

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
 Data File : BG045419.D
 Acq On : 18 May 2020 19:08
 Operator : CG/JU
 Sample : L2503-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 19 00:33:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	75875	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	311038	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	233541	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	567190	20.00	ng	0.00
76) Chrysene-d12	21.62	240	514681	20.00	ng	0.00
87) Perylene-d12	24.78	264	567039	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	514668	132.56	ng	0.00
7) Phenol-d6	7.21	99	691892	125.21	ng	0.00
23) Nitrobenzene-d5	9.13	82	526254	92.26	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	420956	140.94	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1249166	90.73	ng	0.00
79) Terphenyl-d14	19.97	244	2180943	98.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	70780	36.764	ng	# 45
3) Pyridine	3.83	79	108372	20.211	ng	98
4) n-Nitrosodimethylamine	3.73	42	74200	42.289	ng	94
6) Aniline	7.30	93	228932	31.736	ng	99
8) 2-Chlorophenol	7.56	128	214039	50.272	ng	96
9) Benzaldehyde	7.10	77	120841	33.564	ng	96
10) Phenol	7.23	94	249132	43.744	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	208058	46.836	ng	99
12) 1,3-Dichlorobenzene	7.86	146	227741	44.511	ng	98
13) 1,4-Dichlorobenzene	8.00	146	231891	45.926	ng	97
14) 1,2-Dichlorobenzene	8.32	146	221456	45.601	ng	99
15) Benzyl Alcohol	8.22	79	228829	50.128	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	195230	46.299	ng	97
17) 2-Methylphenol	8.46	107	197065	46.229	ng	97
18) Hexachloroethane	9.05	117	86381	44.668	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	190592	49.877	ng	96
20) 3+4-Methylphenols	8.46	107	197065	33.948	ng	77
22) Acetophenone	8.79	105	351633	47.699	ng	# 95
24) Nitrobenzene	9.17	77	274185	44.867	ng	98
25) Isophorone	9.70	82	548121	48.796	ng	98
26) 2-Nitrophenol	9.89	139	127128	48.630	ng	# 87
27) 2,4-Dimethylphenol	9.98	122	217161	56.009	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	296202	50.281	ng	97
29) 2,4-Dichlorophenol	10.46	162	231882	50.645	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	241930	44.717	ng	98
31) Naphthalene	10.82	128	691777	47.728	ng	99
32) Benzoic acid	10.18	122	137570	51.298	ng	93
33) 4-Chloroaniline	10.95	127	96744	15.968	ng	98
34) Hexachlorobutadiene	11.12	225	163299	42.700	ng	97
35) Caprolactam	11.71	113	36126	21.496	ng	88
36) 4-Chloro-3-methylphenol	12.12	107	278937	54.065	ng	97
37) 2-Methylnaphthalene	12.43	142	534864	49.510	ng	98
38) 1-Methylnaphthalene	12.66	142	507811	49.762	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	297727	45.642	ng	99

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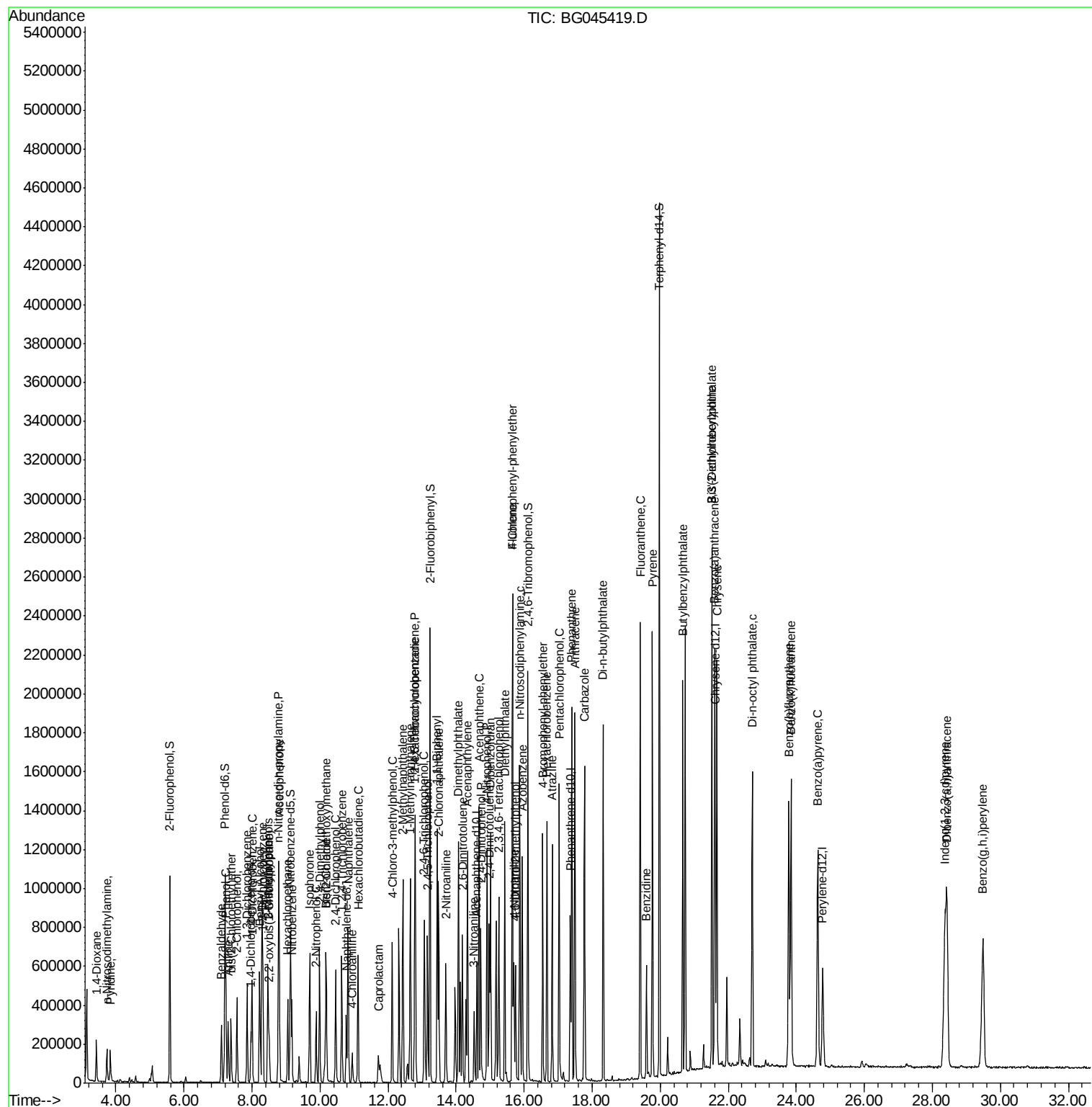
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	334641	88.881	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	213414	47.097	nq	99
44) 2,4,5-Trichlorophenol	13.16	196	226763	43.792	nq	97
46) 1,1'-Biphenyl	13.44	154	697887	48.633	nq	98
47) 2-Chloronaphthalene	13.49	162	525890	45.130	nq	99
48) 2-Nitroaniline	13.70	65	184476	48.127	nq	92
49) Acenaphthylene	14.33	152	897106	47.929	nq	99
50) Dimethylphthalate	14.07	163	845854	52.797	nq	98
51) 2,6-Dinitrotoluene	14.18	165	179421	49.631	nq	96
52) Acenaphthene	14.68	154	532568	42.507	nq	98
53) 3-Nitroaniline	14.53	138	106601	29.008	nq	93
54) 2,4-Dinitrophenol	14.73	184	214630	89.907	nq	97
55) Dibenzofuran	15.01	168	881600	47.383	nq	98
56) 4-Nitrophenol	14.91	139	235167	84.524	nq	95
57) 2,4-Dinitrotoluene	14.98	165	250583	47.861	nq	98
58) Fluorene	15.66	166	732930	47.949	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	222787	48.903	nq	97
60) Diethylphthalate	15.44	149	795187	47.688	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	398784	45.591	nq	99
62) 4-Nitroaniline	15.70	138	182916	47.678	nq	90
63) Azobenzene	15.95	77	743414	47.813	nq	97
65) 4,6-Dinitro-2-methylphenol	15.75	198	150985	45.707	nq	94
66) n-Nitrosodiphenylamine	15.87	169	664838	48.820	nq	97
67) 4-Bromophenyl-phenylether	16.55	248	281238	45.791	nq	96
68) Hexachlorobenzene	16.67	284	305266	47.521	nq	97
69) Atrazine	16.82	200	260219	46.392	nq	99
70) Pentachlorophenol	17.03	266	296350	88.848	nq	97
71) Phenanthrene	17.40	178	1195135	48.267	nq	99
72) Anthracene	17.49	178	1235762	49.697	nq	97
73) Carbazole	17.77	167	1154397	47.627	nq	100
74) Di-n-butylphthalate	18.33	149	1372740	47.186	nq	97
75) Fluoranthene	19.41	202	1482798	47.081	nq	97
77) Benzidine	19.59	184	375533	25.979	nq	99
78) Pyrene	19.77	202	1486098	50.653	nq	98
80) Butylbenzylphthalate	20.66	149	609491	48.129	nq	99
81) Benzo(a)anthracene	21.60	228	1384830	48.300	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	309940	27.559	nq	99
83) Chrysene	21.67	228	1324486	48.044	nq	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	828062	47.568	nq	99
85) Di-n-octyl phthalate	22.71	149	1409493	47.143	nq	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1710634	47.451	nq	99
88) Benzo(b)fluoranthene	23.78	252	1443207	47.457	nq	97
89) Benzo(k)fluoranthene	23.85	252	1436281	50.271	nq	100
90) Benzo(a)pyrene	24.63	252	1328924	46.921	nq	# 97
91) Dibenzo(a,h)anthracene	28.42	278	1392607	48.930	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1423437	50.007	nq	98

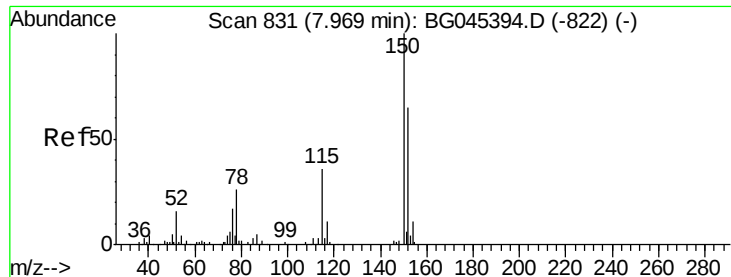
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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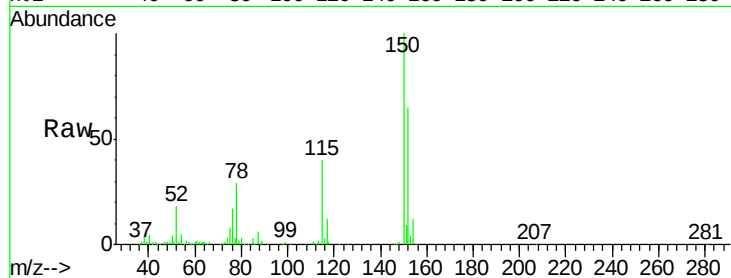


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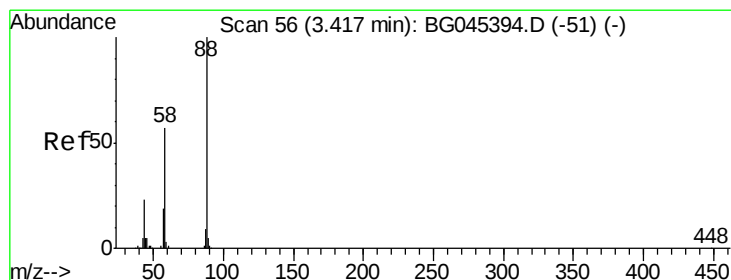
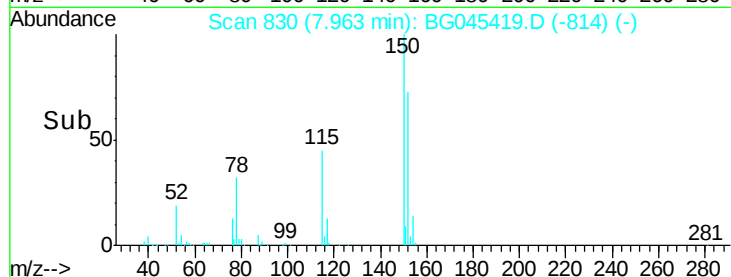
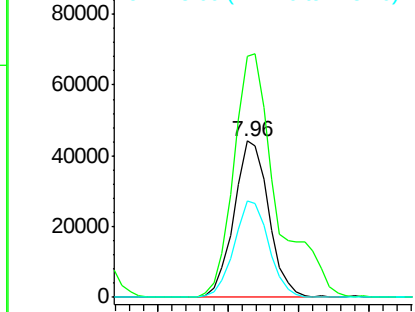
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 75875
Ion Ratio Lower Upper
152 100
150 154.3 122.4 183.6
115 62.0 44.2 66.4



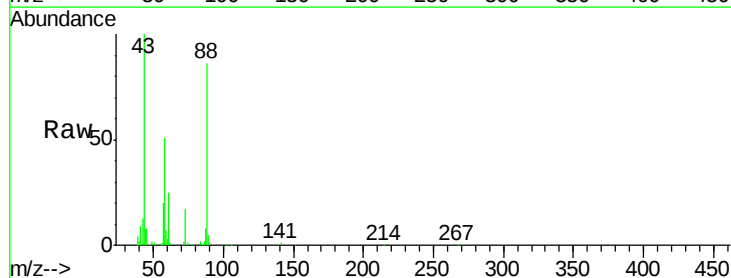
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



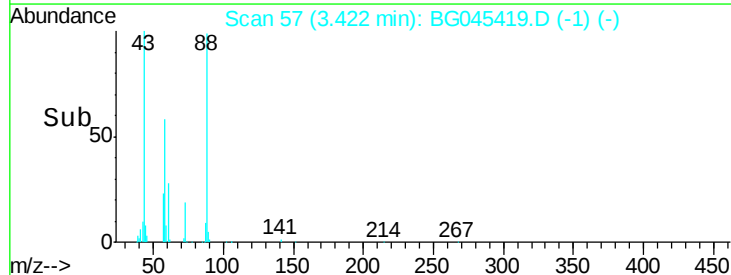
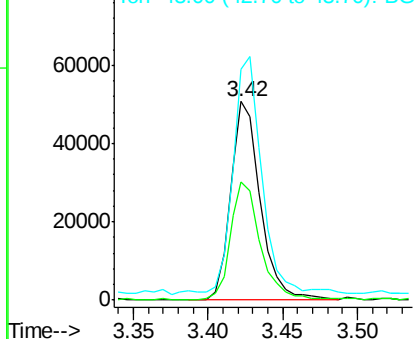
#2

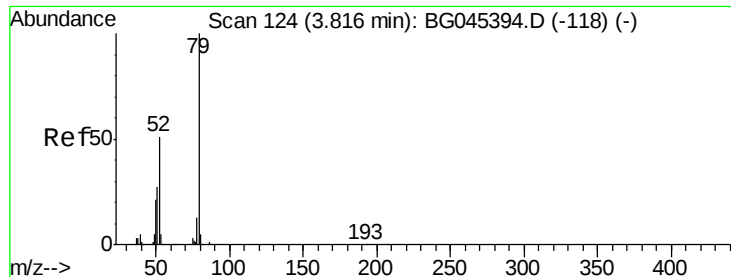
1,4-Dioxane
Concen: 36.764 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion: 88 Resp: 70780
Ion Ratio Lower Upper
88 100
58 60.3 45.7 68.5
43 111.8 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: 20.211 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.02 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

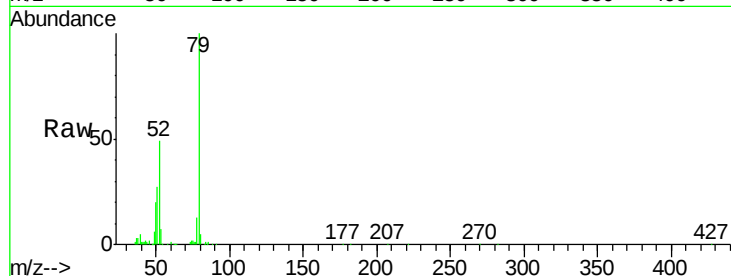
Tot Ion: 79 Resp: 108372

Ion Ratio Lower Upper

79 100

52 49.0 40.8 61.2

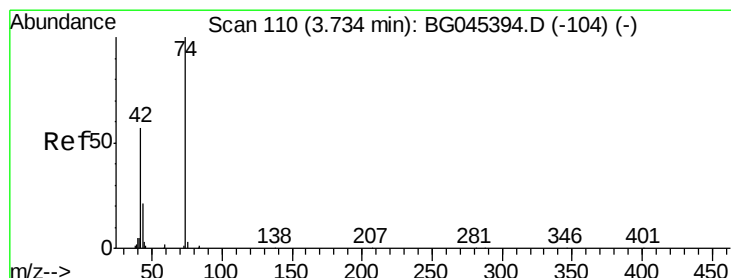
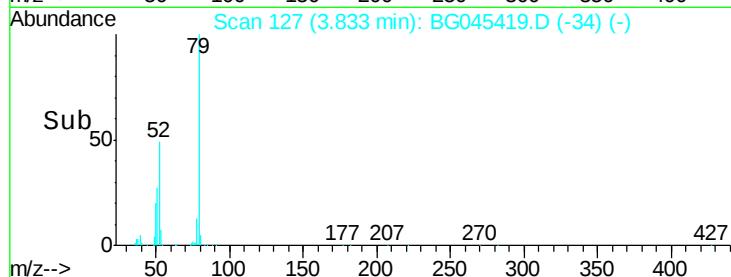
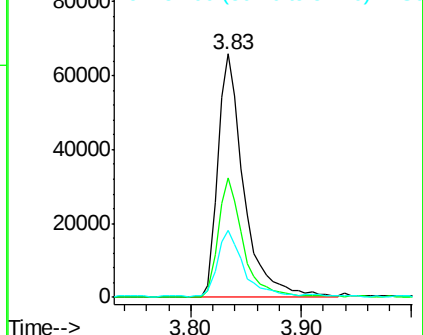
51 27.5 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.289 ng

RT: 3.73 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

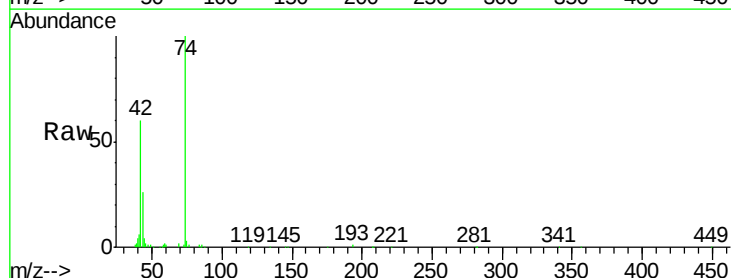
Tgt Ion: 42 Resp: 74200

Ion Ratio Lower Upper

42 100

74 167.8 141.3 211.9

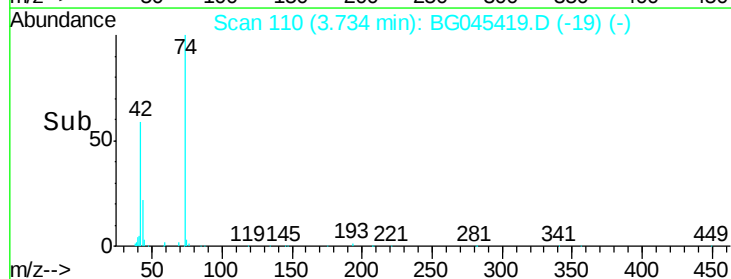
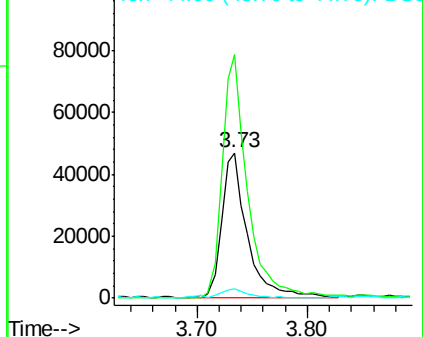
44 6.0 4.2 6.4

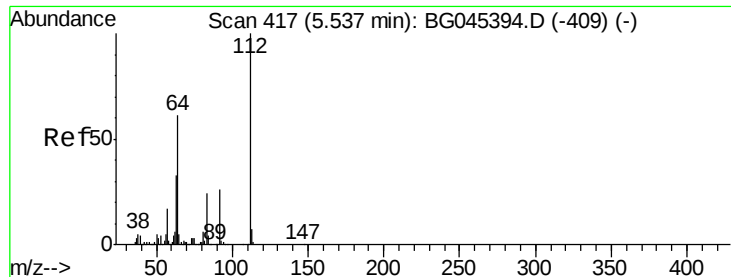


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.562 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

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ClientSampleId :

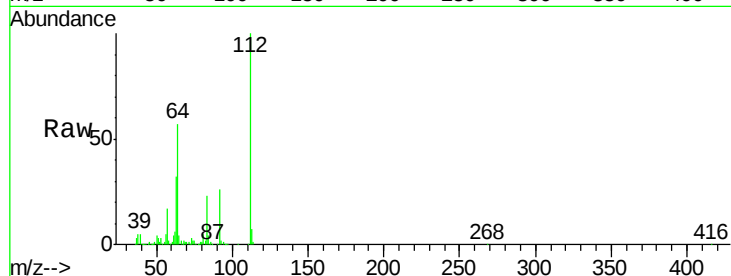
Tot Ion: 112 Resp: 514668

Ion Ratio Lower Upper

112 100

64 56.5 48.6 72.8

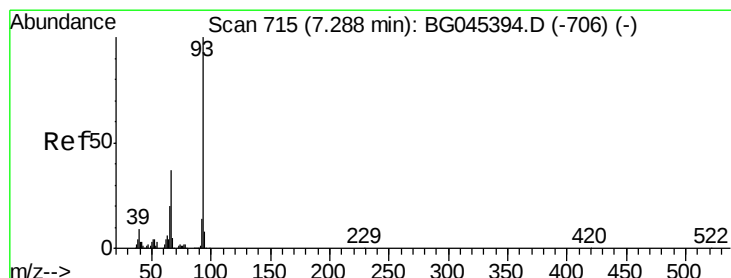
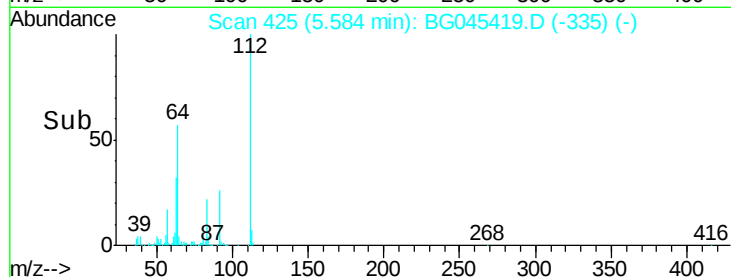
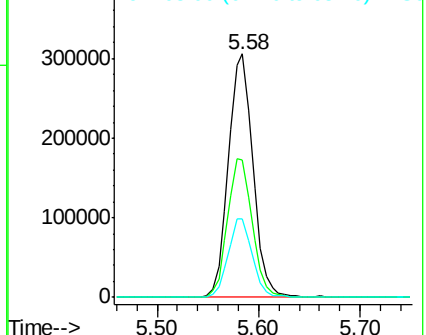
63 32.3 26.5 39.7



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: 31.736 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

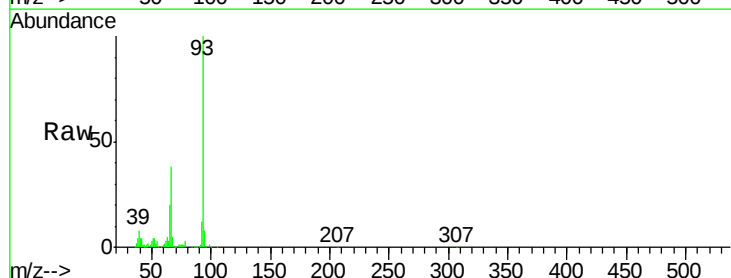
Tgt Ion: 93 Resp: 228932

Ion Ratio Lower Upper

93 100

66 38.1 29.6 44.4

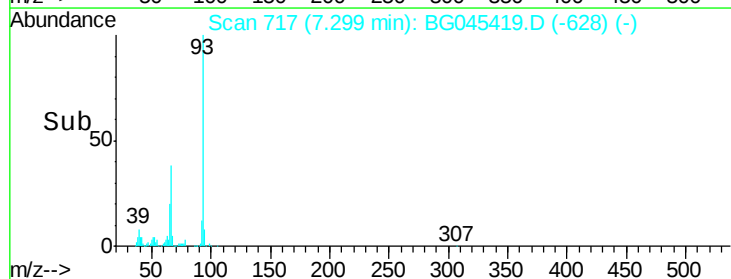
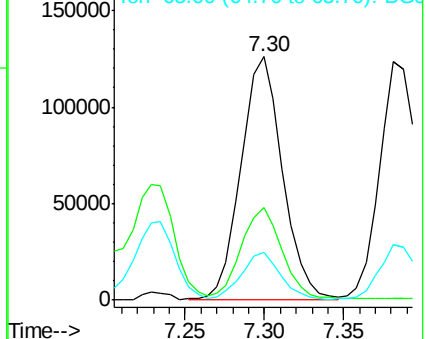
65 19.6 15.9 23.9

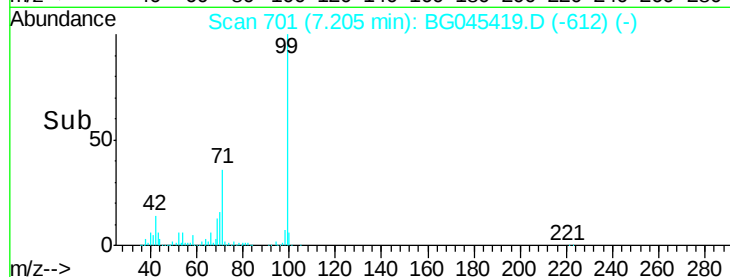
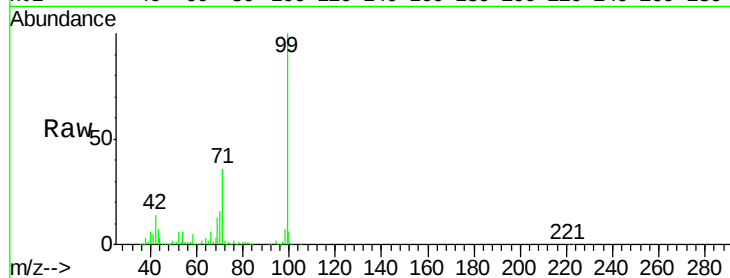
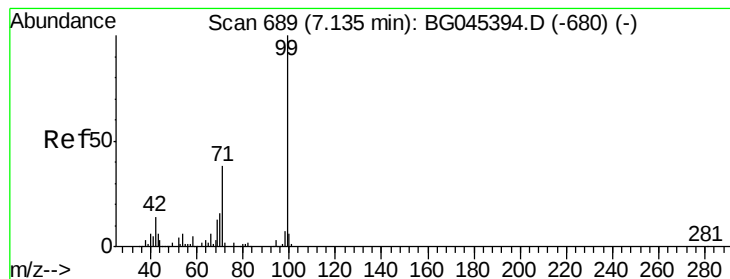


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.208 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

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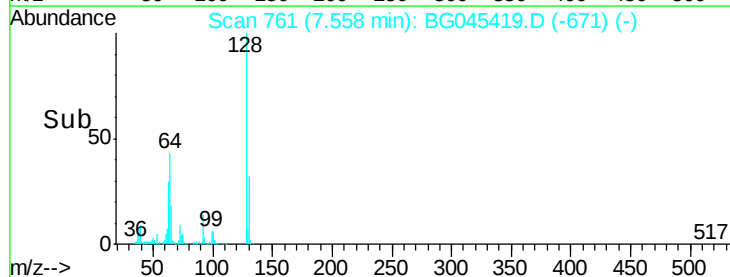
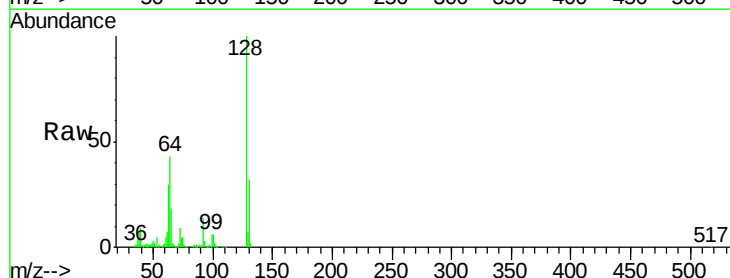
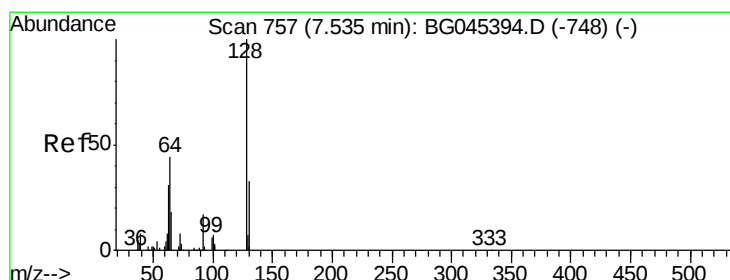
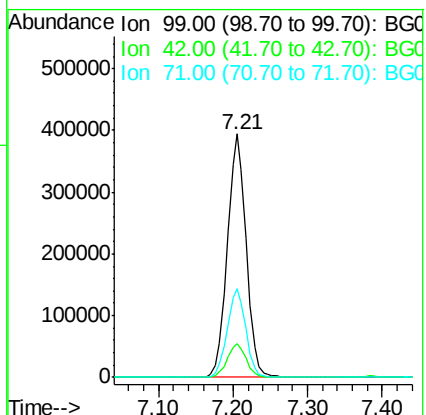
Tot Ion: 99 Resp: 691892

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

71 36.5 30.8 46.2



#8

2-Chlorophenol

Concen: 50.272 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

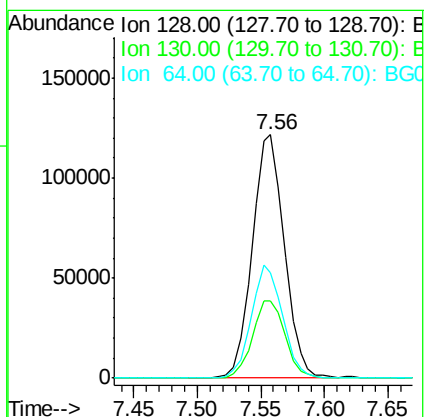
Tgt Ion: 128 Resp: 214039

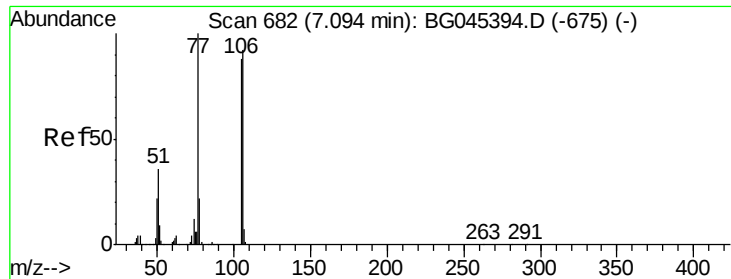
Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

64 43.2 27.0 67.0





#9

Benzaldehyde

Concen: 33.564 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampled :

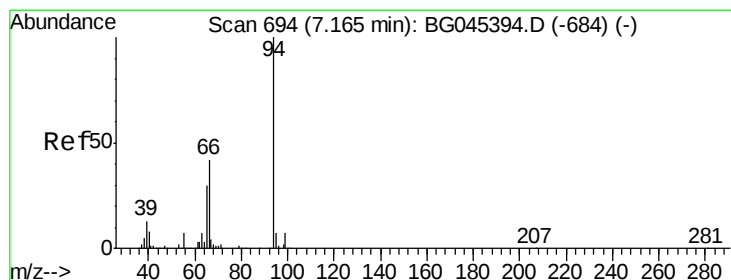
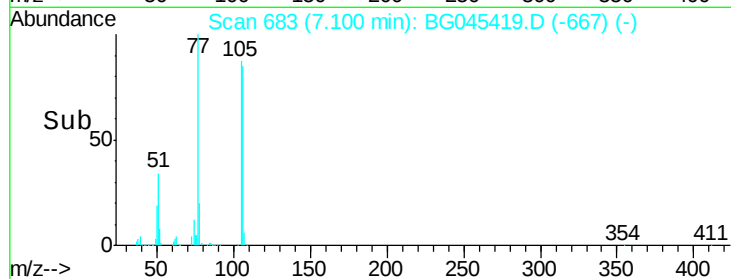
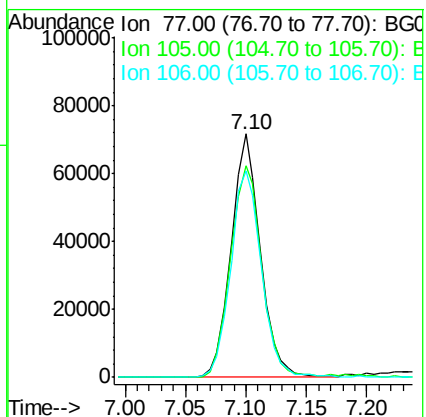
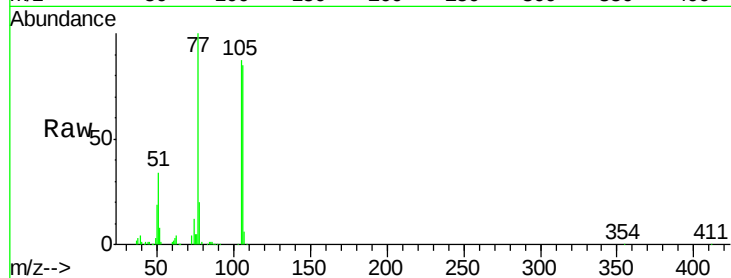
Tot Ion: 77 Resp: 120841

Ion Ratio Lower Upper

77 100

105 86.9 68.5 108.5

106 84.8 71.6 111.6



#10

Phenol

Concen: 43.744 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

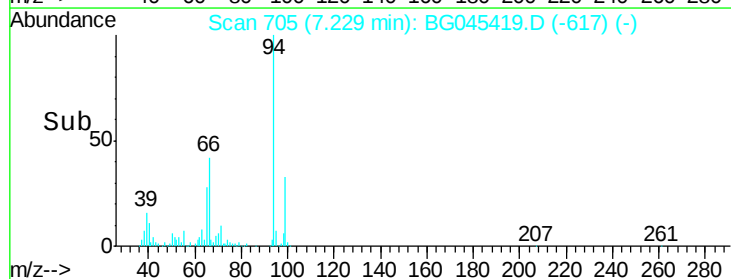
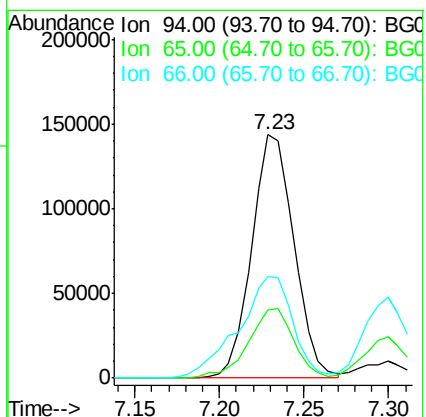
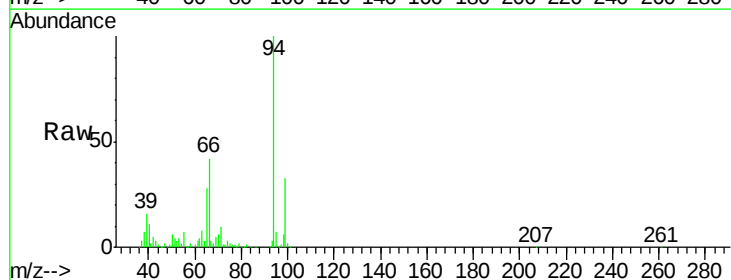
Tgt Ion: 94 Resp: 249132

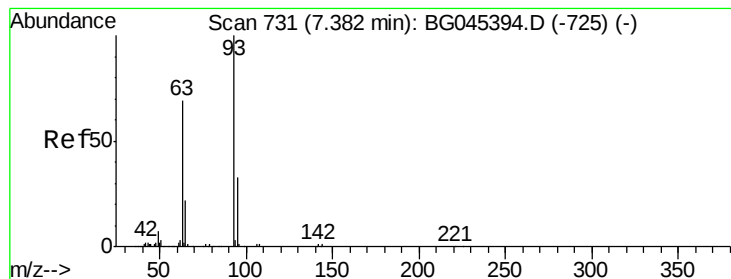
Ion Ratio Lower Upper

94 100

65 27.8 9.8 49.8

66 41.6 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 46.836 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

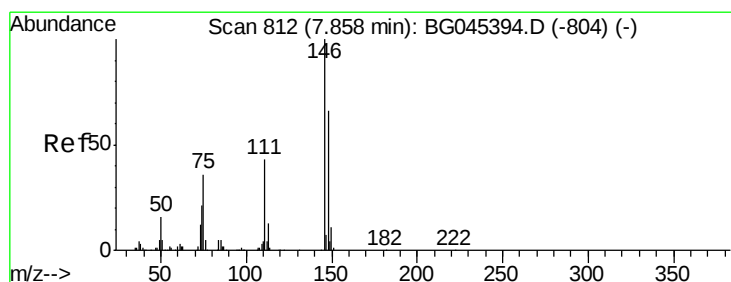
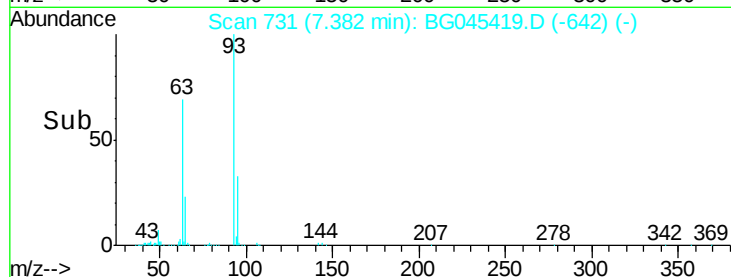
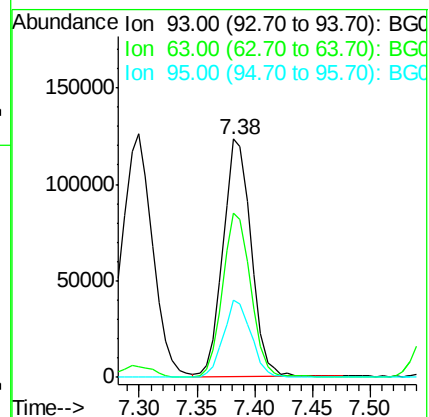
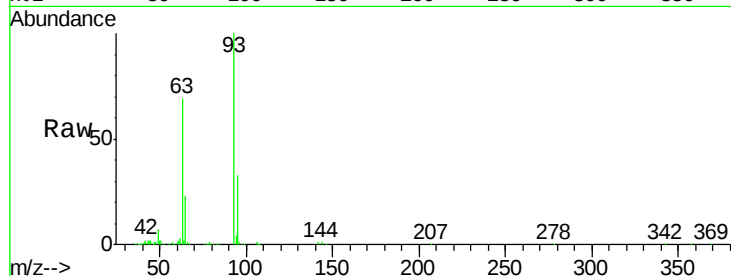
Tot Ion: 93 Resp: 208058

Ion Ratio Lower Upper

93 100

63 69.1 48.4 88.4

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 44.511 ng

RT: 7.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

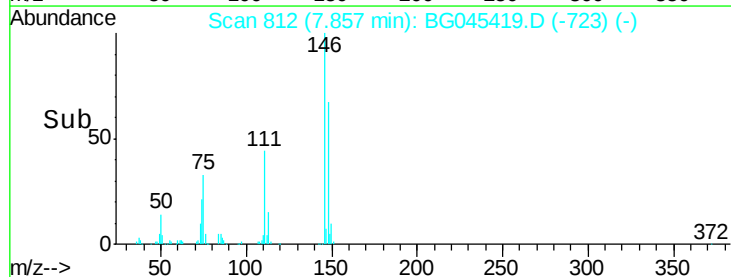
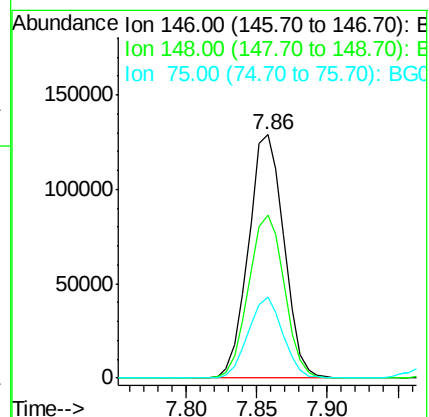
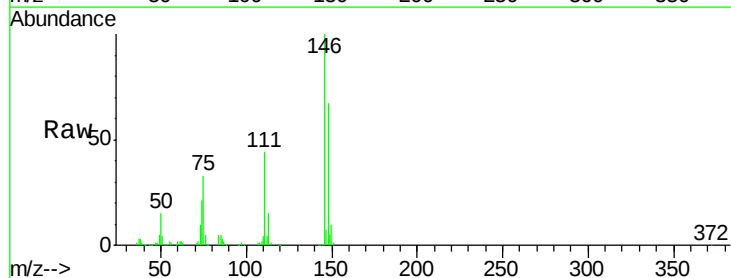
Tgt Ion: 146 Resp: 227741

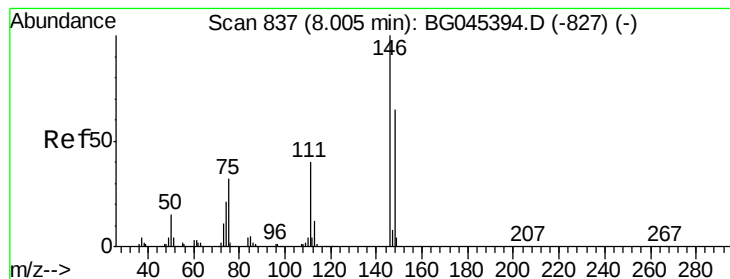
Ion Ratio Lower Upper

146 100

148 66.8 53.2 79.8

75 33.3 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 45.926 ng

RT: 8.00 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

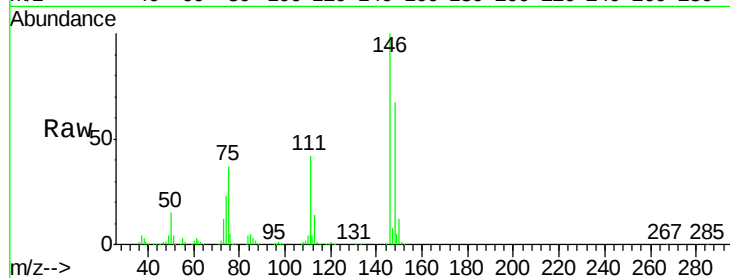
Tot Ion:146 Resp: 231891

Ion Ratio Lower Upper

146 100

148 67.2 51.8 77.8

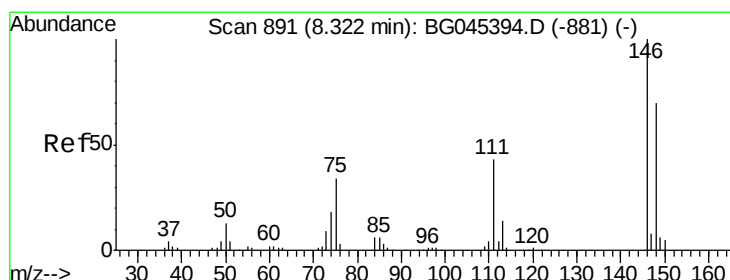
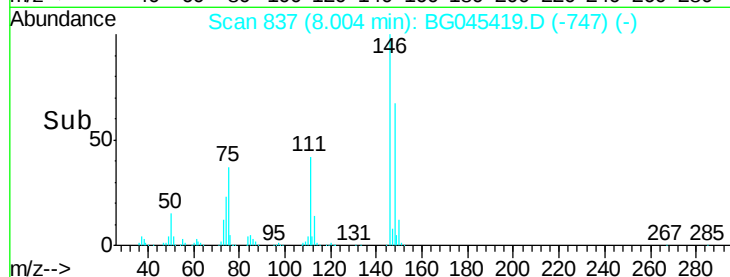
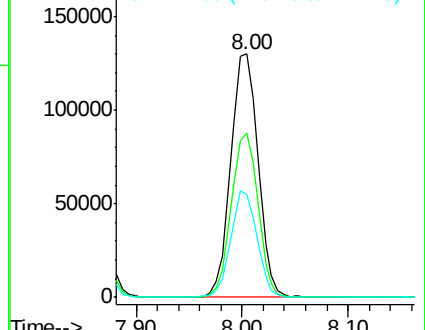
111 42.1 32.1 48.1



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: 45.601 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

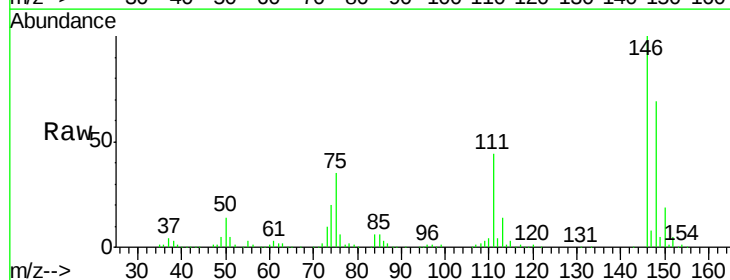
Tgt Ion:146 Resp: 221456

Ion Ratio Lower Upper

146 100

148 69.0 55.9 83.9

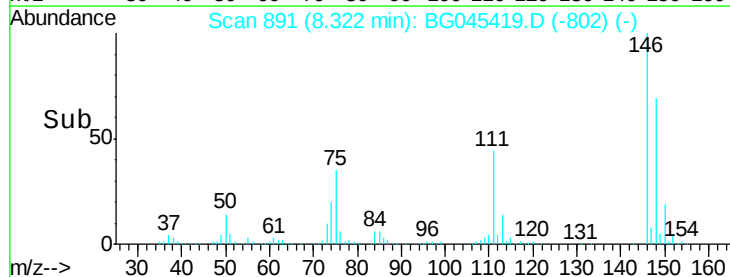
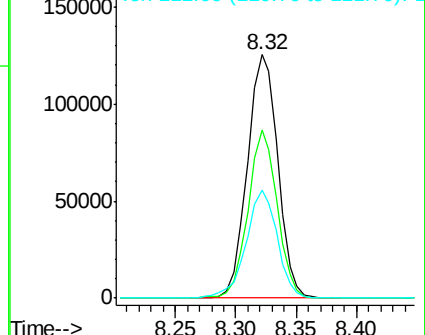
111 44.4 35.0 52.4

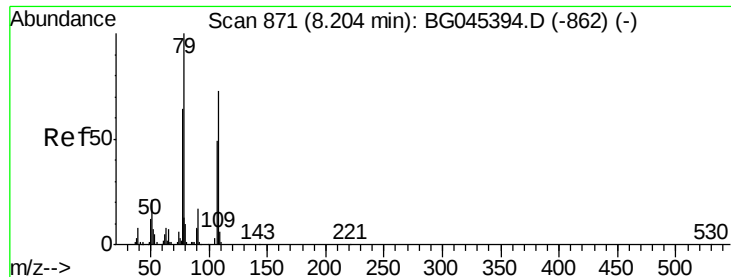


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.128 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

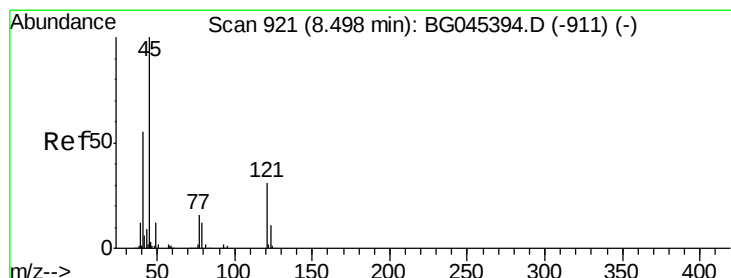
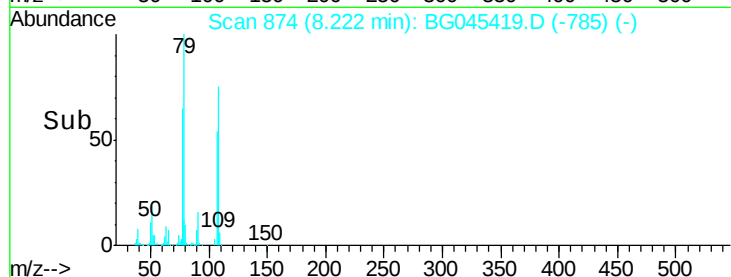
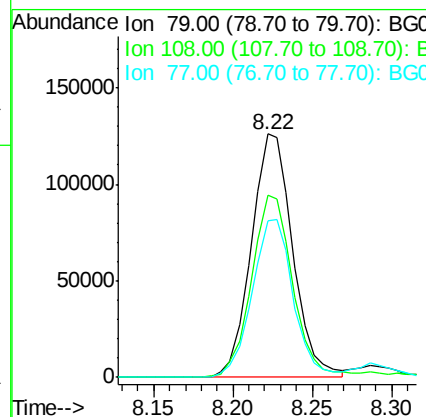
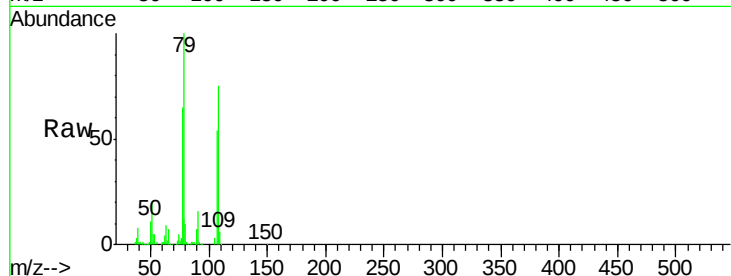
Tot Ion: 79 Resp: 228829

Ion Ratio Lower Upper

79 100

108 74.9 58.2 87.4

77 64.5 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.299 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

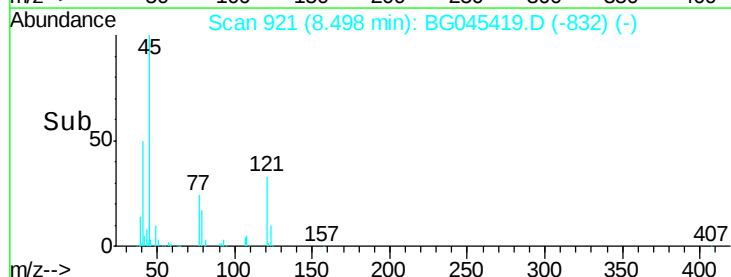
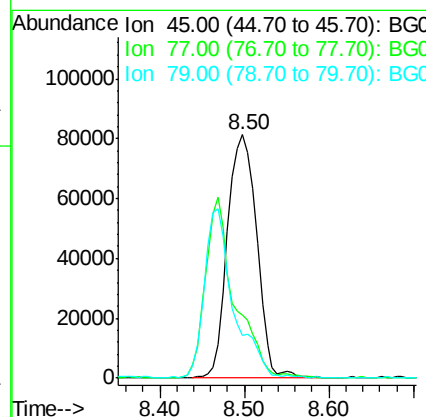
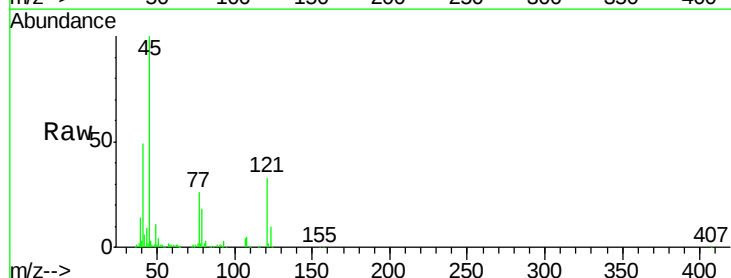
Tgt Ion: 45 Resp: 195230

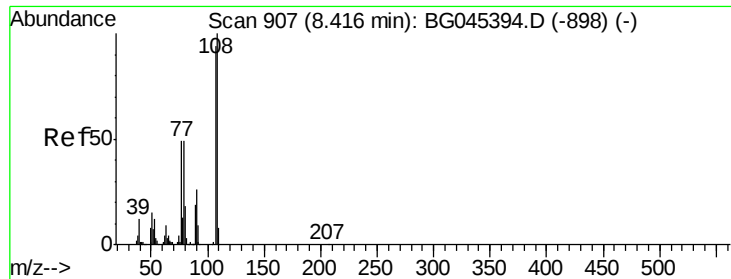
Ion Ratio Lower Upper

45 100

77 25.8 4.0 44.0

79 17.6 0.0 38.6

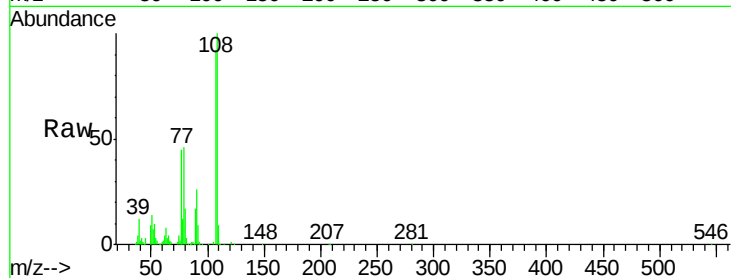




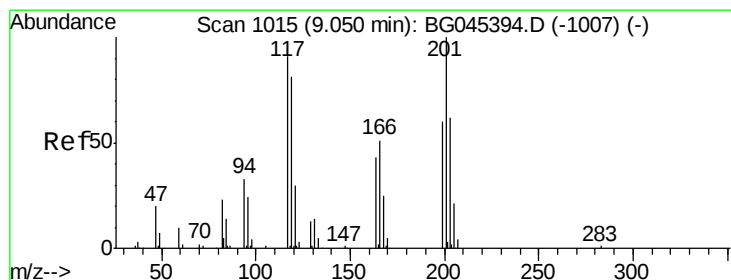
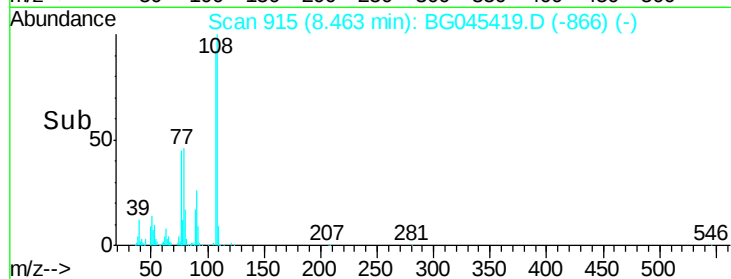
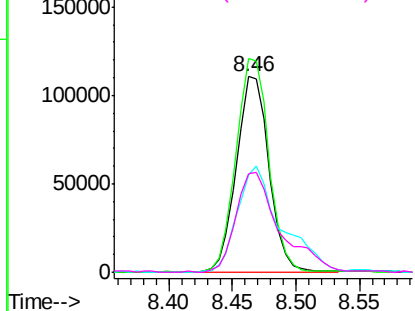
#17
2-Methylphenol
Concen: 46.229 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	197065
Ion	Ratio	Lower	Upper
107	100		
108	109.2	85.2	127.8
77	49.5	41.6	62.4
79	50.1	41.8	62.8

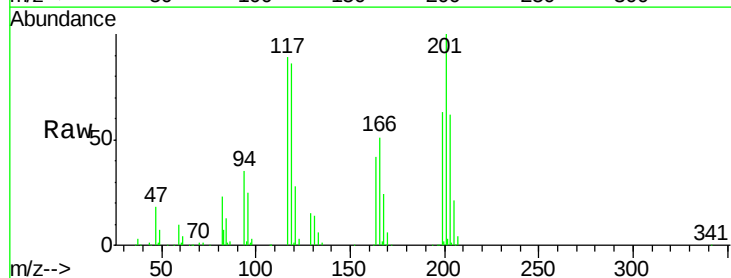


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

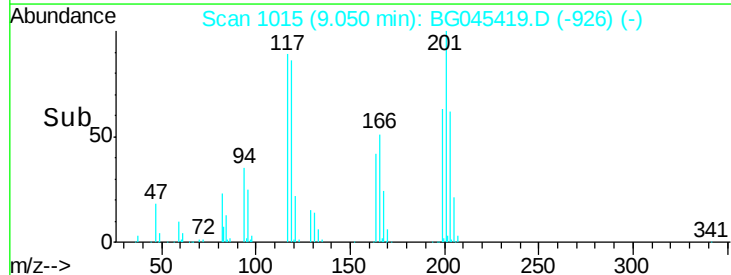
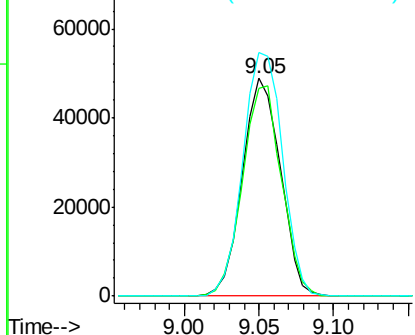


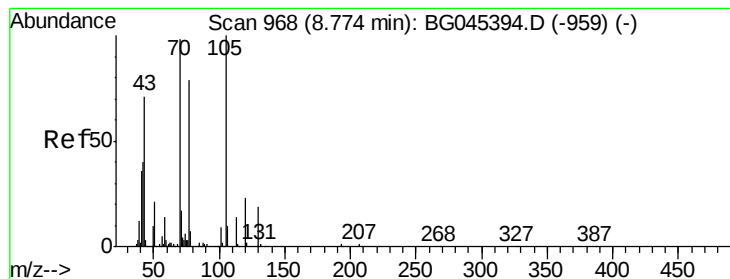
#18
Hexachloroethane
Concen: 44.668 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion:	117	Resp:	86381
Ion	Ratio	Lower	Upper
117	100		
119	95.8	71.3	106.9
201	112.0	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: 49.877 ng

RT: 8.77 min Scan# 968

Delta R.T. -0.01 min

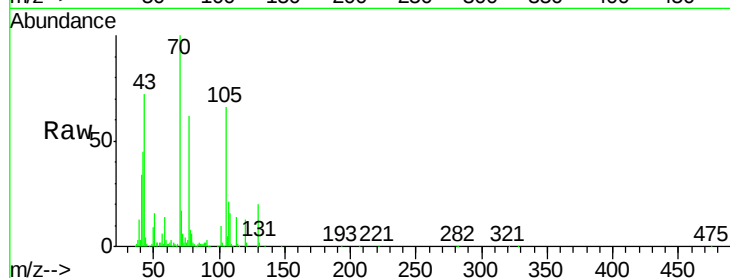
Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 70 Resp: 190592

Ion Ratio Lower Upper

70 100

42 45.4 33.2 49.8

101 9.8 7.8 11.6

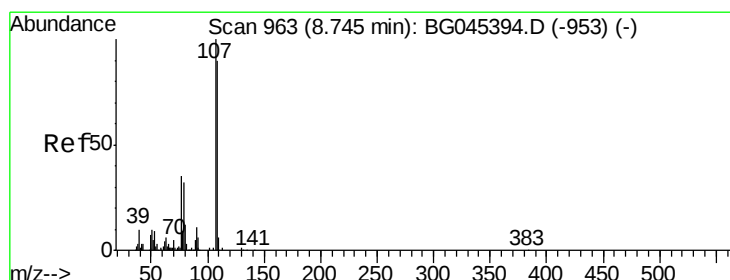
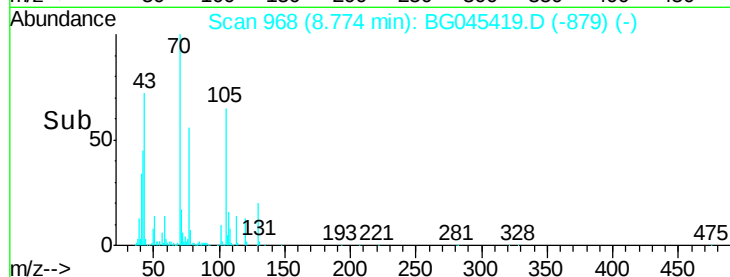
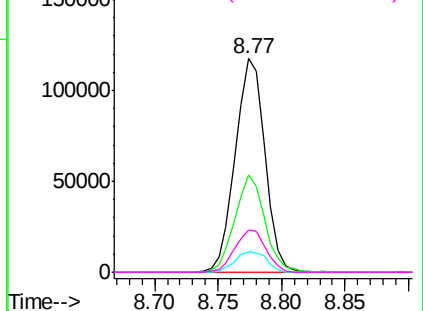
130 20.1 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 33.948 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.34 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion: 107 Resp: 197065

Ion Ratio Lower Upper

107 100

108 109.2 70.3 110.3

77 49.5 15.4 55.4

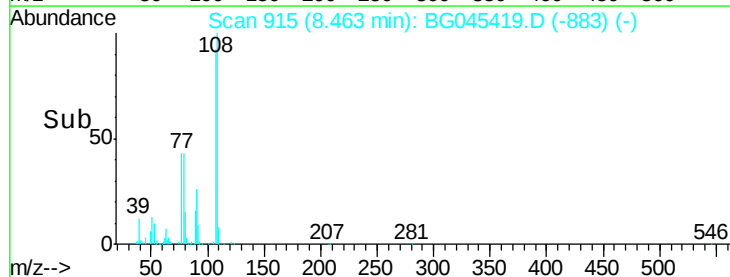
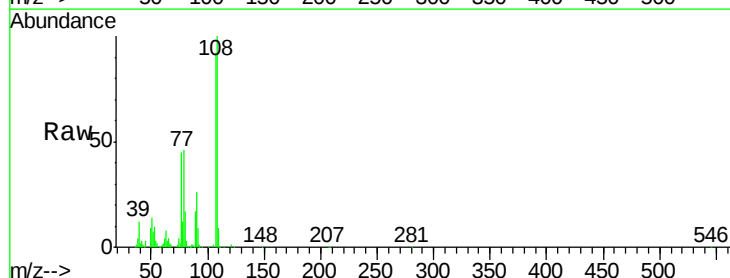
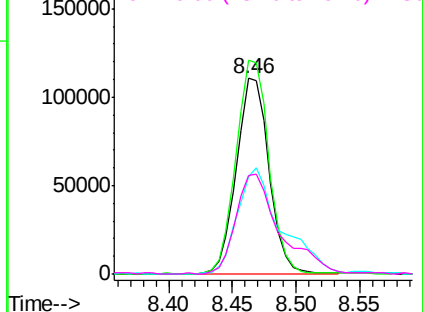
79 50.1 12.6 52.6

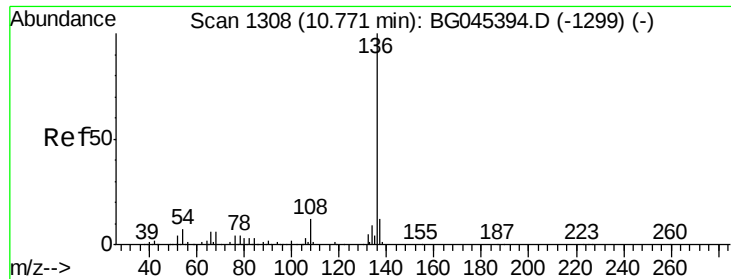
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045419.D

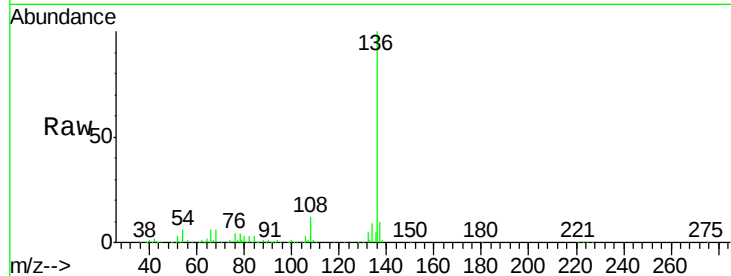
Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	311038
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.4 14.2
54	5.7	5.8 8.6#
68	5.6	4.5 6.7



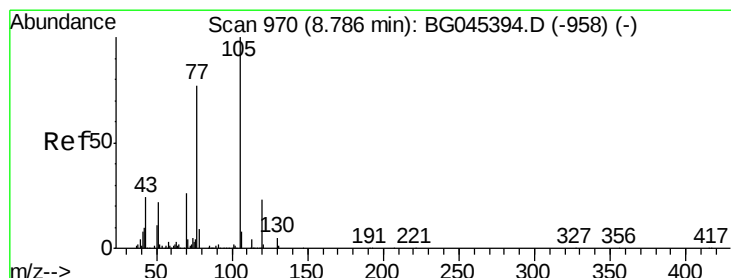
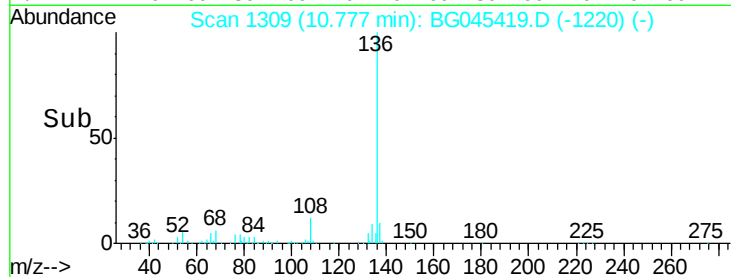
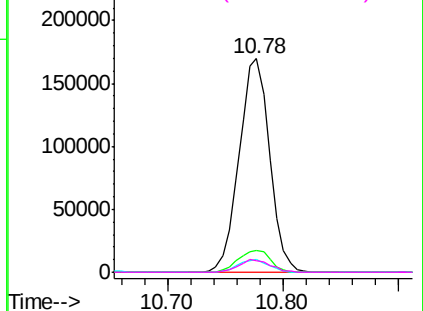
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.699 ng

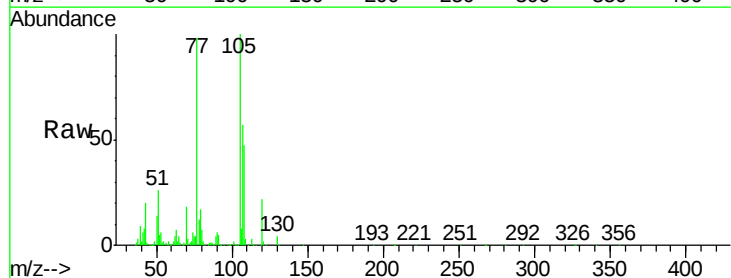
RT: 8.79 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:105	Resp:	351633
Ion Ratio	Lower	Upper
105	100	
71	2.6	3.4 5.0#
51	26.4	18.2 27.2
120	22.3	18.6 27.8



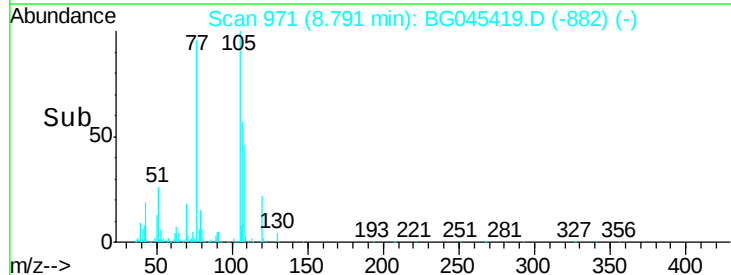
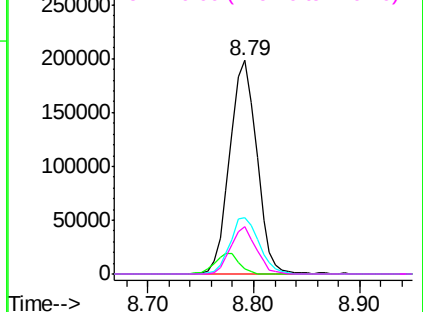
Abundance

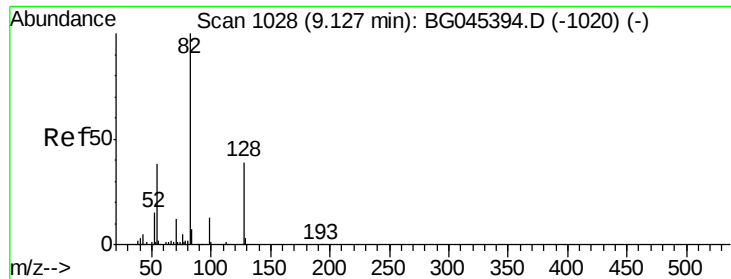
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

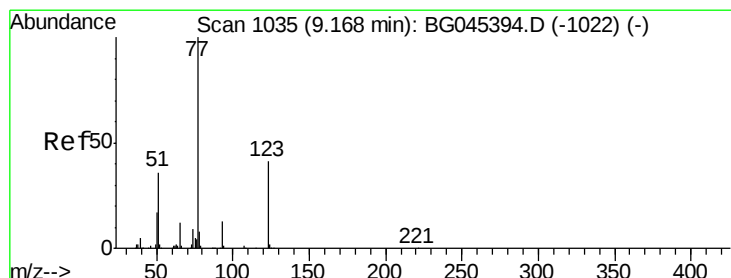
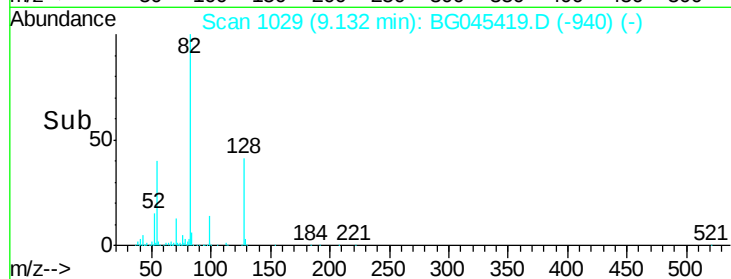
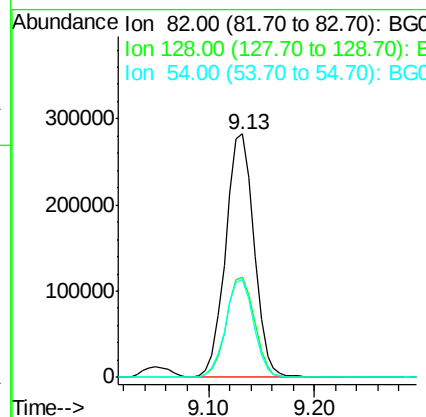
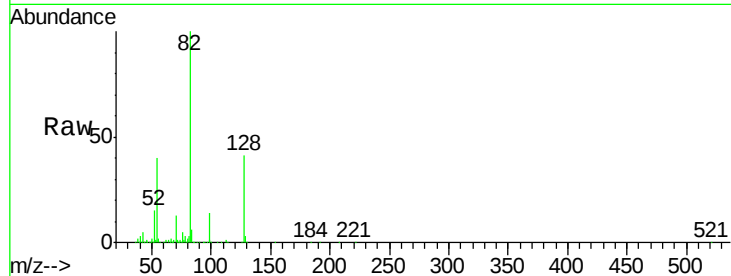




#23
 Nitrobenzene-d5
 Concen: 92.264 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

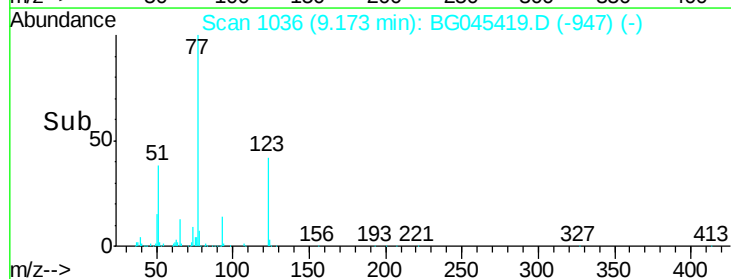
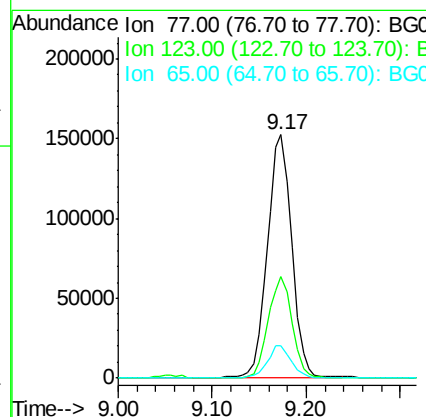
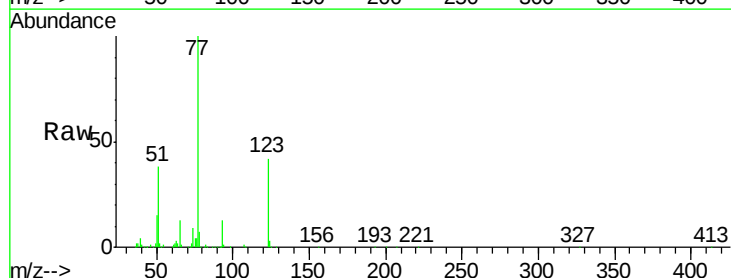
Instrument :
 BNA_G
 ClientSampleId :

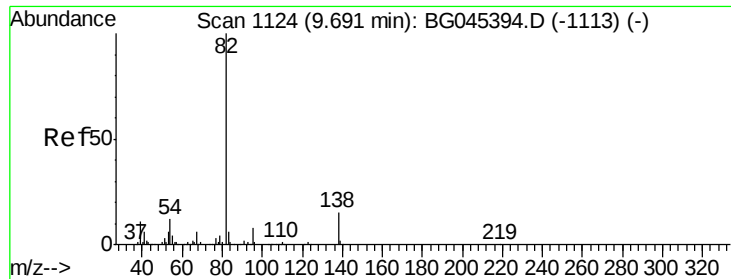
Tot Ion	82	Resp	526254
Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.9	46.3
54	39.9	30.3	45.5



#24
 Nitrobenzene
 Concen: 44.867 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	77	Resp	274185
Ion	Ratio	Lower	Upper
77	100		
123	41.7	32.9	49.3
65	13.2	9.4	14.2





#25

Isophorone

Concen: 48.796 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

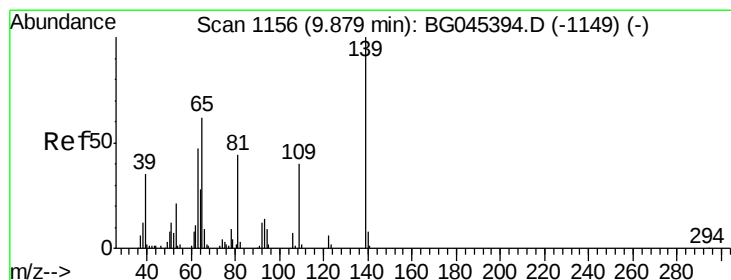
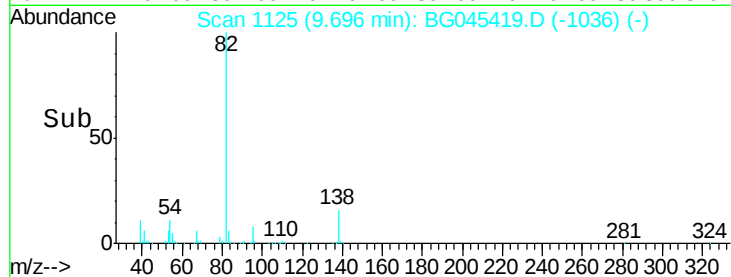
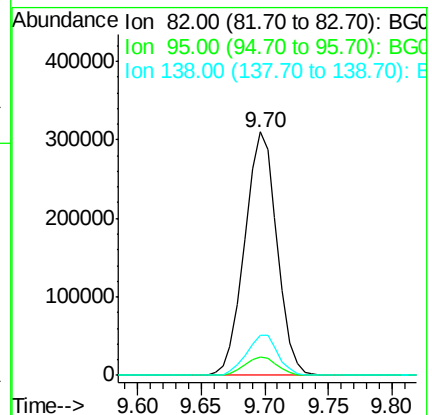
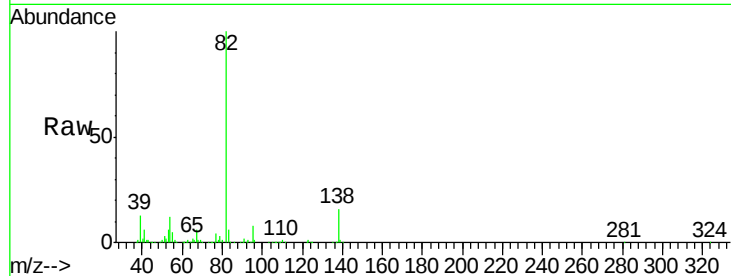
Tot Ion: 82 Resp: 548121

Ion Ratio Lower Upper

82 100

95 7.7 6.7 10.1

138 16.4 12.2 18.4



#26

2-Nitrophenol

Concen: 48.630 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

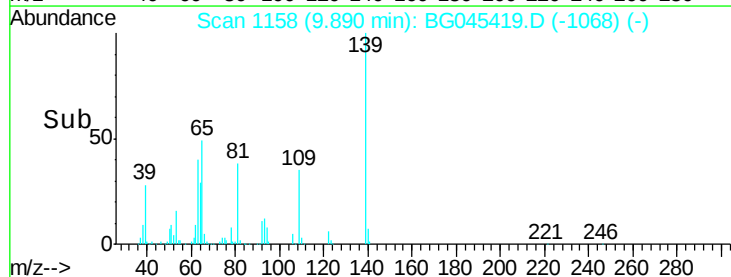
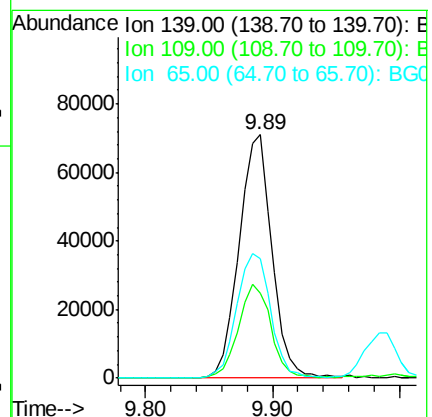
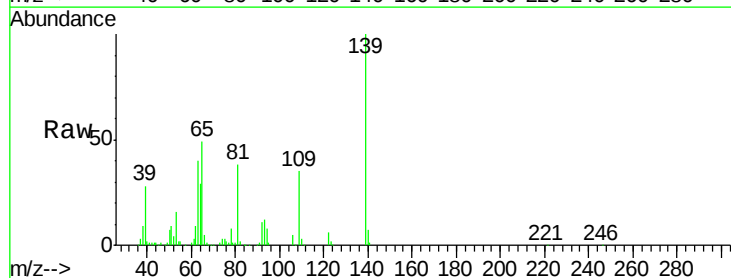
Tgt Ion: 139 Resp: 127128

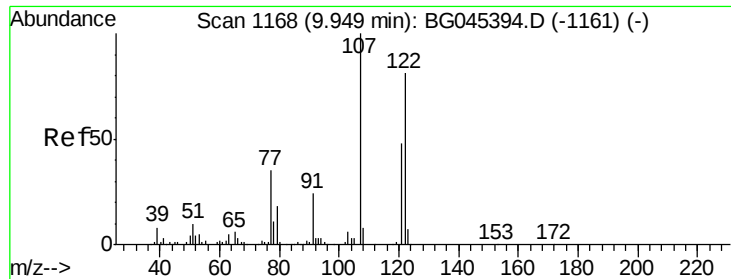
Ion Ratio Lower Upper

139 100

109 35.1 32.2 48.4

65 49.2 49.6 74.4#

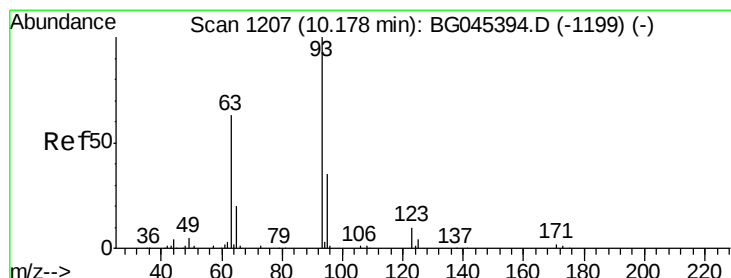
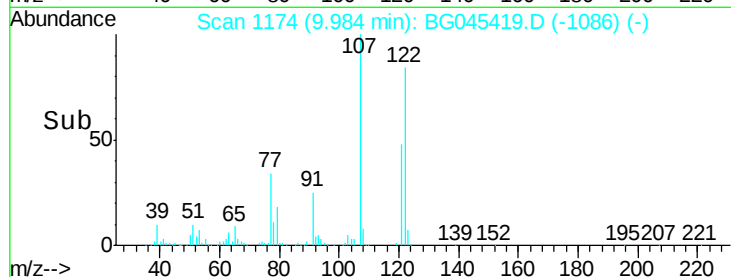
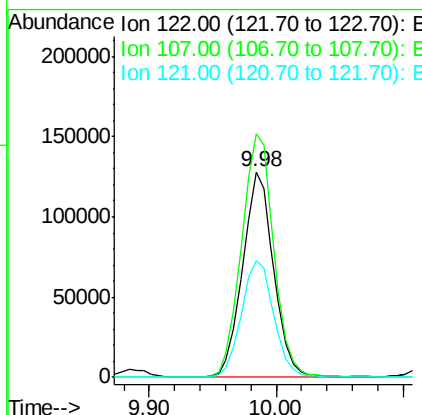
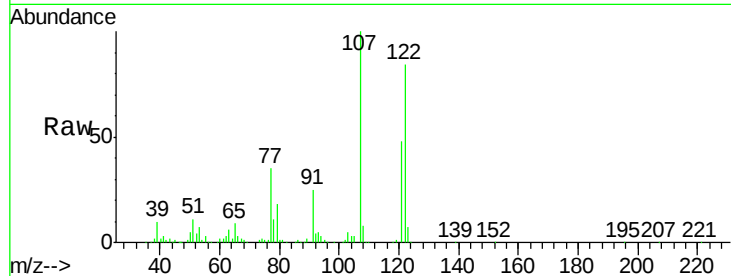




#27
 2,4-Dimethylphenol
 Concen: 56.009 ng
 RT: 9.98 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

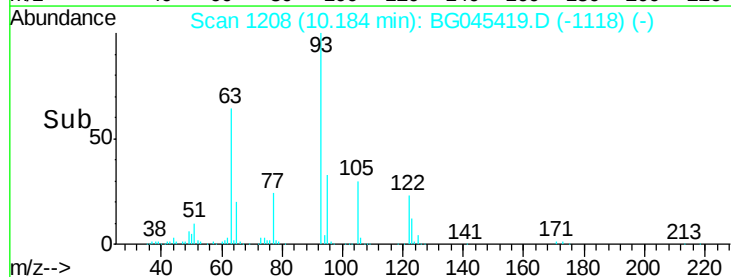
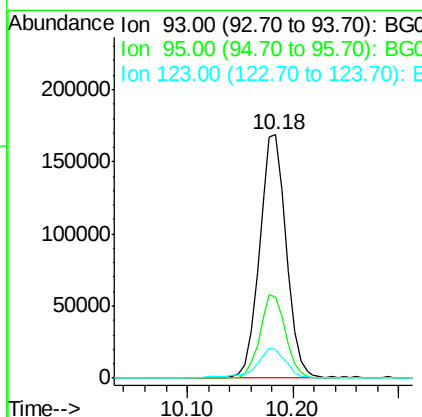
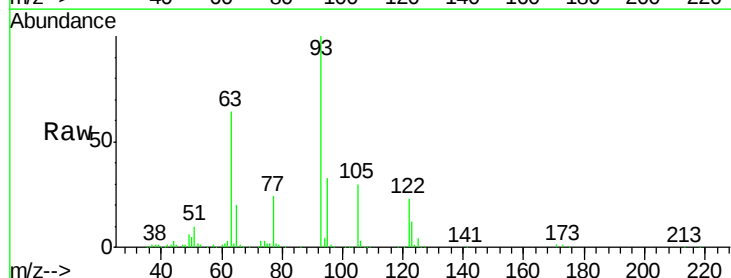
Instrument :
 BNA_G
 ClientSampleId :

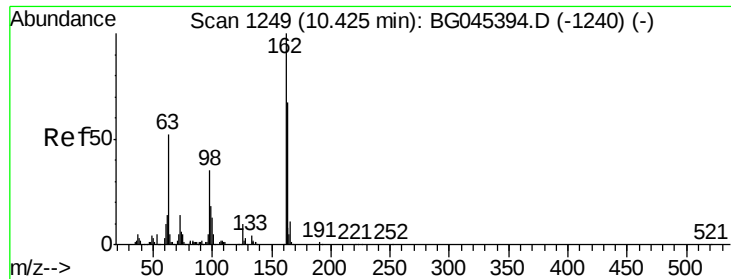
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	99.0	148.4
121	56.9	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.281 ng
 RT: 10.18 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.6	41.4
123	11.8	8.1	12.1

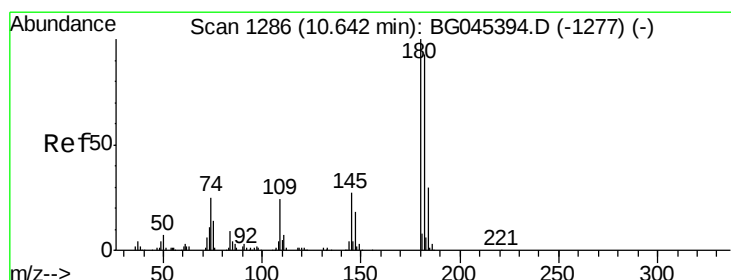
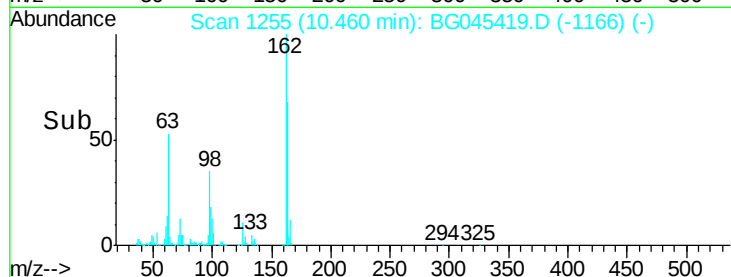
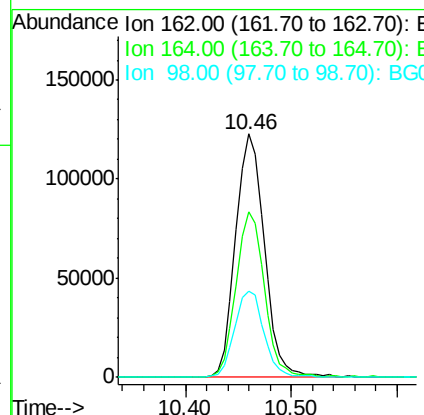
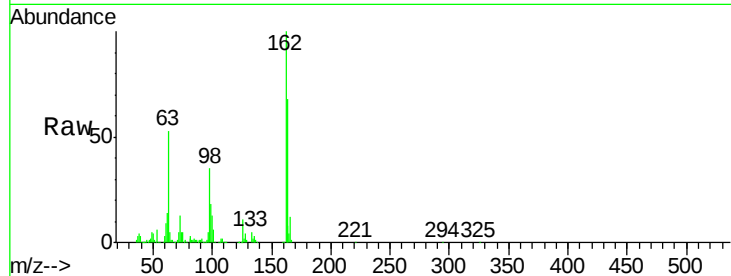




#29
 2,4-Dichlorophenol
 Concen: 50.645 ng
 RT: 10.46 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

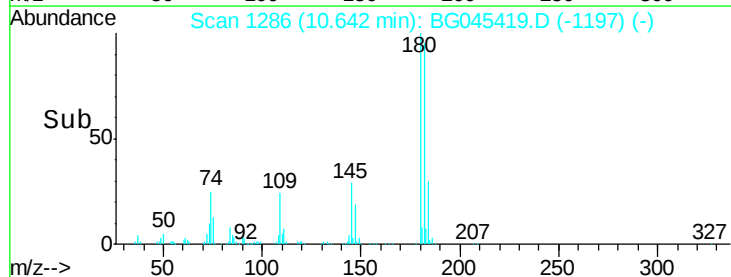
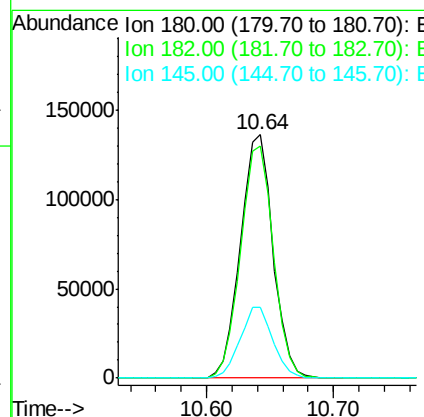
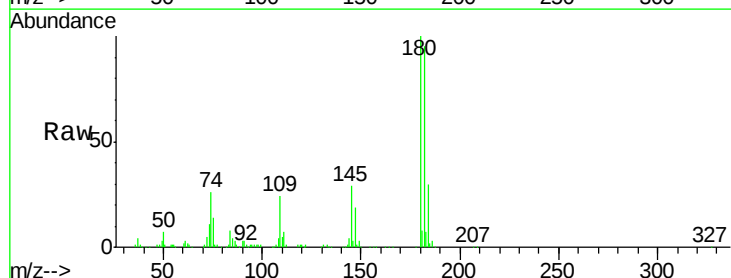
Instrument :
 BNA_G
 ClientSampleId :

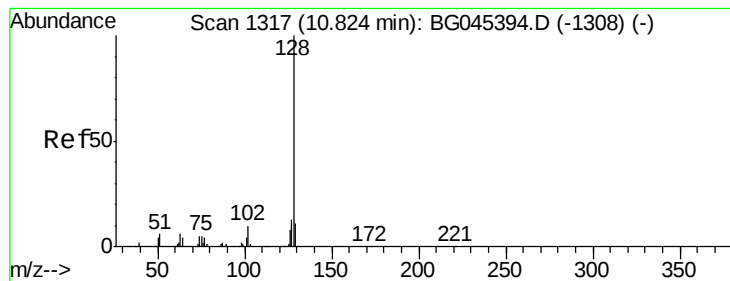
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.8	86.8
98	35.4	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.717 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.8	112.2
145	28.9	21.9	32.9

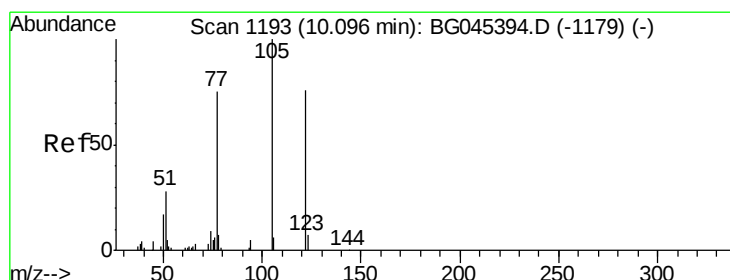
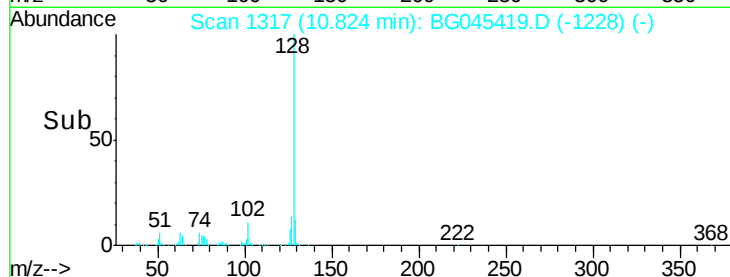
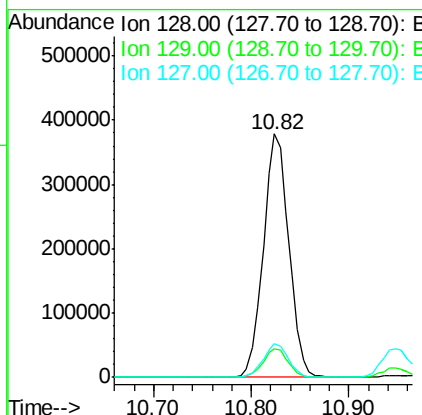
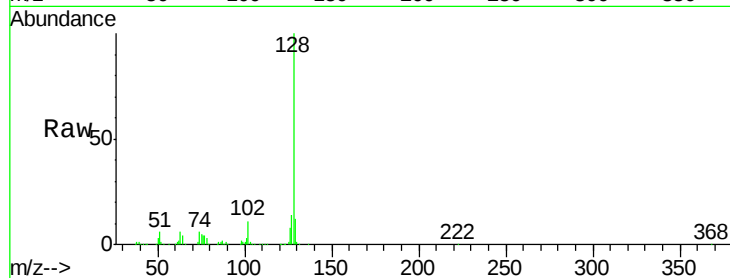




#31
Naphthalene
Concen: 47.728 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

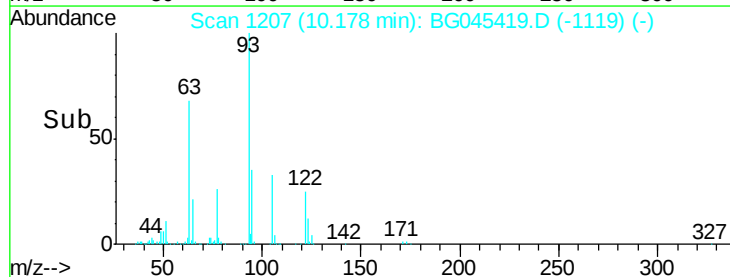
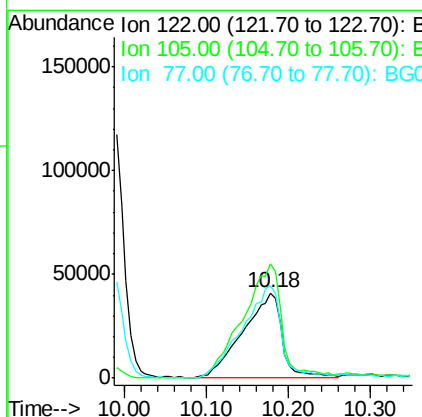
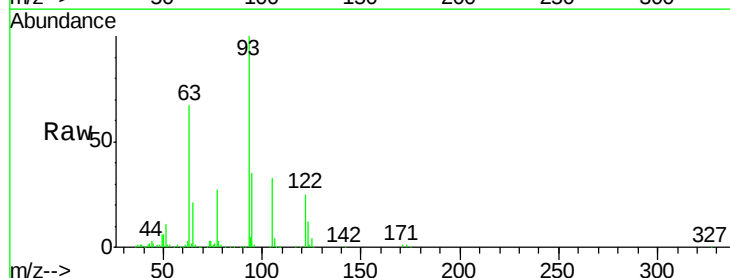
Instrument :
BNA_G
ClientSampled :

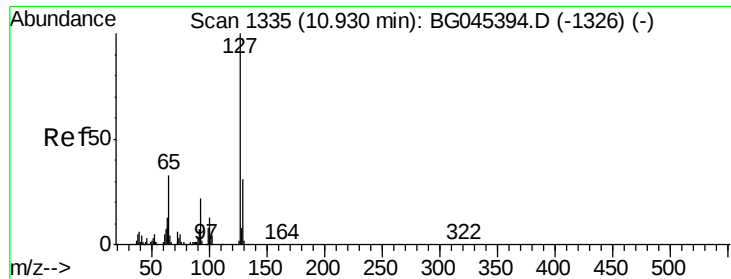
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.9	10.7	16.1



#32
Benzoic acid
Concen: 51.298 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.5	107.9	147.9
77	108.0	78.9	118.9

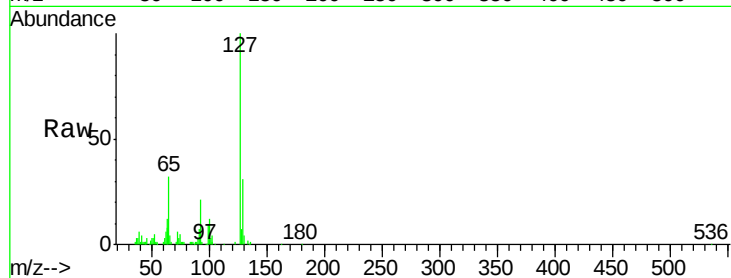




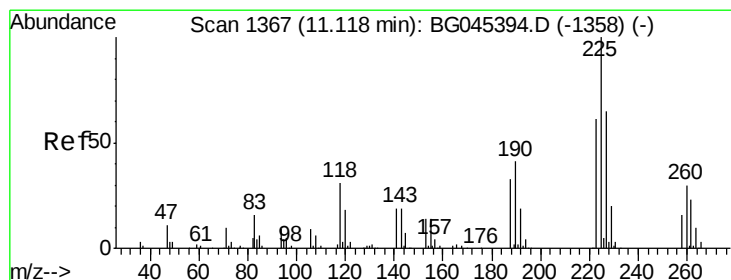
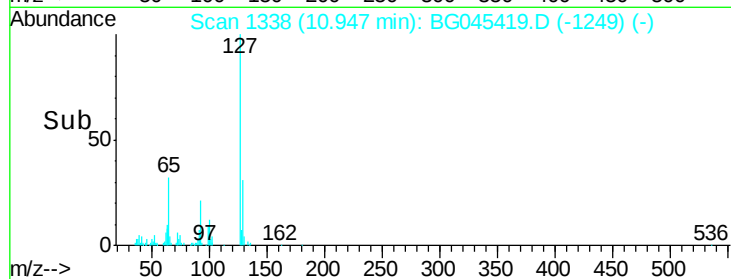
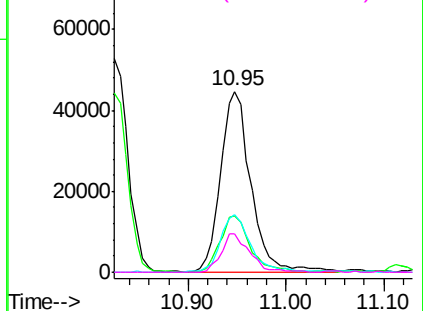
#33
4-Chloroaniline
Concen: 15.968 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	96744
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.7	37.1
65	31.8	26.2	39.2
92	21.1	17.9	26.9

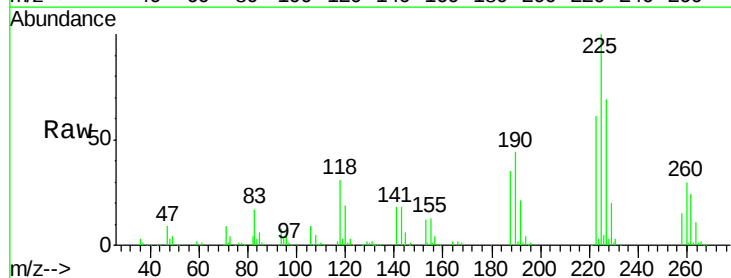


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

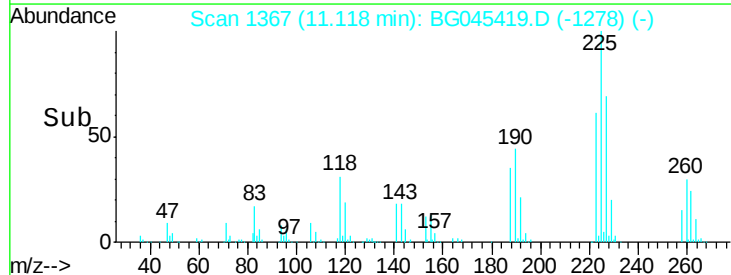
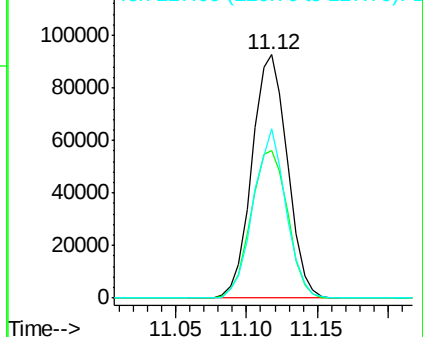


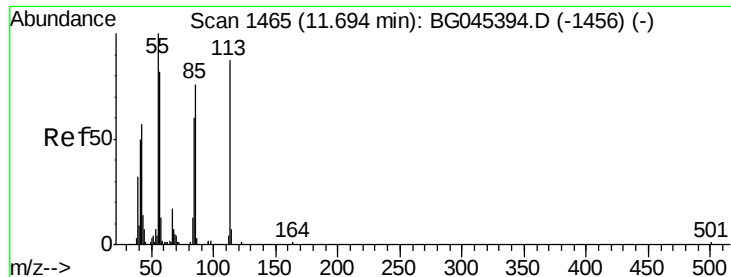
#34
Hexachlorobutadiene
Concen: 42.700 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion:	225	Resp:	163299
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.1	73.7
227	69.4	52.0	78.0



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

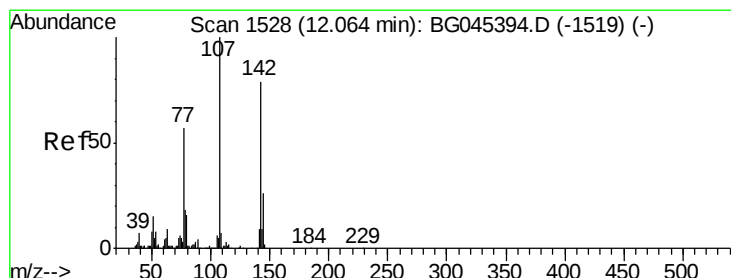
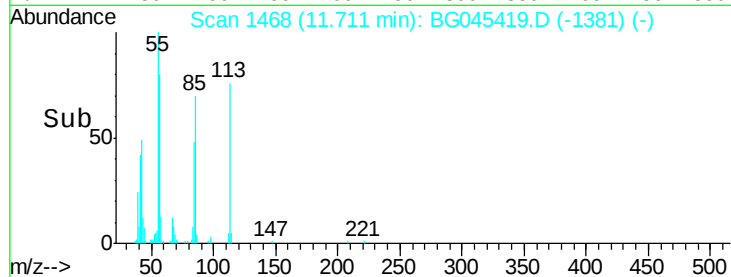
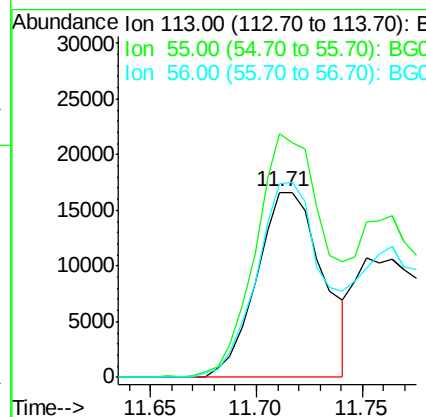
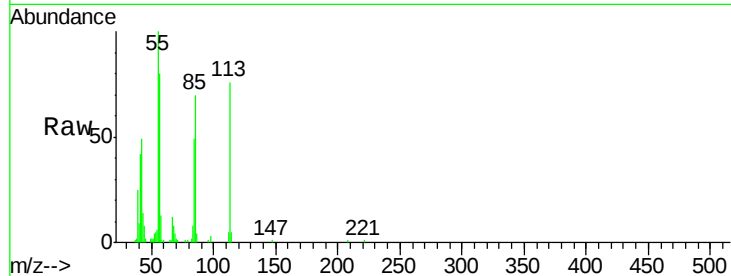




#35
 Caprolactam
 Concen: 21.496 ng
 RT: 11.71 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

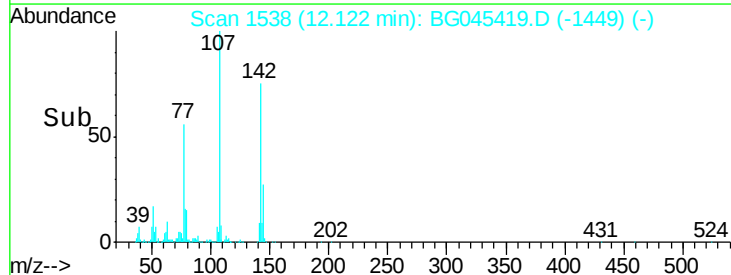
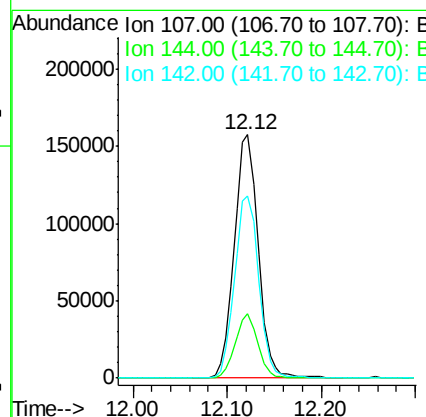
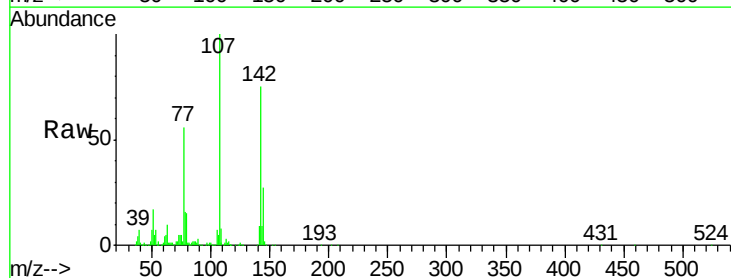
Instrument :
 BNA_G
 ClientSampled :

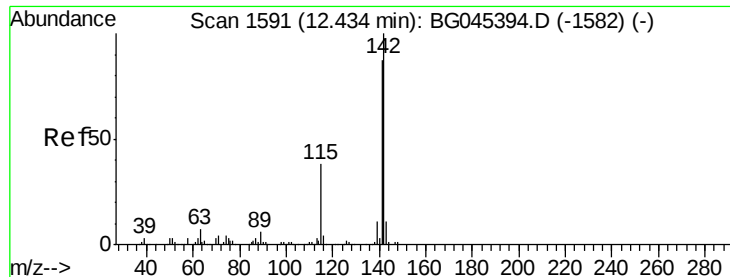
Tot Ion:113 Resp: 36126
 Ion Ratio Lower Upper
 113 100
 55 131.5 96.0 136.0
 56 104.6 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 54.065 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion:107 Resp: 278937
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.8 31.2
 142 75.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 49.510 ng

RT: 12.43 min Scan# 1591

Delta R.T. -0.01 min

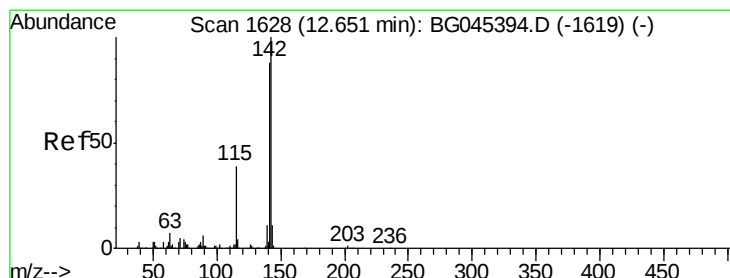
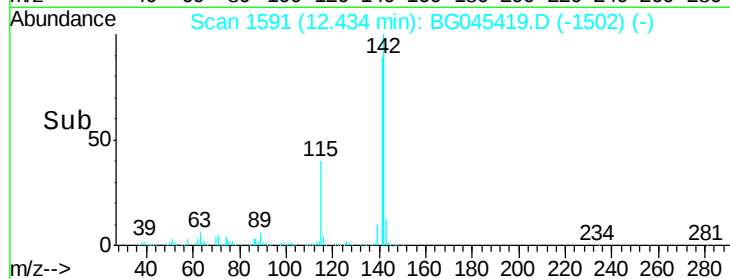
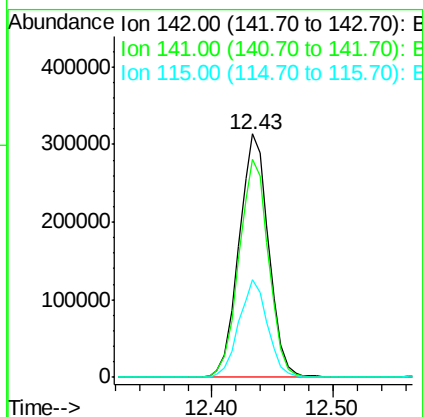
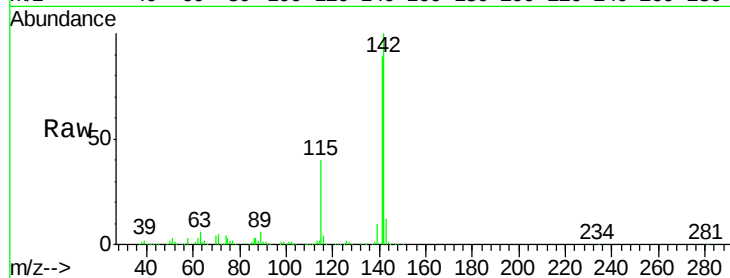
Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 534864

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.0	105.0
115	39.9	30.8	46.2



#38

1-Methylnaphthalene

Concen: 49.762 ng

RT: 12.66 min Scan# 1629

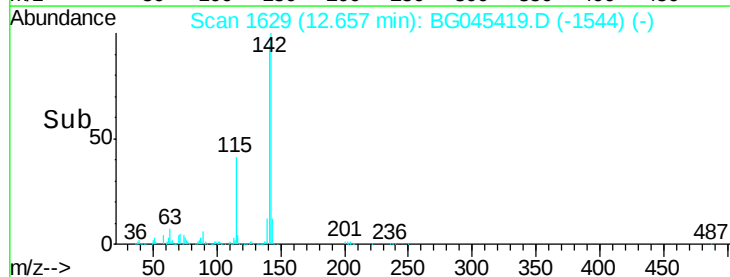
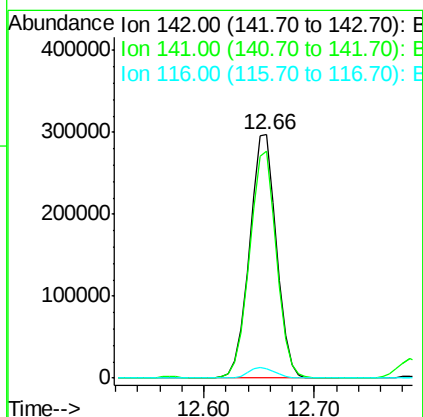
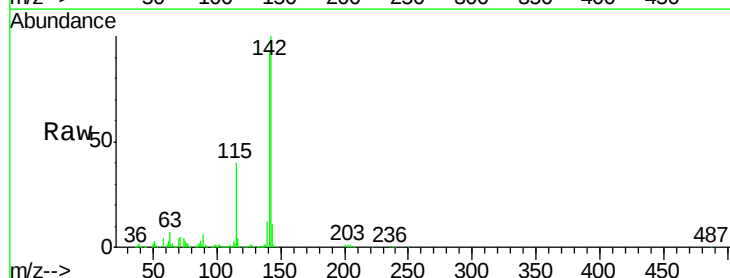
Delta R.T. -0.00 min

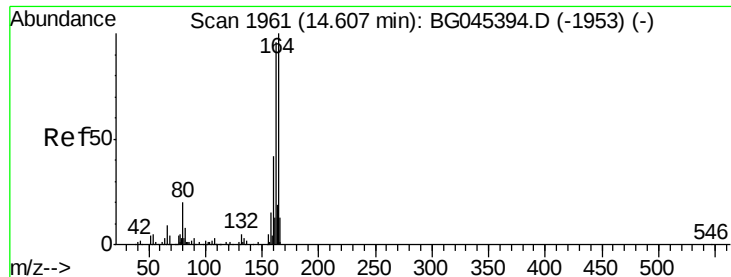
Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:142 Resp: 507811

Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.8	106.2
116	4.1	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: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

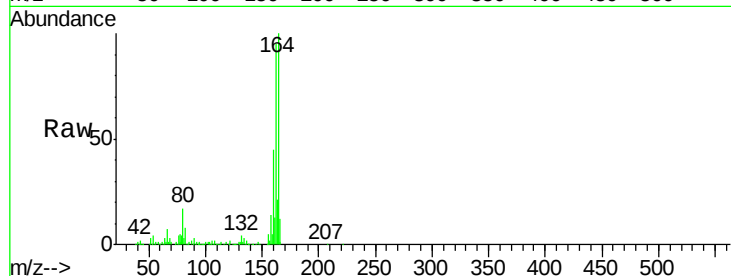
Tot Ion:164 Resp: 233541

Ion Ratio Lower Upper

164 100

162 94.8 76.9 115.3

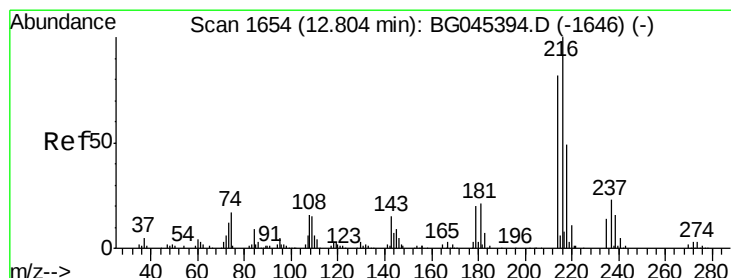
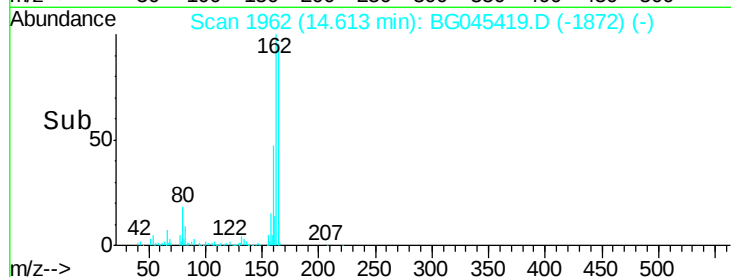
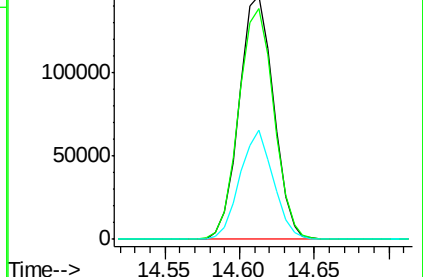
160 44.9 33.8 50.8



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: 45.642 ng

RT: 12.80 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:216 Resp: 297727

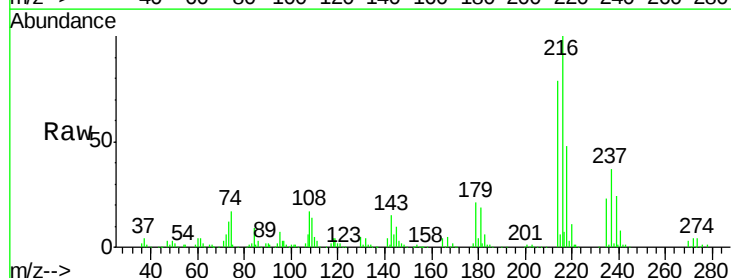
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 20.2 16.1 24.1

108 18.1 13.8 20.6

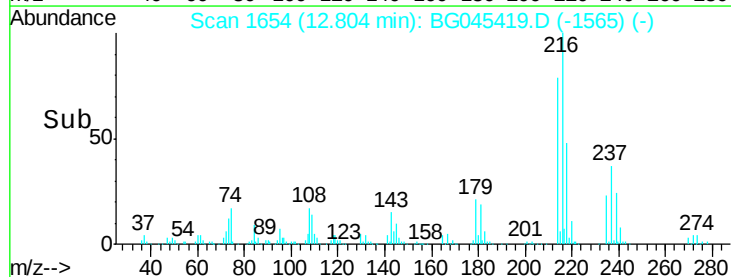
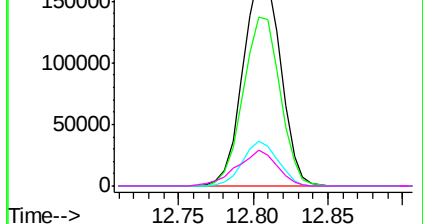


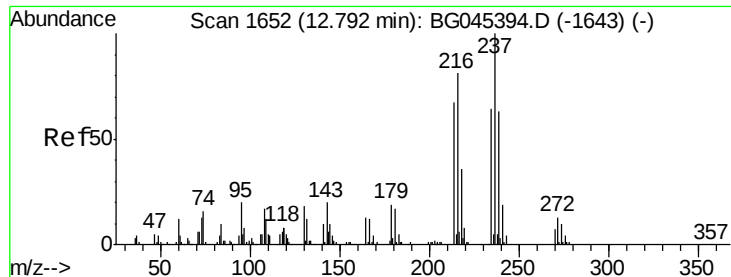
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.881 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

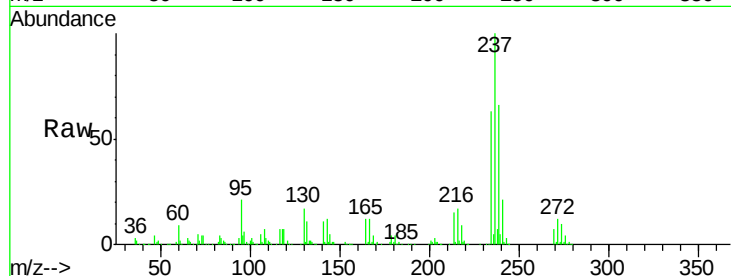
Tot Ion:237 Resp: 334641

Ion Ratio Lower Upper

237 100

235 62.7 44.4 84.4

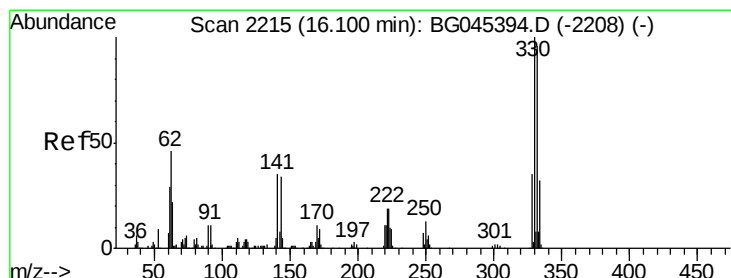
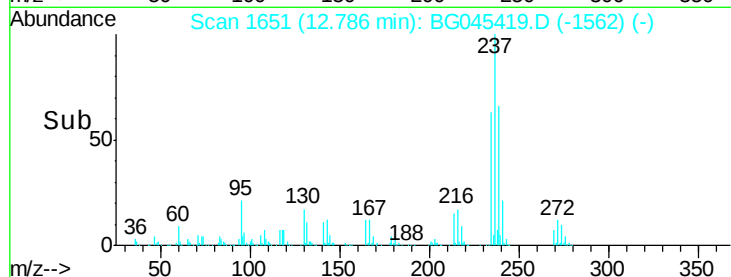
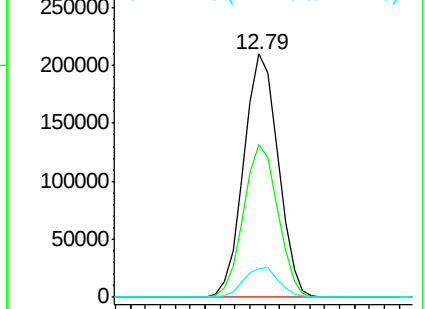
272 11.9 0.0 32.5



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: 140.942 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

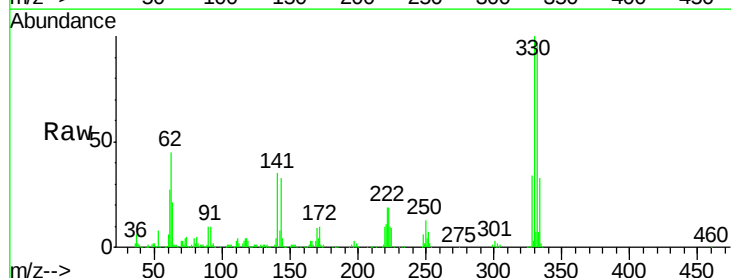
Tgt Ion:330 Resp: 420956

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

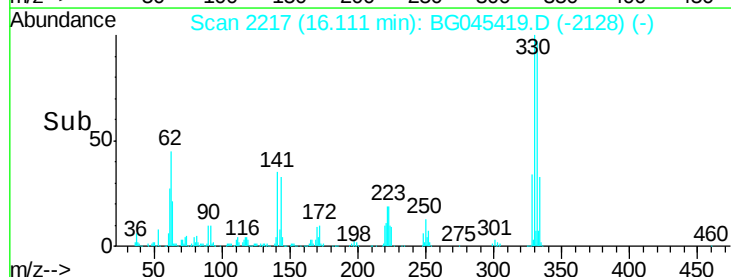
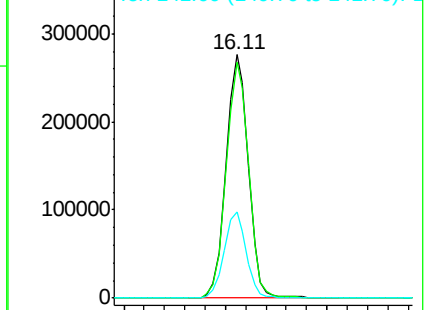
141 35.2 28.2 42.4

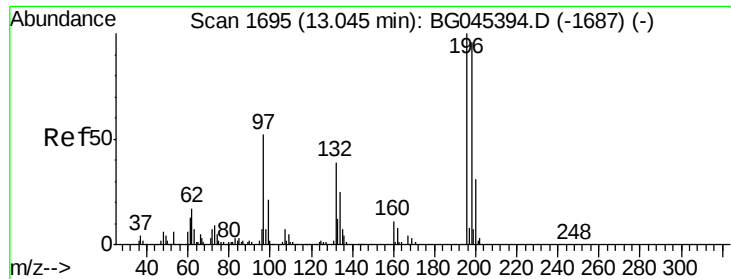


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

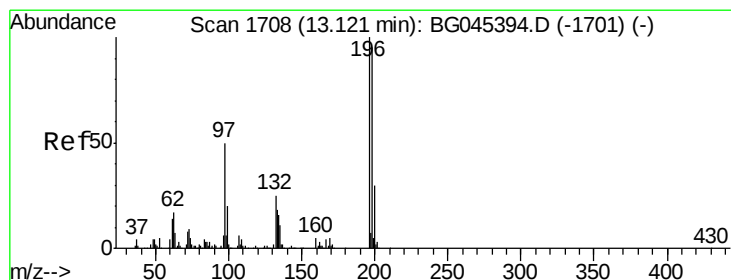
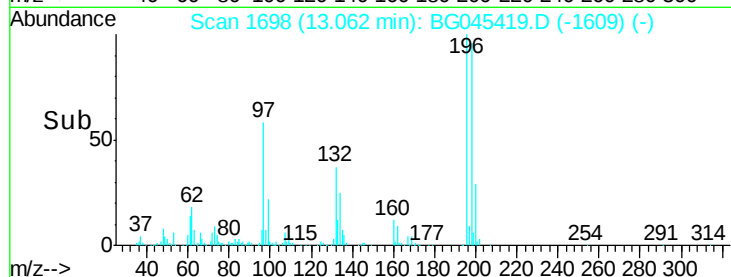
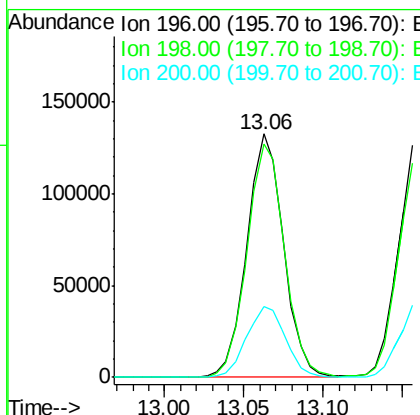
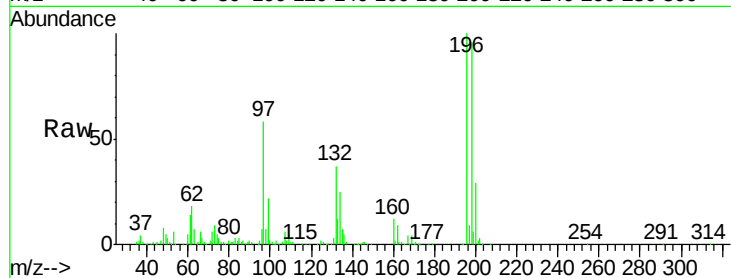




#43
2,4,6-Trichlorophenol
Concen: 47.097 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

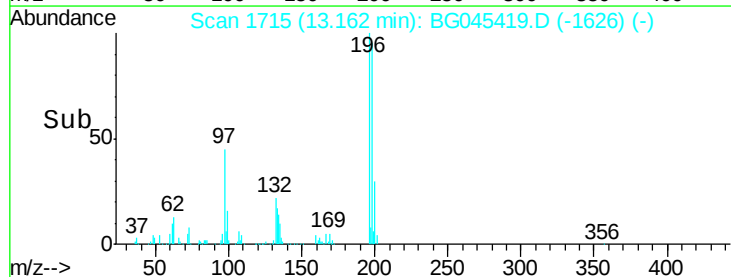
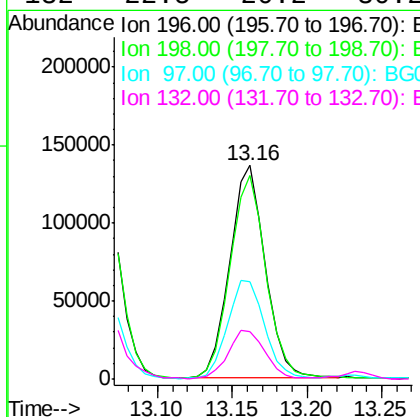
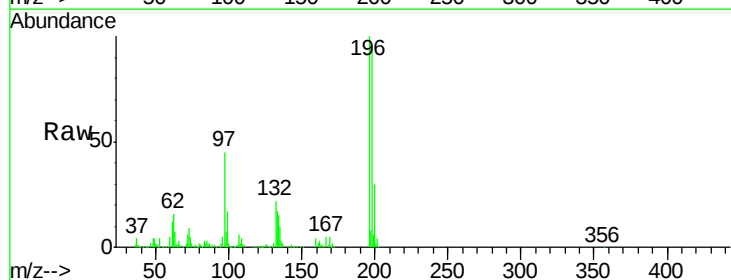
Instrument :
BNA_G
ClientSampleId :

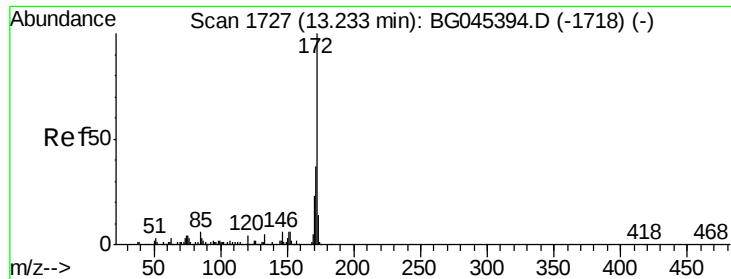
Tot Ion:196 Resp: 213414
Ion Ratio Lower Upper
196 100
198 95.9 76.7 115.1
200 29.3 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 43.792 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion:196 Resp: 226763
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
97 45.4 40.0 60.0
132 22.5 20.2 30.2

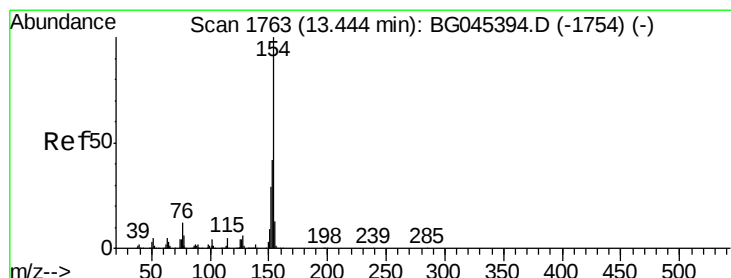
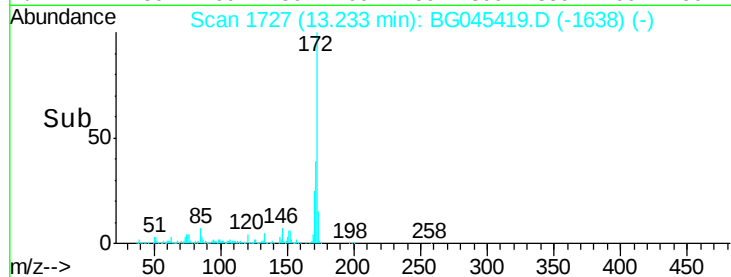
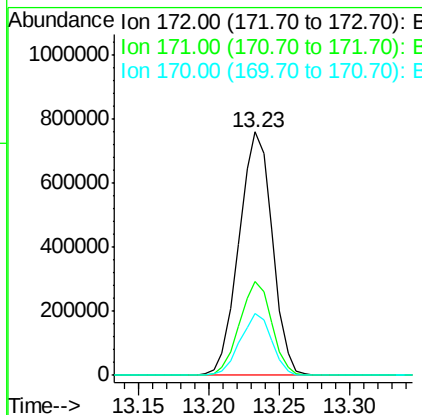
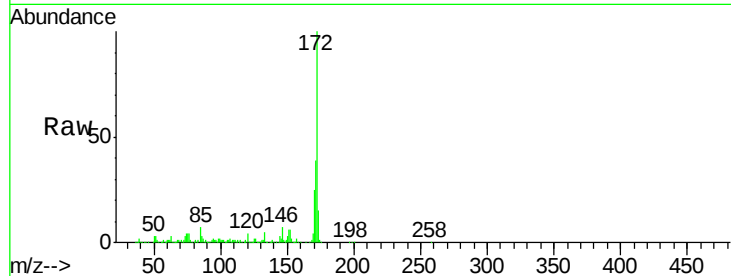




#45
2-Fluorobiphenyl
Concen: 90.727 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

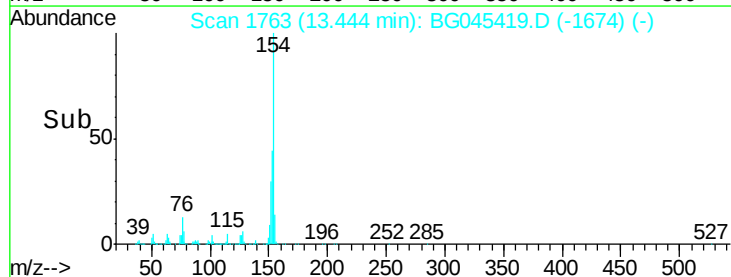
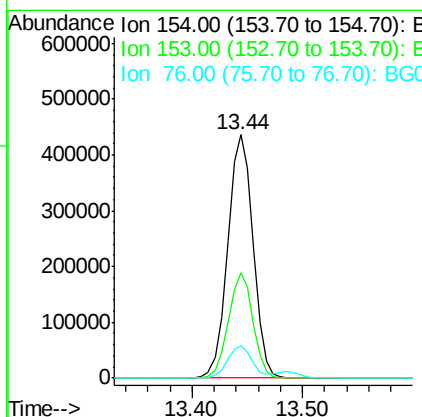
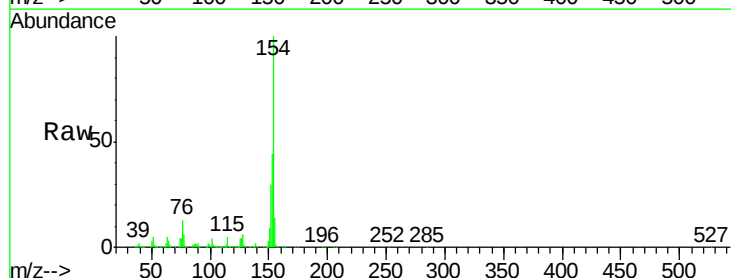
Instrument :
BNA_G
ClientSampled :

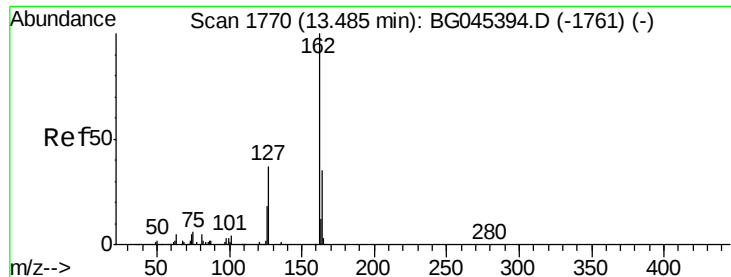
Tot Ion:172 Resp: 1249166
Ion Ratio Lower Upper
172 100
171 38.7 29.5 44.3
170 25.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 48.633 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion:154 Resp: 697887
Ion Ratio Lower Upper
154 100
153 43.5 22.2 62.2
76 13.3 0.0 32.4

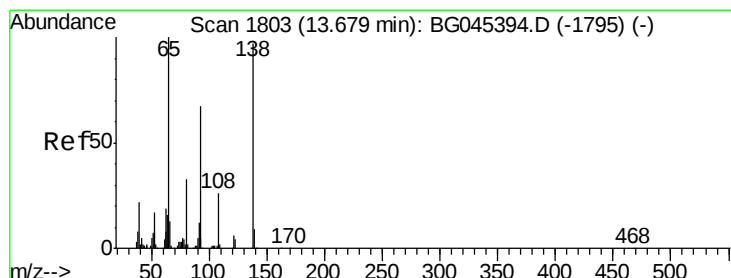
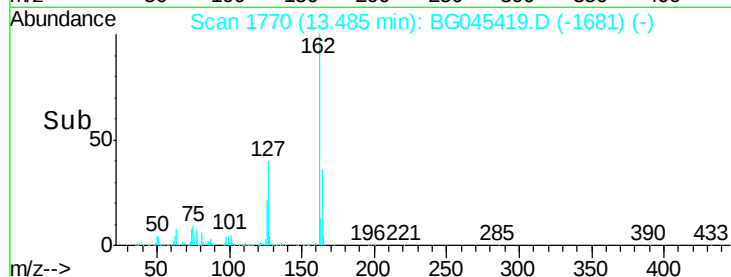
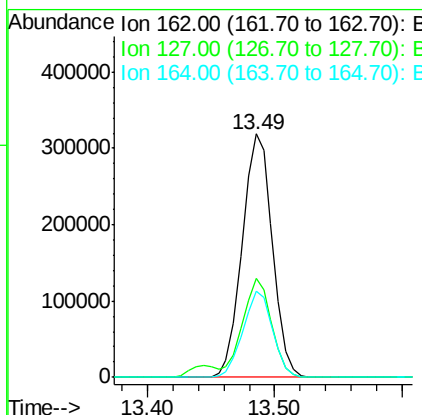
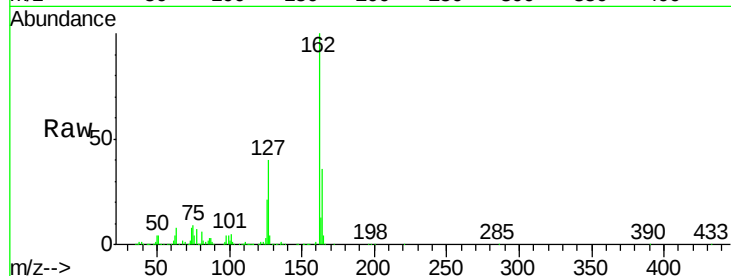




#47
 2-Chloronaphthalene
 Concen: 45.130 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

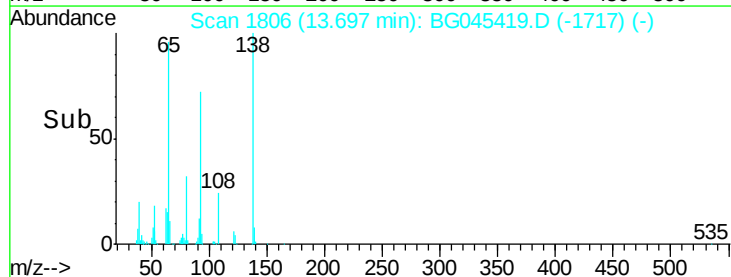
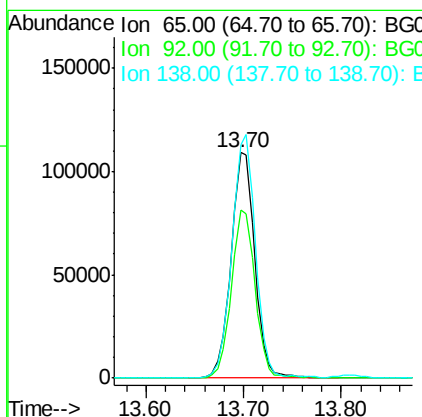
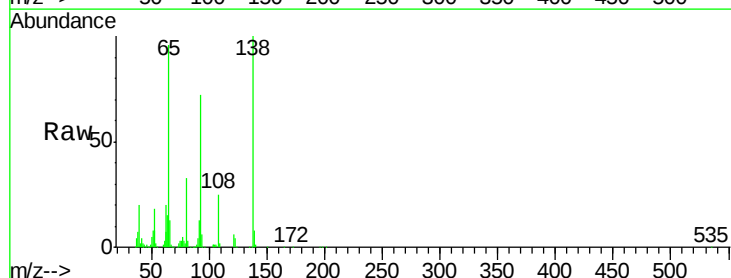
Instrument :
 BNA_G
 ClientSampleId :

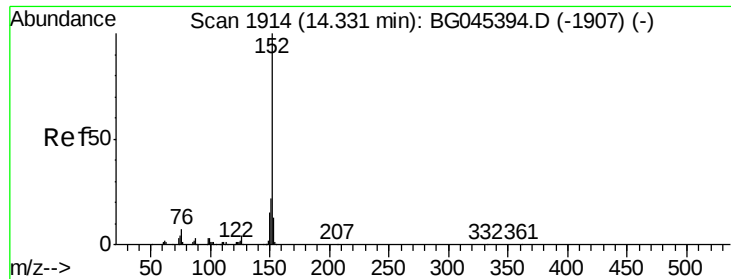
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.6	47.4
164	35.6	28.1	42.1



#48
 2-Nitroaniline
 Concen: 48.127 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	53.8	80.8
138	103.6	77.9	116.9





#49

Acenaphthylene

Concen: 47.929 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

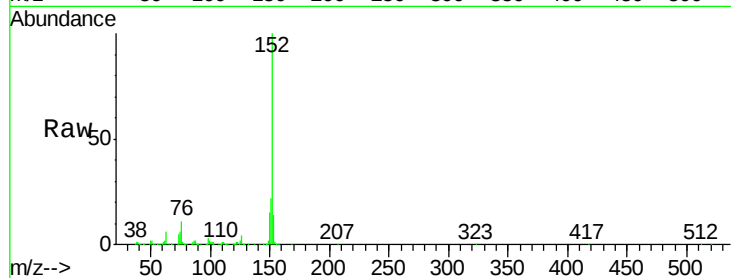
Tot Ion:152 Resp: 897106

Ion Ratio Lower Upper

152 100

151 22.1 17.4 26.2

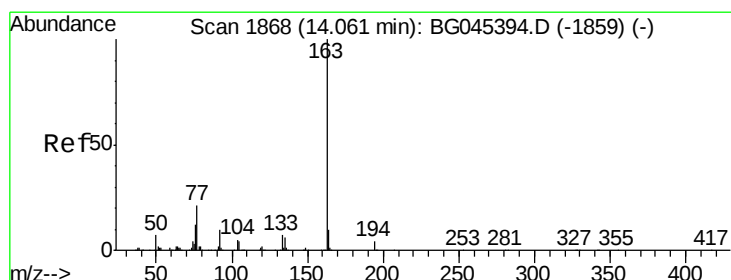
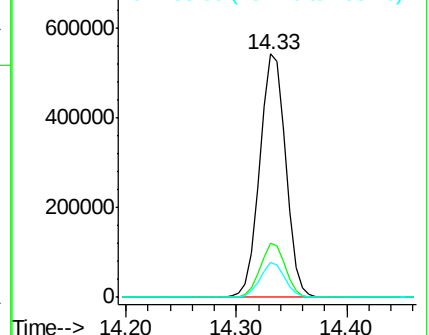
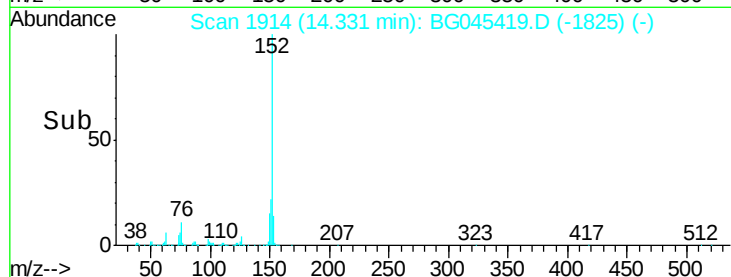
153 14.5 10.7 16.1



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: 52.797 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

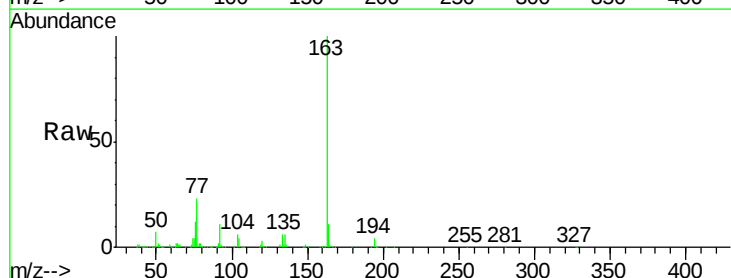
Tgt Ion:163 Resp: 845854

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

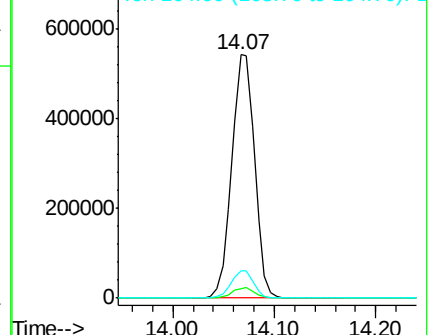
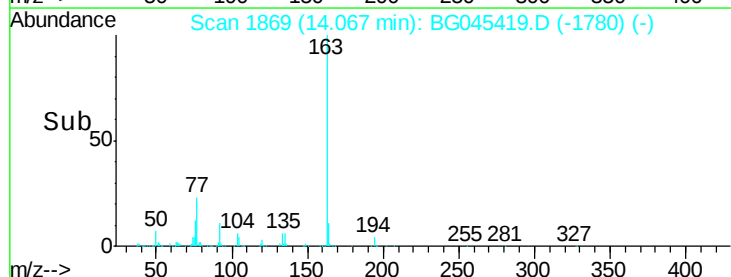
164 11.2 8.3 12.5

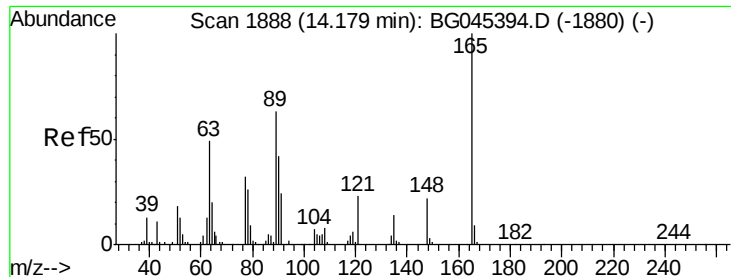


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

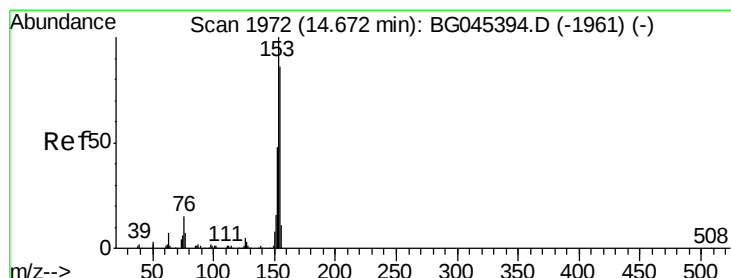
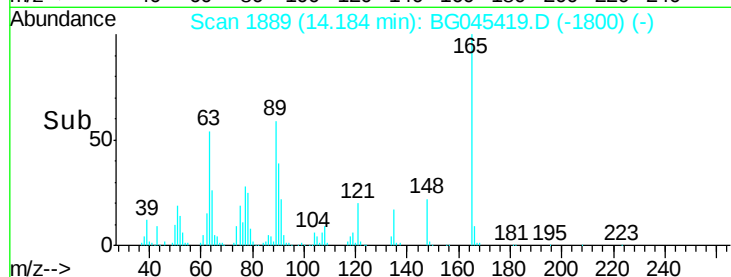
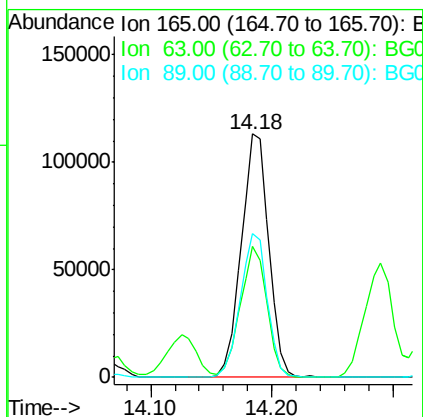
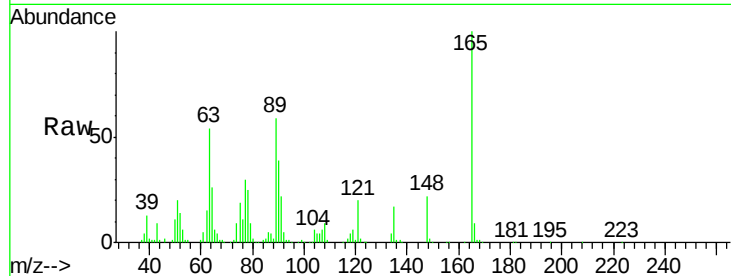




#51
 2,6-Dinitrotoluene
 Concen: 49.631 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

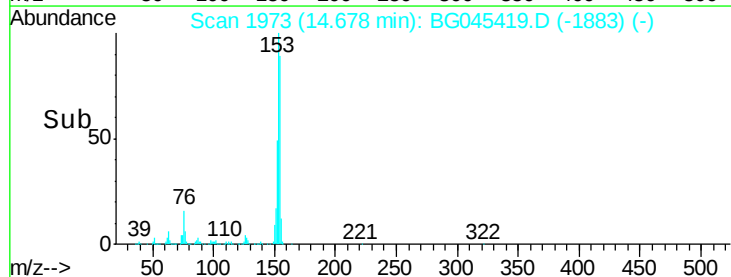
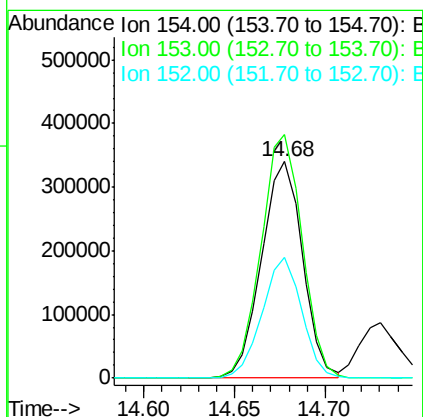
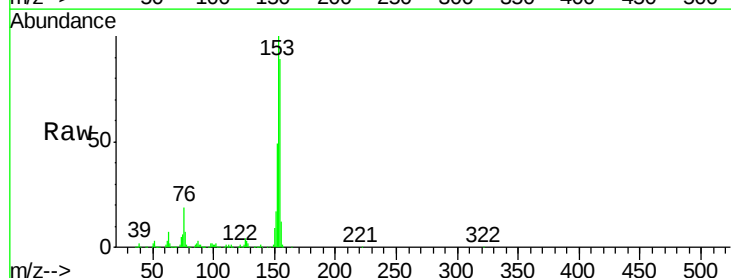
Instrument :
 BNA_G
 ClientSampleId :

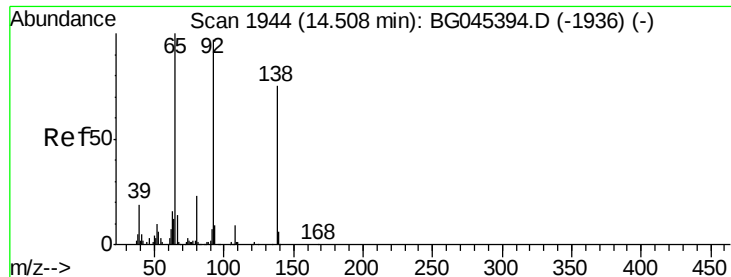
Tot Ion:165 Resp: 179421
 Ion Ratio Lower Upper
 165 100
 63 53.9 45.0 67.4
 89 59.1 50.2 75.4



#52
 Acenaphthene
 Concen: 42.507 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion:154 Resp: 532568
 Ion Ratio Lower Upper
 154 100
 153 112.6 92.8 139.2
 152 55.6 44.6 66.8





#53

3-Nitroaniline

Concen: 29.008 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

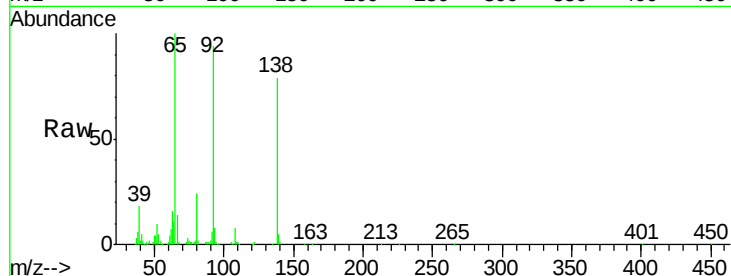
Tot Ion:138 Resp: 106601

Ion Ratio Lower Upper

138 100

108 10.5 9.8 14.6

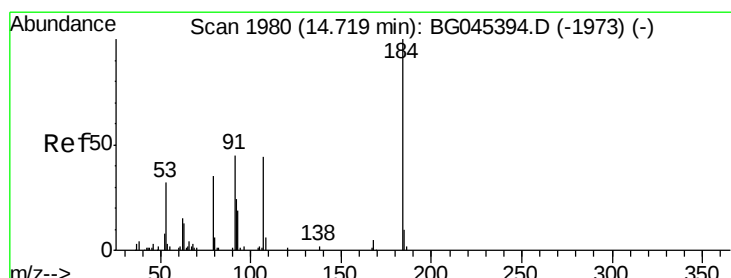
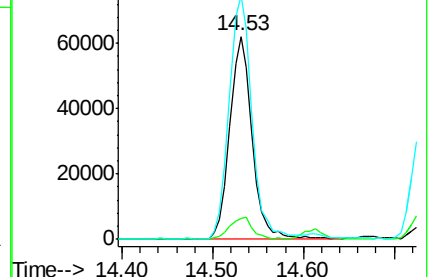
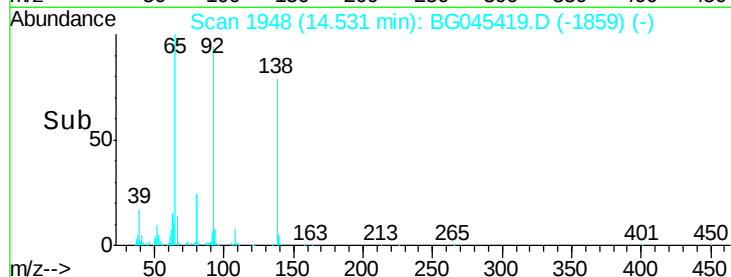
92 119.8 103.0 154.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 89.907 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

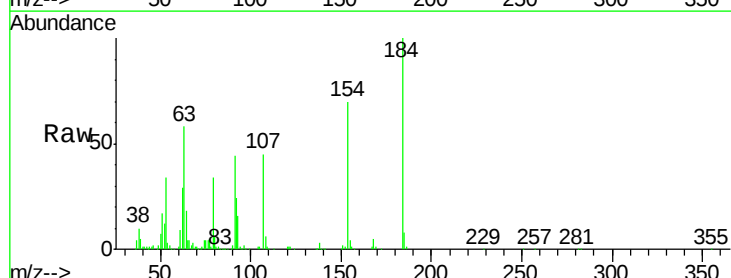
Tgt Ion:184 Resp: 214630

Ion Ratio Lower Upper

184 100

63 57.8 47.8 71.6

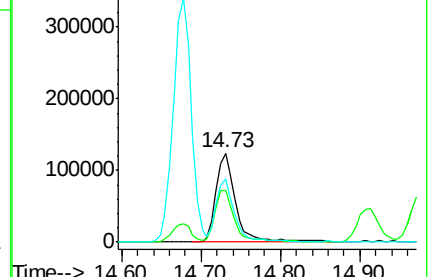
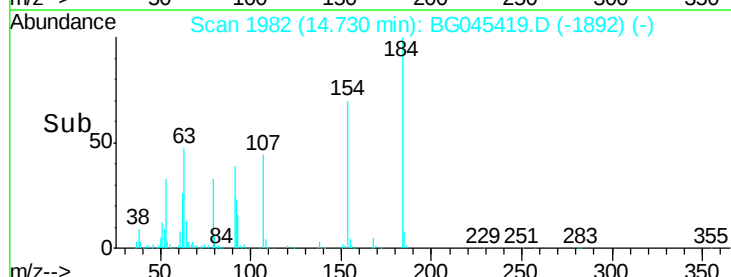
154 70.2 58.3 87.5

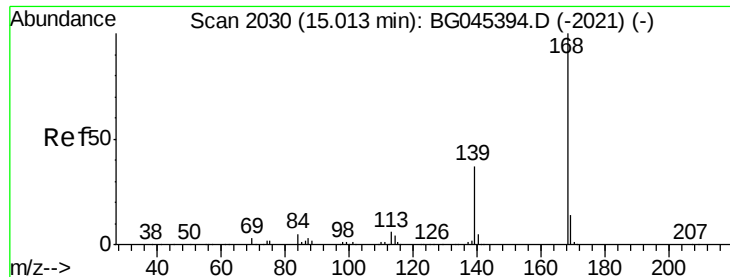


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

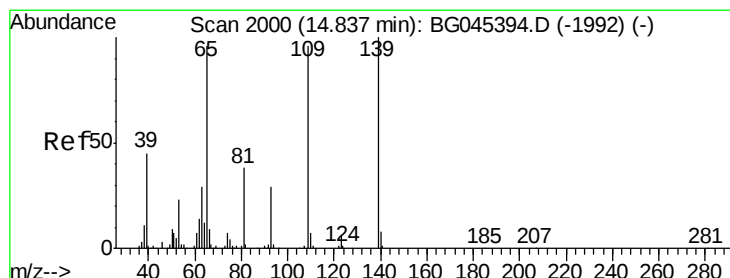
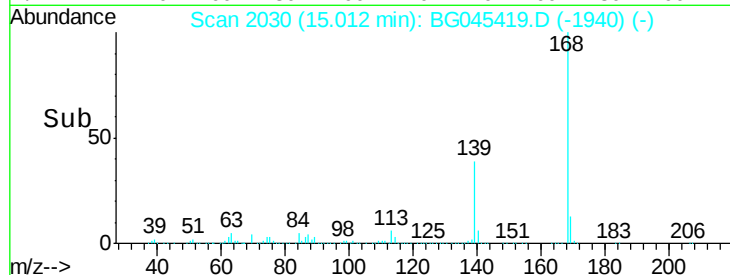
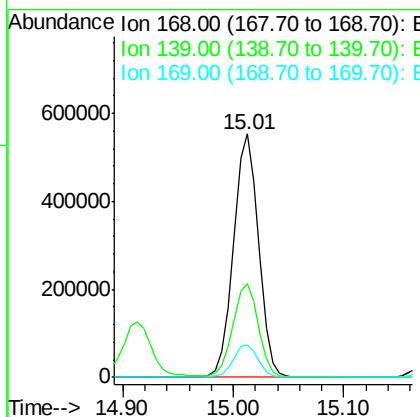
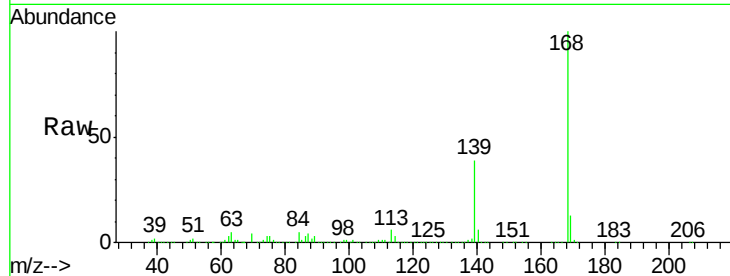




#55
Dibenzenofuran
Concen: 47.383 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

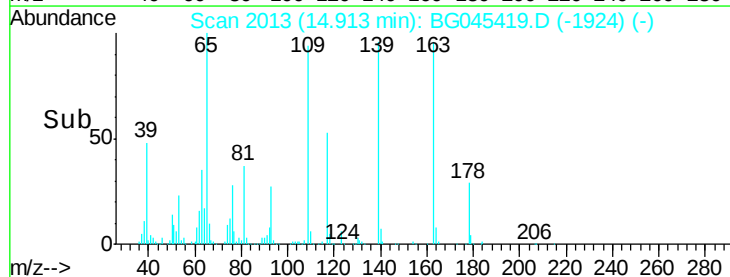
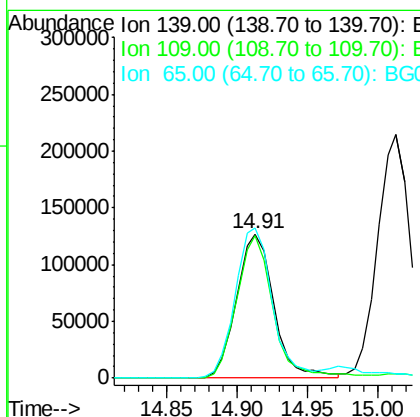
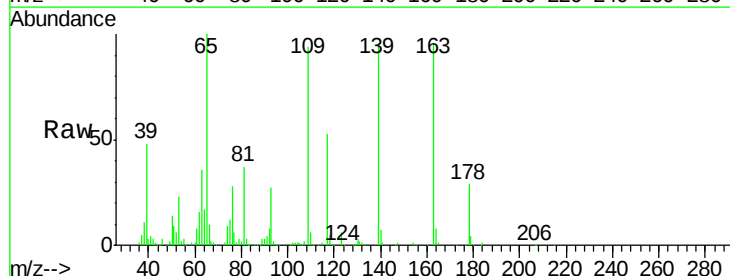
Instrument :
BNA_G
ClientSampleId :

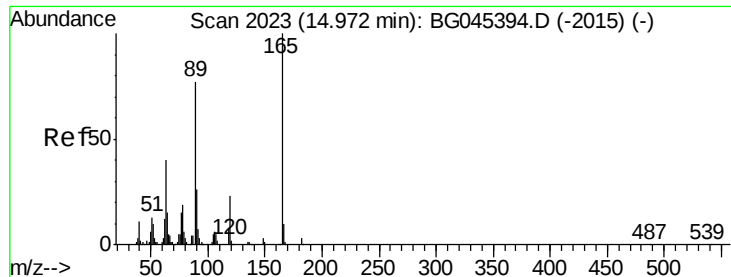
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	29.9	44.9
169	13.3	10.9	16.3



#56
4-Nitrophenol
Concen: 84.524 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.6	75.6	115.6
65	104.4	76.8	116.8

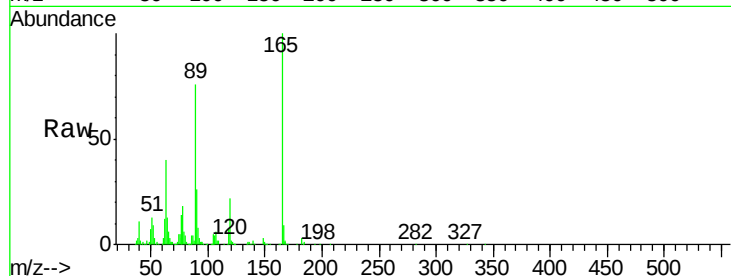




#57
 2,4-Dinitrotoluene
 Concen: 47.861 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	250583
Ion	Ratio	Lower Upper
165	100	
63	39.7	32.5 48.7
89	75.5	61.8 92.6
182	2.7	2.3 3.5

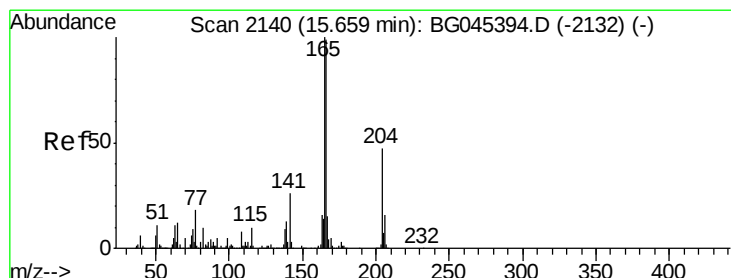
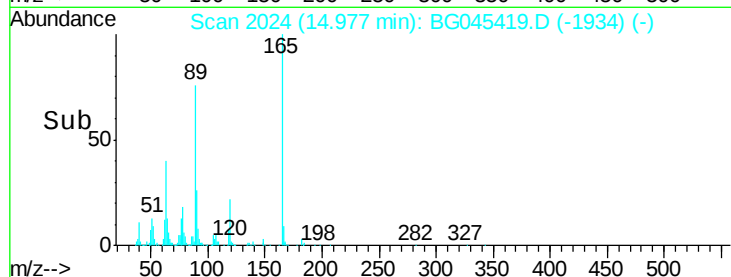
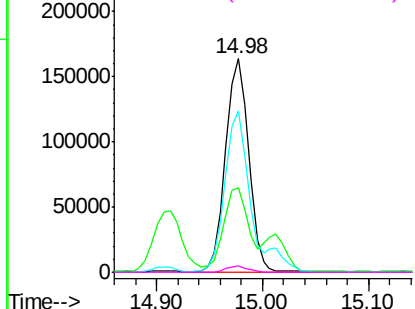


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

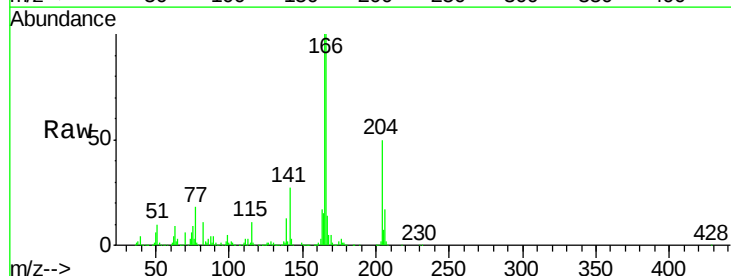
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.949 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

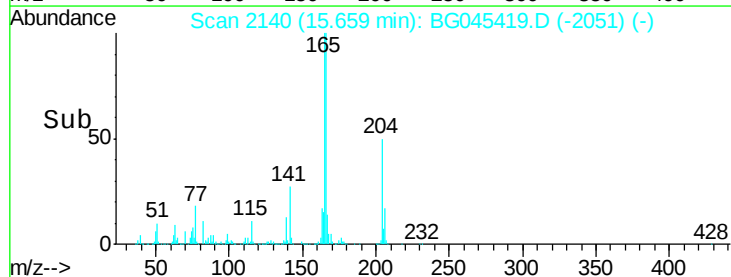
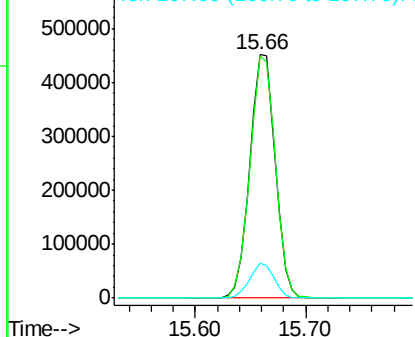
Tgt Ion:166	Resp:	732930
Ion	Ratio	Lower Upper
166	100	
165	99.7	80.8 121.2
167	14.4	12.0 18.0

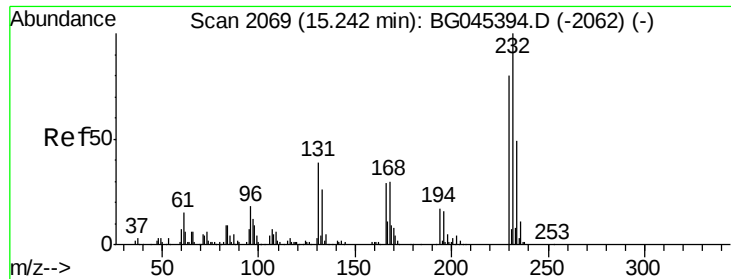


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

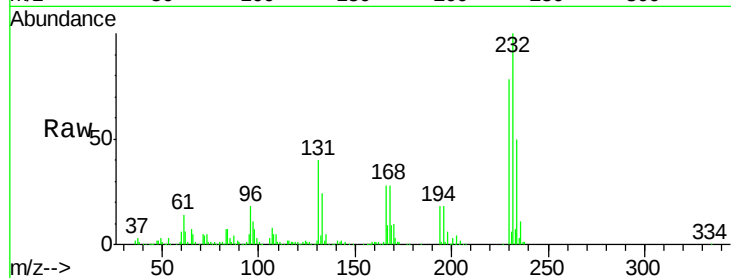




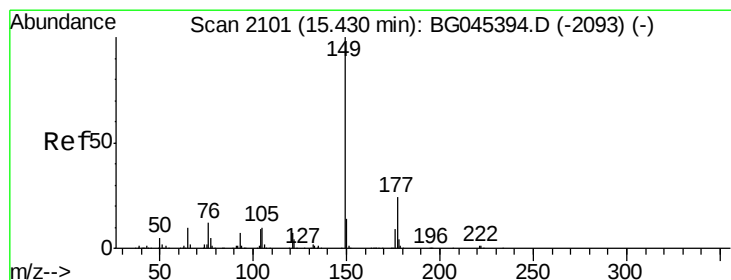
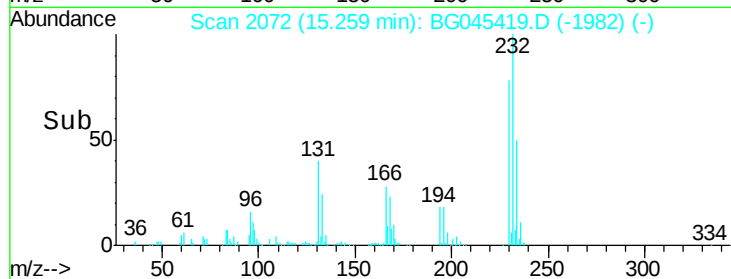
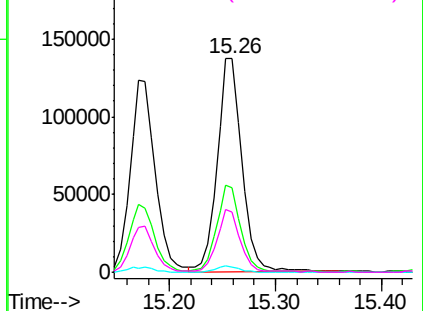
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.903 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	222787
Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.7	50.5
130	2.7	2.1	3.1
166	27.8	23.2	34.8

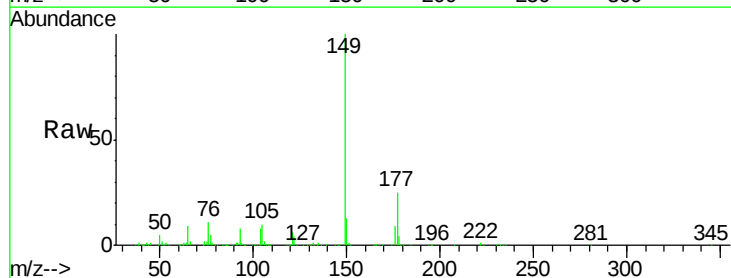


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

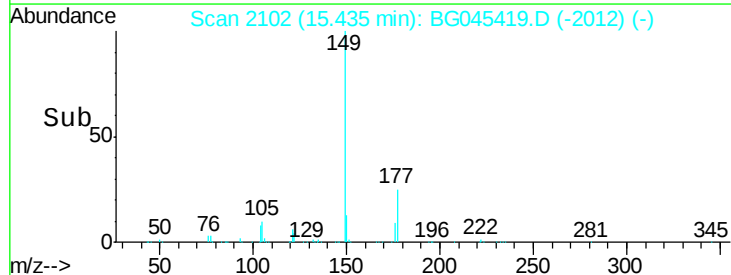
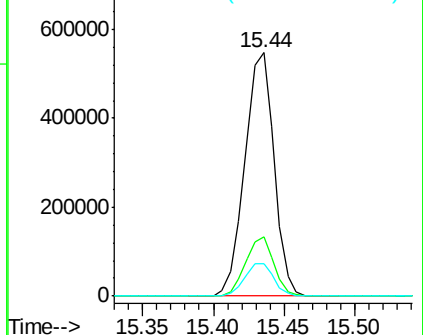


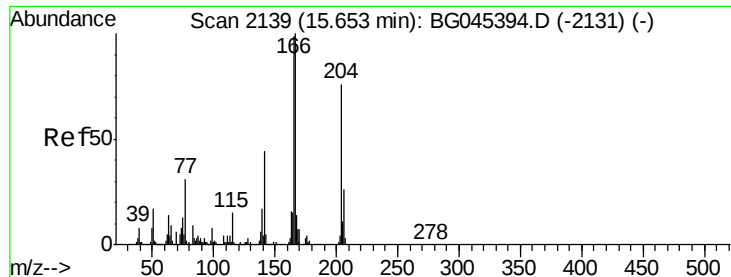
#60
 Diethylphthalate
 Concen: 47.688 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion:	149	Resp:	795187
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.0	28.4
150	13.1	11.4	17.0



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

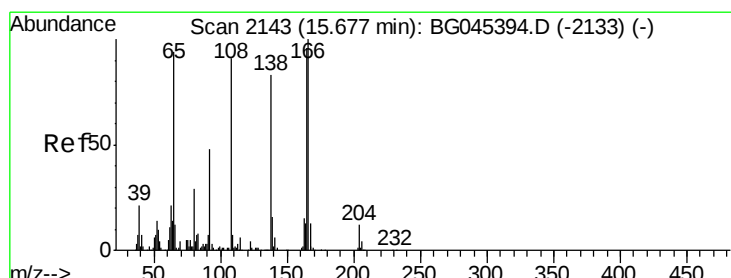
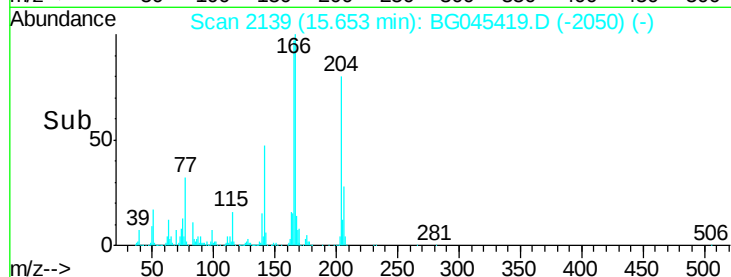
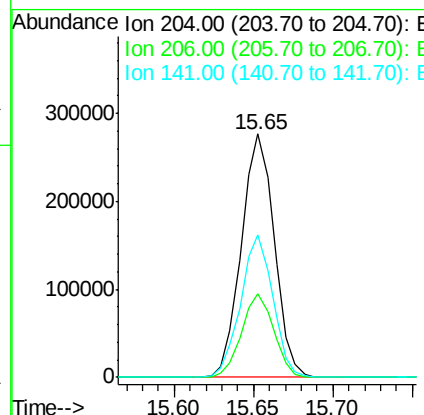
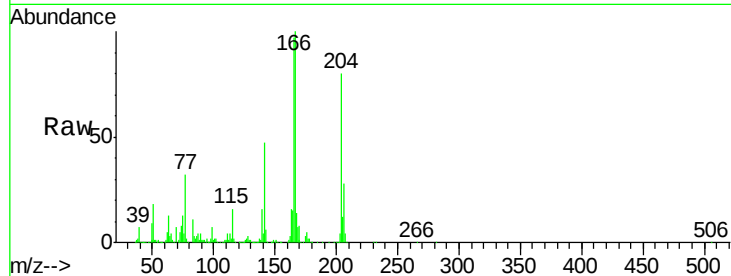




#61
4-Chlorophenyl-phenylether
Concen: 45.591 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

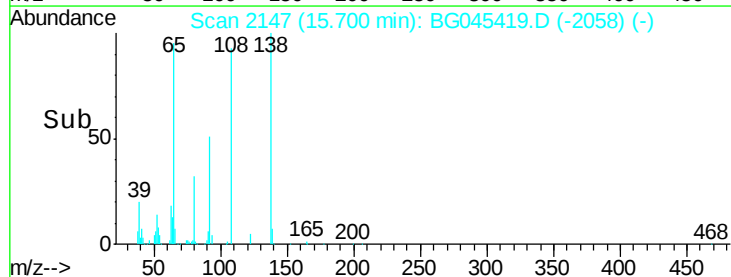
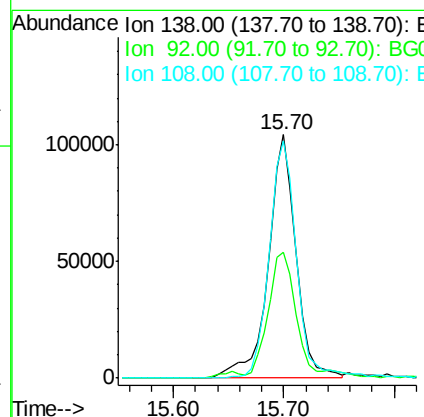
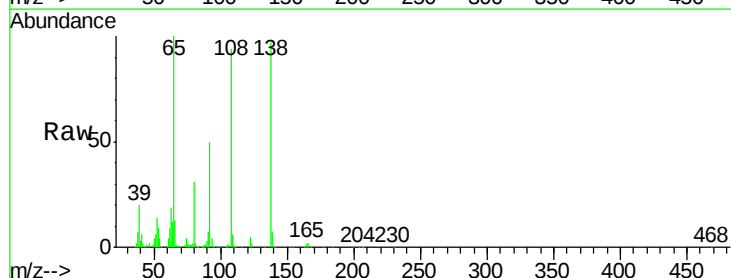
Instrument :
BNA_G
ClientSampleId :

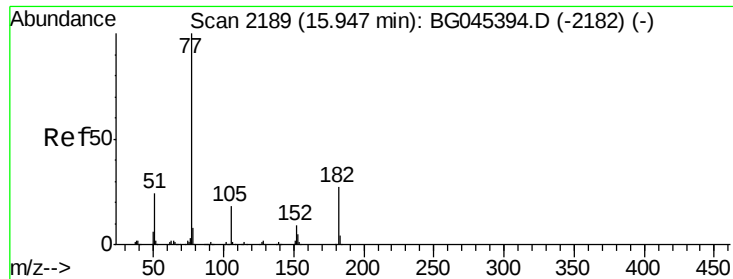
Tot Ion:204 Resp: 398784
Ion Ratio Lower Upper
204 100
206 34.5 27.3 40.9
141 58.8 45.9 68.9



#62
4-Nitroaniline
Concen: 47.678 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion:138 Resp: 182916
Ion Ratio Lower Upper
138 100
92 51.6 38.0 78.0
108 97.2 89.3 129.3

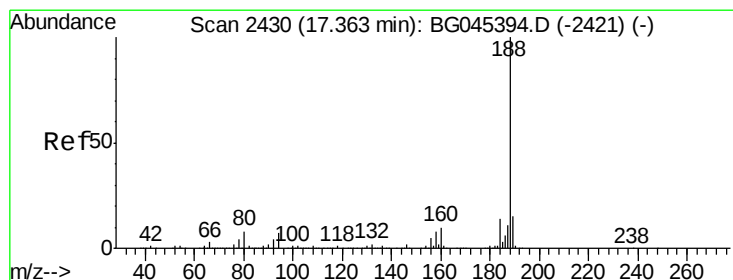
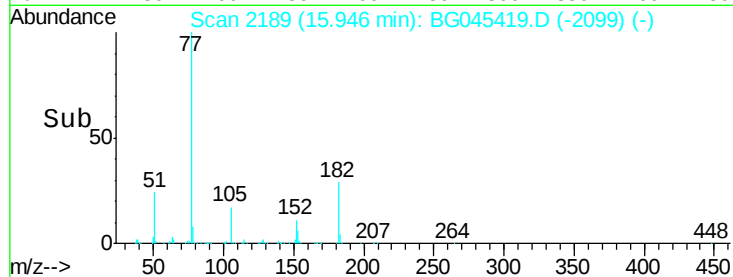
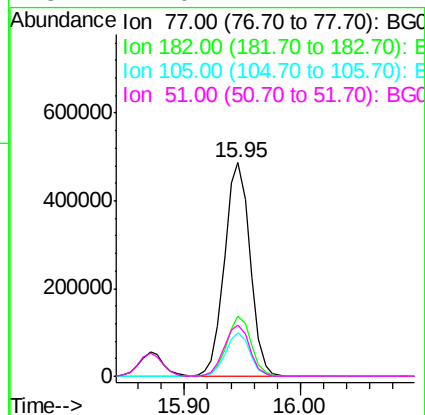
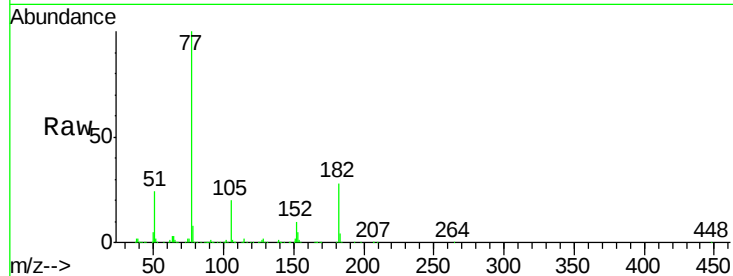




#63
Azobenzene
Concen: 47.813 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

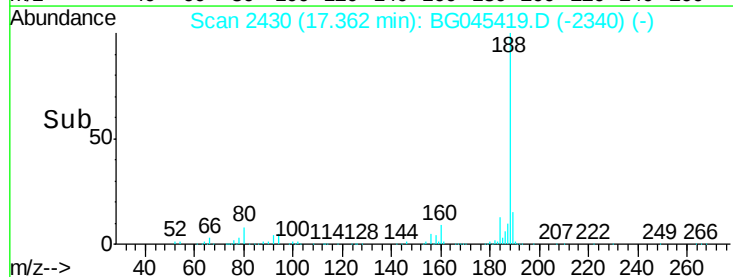
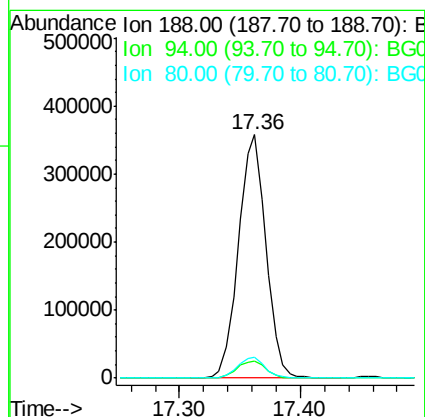
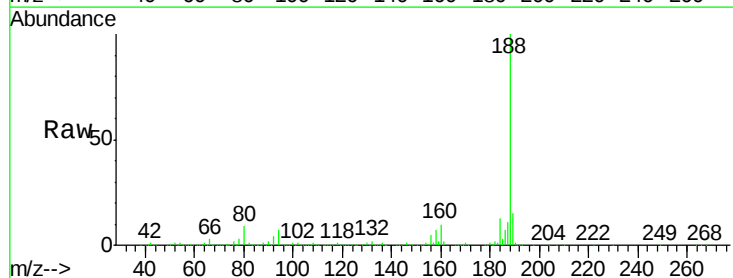
Instrument :
BNA_G
ClientSampleId :

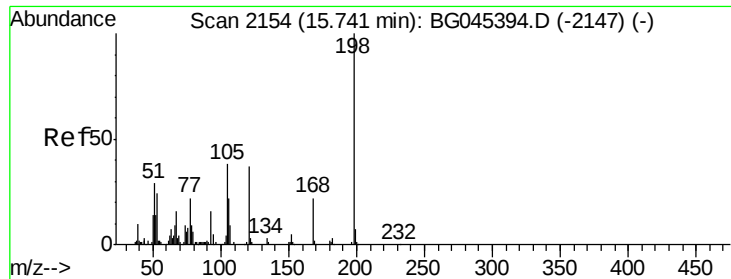
Tot Ion:	77	Resp:	743414
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.5	46.5
105	20.2	0.0	37.9
51	24.0	4.1	44.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion:	188	Resp:	567190
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	8.6	6.6	10.0

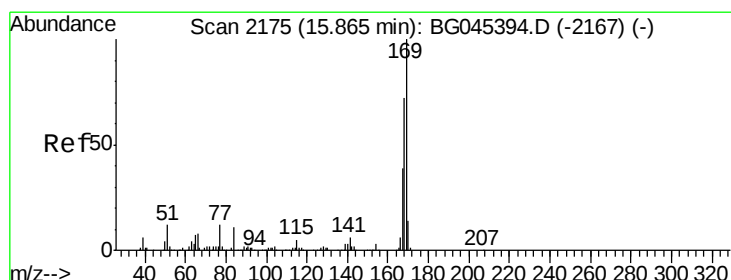
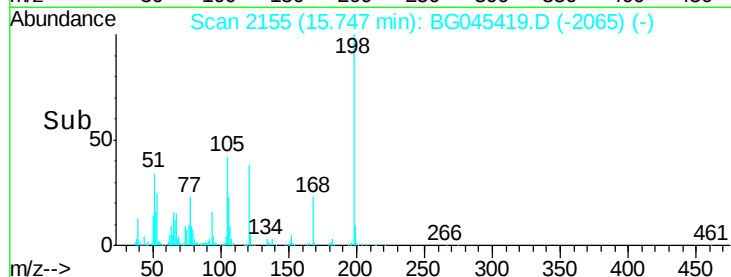
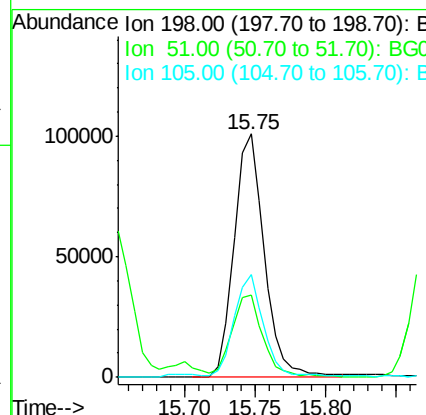
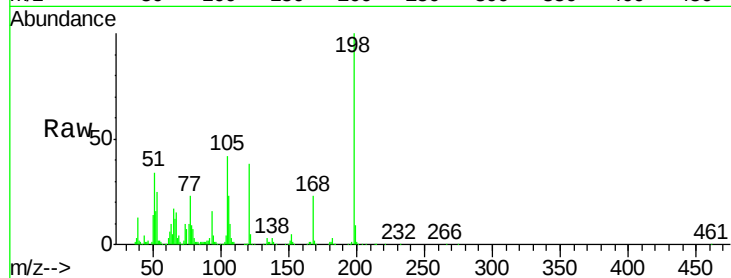




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.707 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

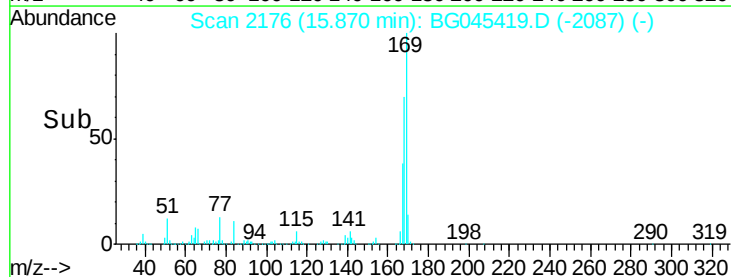
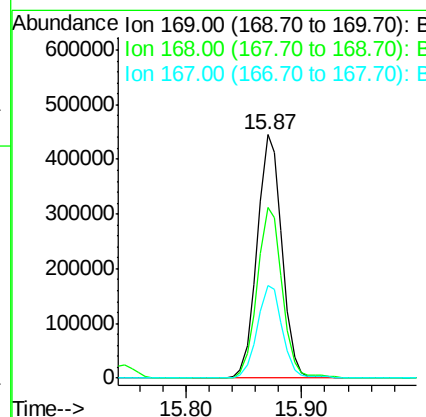
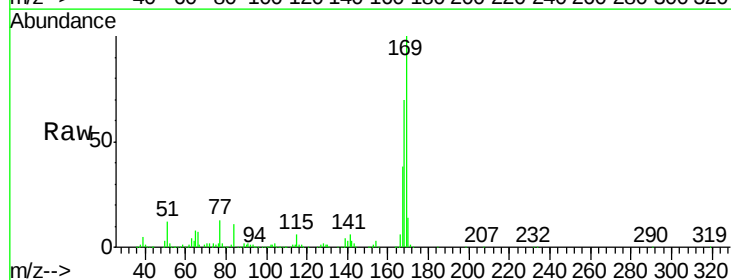
Instrument :
 BNA_G
 ClientSampled :

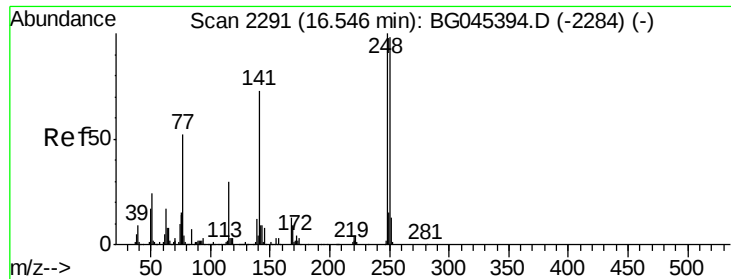
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.7	10.0	50.0
105	42.2	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 48.820 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	57.8	86.6
167	37.8	31.5	47.3

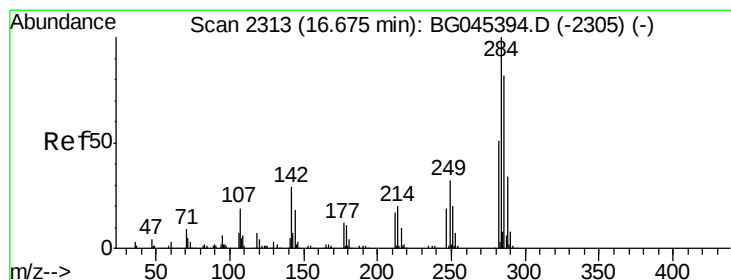
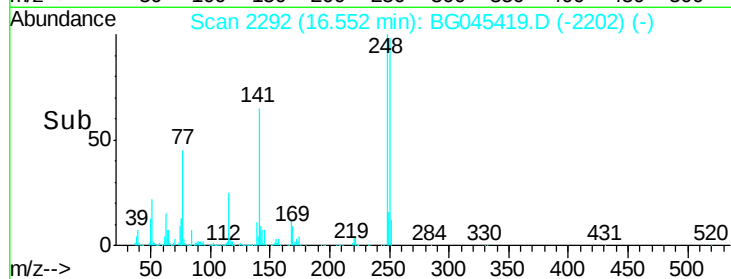
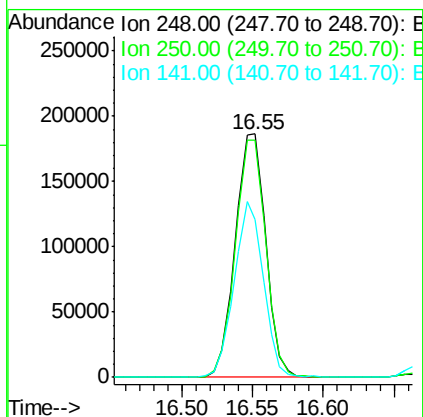
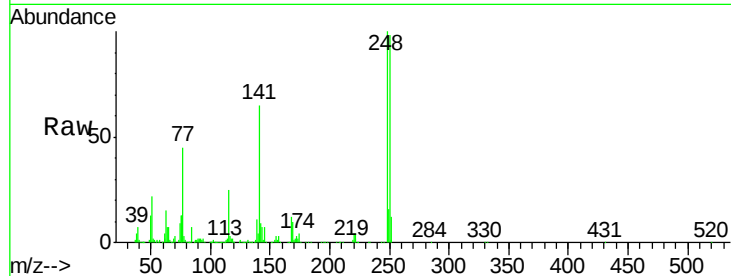




#67
4-Bromophenyl-phenylether
Concen: 45.791 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

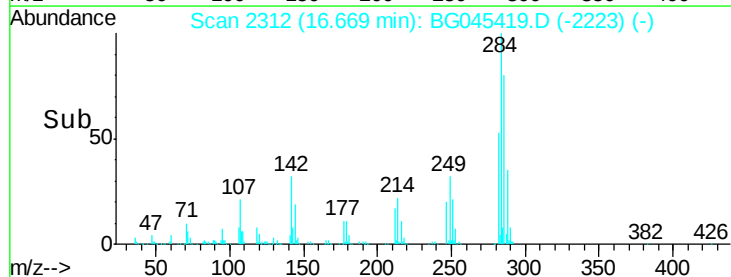
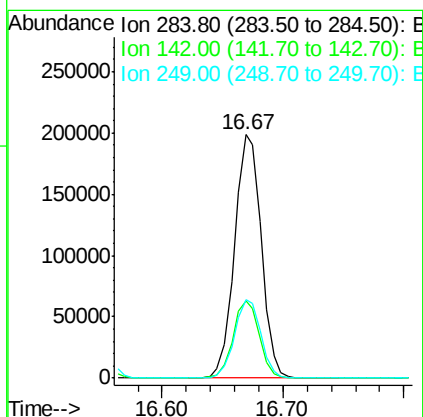
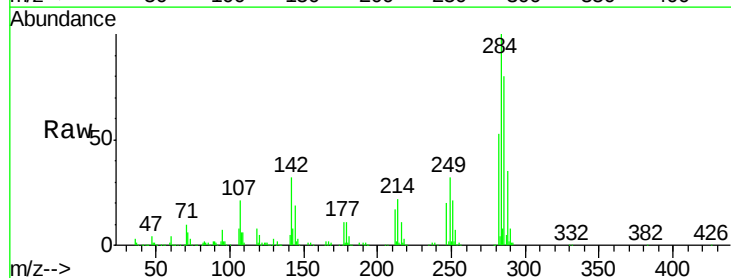
Instrument :
BNA_G
ClientSampleId :

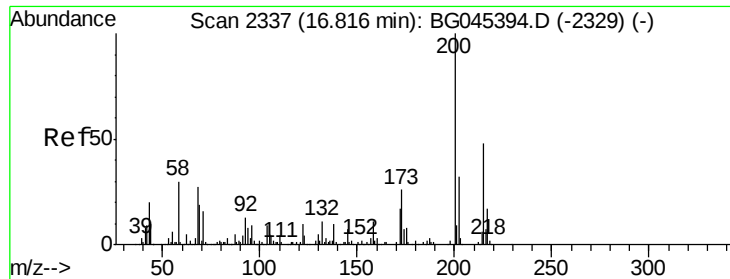
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.6	117.8
141	65.0	58.2	87.2



#68
Hexachlorobenzene
Concen: 47.521 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	23.0	34.6
249	32.4	25.8	38.6





#69

Atrazine

Concen: 46.392 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampled :

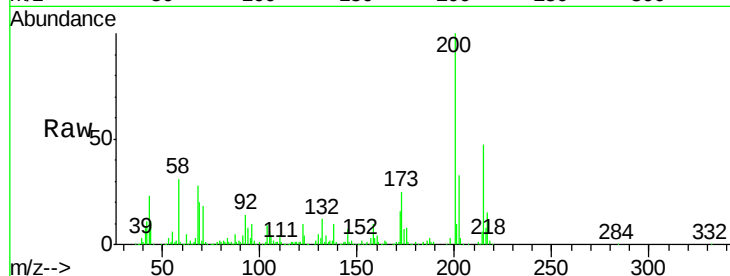
Tot Ion:200 Resp: 260219

Ion Ratio Lower Upper

200 100

173 25.3 5.5 45.5

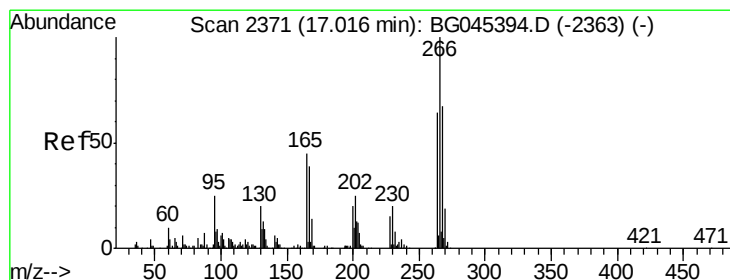
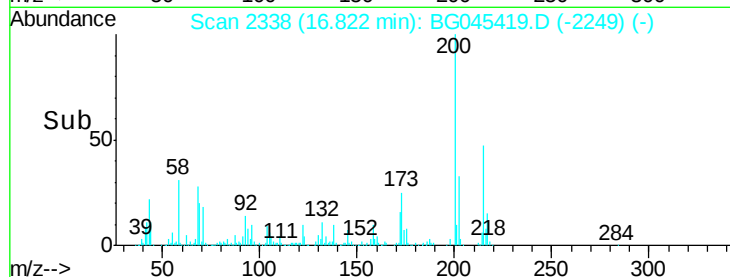
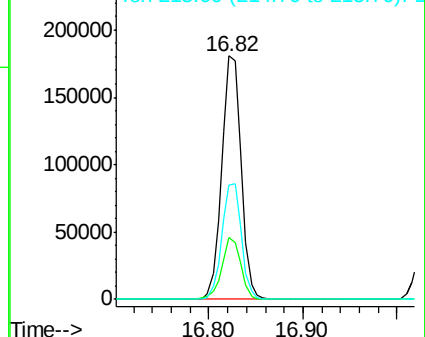
215 47.2 28.2 68.2



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: 88.848 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

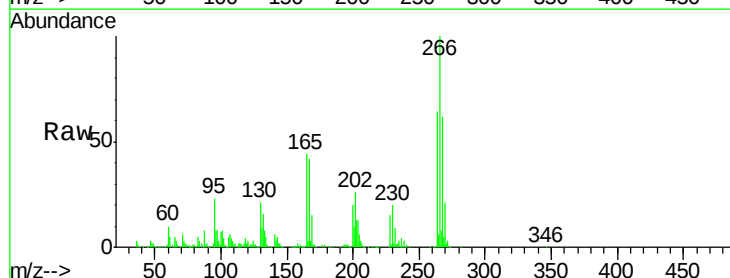
Tgt Ion:266 Resp: 296350

Ion Ratio Lower Upper

266 100

268 62.4 53.2 79.8

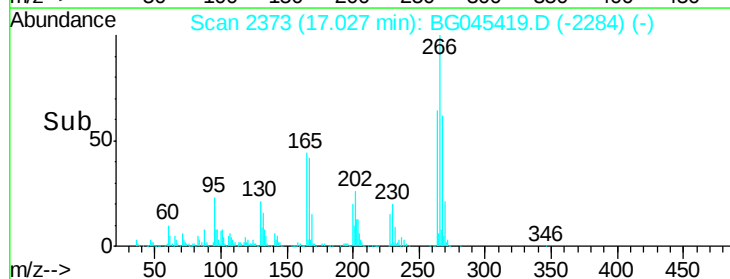
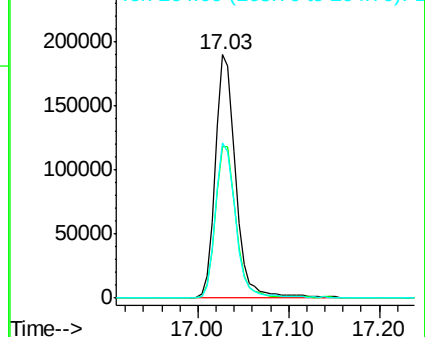
264 63.7 51.0 76.4

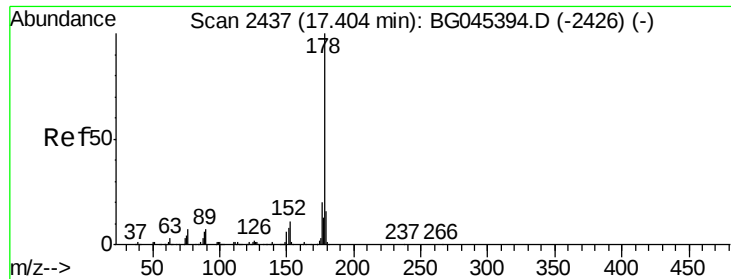


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

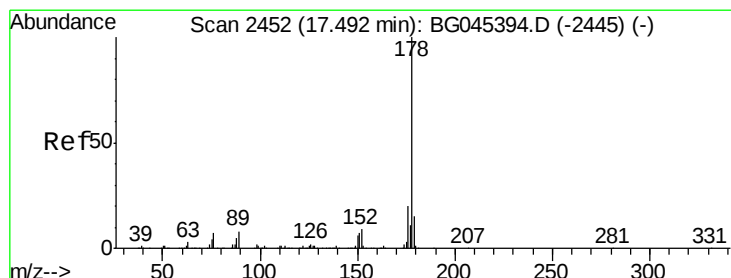
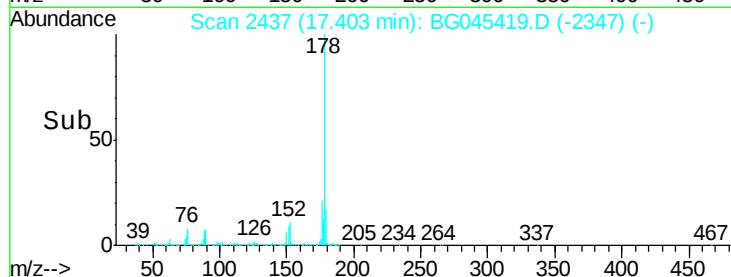
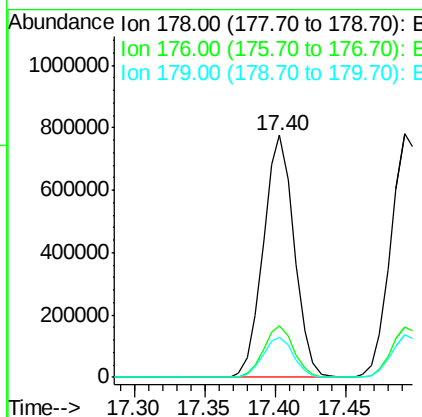
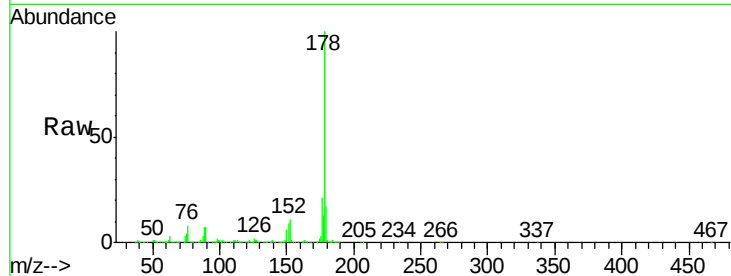




#71
Phenanthrene
Concen: 48.267 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

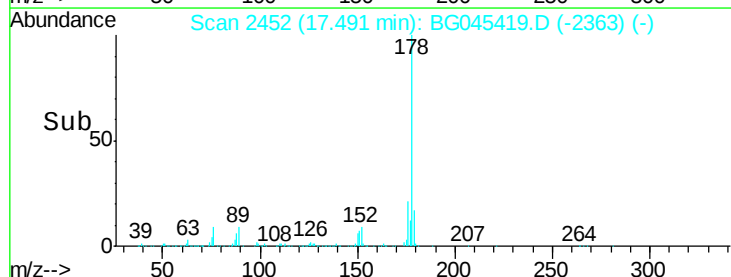
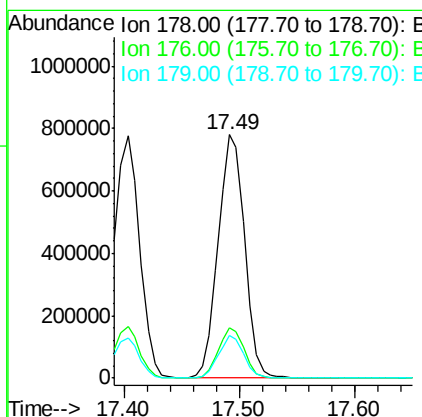
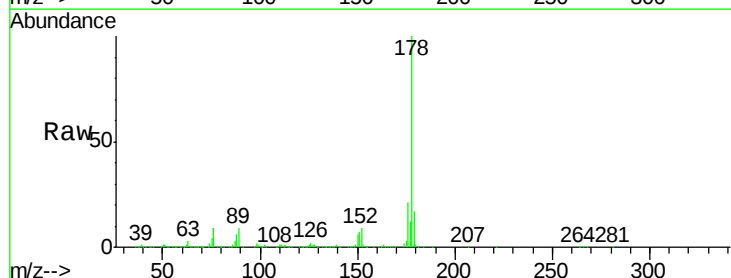
Instrument :
BNA_G
ClientSampled :

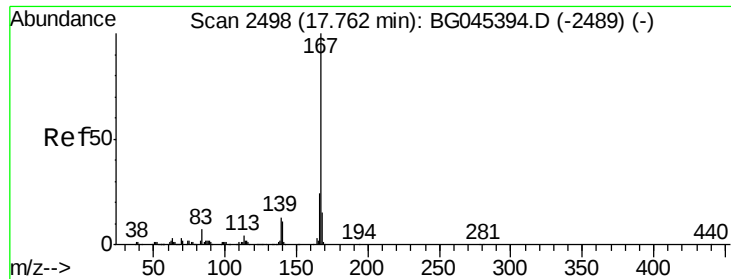
Tot Ion:178 Resp: 1195135
Ion Ratio Lower Upper
178 100
176 21.1 16.2 24.4
179 16.6 13.1 19.7



#72
Anthracene
Concen: 49.697 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion:178 Resp: 1235762
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 17.5 12.2 18.4

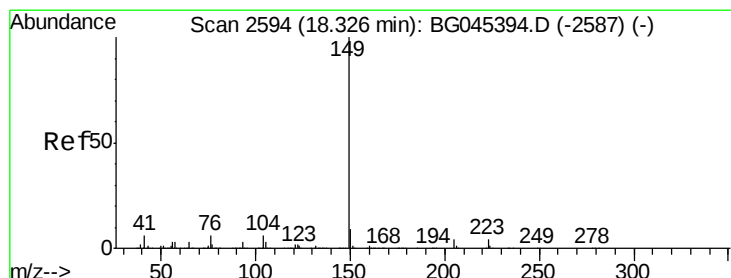
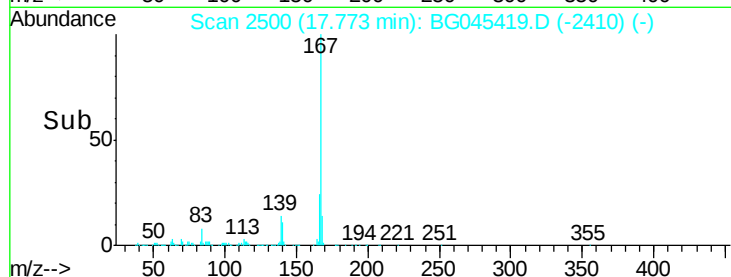
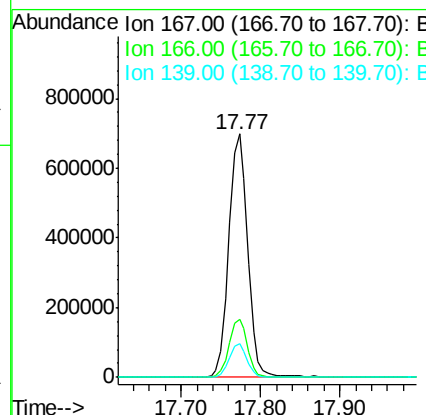
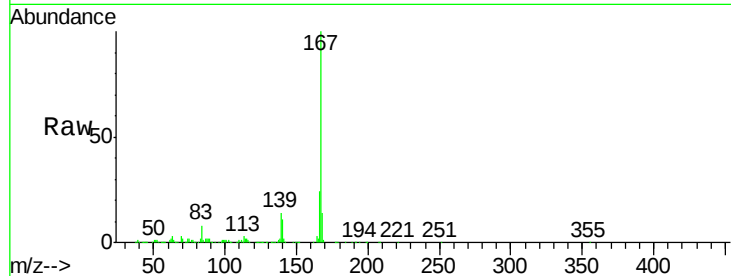




#73
 Carbazole
 Concen: 47.627 ng
 RT: 17.77 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

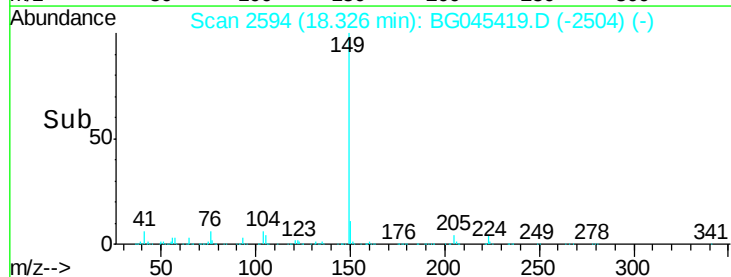
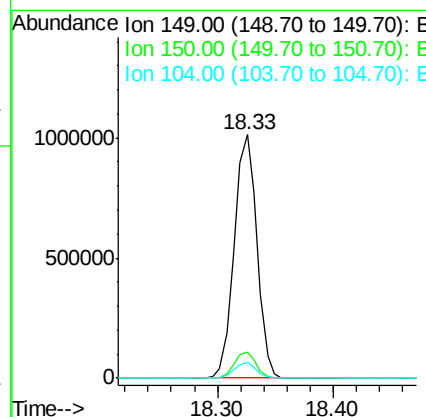
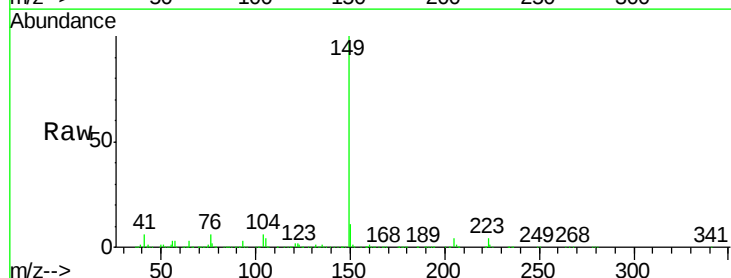
Instrument :
 BNA_G
 ClientSampled :

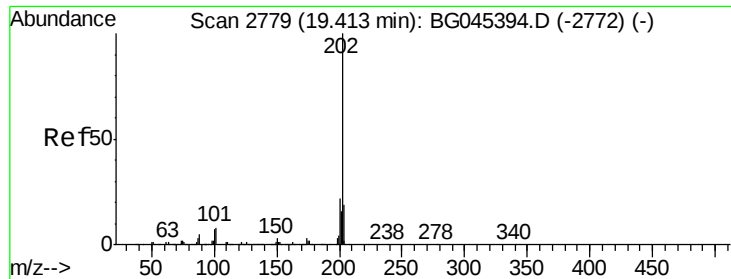
Tot Ion:167 Resp: 1154397
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.2 28.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.186 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion:149 Resp: 1372740
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.6 11.4
 104 6.3 5.0 7.4





#75

Fluoranthene

Concen: 47.081 ng

RT: 19.41 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

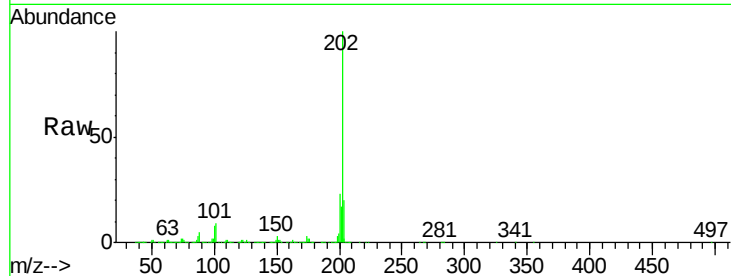
Tot Ion:202 Resp: 1482798

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.3
203	20.1	0.0	39.0

202 100

101 9.4 0.0 28.3

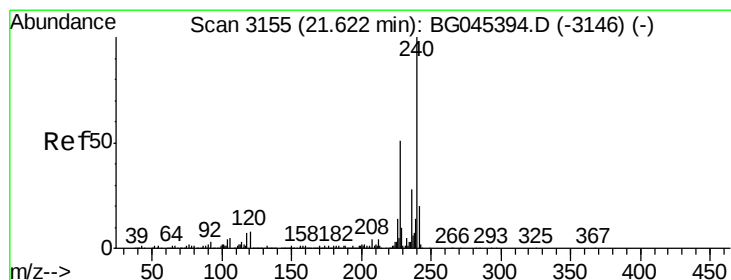
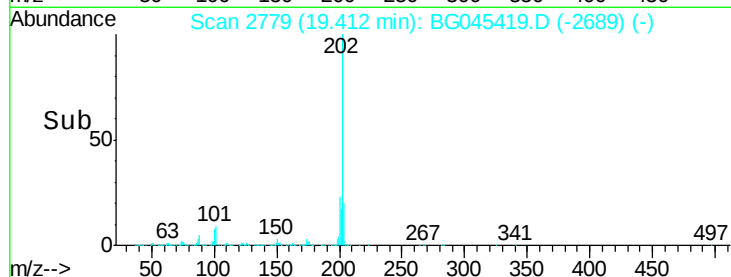
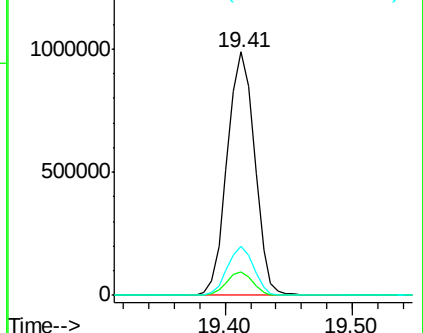
203 20.1 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

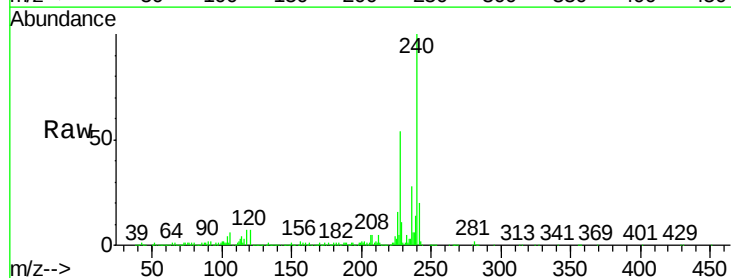
Tgt Ion:240 Resp: 514681

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.1	9.1
236	28.2	22.3	33.5

240 100

120 7.2 6.1 9.1

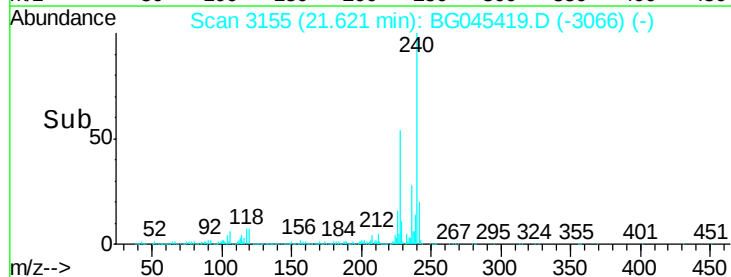
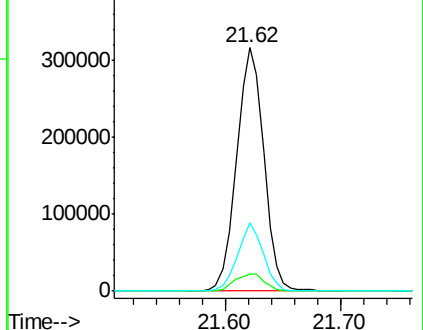
236 28.2 22.3 33.5

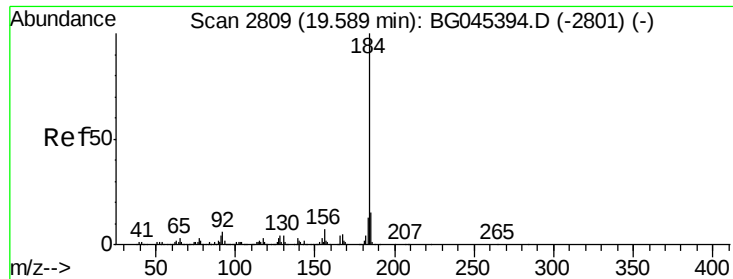


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.979 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

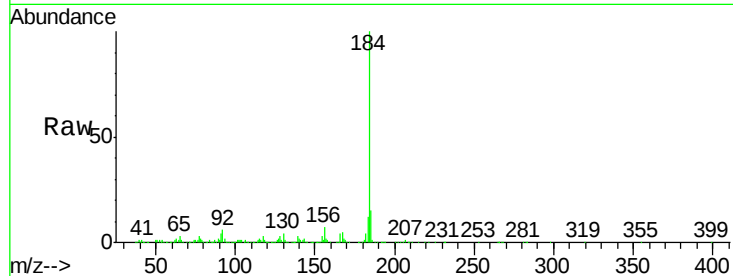
Tot Ion:184 Resp: 375533

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

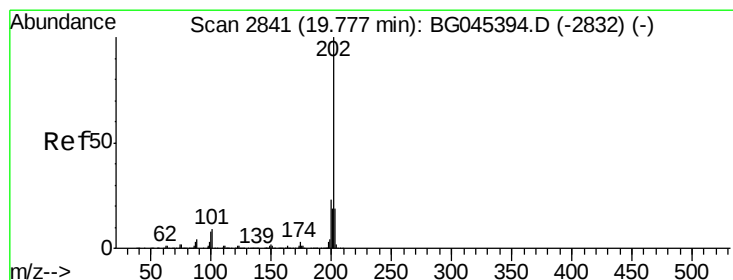
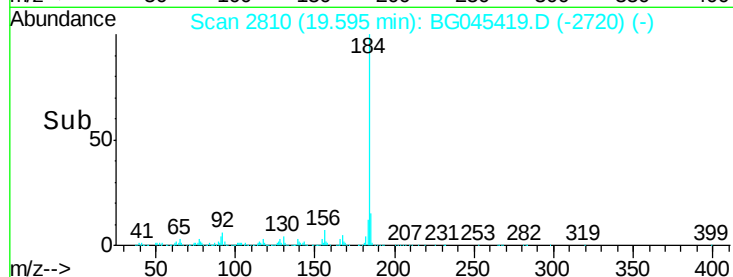
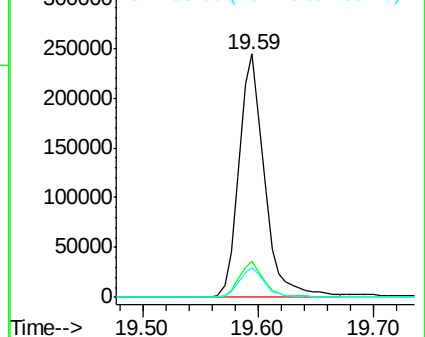
183 12.1 10.2 15.4



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: 50.653 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

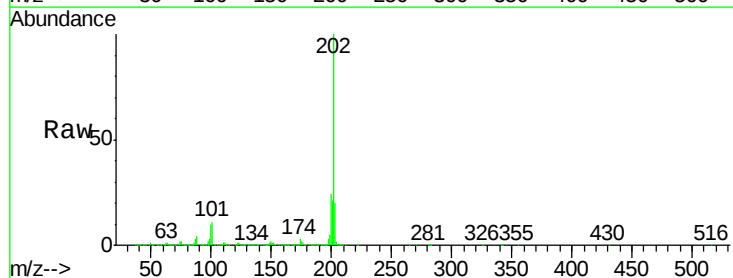
Tgt Ion:202 Resp: 1486098

Ion Ratio Lower Upper

202 100

200 24.0 18.2 27.2

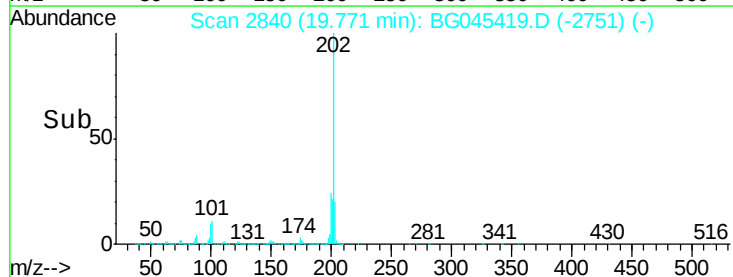
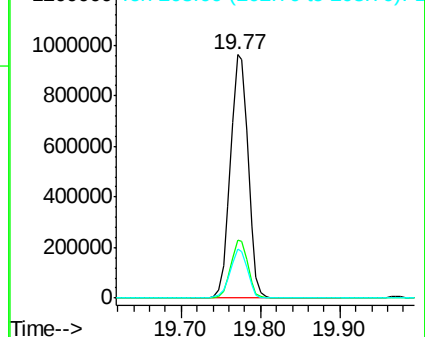
203 19.9 15.1 22.7

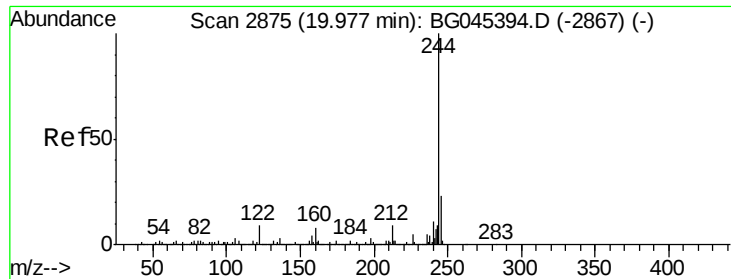


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.830 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

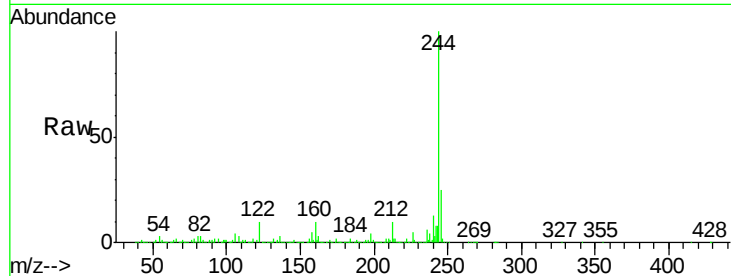
Tot Ion:244 Resp: 2180943

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

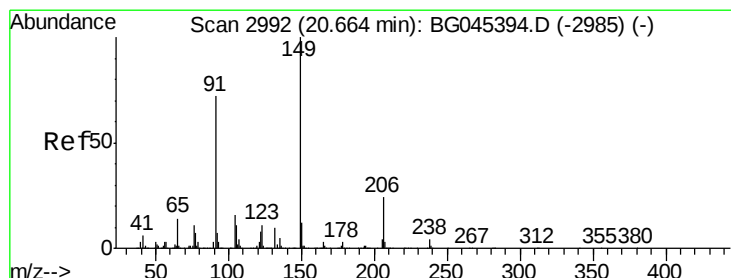
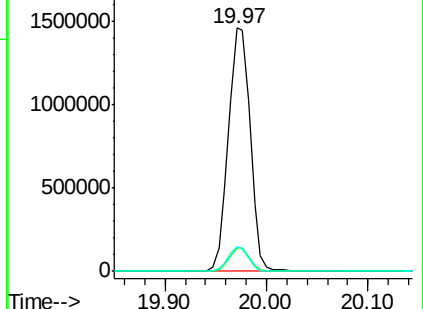
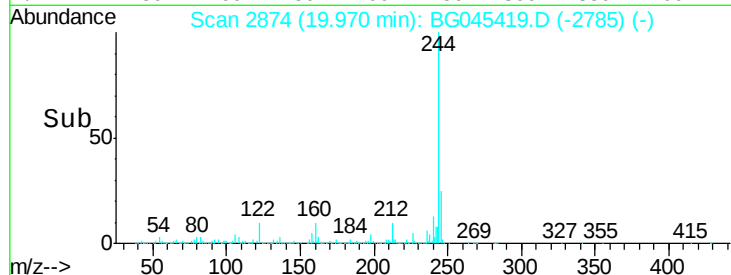
122 10.2 6.8 10.2#



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: 48.129 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

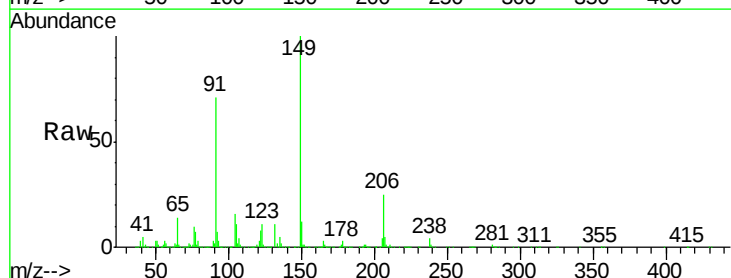
Tgt Ion:149 Resp: 609491

Ion Ratio Lower Upper

149 100

91 71.1 57.8 86.6

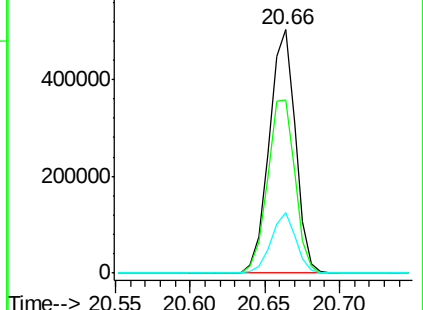
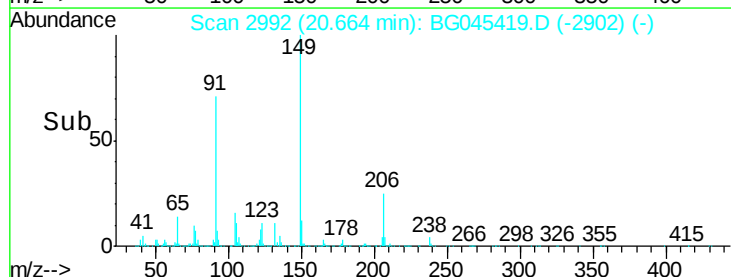
206 24.8 19.1 28.7

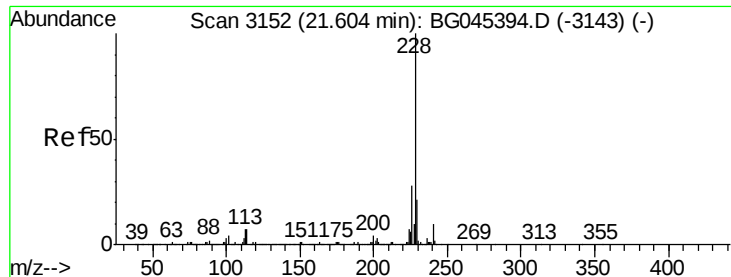


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.300 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

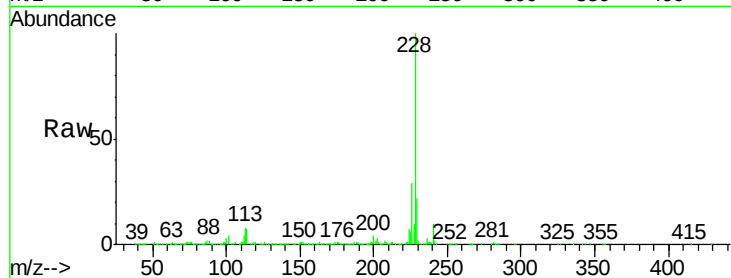
Tot Ion:228 Resp: 1384830

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	21.6	16.7	25.1

228 100

226 29.3 22.7 34.1

229 21.6 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

1000000

800000

600000

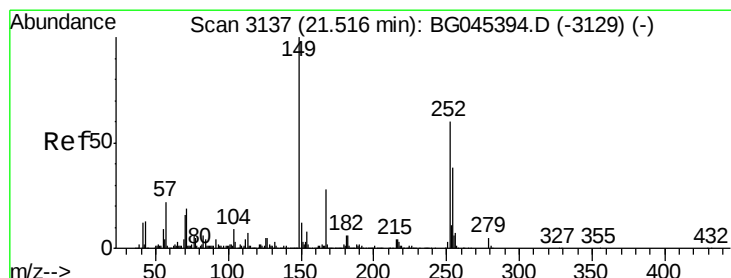
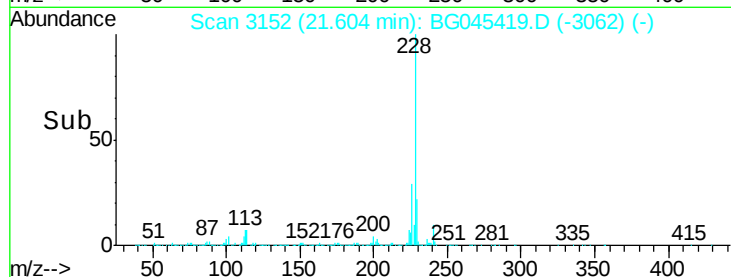
400000

200000

0

21.55 21.60 21.65

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 27.559 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

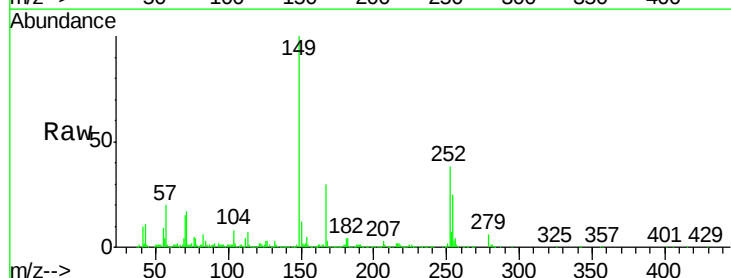
Tgt Ion:252 Resp: 309940

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	8.4	6.6	10.0

252 100

254 65.0 51.3 76.9

126 8.4 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

250000

200000

150000

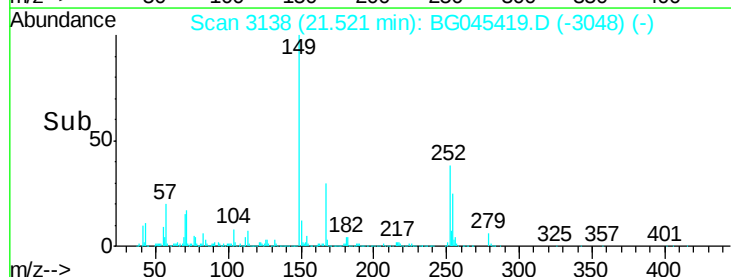
100000

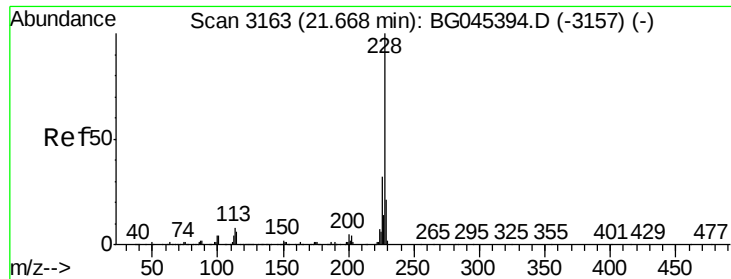
50000

0

21.40 21.50 21.60 21.70

Time-->





#83

Chrvsene

Concen: 48.044 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

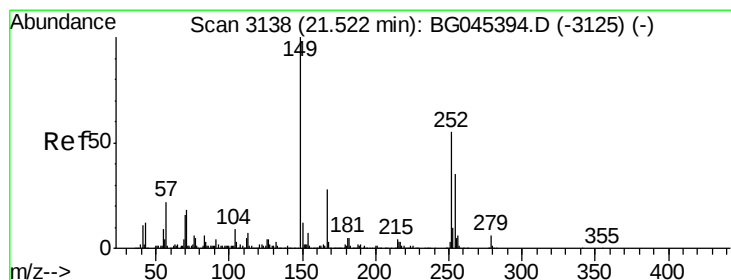
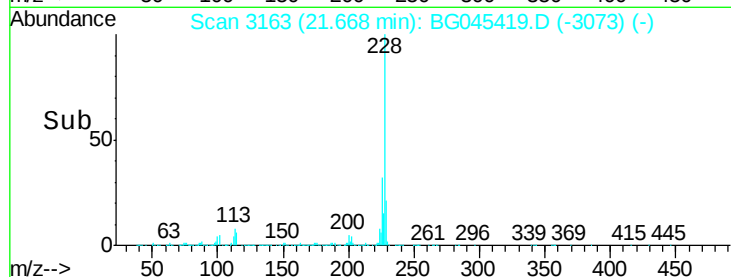
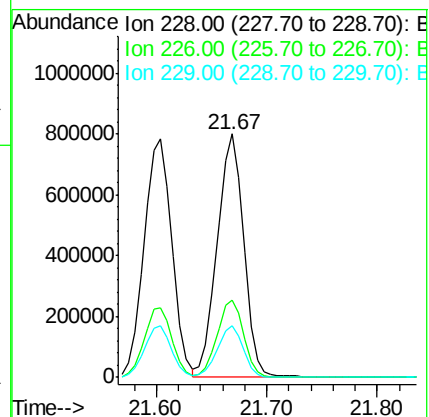
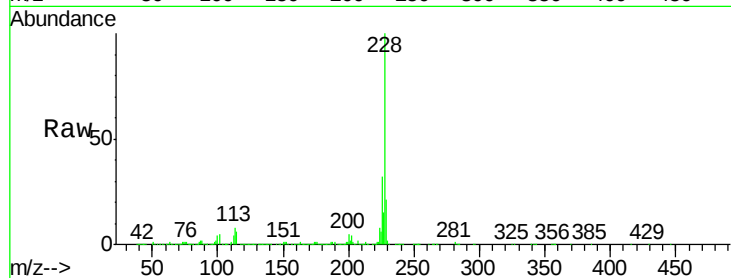
Tot Ion:228 Resp: 1324486

Ion Ratio Lower Upper

228 100

226 31.8 25.2 37.8

229 21.0 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.568 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

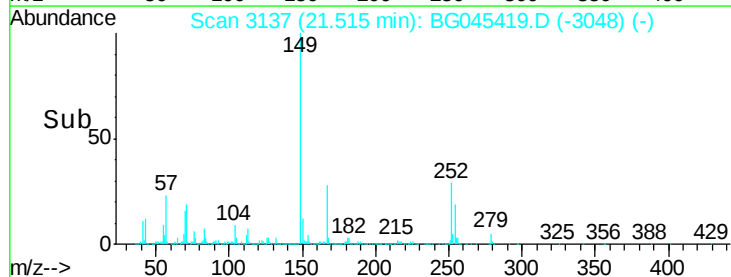
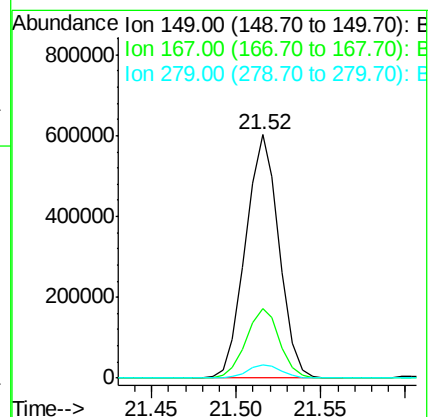
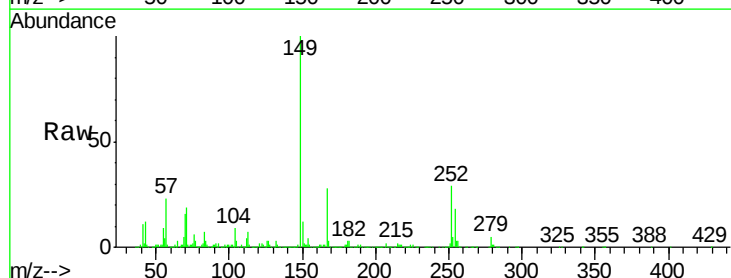
Tgt Ion:149 Resp: 828062

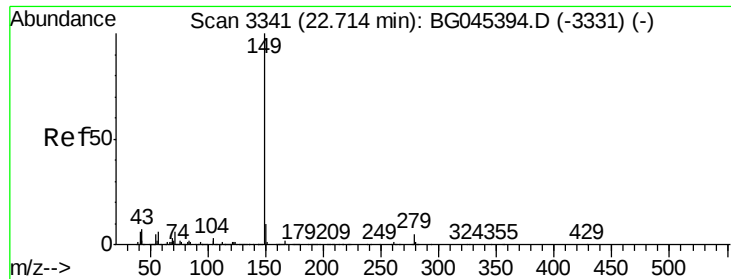
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

279 5.4 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 47.143 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampled :

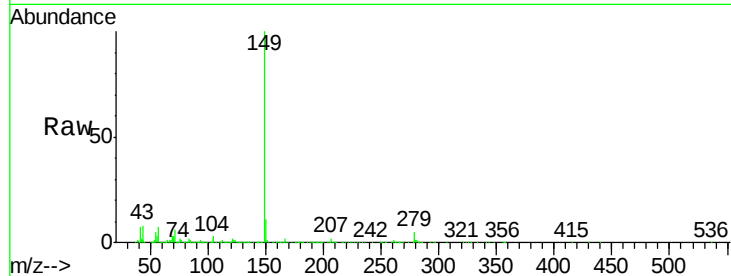
Tot Ion:149 Resp: 1409493

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

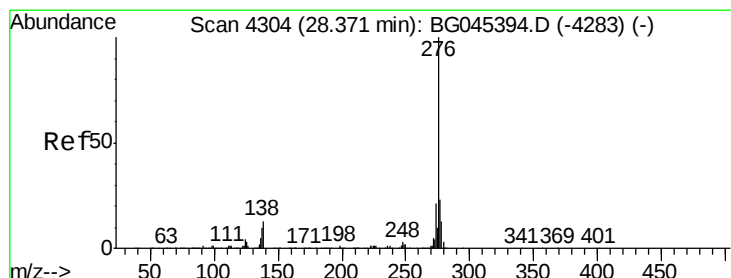
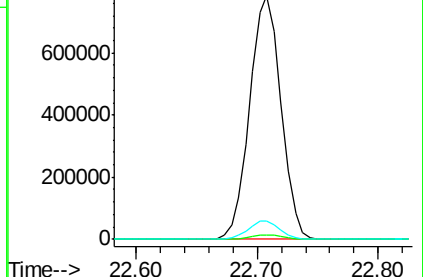
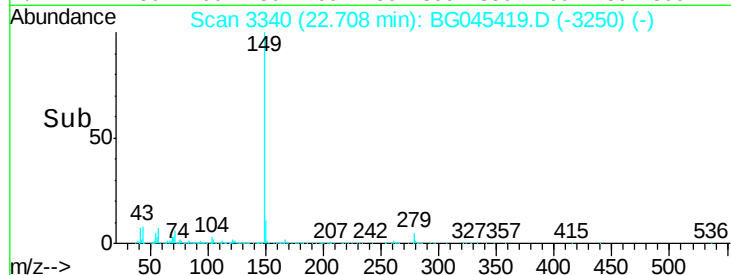
43 7.6 5.8 8.8



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: 47.451 ng

RT: 28.38 min Scan# 4305

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

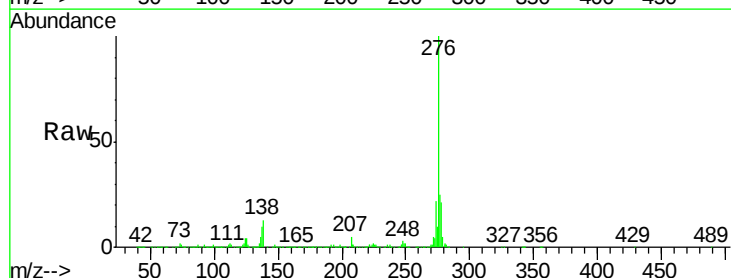
Tgt Ion:276 Resp: 1710634

Ion Ratio Lower Upper

276 100

138 10.6 8.6 12.8

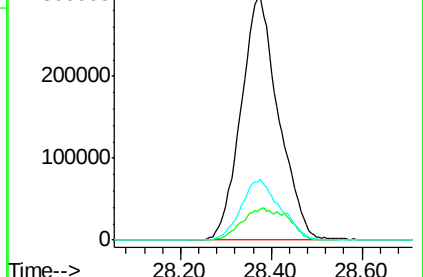
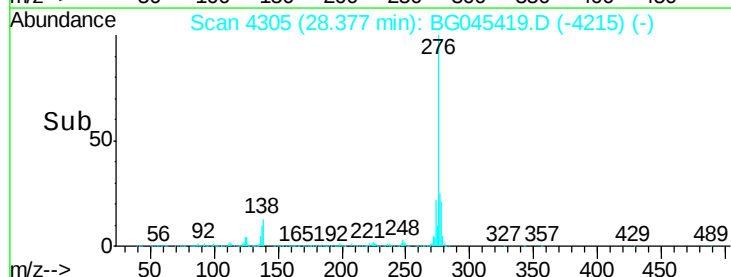
277 25.9 20.2 30.4

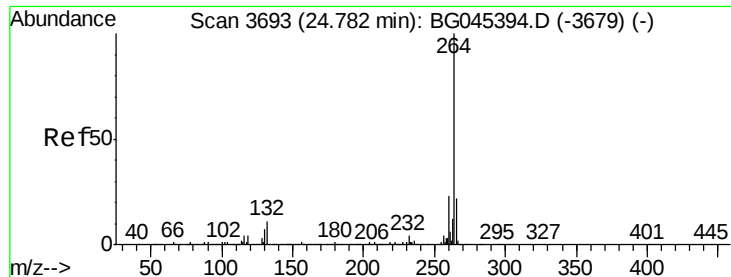


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

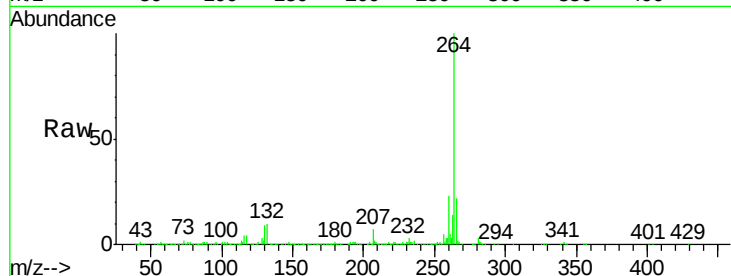
Tot Ion:264 Resp: 567039

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

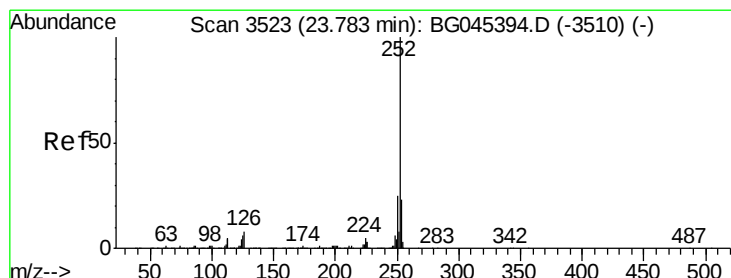
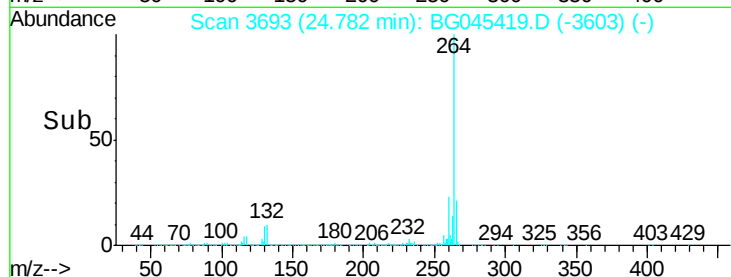
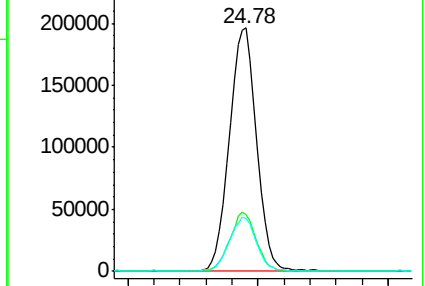
265 21.8 17.6 26.4



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: 47.457 ng

RT: 23.78 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

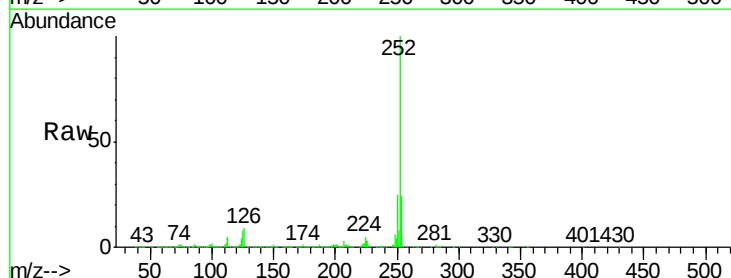
Tgt Ion:252 Resp: 1443207

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

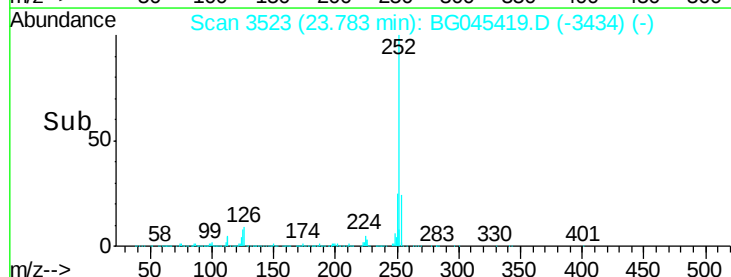
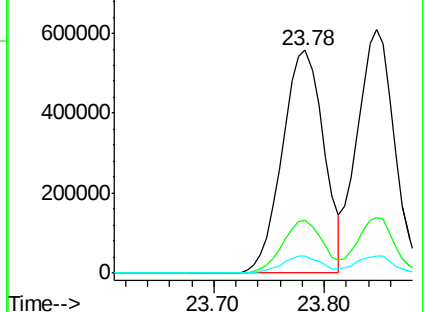
125 7.5 5.0 7.6

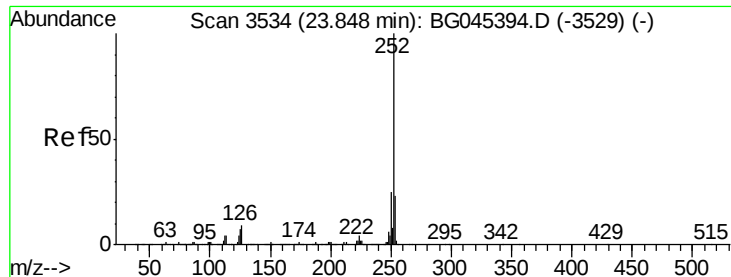


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.271 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

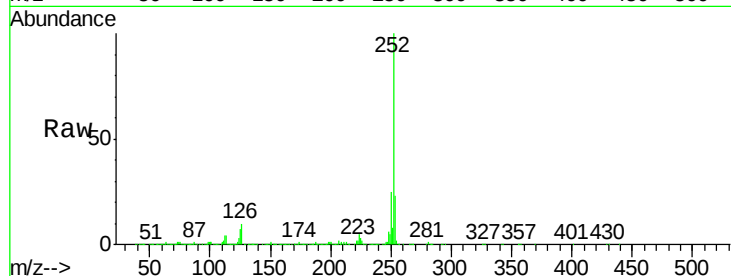
Tot Ion:252 Resp: 1436281

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

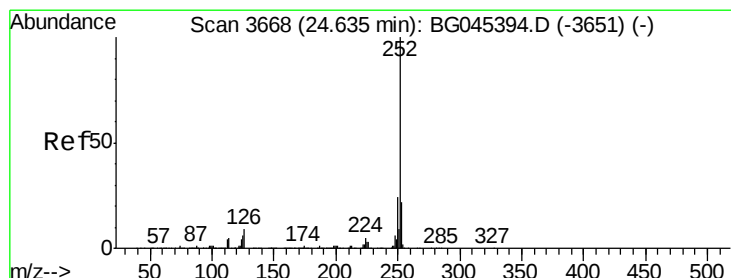
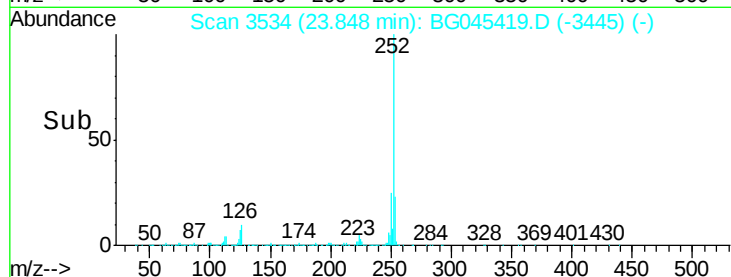
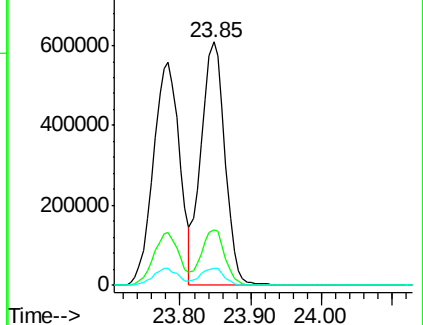
125 7.3 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.921 ng

RT: 24.63 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

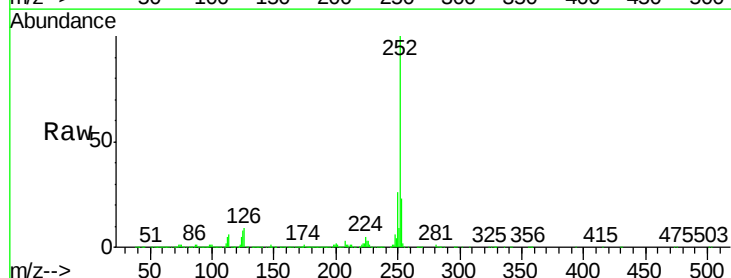
Tgt Ion:252 Resp: 1328924

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

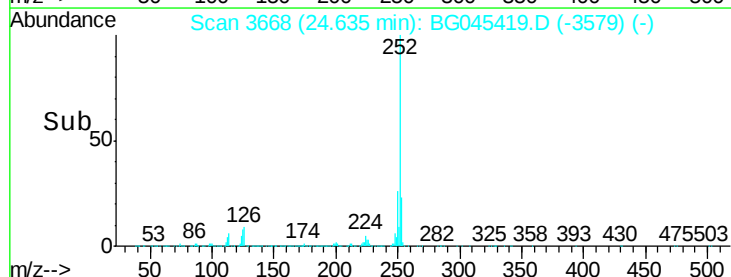
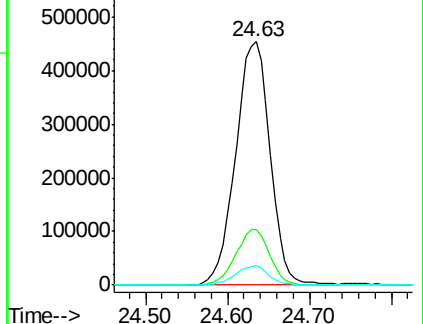
125 8.2 5.0 7.6#

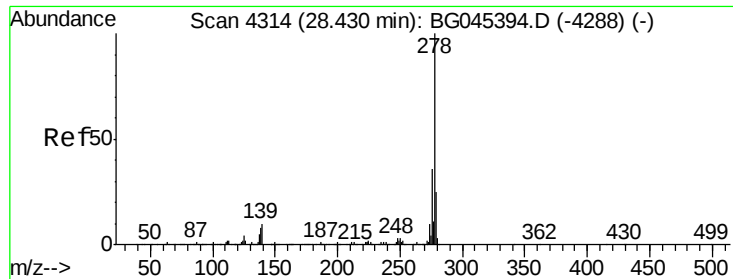


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

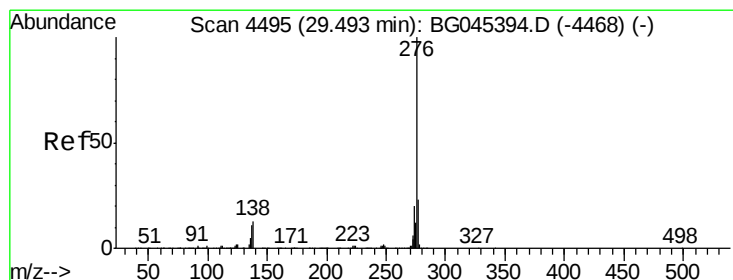
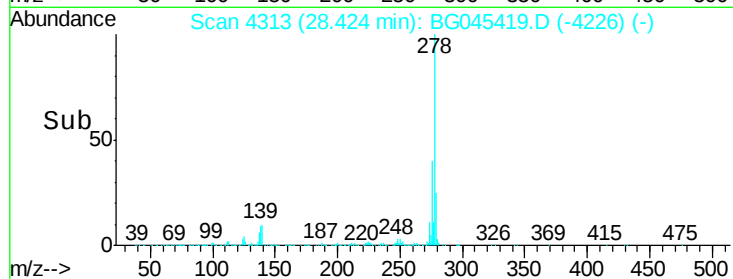
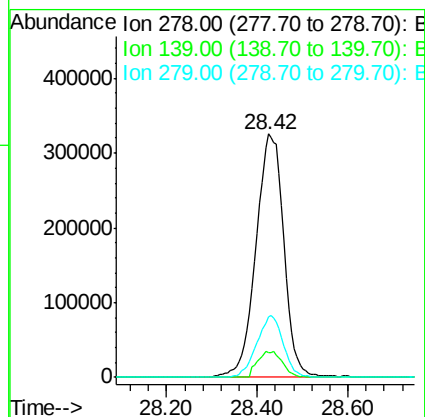
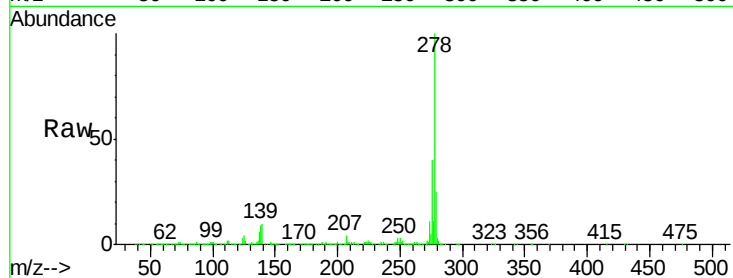




#91
Dibenzo(a,h)anthracene
Concen: 48.930 ng
RT: 28.42 min Scan# 4313
Delta R.T. -0.02 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1392607
Ion Ratio Lower Upper
278 100
139 10.4 7.8 11.8
279 25.0 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 50.007 ng
RT: 29.49 min Scan# 4495
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion:276 Resp: 1423437
Ion Ratio Lower Upper
276 100
277 24.0 18.1 27.1
138 13.0 10.2 15.4

