

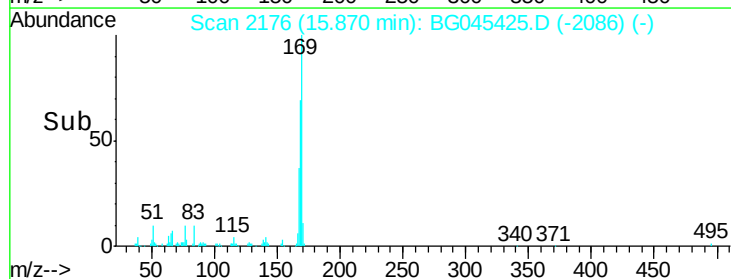
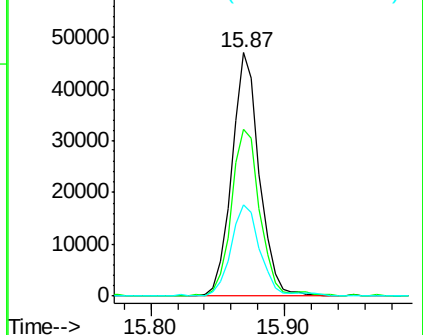
167 37.4 31.5 47.3

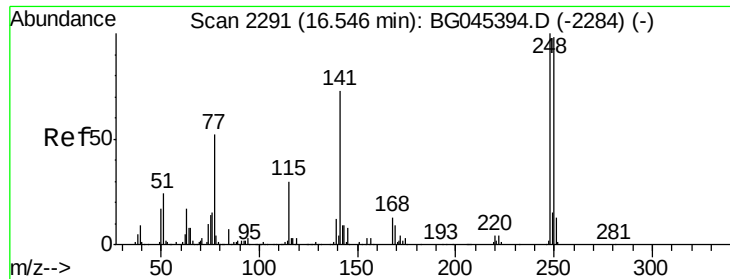


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

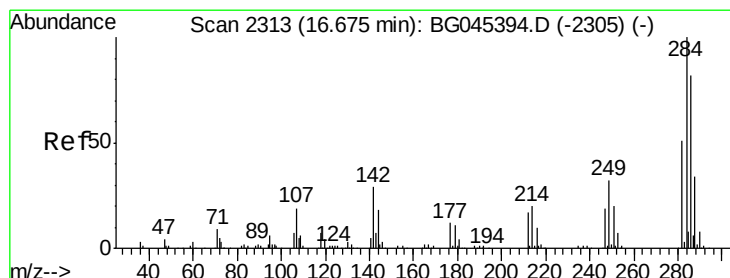
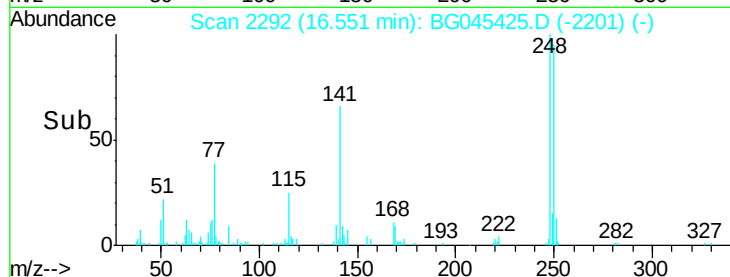
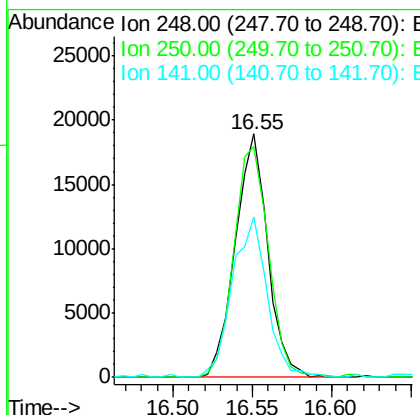
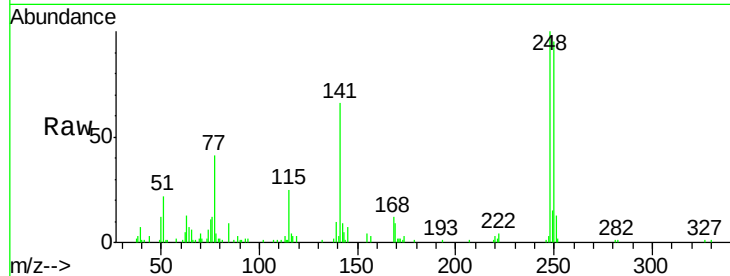




#67
4-Bromophenyl-phenylether
Concen: 4.128 ng
RT: 16.55 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

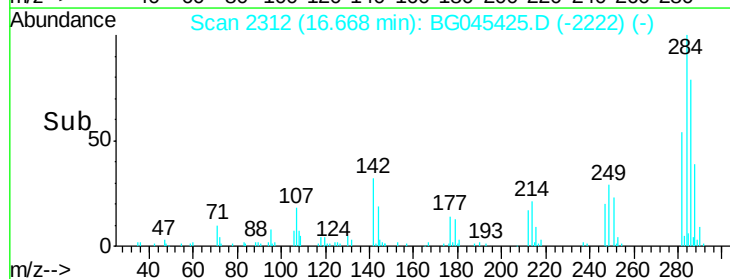
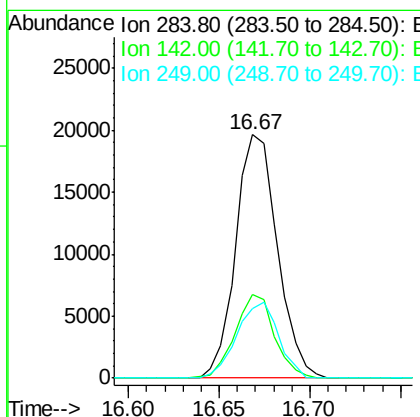
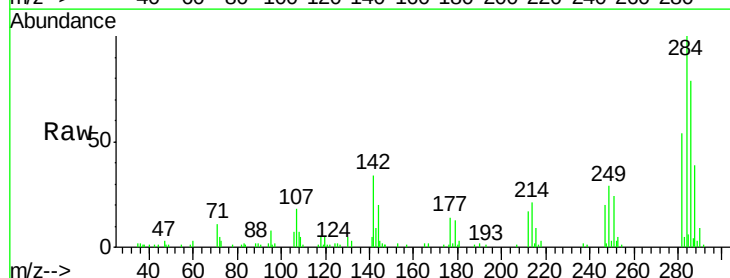
Instrument :
BNA_G
ClientSampled :

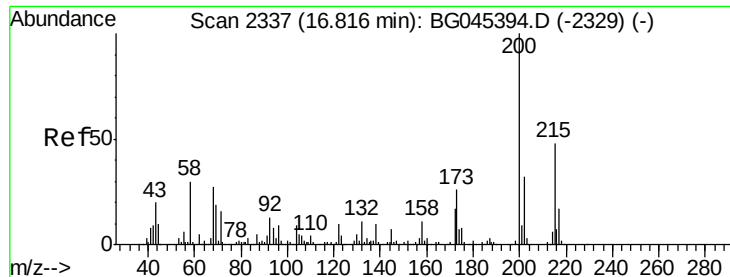
Tot Ion:248 Resp: 26774
Ion Ratio Lower Upper
248 100
250 94.7 78.6 117.8
141 66.1 58.2 87.2



#68
Hexachlorobenzene
Concen: 4.618 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion:284 Resp: 31327
Ion Ratio Lower Upper
284 100
142 34.3 23.0 34.6
249 28.7 25.8 38.6





#69

Atrazine

Concen: 4.793 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

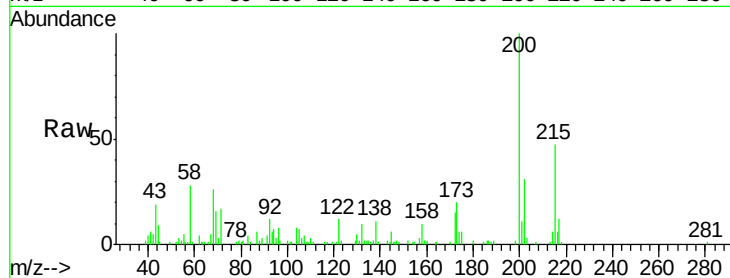
Tot Ion:200 Resp: 28395

Ion Ratio Lower Upper

200 100

173 19.7 5.5 45.5

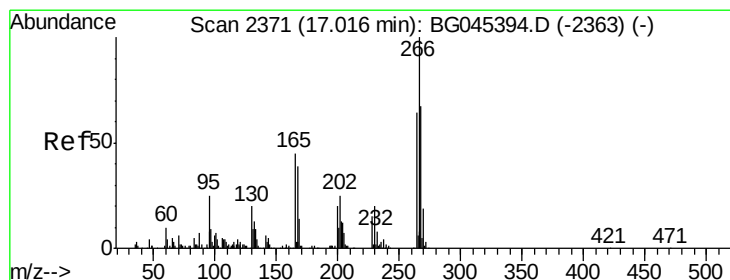
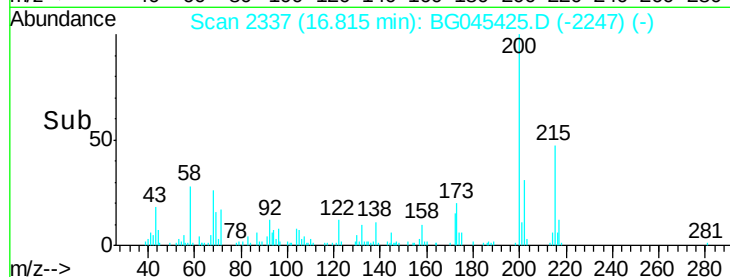
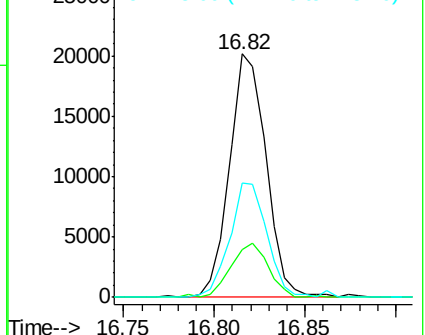
215 47.1 28.2 68.2



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: 0.707 ng

RT: 17.04 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

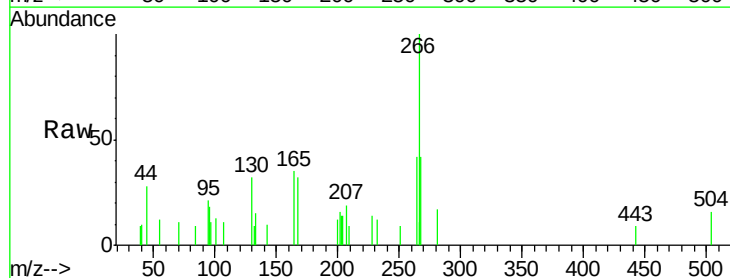
Tgt Ion:266 Resp: 2489

Ion Ratio Lower Upper

266 100

268 42.4 53.2 79.8#

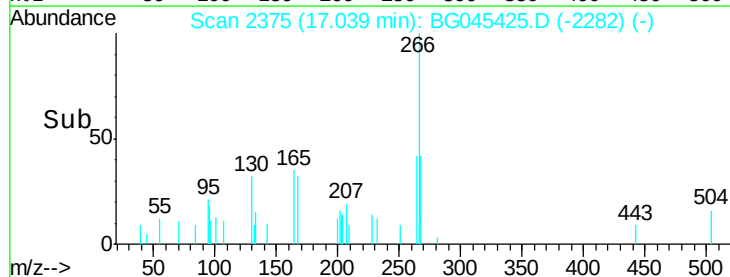
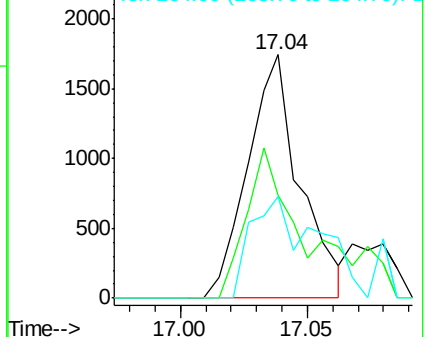
264 41.6 51.0 76.4#

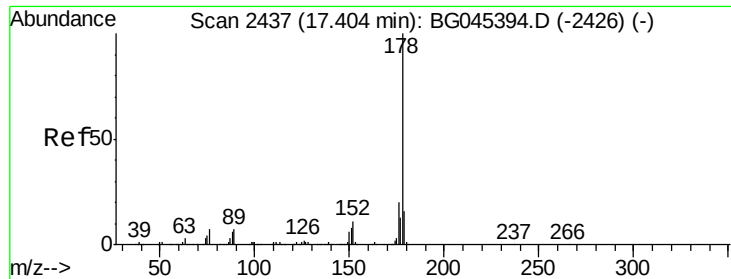


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 5.003 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampled :

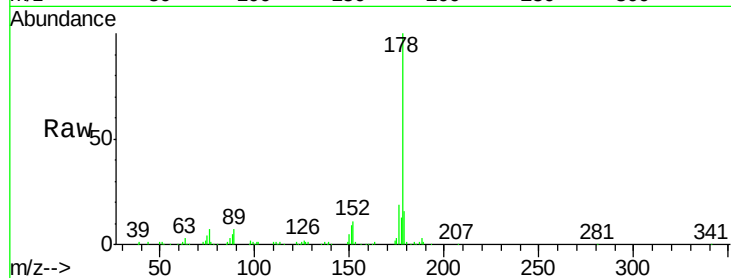
Tot Ion:178 Resp: 130826

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

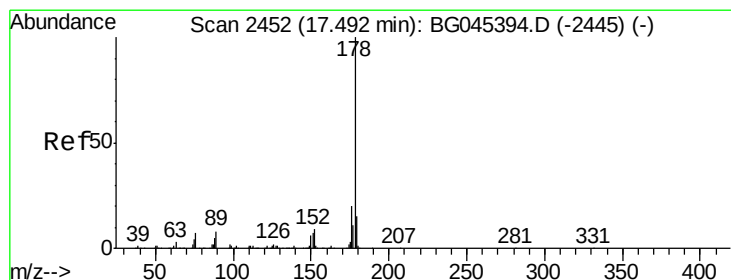
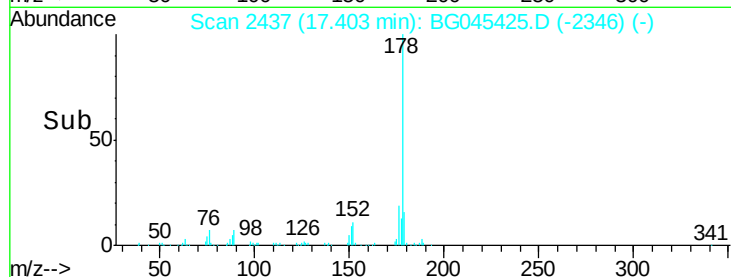
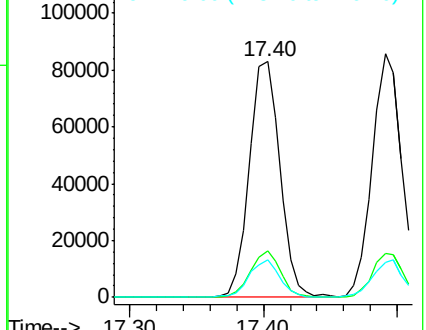
179 16.1 13.1 19.7



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: 5.042 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

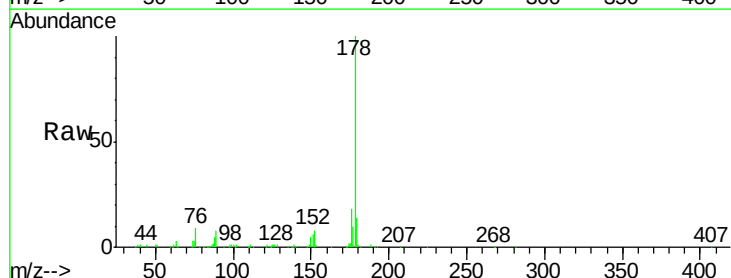
Tgt Ion:178 Resp: 132398

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.6

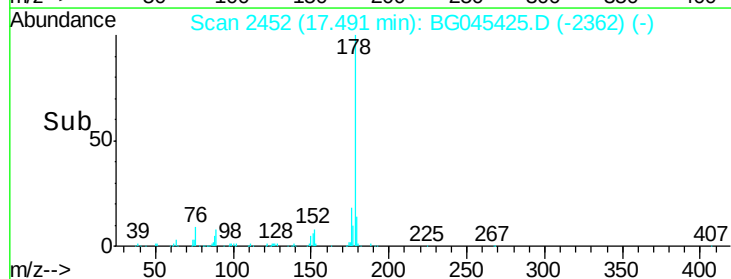
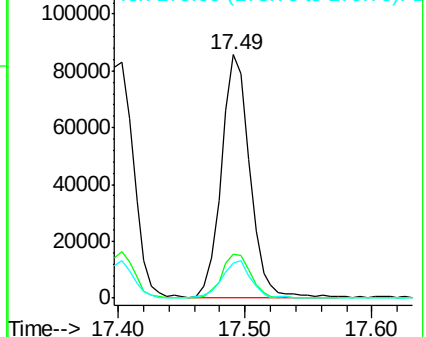
179 14.5 12.2 18.4

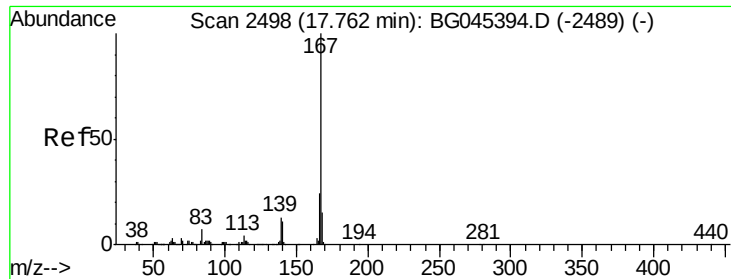


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 4.797 ng

RT: 17.77 min Scan# 2500

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

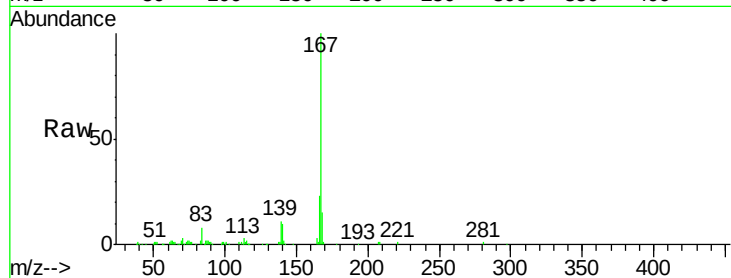
Tot Ion:167 Resp: 122801

Ion Ratio Lower Upper

167 100

166 23.3 19.2 28.8

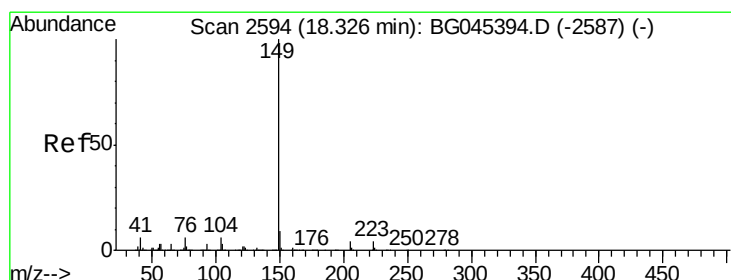
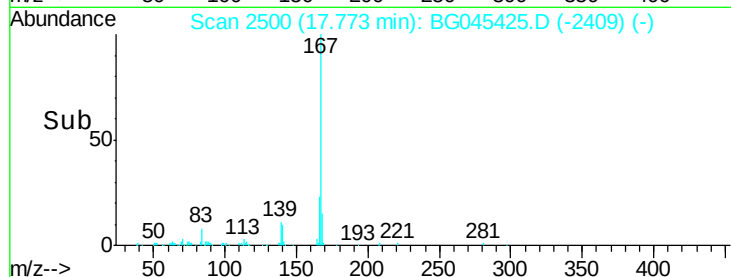
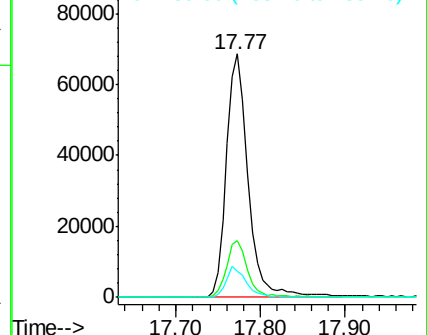
139 10.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 4.822 ng

RT: 18.33 min Scan# 2594

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

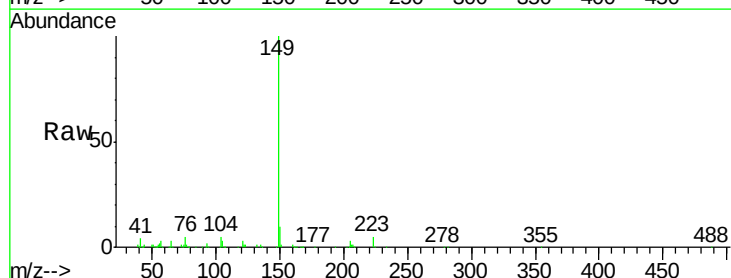
Tgt Ion:149 Resp: 148138

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

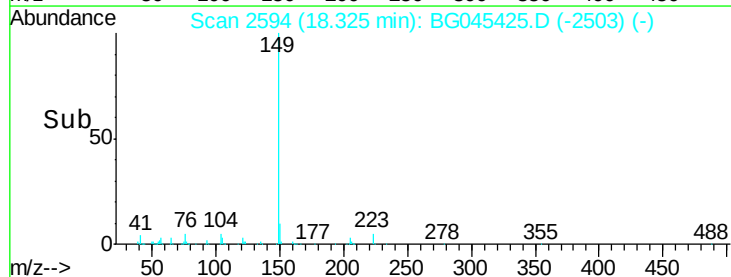
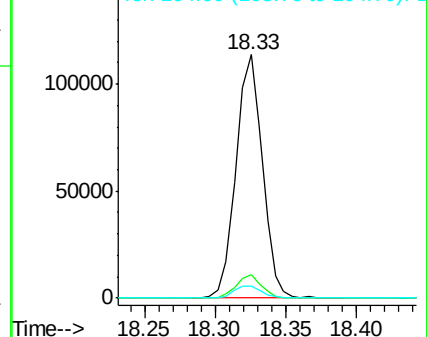
104 5.1 5.0 7.4

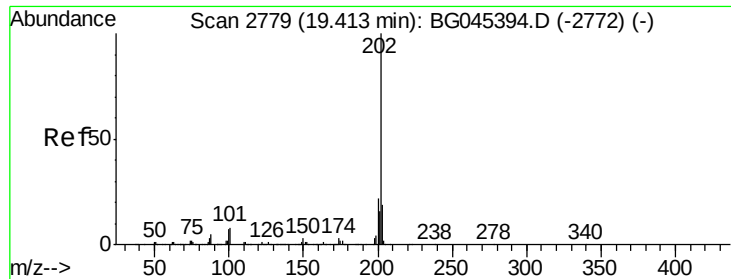


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 5.086 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

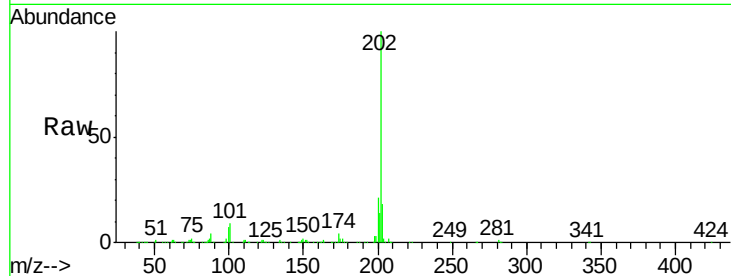
Tot Ion:202 Resp: 169153

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

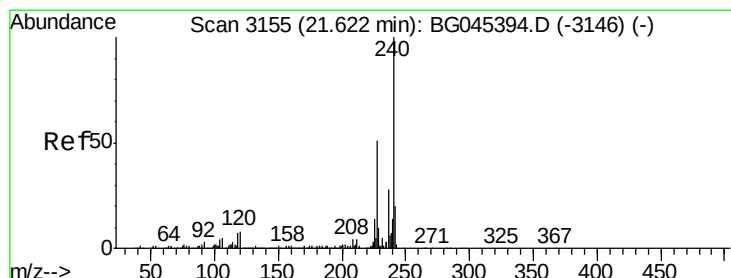
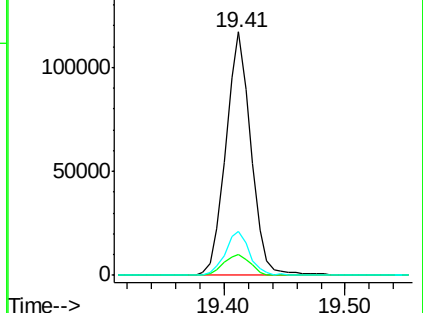
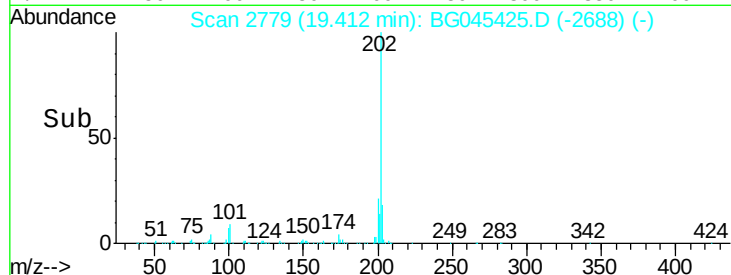
203 18.0 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

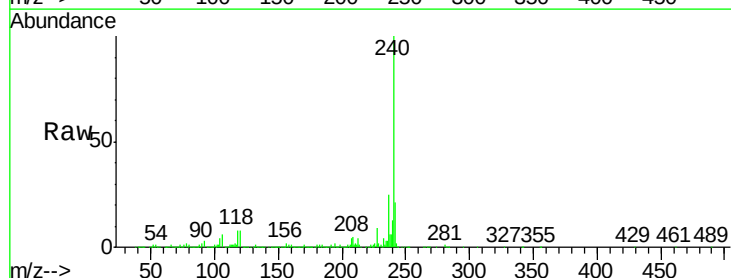
Tgt Ion:240 Resp: 592801

Ion Ratio Lower Upper

240 100

120 8.2 6.1 9.1

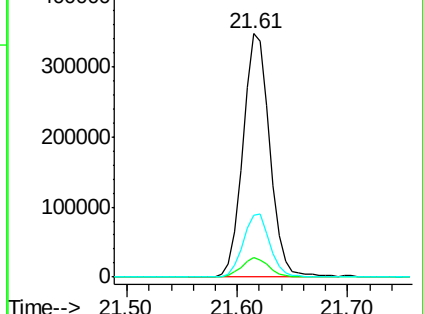
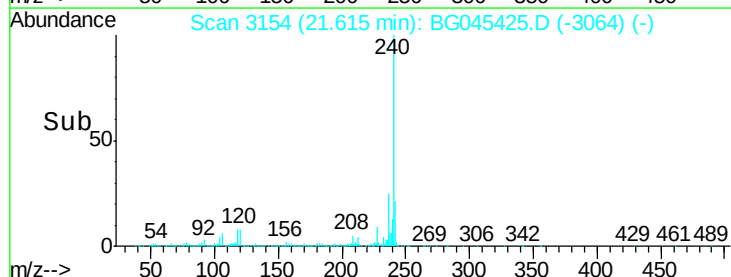
236 25.4 22.3 33.5

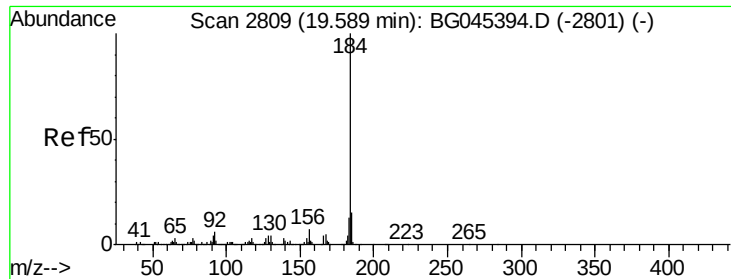


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.553 ng

RT: 19.60 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampled :

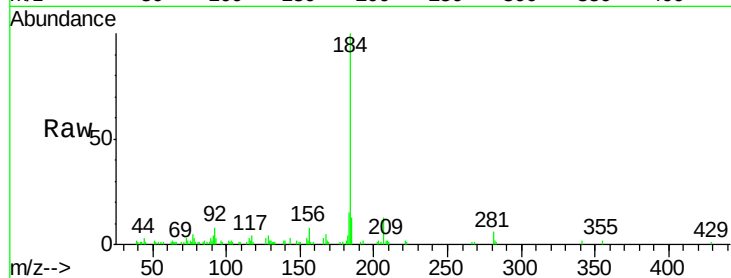
Tot Ion:184 Resp: 42503

Ion Ratio Lower Upper

184 100

185 13.3 11.7 17.5

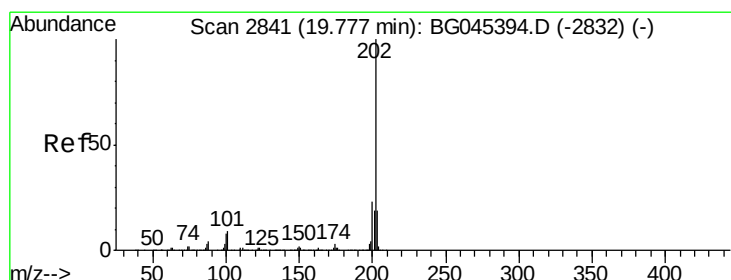
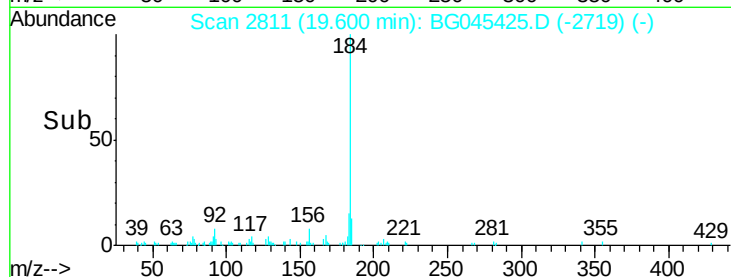
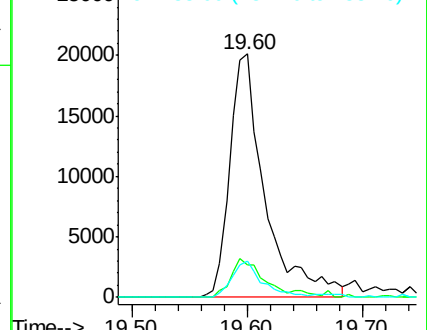
183 15.0 10.2 15.4



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: 5.063 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

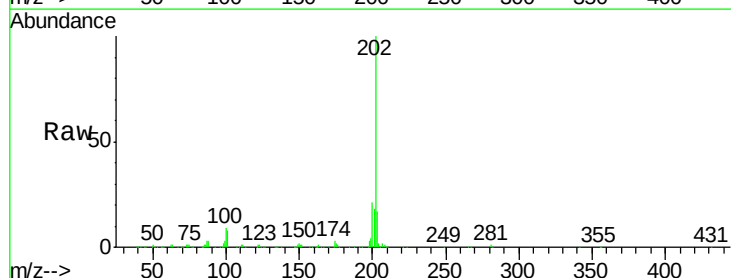
Tgt Ion:202 Resp: 171087

Ion Ratio Lower Upper

202 100

200 20.9 18.2 27.2

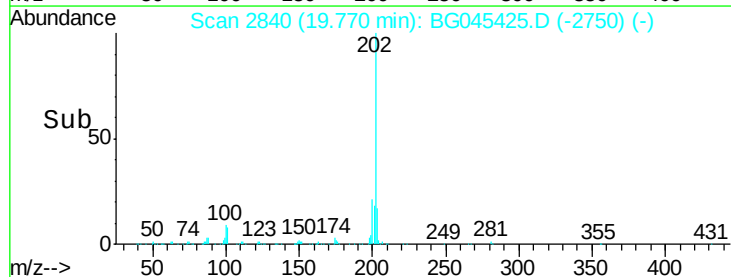
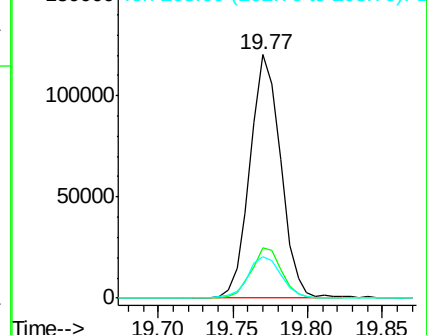
203 16.9 15.1 22.7

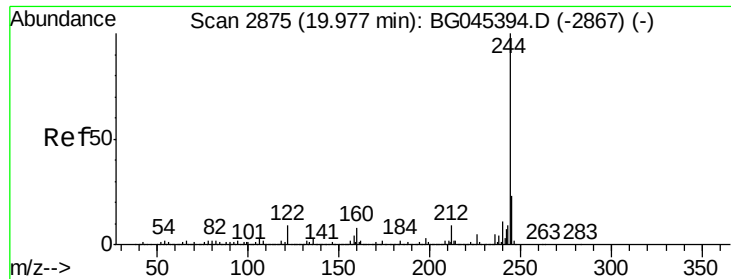


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.709 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

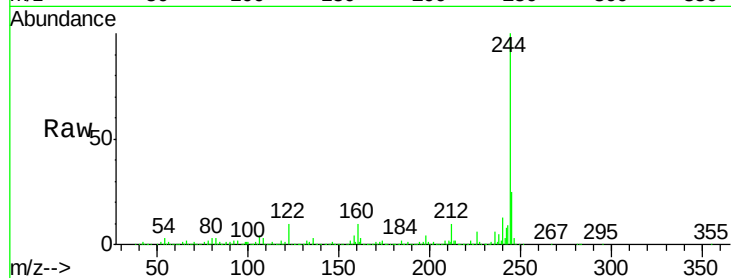
Tot Ion:244 Resp: 2330966

Ion Ratio Lower Upper

244 100

212 10.4 7.4 11.0

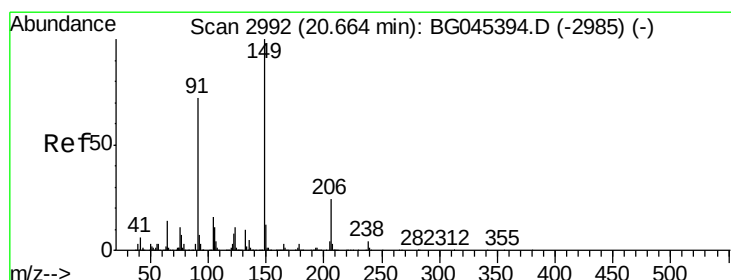
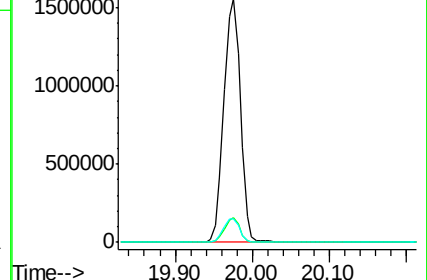
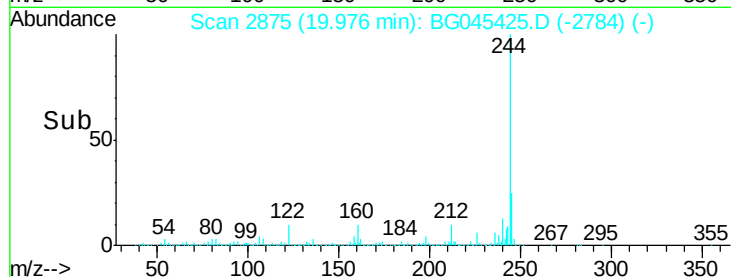
122 9.8 6.8 10.2



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: 4.794 ng

RT: 20.66 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

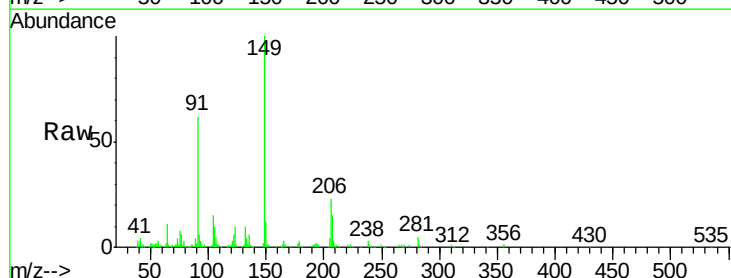
Tgt Ion:149 Resp: 69921

Ion Ratio Lower Upper

149 100

91 62.2 57.8 86.6

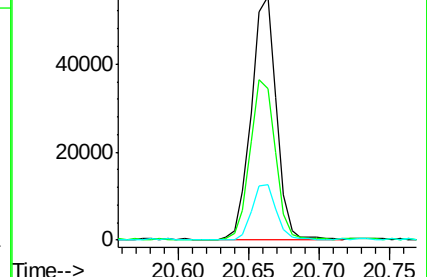
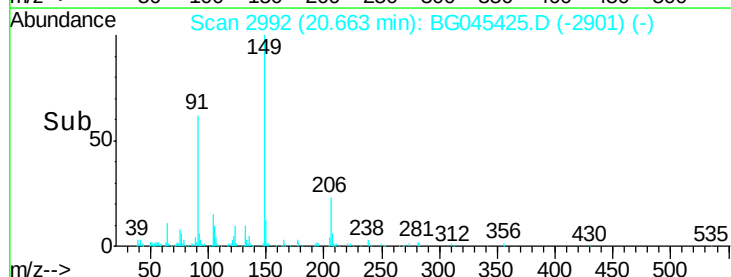
206 22.6 19.1 28.7

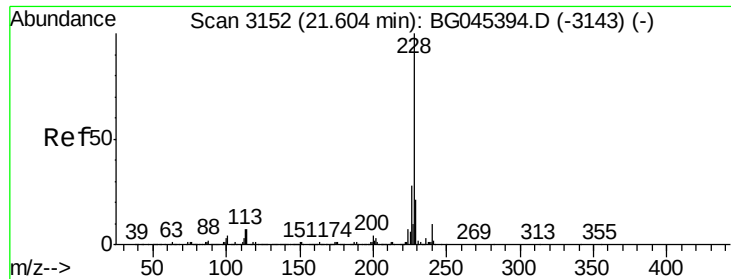


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

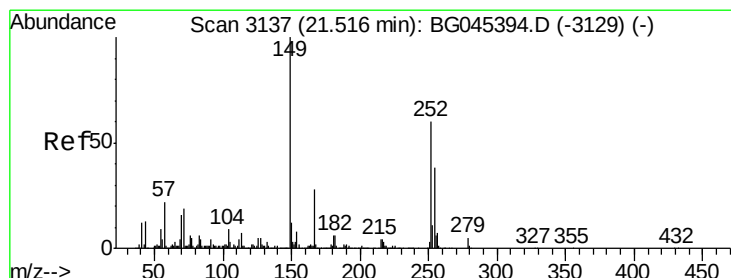
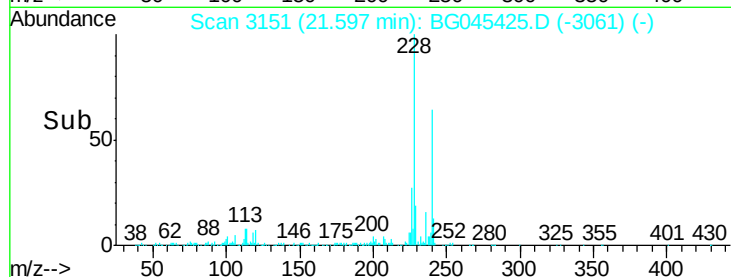
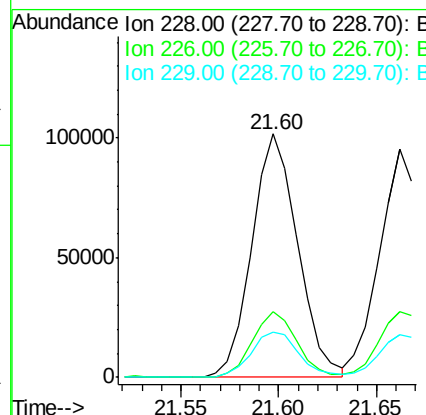
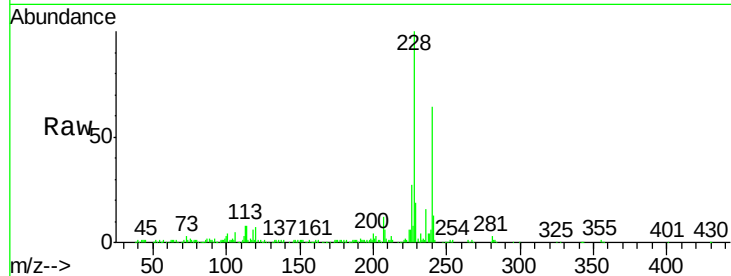




#81
Benzo(a)anthracene
Concen: 5.001 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

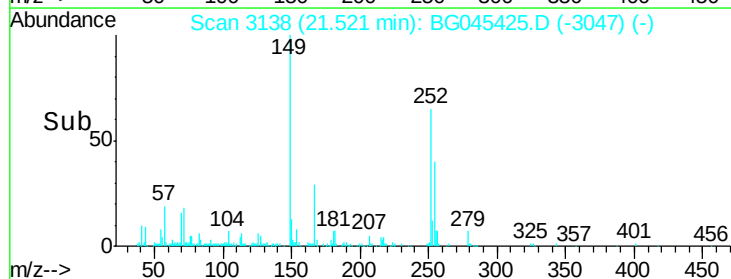
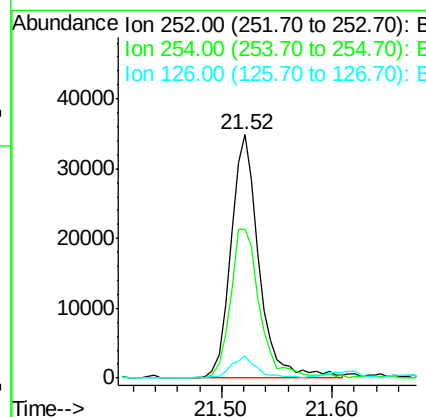
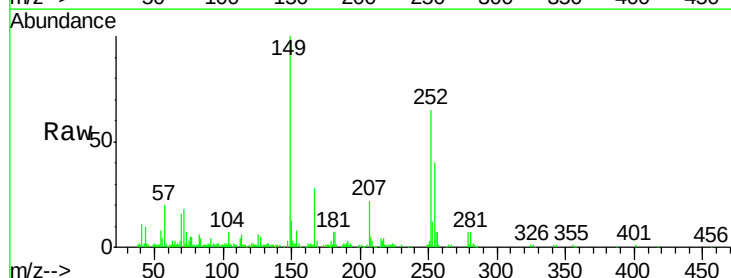
Instrument :
BNA_G
ClientSampled :

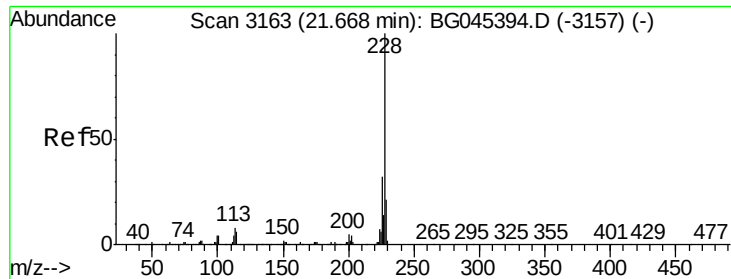
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	18.8	16.7	25.1



#82
3,3'-Dichlorobenzidine
Concen: 4.787 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.2	51.3	76.9
126	9.3	6.6	10.0





#83

Chrysene

Concen: 4.914 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

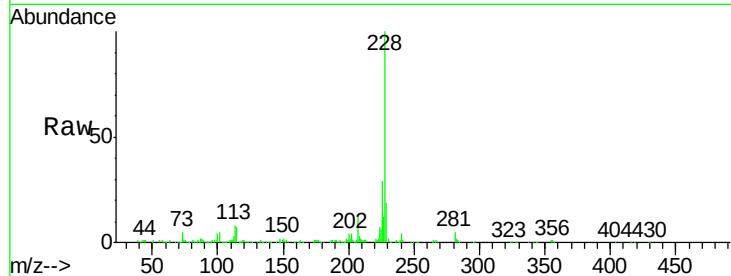
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 156019

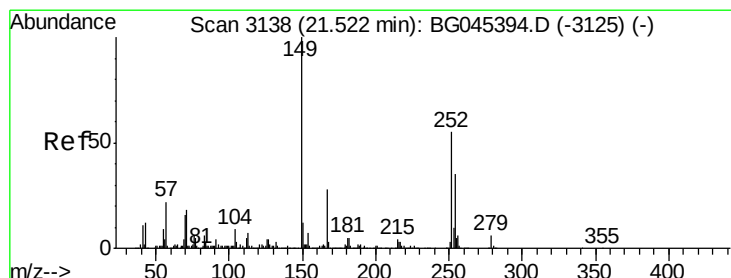
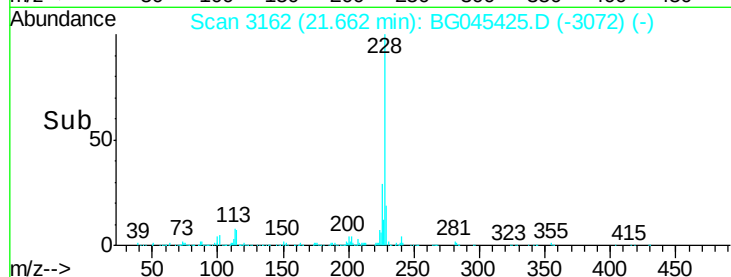
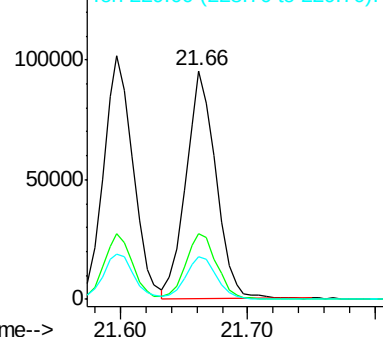
Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.2	37.8
229	18.6	16.7	25.1



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: 4.688 ng

RT: 21.51 min Scan# 3137

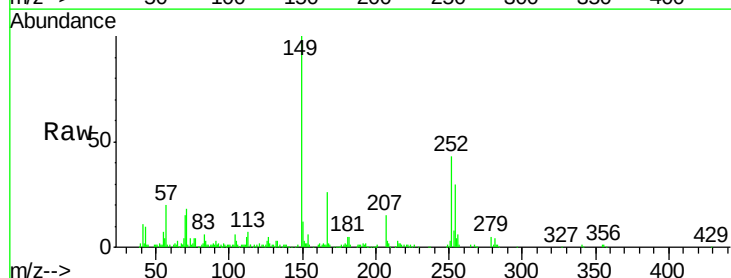
Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Tgt Ion:149 Resp: 94000

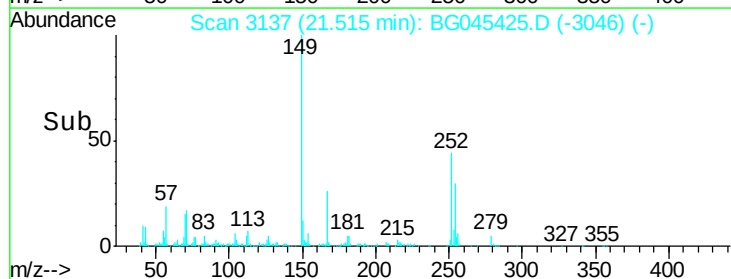
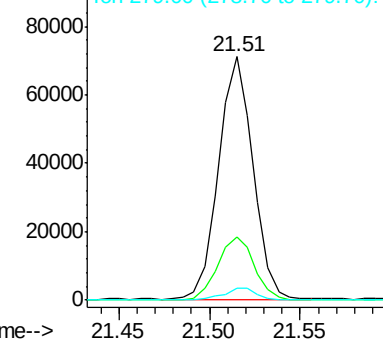
Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.2	33.2
279	4.7	4.7	7.1#

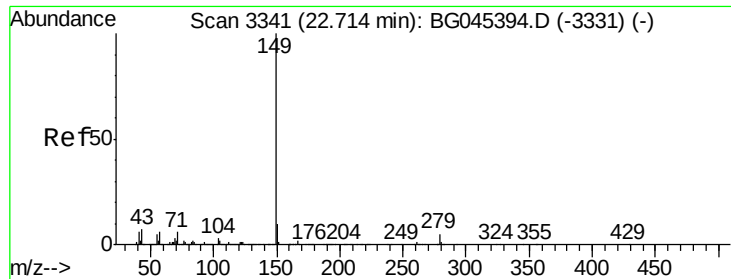


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.585 ng

RT: 22.70 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

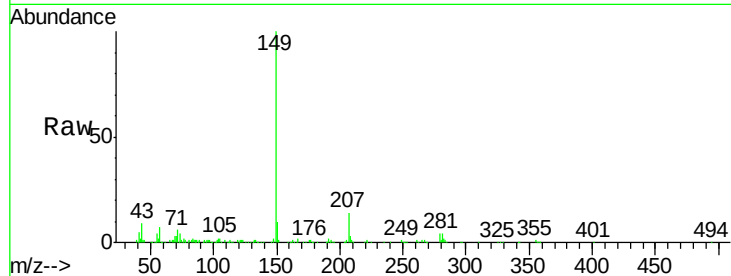
Tot Ion:149 Resp: 157882

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

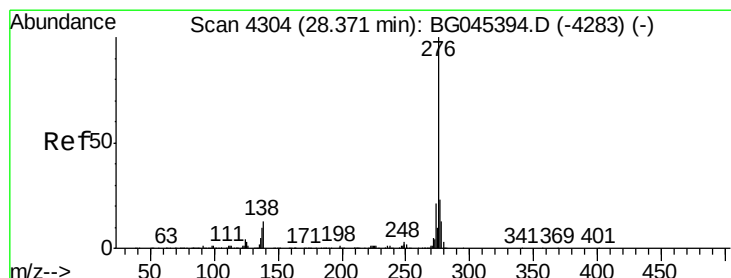
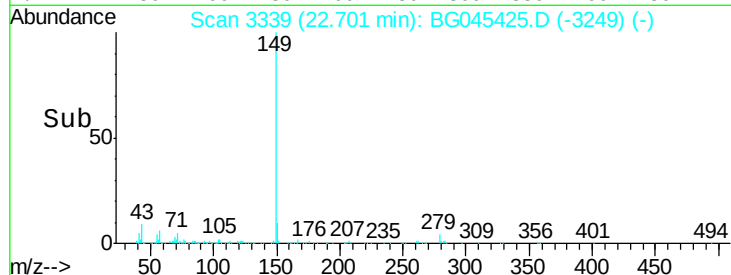
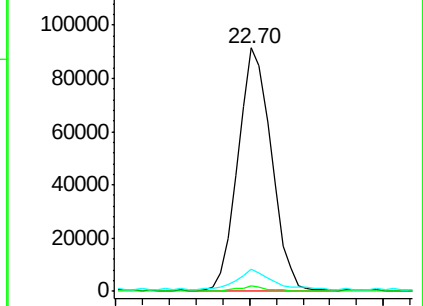
43 9.5 5.8 8.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.340 ng

RT: 28.34 min Scan# 4299

Delta R.T. -0.02 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

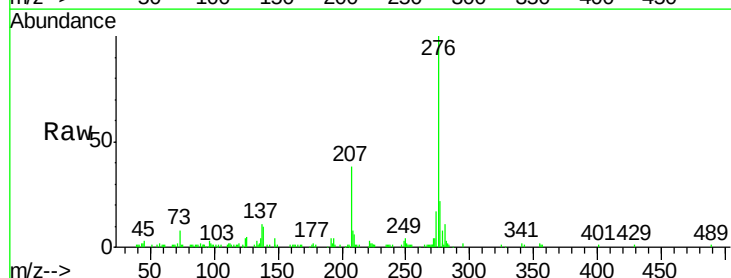
Tgt Ion:276 Resp: 180222

Ion Ratio Lower Upper

276 100

138 5.8 8.6 12.8#

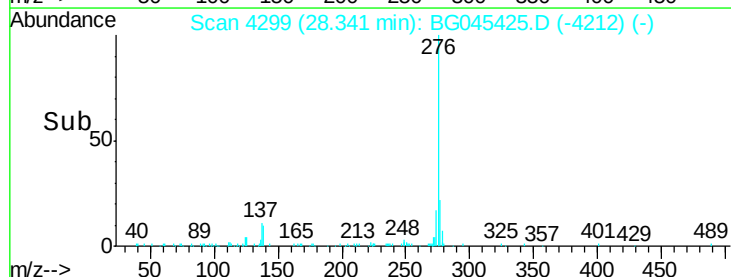
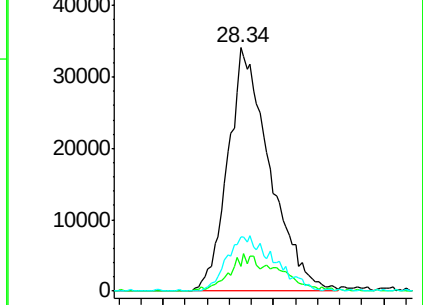
277 23.8 20.2 30.4

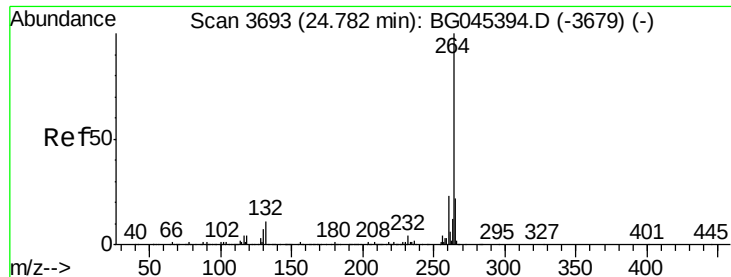


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.78 min Scan# 3692

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

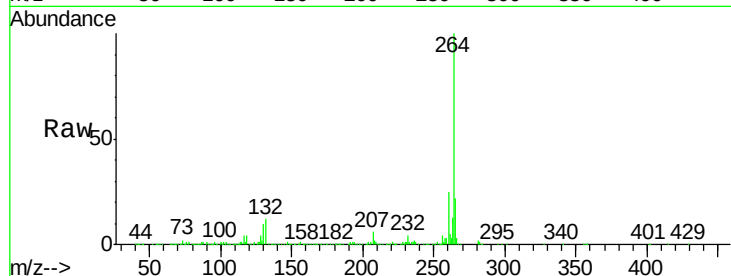
Tot Ion:264 Resp: 633090

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

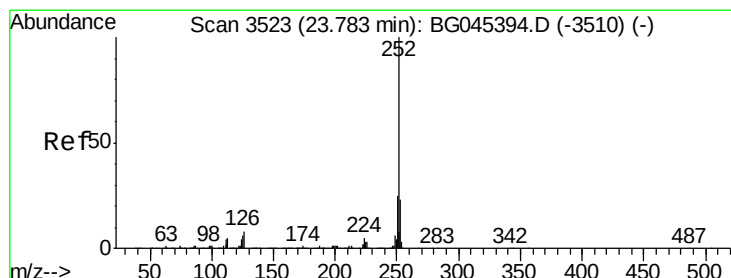
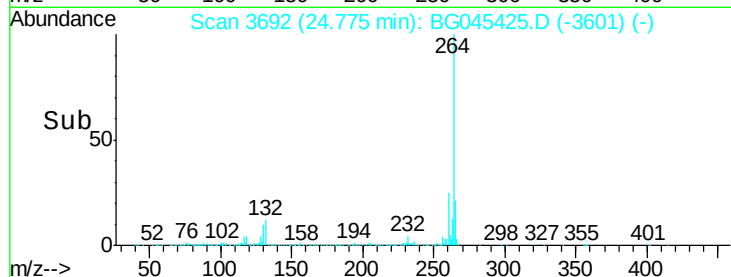
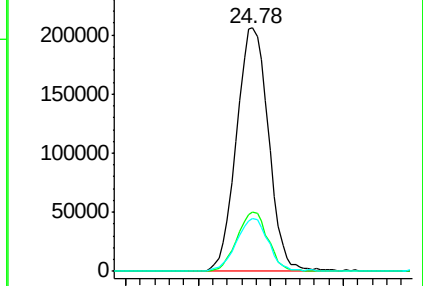
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.656 ng

RT: 23.78 min Scan# 3522

Delta R.T. 0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

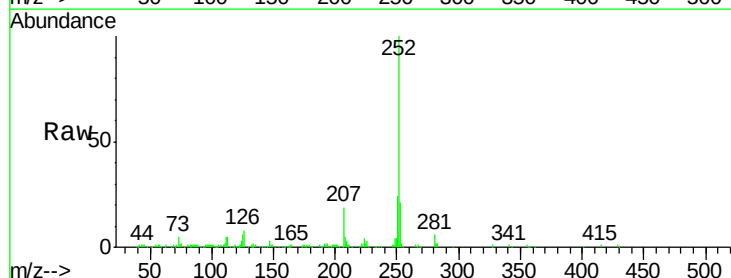
Tgt Ion:252 Resp: 158098

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

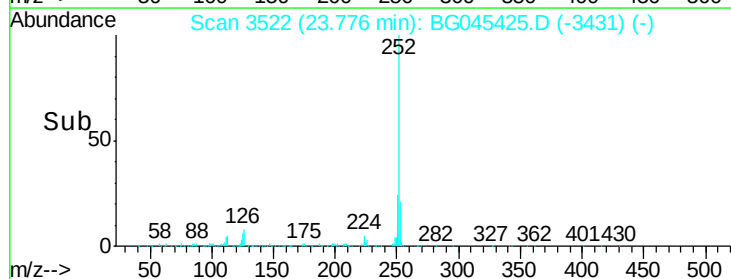
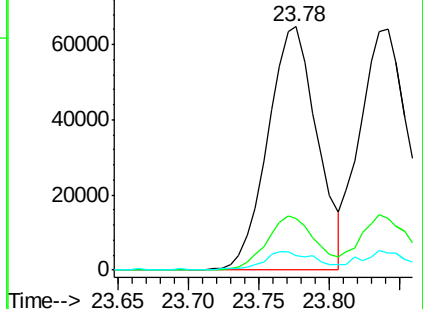
125 6.1 5.0 7.6

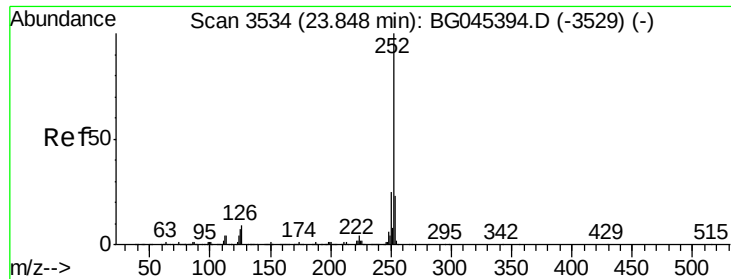


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.013 ng

RT: 23.84 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

Instrument :

BNA_G

ClientSampleId :

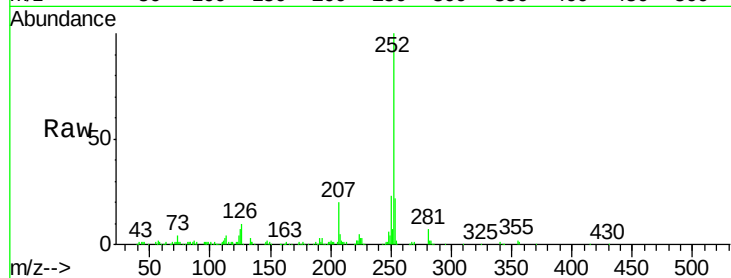
Tot Ion:252 Resp: 159915

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

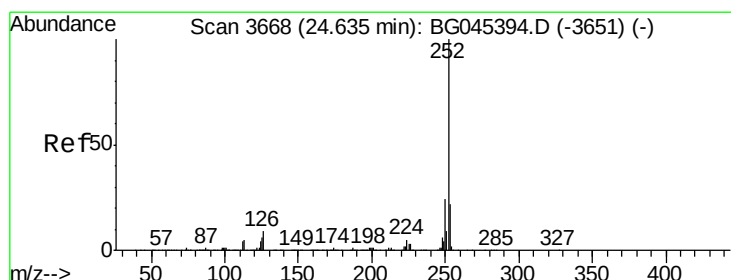
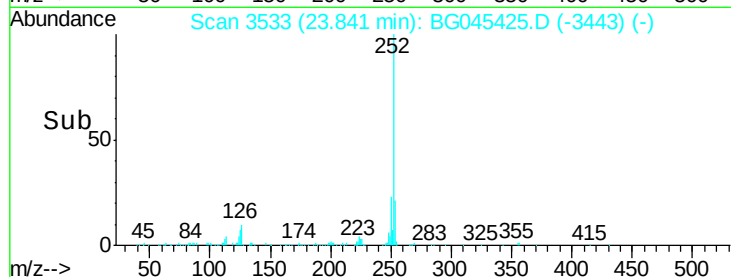
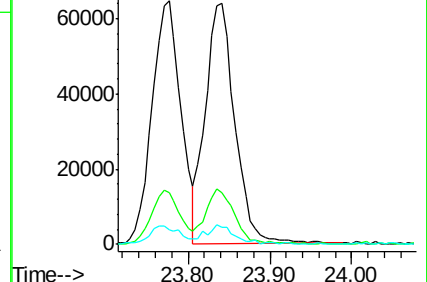
125 7.0 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 4.674 ng

RT: 24.62 min Scan# 3666

Delta R.T. -0.00 min

Lab File: BG045425.D

Acq: 19 May 2020 15:26

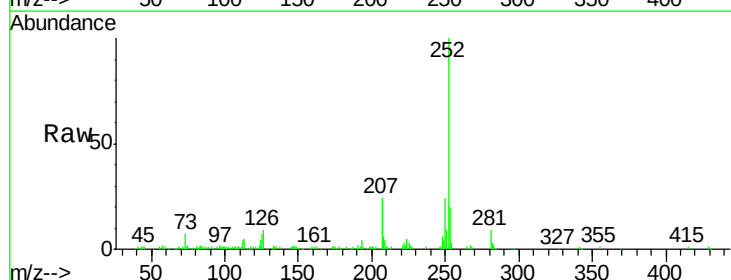
Tgt Ion:252 Resp: 147789

Ion Ratio Lower Upper

252 100

253 19.9 17.2 25.8

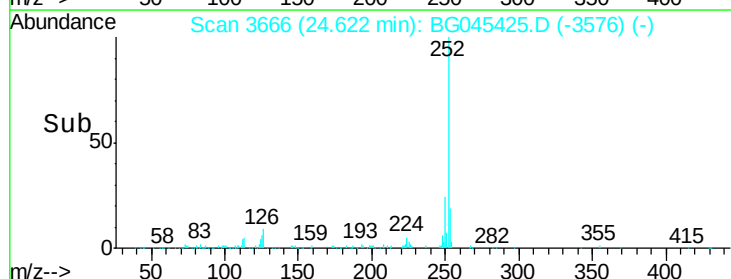
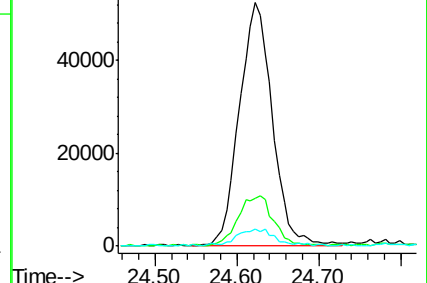
125 7.2 5.0 7.6

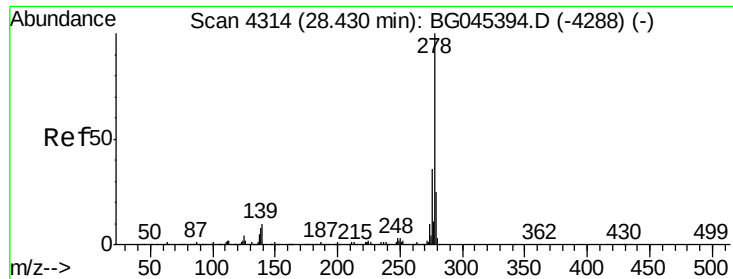


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

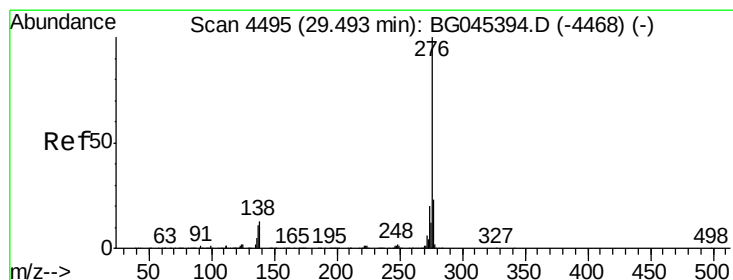
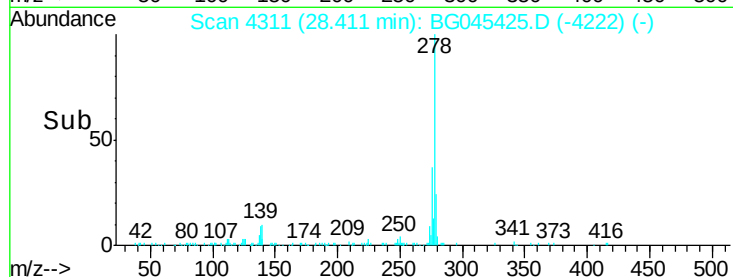
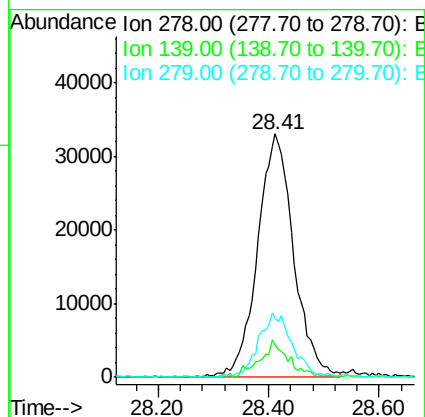
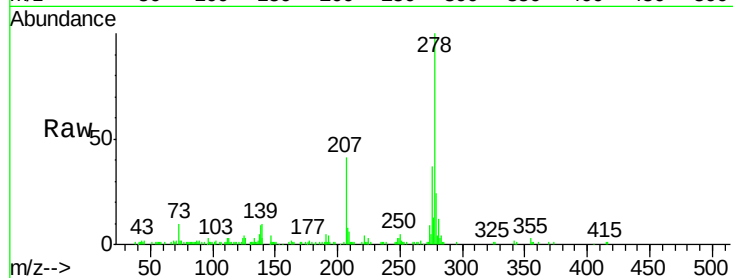




#91
Dibenzo(a,h)anthracene
Concen: 4.727 ng
RT: 28.41 min Scan# 4311
Delta R.T. -0.01 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 150202
Ion Ratio Lower Upper
278 100
139 13.1 7.8 11.8#
279 24.2 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 4.716 ng
RT: 29.46 min Scan# 4490
Delta R.T. -0.02 min
Lab File: BG045425.D
Acq: 19 May 2020 15:26

Tgt Ion:276 Resp: 149864
Ion Ratio Lower Upper
276 100
277 22.1 18.1 27.1
138 12.0 10.2 15.4

