

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045721.D
 Acq On : 11 Jun 2020 13:28
 Operator : CG/JU
 Sample : PB129468BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 11 14:40:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	63968	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	245965	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	161748	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	318466	20.00	ng	0.00
76) Chrysene-d12	21.60	240	273242	20.00	ng	0.00
87) Perylene-d12	24.74	264	305598	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	482915	147.54	ng	0.00
7) Phenol-d6	7.14	99	683267	146.66	ng	0.00
23) Nitrobenzene-d5	9.11	82	448160	99.36	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	280093	135.40	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	974940	102.24	ng	0.00
79) Terphenyl-d14	19.96	244	1214523	103.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	53166	32.755	ng	91
3) Pyridine	3.80	79	165340	36.575	ng	97
4) n-Nitrosodimethylamine	3.72	42	72404	48.946	ng	84
6) Aniline	7.28	93	203583	33.475	ng	97
8) 2-Chlorophenol	7.52	128	195986	54.600	ng	98
9) Benzaldehyde	7.08	77	142734	47.025	ng	94
10) Phenol	7.17	94	255076	53.125	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	178293	47.606	ng	98
12) 1,3-Dichlorobenzene	7.84	146	207324	48.064	ng	99
13) 1,4-Dichlorobenzene	7.98	146	208289	48.930	ng	96
14) 1,2-Dichlorobenzene	8.30	146	196861	48.082	ng	97
15) Benzyl Alcohol	8.19	79	197770	51.388	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164769	46.349	ng	98
17) 2-Methylphenol	8.42	107	177887	49.497	ng	94
18) Hexachloroethane	9.03	117	81560	50.026	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	157936	49.024	ng	95
20) 3+4-Methylphenols	8.74	107	238947	48.825	ng	96
22) Acetophenone	8.77	105	288551	49.497	ng	# 98
24) Nitrobenzene	9.16	77	245362	50.773	ng	96
25) Isophorone	9.68	82	428806	48.273	ng	100
26) 2-Nitrophenol	9.87	139	110581	53.491	ng	94
27) 2,4-Dimethylphenol	9.94	122	174025	56.758	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	242625	52.082	ng	97
29) 2,4-Dichlorophenol	10.42	162	199865	55.201	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	222334	51.967	ng	99
31) Naphthalene	10.81	128	582471	50.818	ng	99
32) Benzoic acid	10.13	122	97217	46.908	ng	94
33) 4-Chloroaniline	10.92	127	119130	24.865	ng	96
34) Hexachlorobutadiene	11.09	225	155212	51.322	ng	96
35) Caprolactam	11.71	113	43569	32.784	ng	# 88
36) 4-Chloro-3-methylphenol	12.06	107	219239	53.736	ng	98
37) 2-Methylnaphthalene	12.42	142	438283	51.304	ng	96
38) 1-Methylnaphthalene	12.63	142	412878	51.163	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	246532	54.568	ng	99

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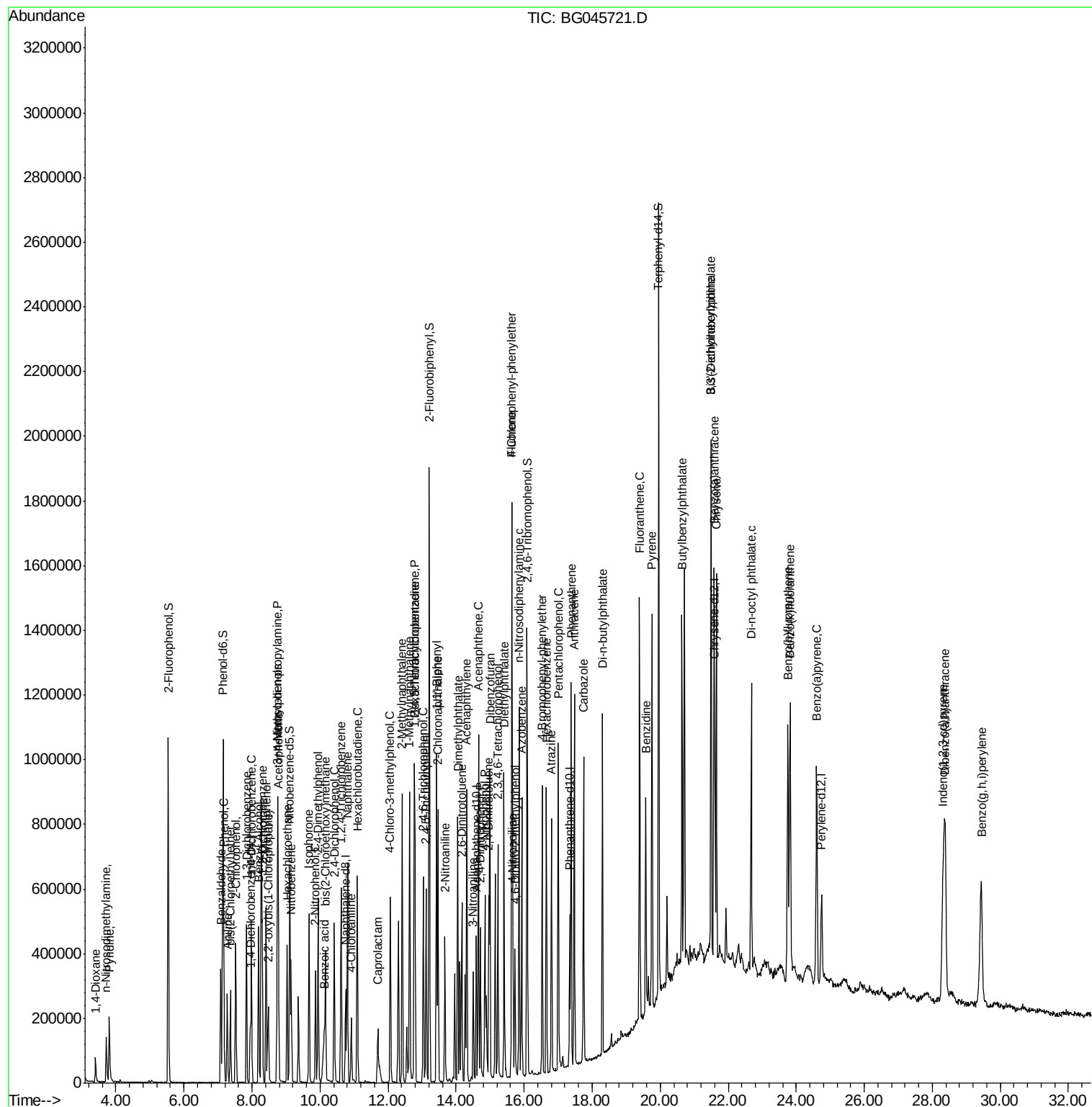
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	240284	92.146	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	171870	54.764	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	177904	49.606	ng	98
46) 1,1'-Biphenyl	13.43	154	546684	55.006	ng	99
47) 2-Chloronaphthalene	13.47	162	424798	52.635	ng	99
48) 2-Nitroaniline	13.67	65	134804	50.778	ng	93
49) Acenaphthylene	14.31	152	667190	51.467	ng	98
50) Dimethylphthalate	14.05	163	540686	48.729	ng	98
51) 2,6-Dinitrotoluene	14.17	165	125167	49.991	ng	99
52) Acenaphthene	14.66	154	399098	45.993	ng	98
53) 3-Nitroaniline	14.50	138	94289	37.046	ng	93
54) 2,4-Dinitrophenol	14.71	184	125030	76.489	ng	94
55) Dibenzofuran	14.99	168	646490	50.169	ng	96
56) 4-Nitrophenol	14.85	139	169319	87.868	ng	88
57) 2,4-Dinitrotoluene	14.96	165	169774	46.820	ng	97
58) Fluorene	15.64	166	518193	48.948	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	156865	49.716	ng	99
60) Diethylphthalate	15.41	149	541350	46.875	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	289432	47.776	ng	99
62) 4-Nitroaniline	15.67	138	115553	43.489	ng	97
63) Azobenzene	15.93	77	525998	48.845	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	101575	54.765	ng	93
66) n-Nitrosodiphenylamine	15.85	169	453371	59.292	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	192150	55.720	ng	97
68) Hexachlorobenzene	16.66	284	200864	55.690	ng	97
69) Atrazine	16.80	200	160595	50.992	ng	96
70) Pentachlorophenol	17.00	266	202877	108.328	ng	96
71) Phenanthrene	17.39	178	739654	53.202	ng	99
72) Anthracene	17.47	178	758826	54.351	ng	97
73) Carbazole	17.75	167	672581	49.421	ng	99
74) Di-n-butylphthalate	18.30	149	771734	47.246	ng	98
75) Fluoranthene	19.39	202	796388	45.036	ng	99
77) Benzidine	19.58	184	438613	57.155	ng	100
78) Pyrene	19.76	202	786093	50.468	ng	98
80) Butylbenzylphthalate	20.64	149	315386	46.911	ng	92
81) Benzo(a)anthracene	21.58	228	789360	51.858	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	205758	34.461	ng	96
83) Chrysene	21.65	228	775756	53.003	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	459110	49.678	ng	98
85) Di-n-octyl phthalate	22.68	149	779613	49.116	ng	97
86) Indeno(1,2,3-cd)pyrene	28.32	276	1031629	53.902	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	833104	50.831	ng	99
89) Benzo(k)fluoranthene	23.82	252	843193	54.761	ng	100
90) Benzo(a)pyrene	24.60	252	783859	51.353	ng	100
91) Dibenzo(a,h)anthracene	28.38	278	855149	55.750	ng	98
92) Benzo(g,h,i)perylene	29.44	276	830037	54.106	ng	# 95

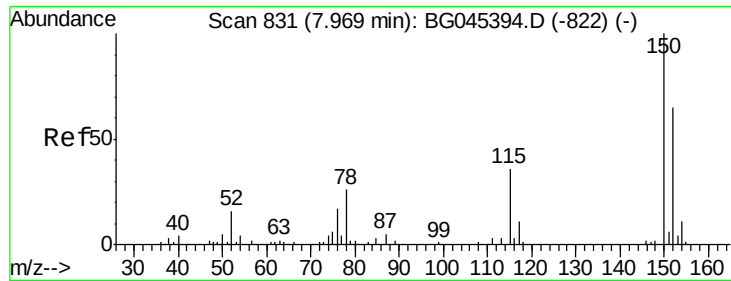
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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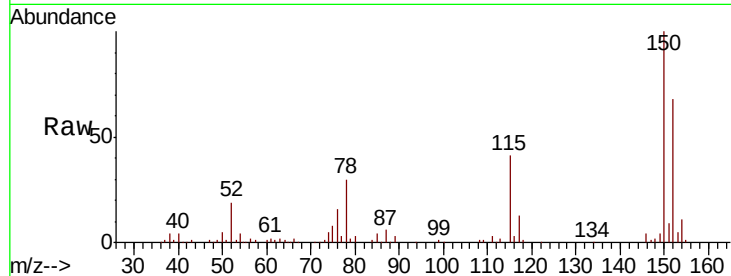




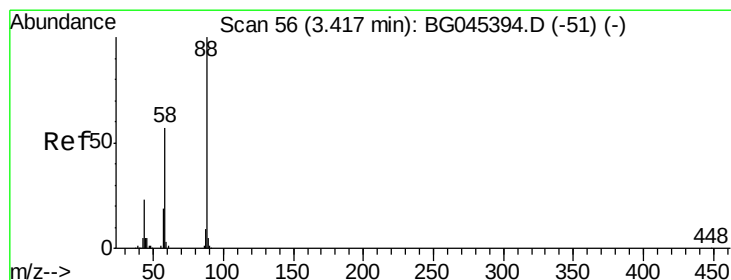
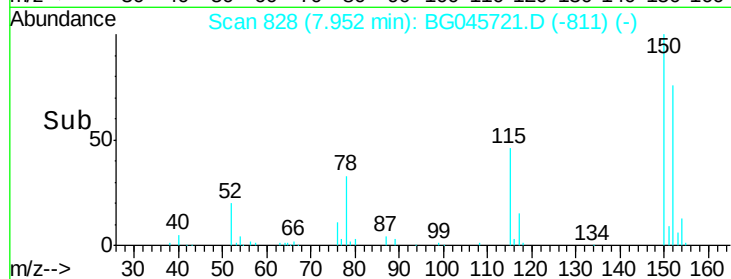
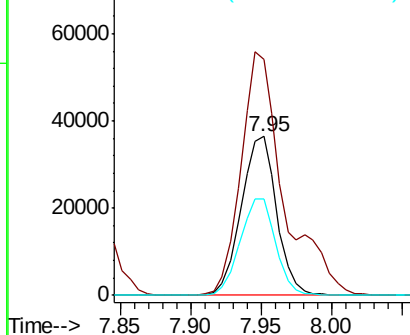
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 63968
 Ion Ratio Lower Upper
 152 100
 150 148.1 122.4 183.6
 115 60.7 44.2 66.4

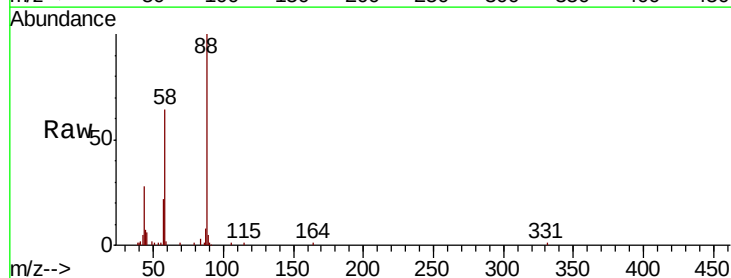


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

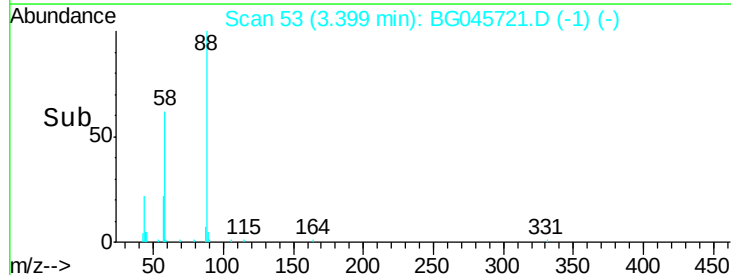
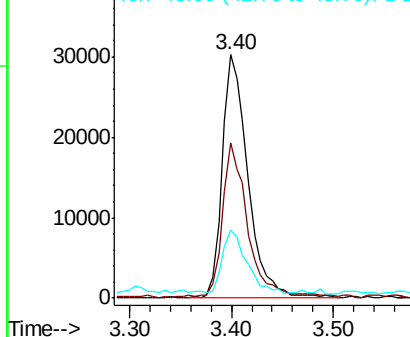


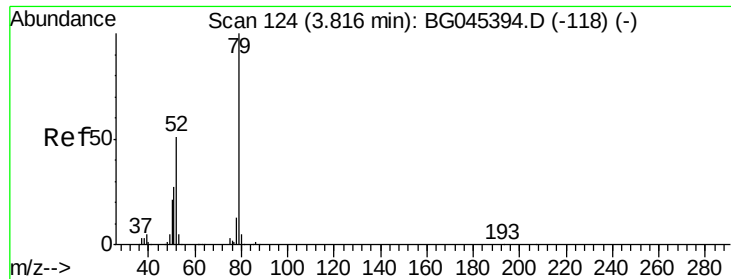
#2
 1,4-Dioxane
 Concen: 32.755 ng
 RT: 3.40 min Scan# 53
 Delta R.T. 0.00 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Tgt Ion: 88 Resp: 53166
 Ion Ratio Lower Upper
 88 100
 58 63.9 45.7 68.5
 43 24.1 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: 36.575 ng

RT: 3.80 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

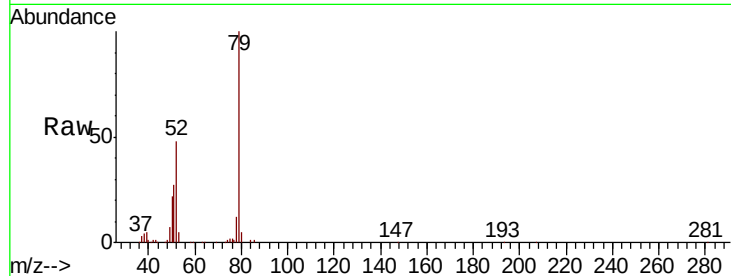
Tot Ion: 79 Resp: 165340

Ion Ratio Lower Upper

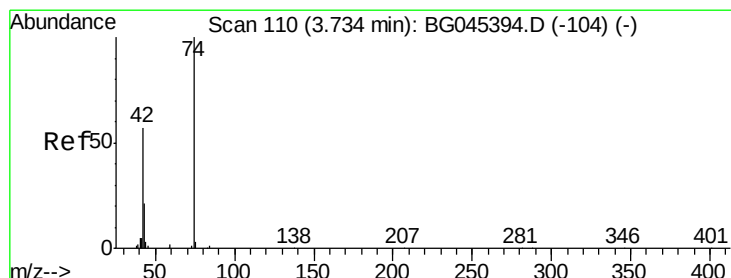
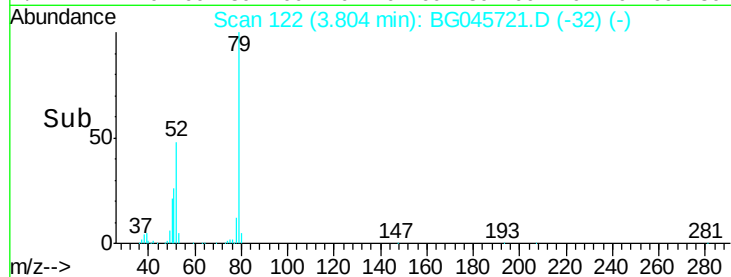
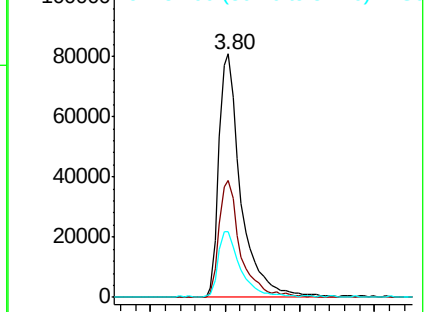
79 100

52 47.9 40.8 61.2

51 26.8 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: 48.946 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

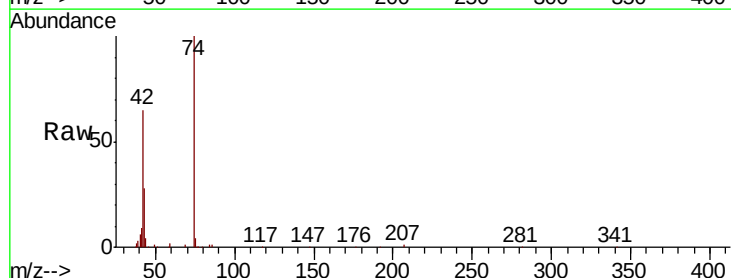
Tgt Ion: 42 Resp: 72404

Ion Ratio Lower Upper

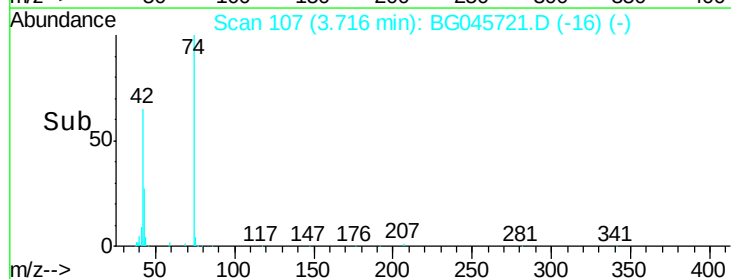
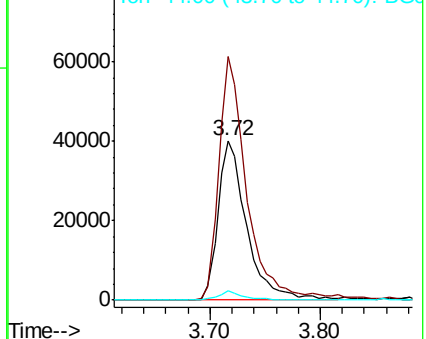
42 100

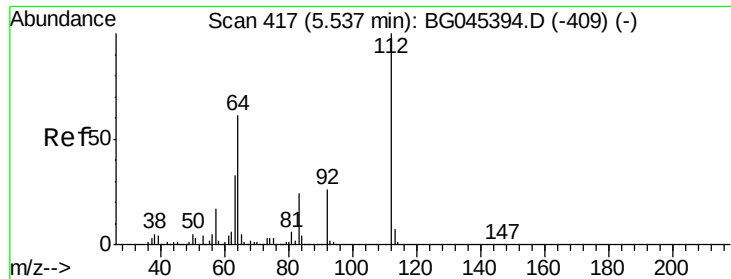
74 153.0 141.3 211.9

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: 147.536 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

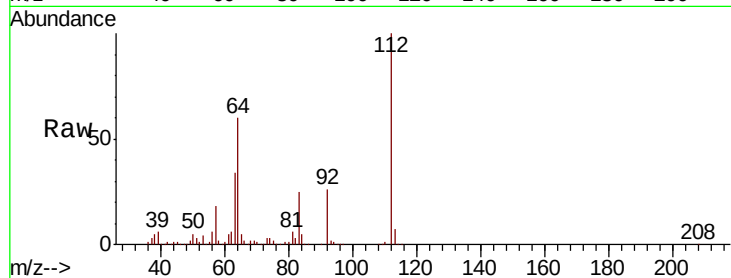
Tot Ion:112 Resp: 482915

Ion Ratio Lower Upper

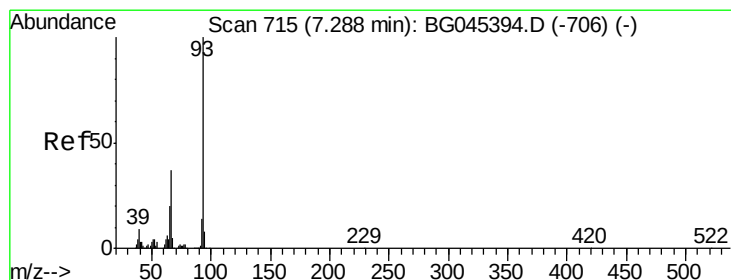
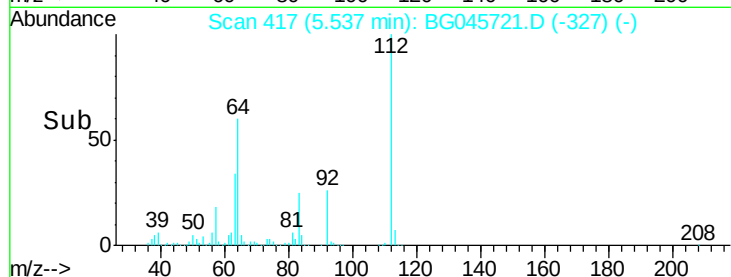
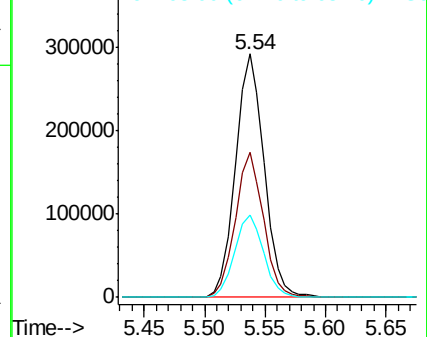
112 100

64 59.7 48.6 72.8

63 33.6 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: 33.475 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

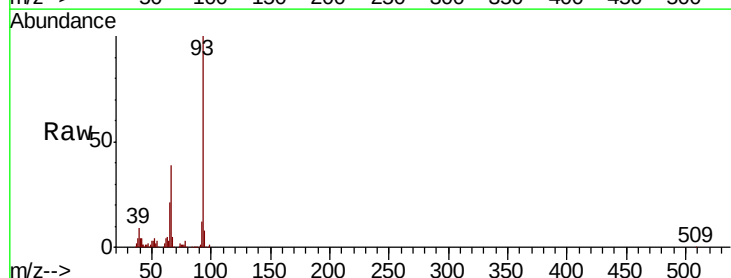
Tgt Ion: 93 Resp: 203583

Ion Ratio Lower Upper

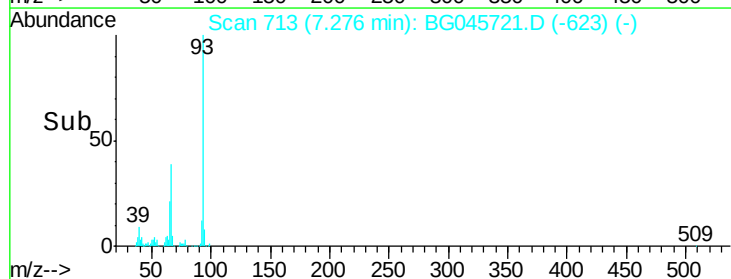
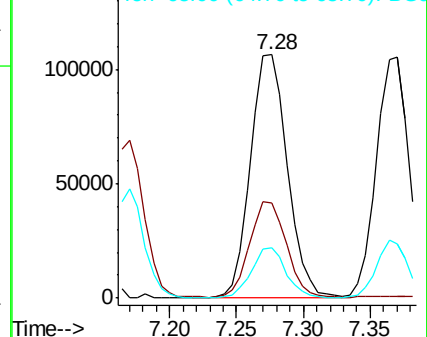
93 100

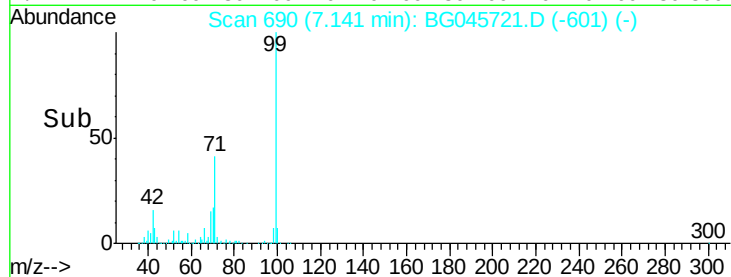
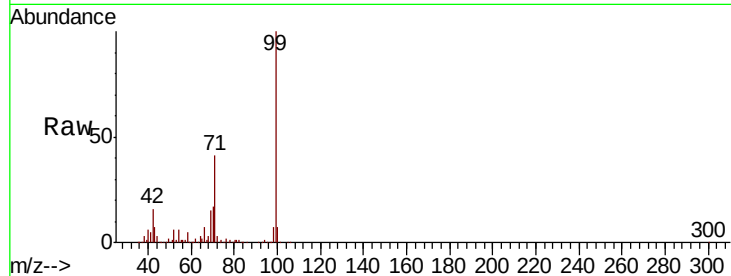
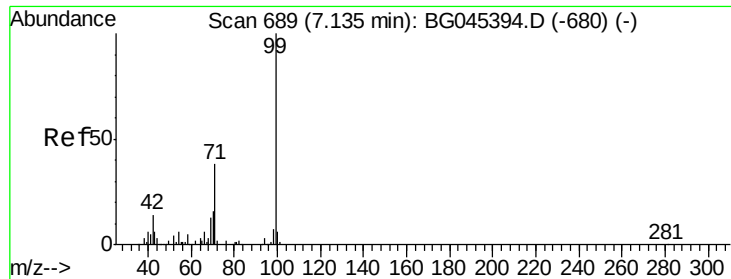
66 39.3 29.6 44.4

65 20.7 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.663 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

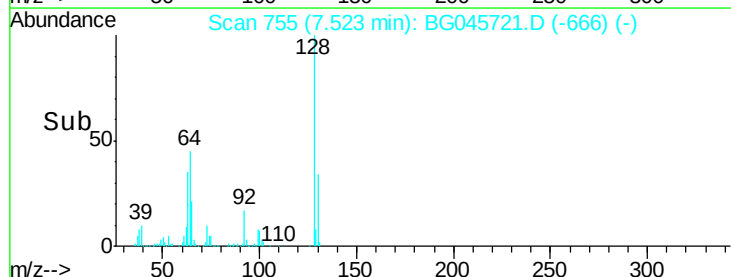
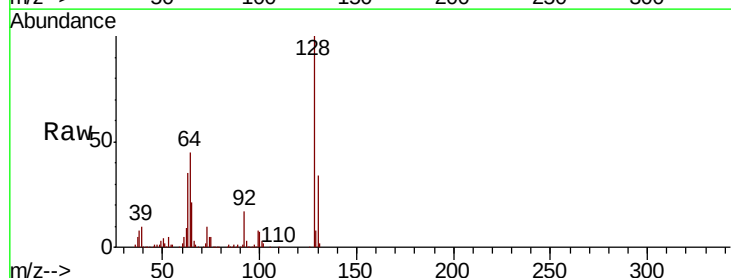
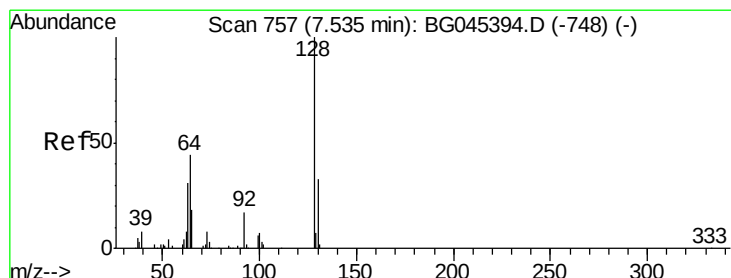
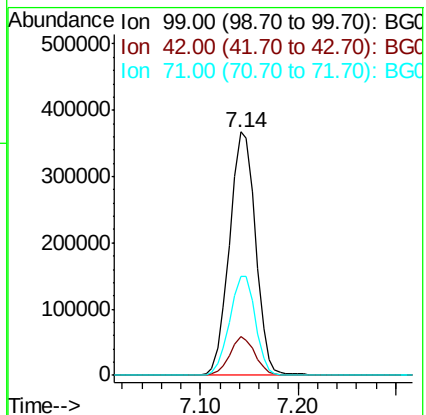
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 683267

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.3	16.9
71	40.6	30.8	46.2



#8

2-Chlorophenol

Concen: 54.600 ng

RT: 7.52 min Scan# 755

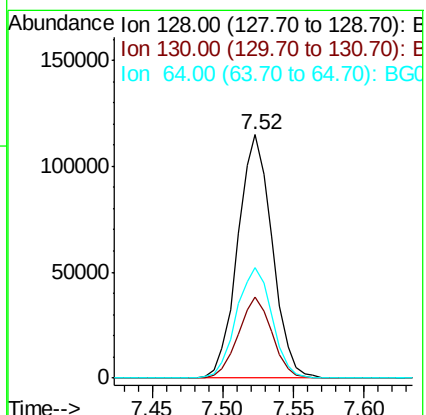
Delta R.T. -0.01 min

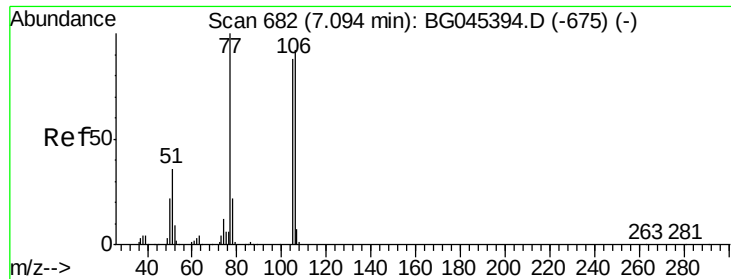
Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Tgt Ion: 128 Resp: 195986

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.6	52.6
64	45.1	27.0	67.0





#9

Benzaldehyde

Concen: 47.025 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampled :

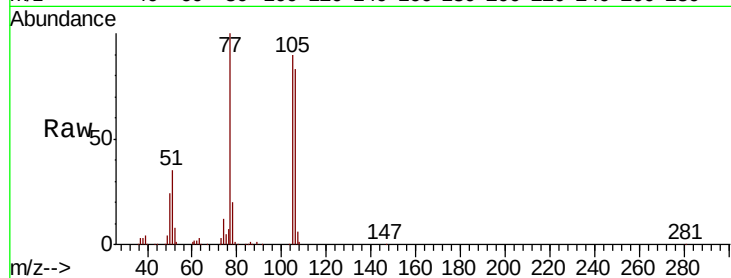
Tot Ion: 77 Resp: 142734

Ion Ratio Lower Upper

77 100

105 90.2 68.5 108.5

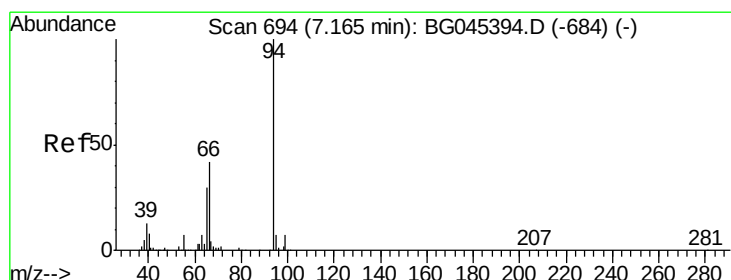
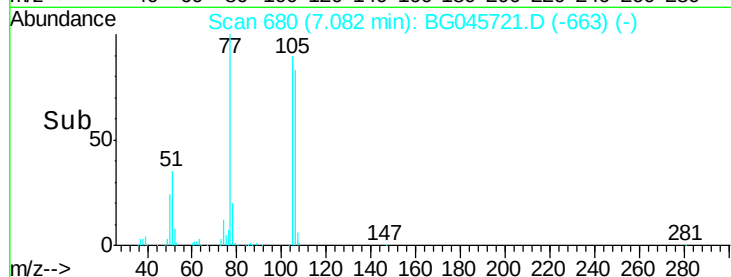
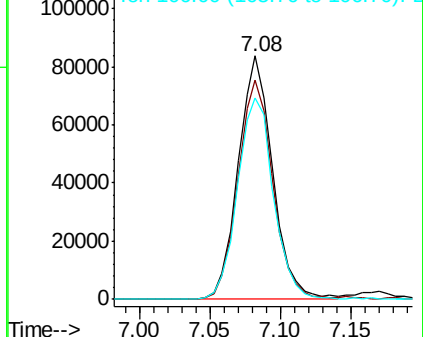
106 82.6 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 53.125 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

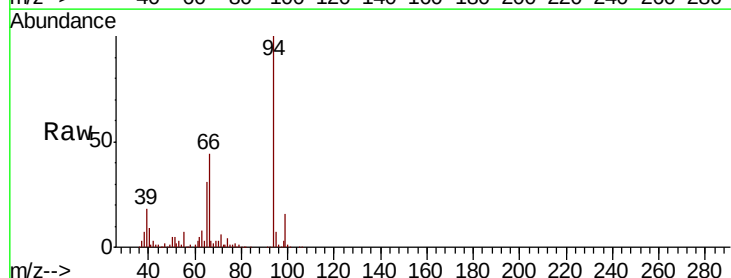
Tgt Ion: 94 Resp: 255076

Ion Ratio Lower Upper

94 100

65 30.7 9.8 49.8

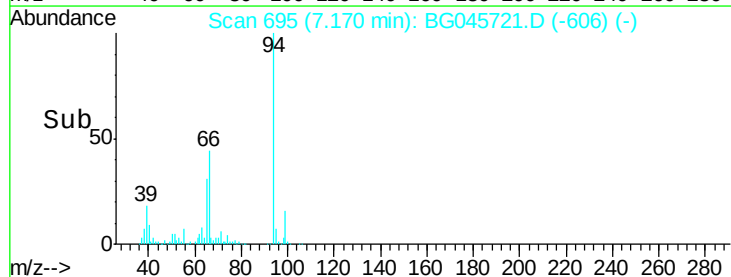
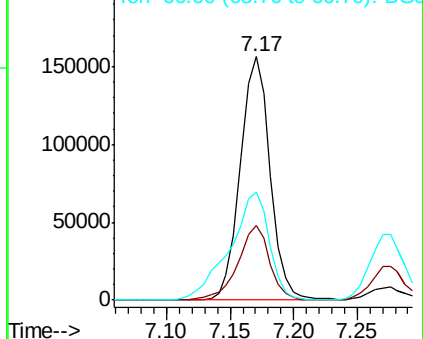
66 44.2 22.0 62.0

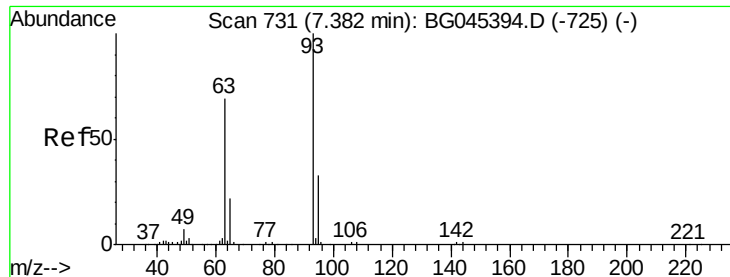


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

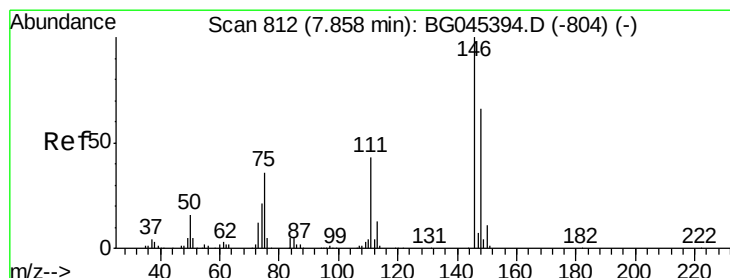
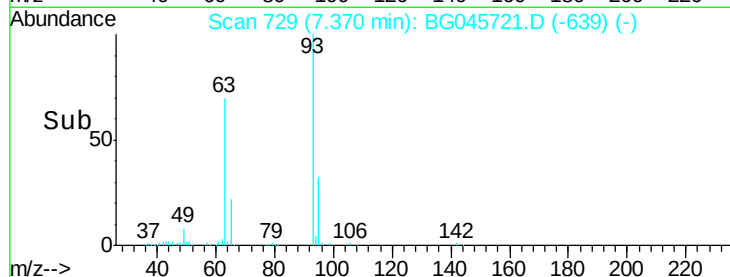
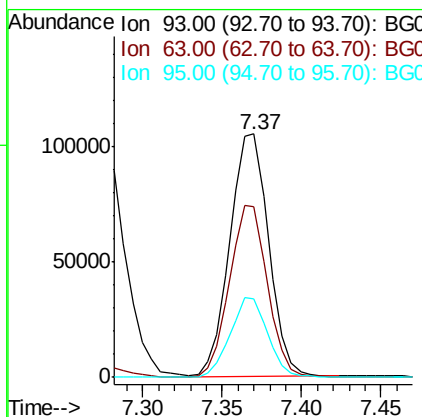
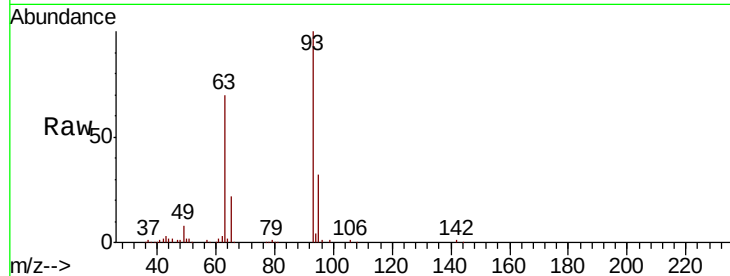




#11
bis(2-Chloroethyl)ether
Concen: 47.606 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

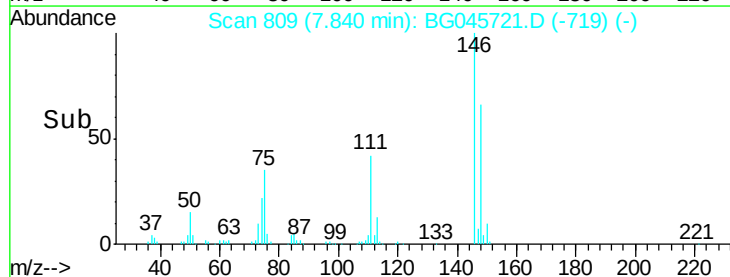
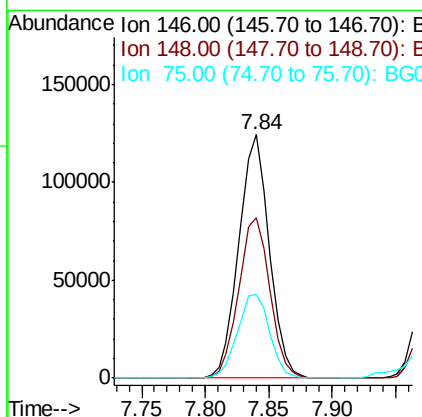
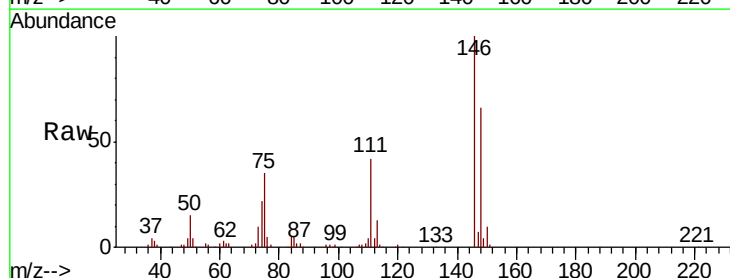
Instrument :
BNA_G
ClientSampled :

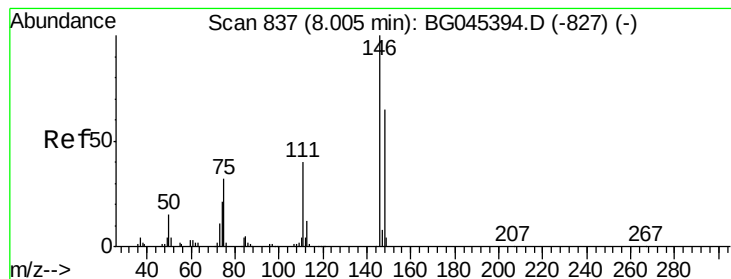
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	48.4	88.4
95	32.1	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 48.064 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.2	79.8
75	34.5	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 48.930 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

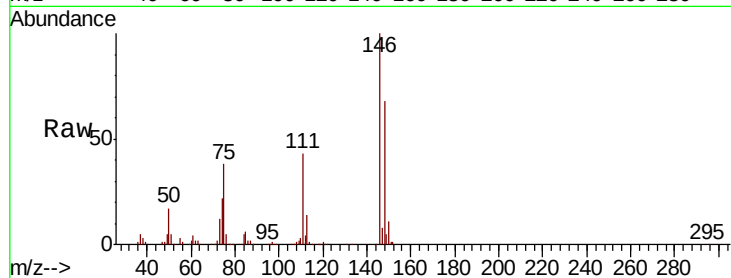
Tot Ion:146 Resp: 208289

Ion Ratio Lower Upper

146 100

148 67.9 51.8 77.8

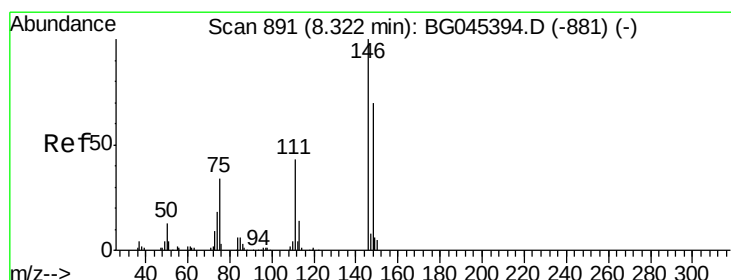
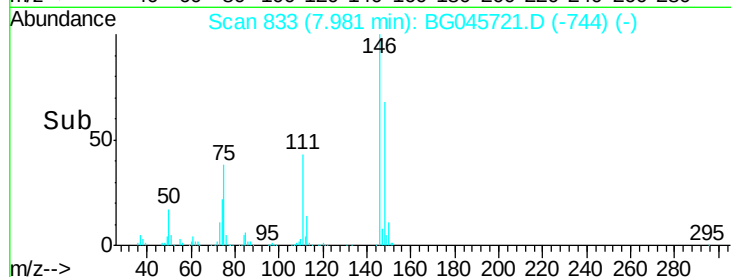
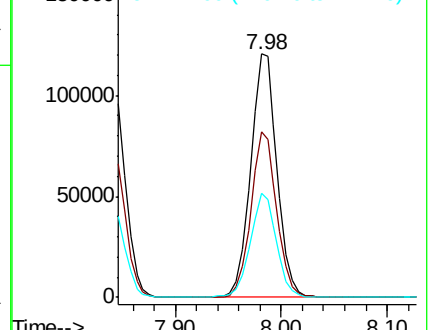
111 42.9 32.1 48.1



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: 48.082 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

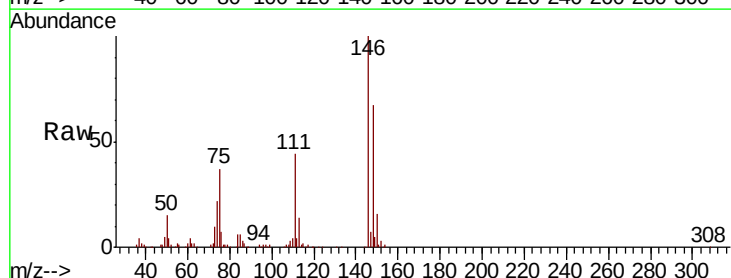
Tgt Ion:146 Resp: 196861

Ion Ratio Lower Upper

146 100

148 67.0 55.9 83.9

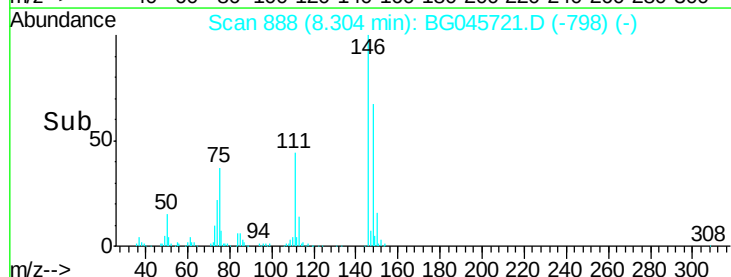
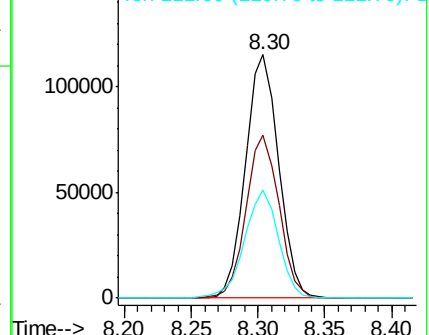
111 44.5 35.0 52.4

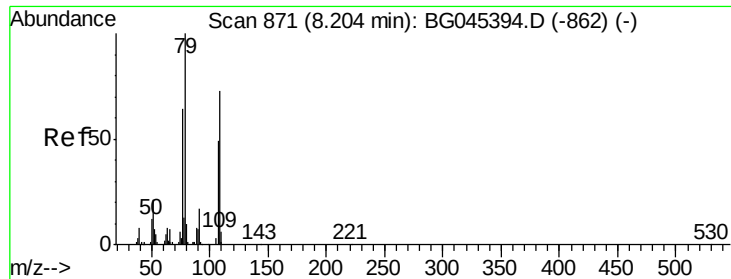


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.388 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

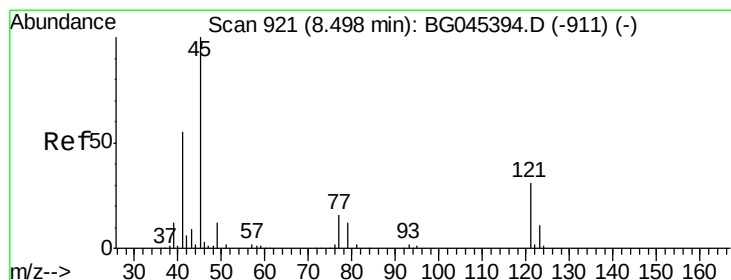
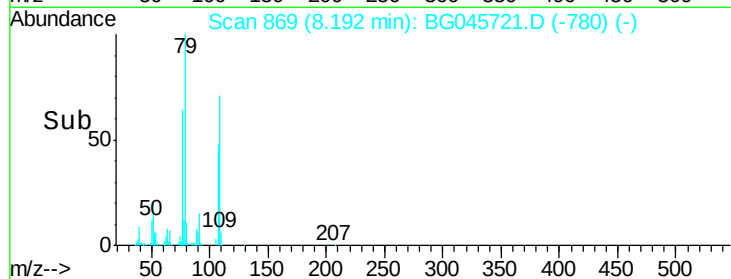
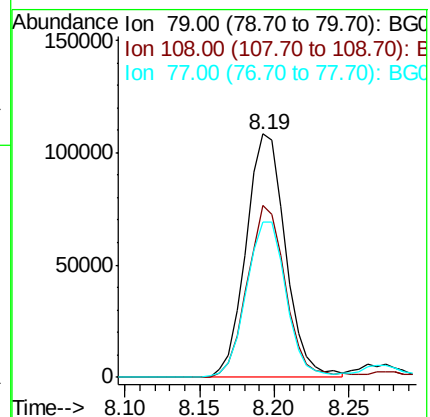
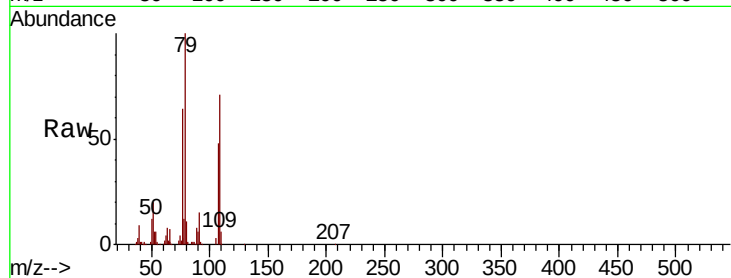
Tot Ion: 79 Resp: 197770

Ion Ratio Lower Upper

79 100

108 70.6 58.2 87.4

77 64.0 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.349 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

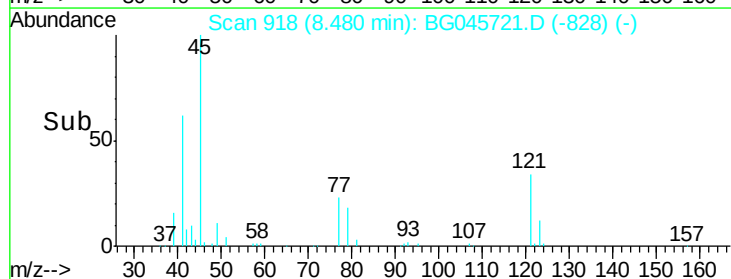
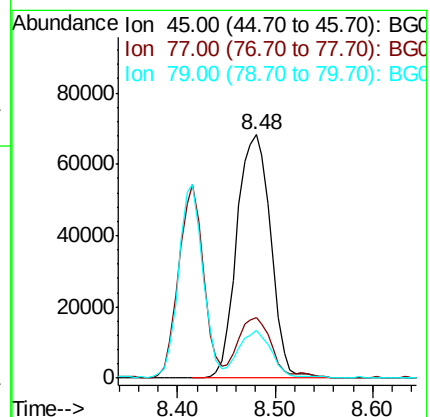
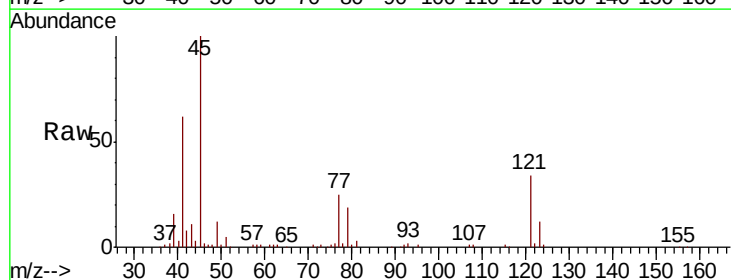
Tgt Ion: 45 Resp: 164769

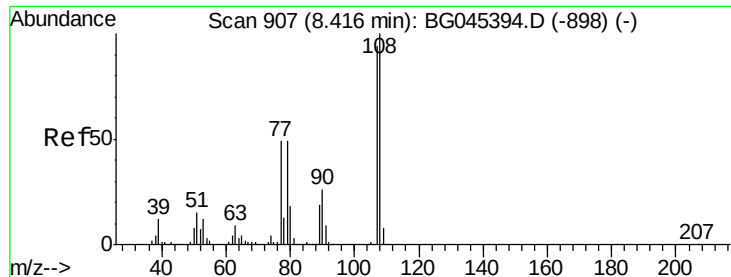
Ion Ratio Lower Upper

45 100

77 25.0 4.0 44.0

79 19.4 0.0 38.6

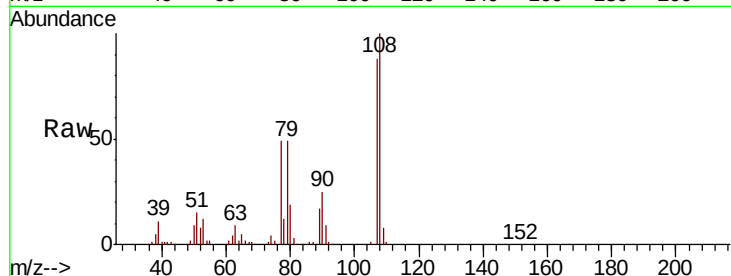




#17
2-Methylphenol
Concen: 49.497 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	85.2	127.8
77	55.2	41.6	62.4
79	55.3	41.8	62.8



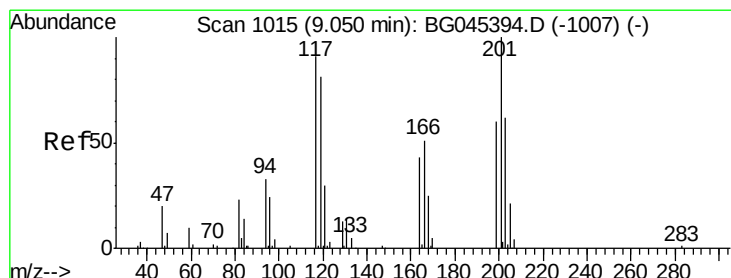
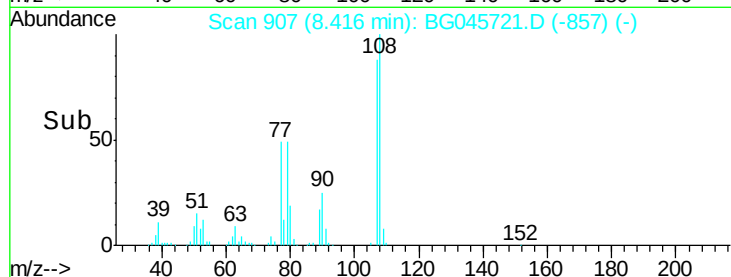
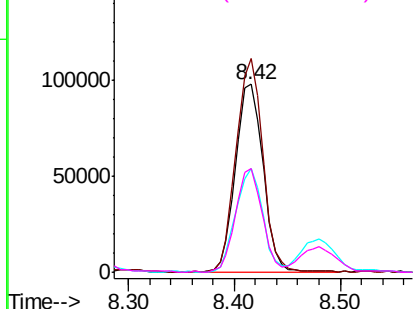
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

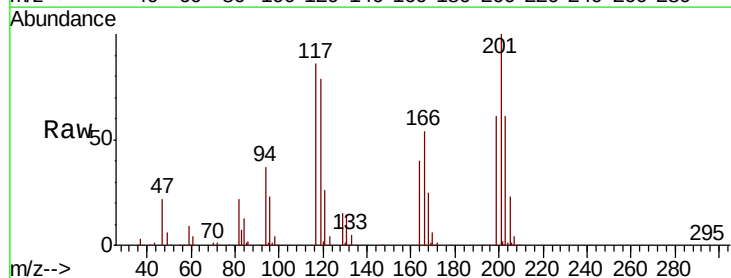
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 50.026 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	71.3	106.9
201	116.1	87.5	131.3

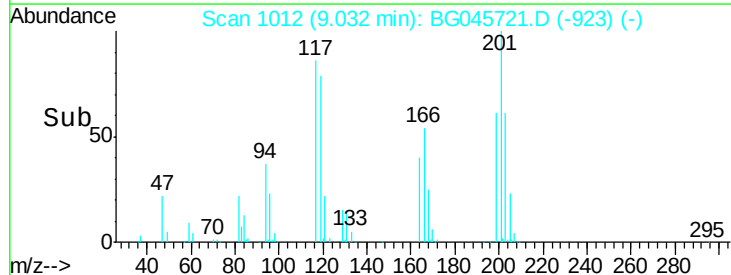
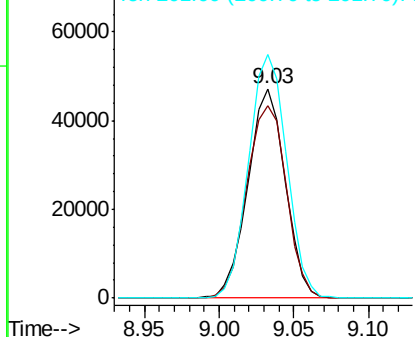


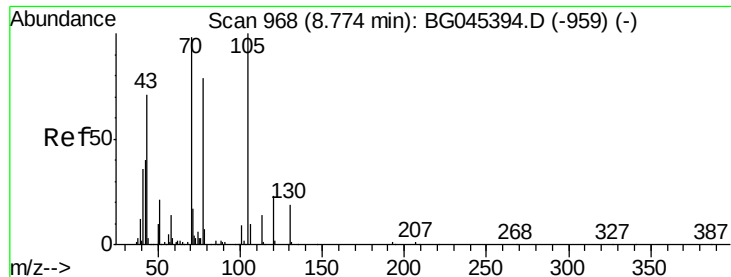
Abundance

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

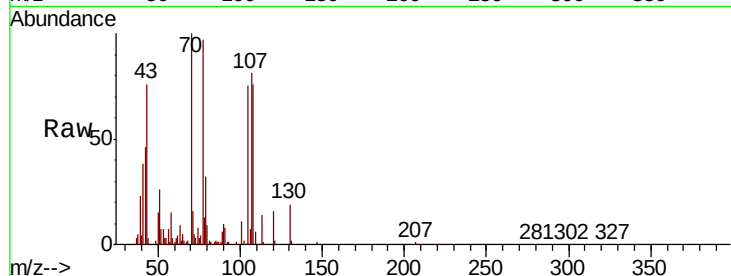




#19
n-Nitroso-di-n-propylamine
Concen: 49.024 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	157936
Ion	Ratio	Lower	Upper
70	100		
42	45.7	33.2	49.8
101	10.9	7.8	11.6
130	18.6	15.4	23.2



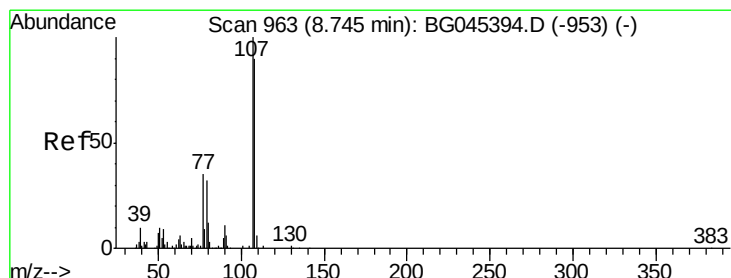
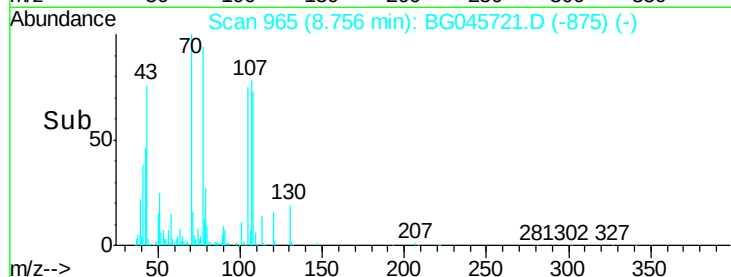
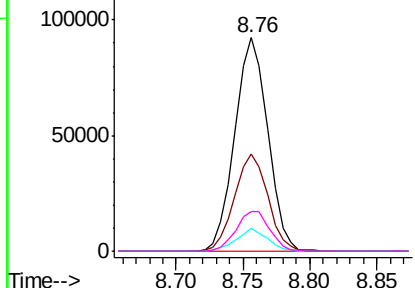
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

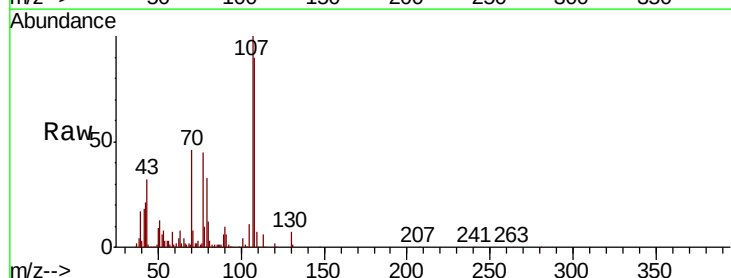
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 48.825 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion:	107	Resp:	238947
Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.3	110.3
77	45.5	15.4	55.4
79	32.8	12.6	52.6



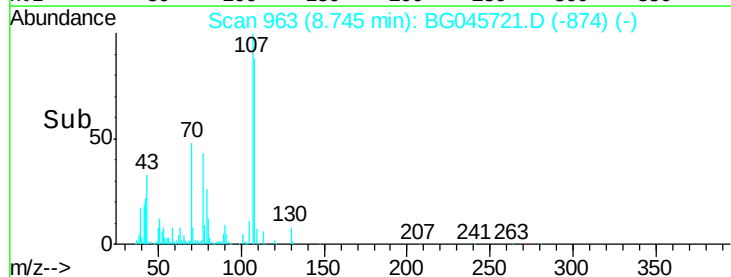
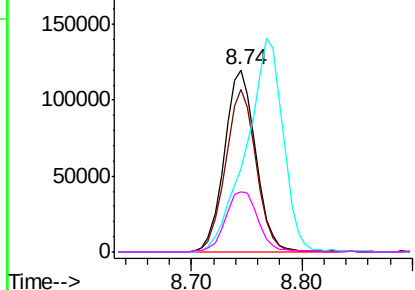
Abundance

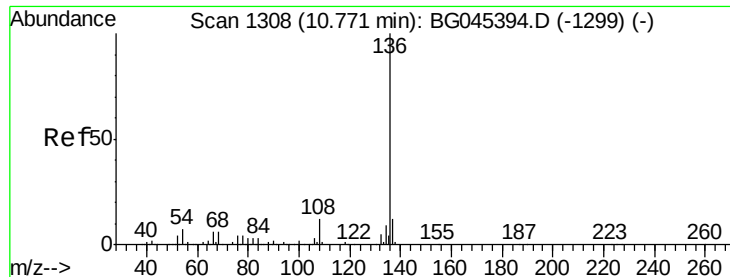
Ion 107.00 (106.70 to 107.70): BGC

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

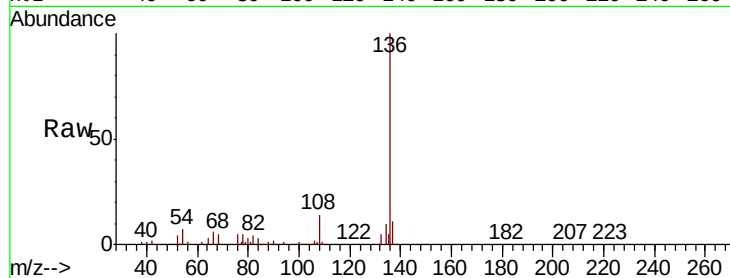




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 245965
Ion Ratio	Lower Upper
136 100	
137 11.2	9.4 14.2
54 6.6	5.8 8.6
68 5.4	4.5 6.7



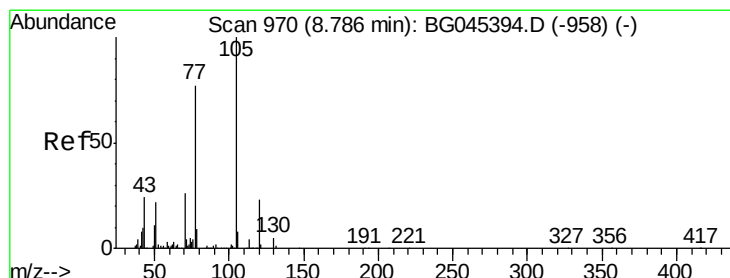
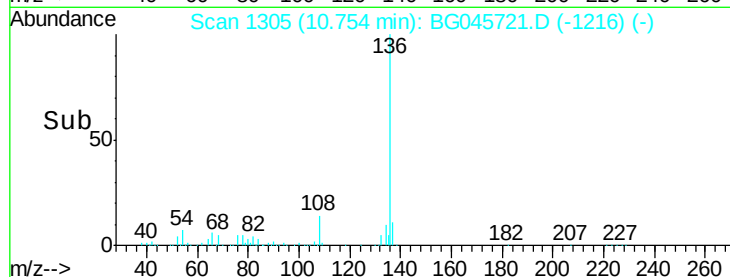
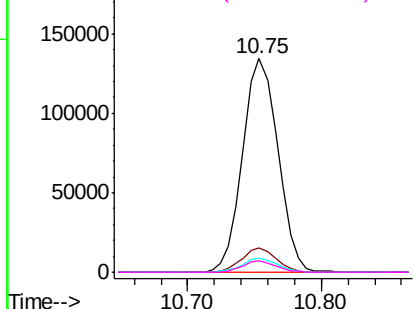
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

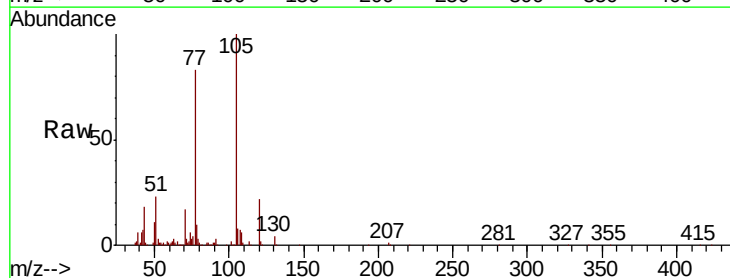
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 49.497 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt	Ion:105	Resp:	288551
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.4	5.0#
51	22.9	18.2	27.2
120	21.7	18.6	27.8



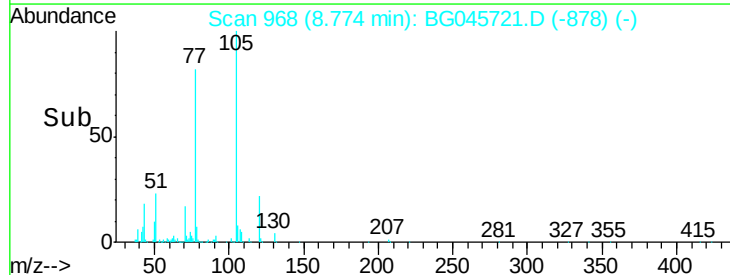
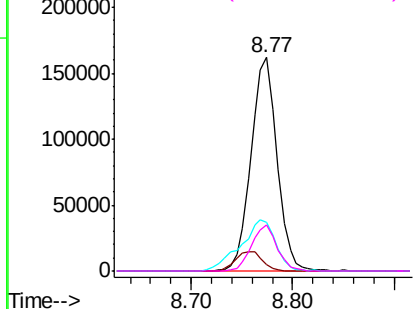
Abundance

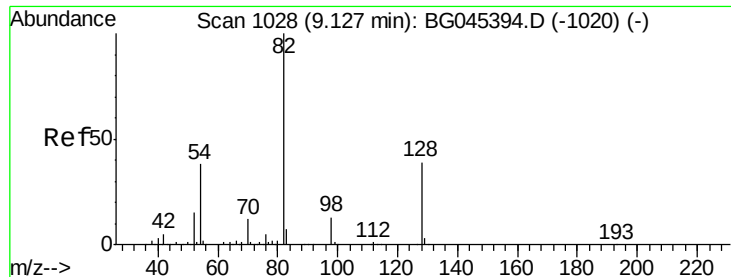
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

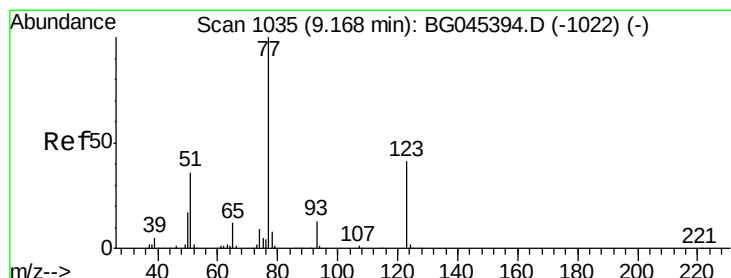
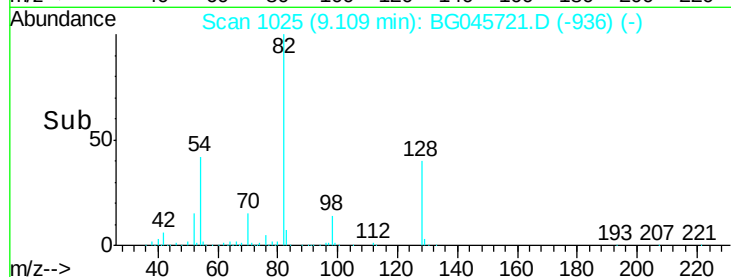
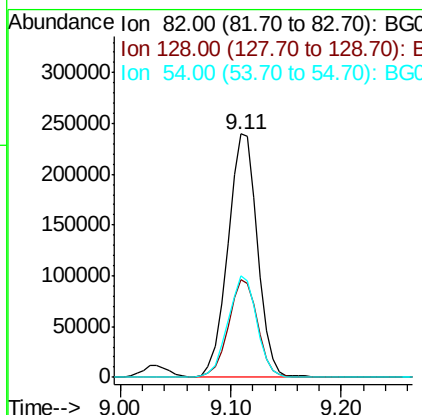
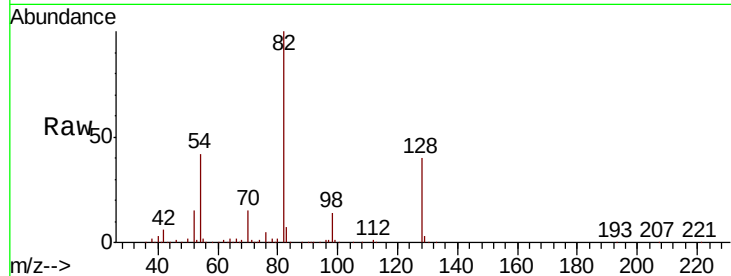




#23
 Nitrobenzene-d5
 Concen: 99.359 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

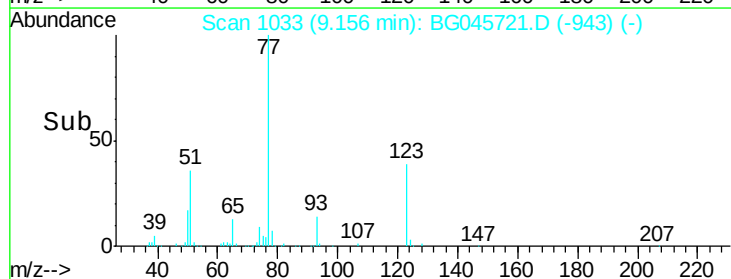
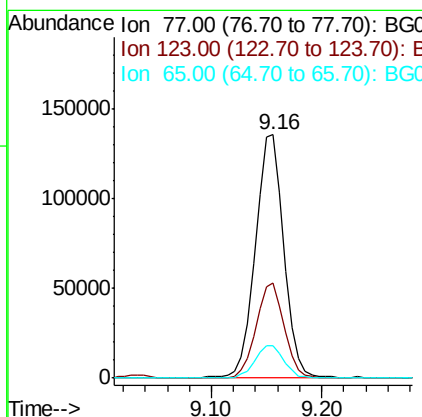
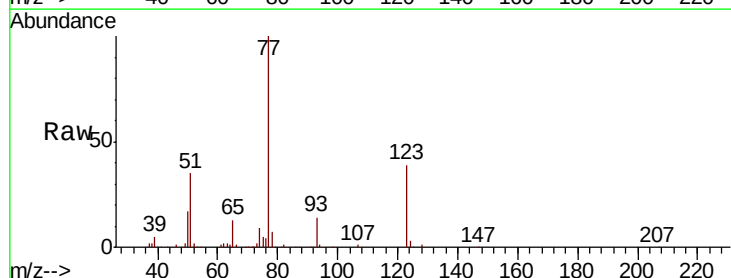
Instrument :
 BNA_G
 ClientSampleId :

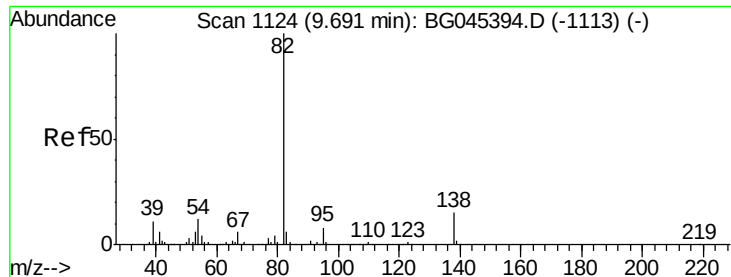
Tot Ion	82	Resp	448160
Ion Ratio	Lower	Upper	
82	100		
128	40.2	30.9	46.3
54	41.6	30.3	45.5



#24
 Nitrobenzene
 Concen: 50.773 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Tgt Ion	77	Resp	245362
Ion Ratio	Lower	Upper	
77	100		
123	39.0	32.9	49.3
65	13.3	9.4	14.2





#25

Isophorone

Concen: 48.273 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

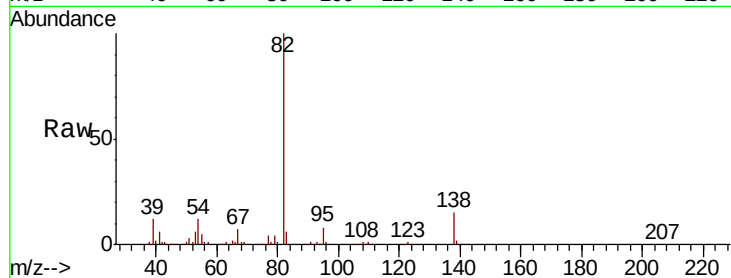
Tot Ion: 82 Resp: 428806

Ion Ratio Lower Upper

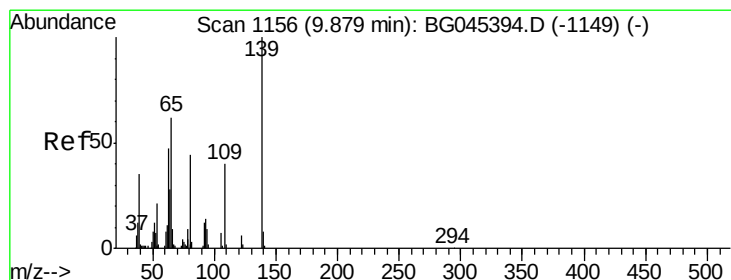
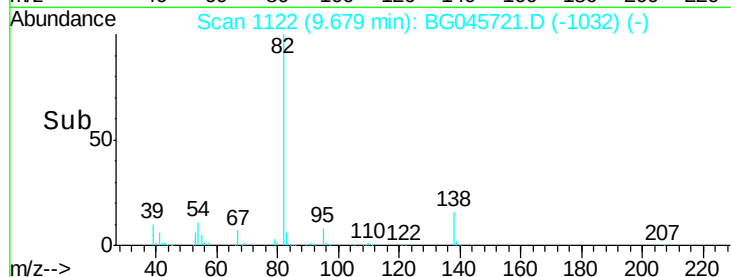
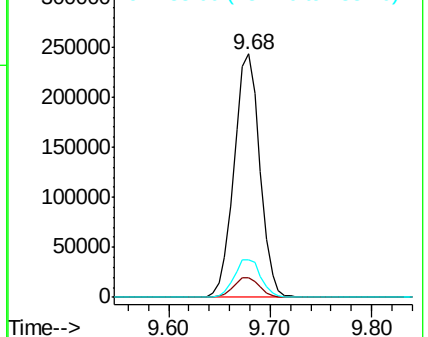
82 100

95 8.2 6.7 10.1

138 15.4 12.2 18.4



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



#26

2-Nitrophenol

Concen: 53.491 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

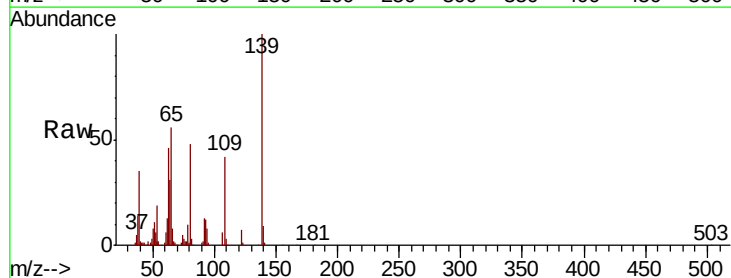
Tgt Ion: 139 Resp: 110581

Ion Ratio Lower Upper

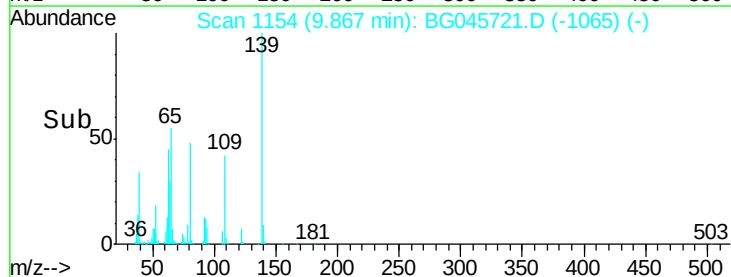
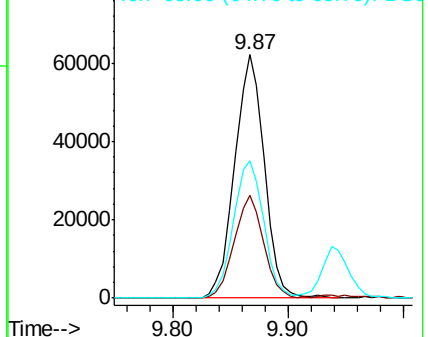
139 100

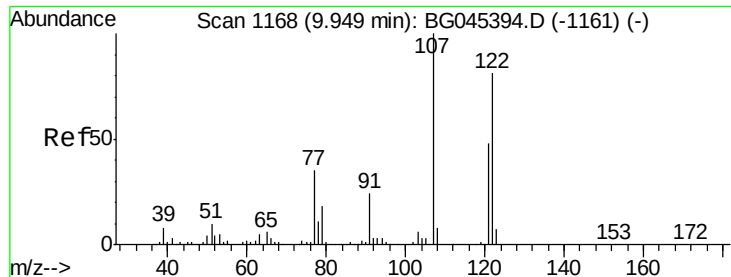
109 42.2 32.2 48.4

65 56.3 49.6 74.4



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





#27

2,4-Dimethylphenol

Concen: 56.758 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

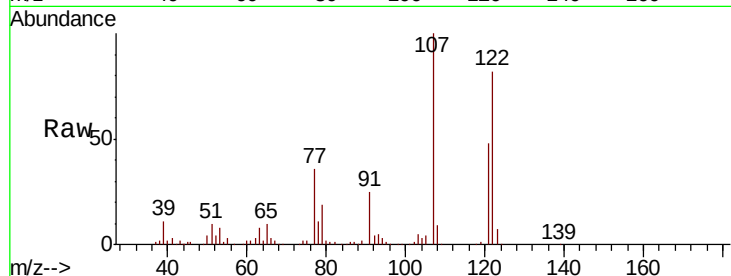
Tot Ion:122 Resp: 174025

Ion Ratio Lower Upper

122 100

107 122.4 99.0 148.4

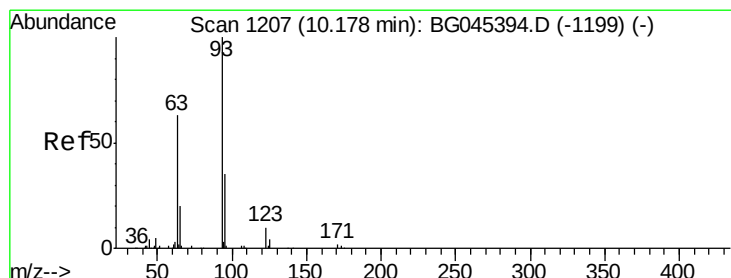
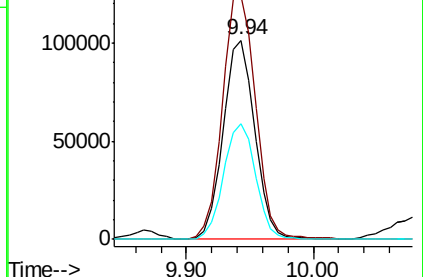
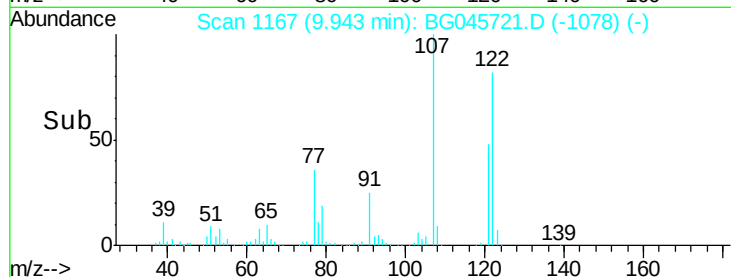
121 58.4 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.082 ng

RT: 10.16 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

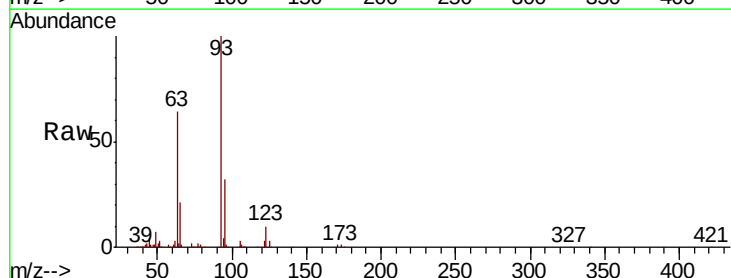
Tgt Ion: 93 Resp: 242625

Ion Ratio Lower Upper

93 100

95 32.2 27.6 41.4

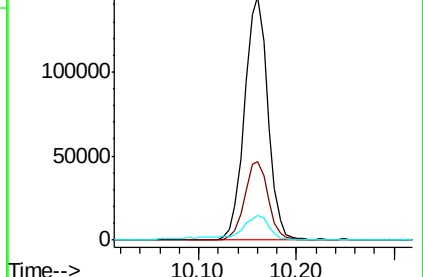
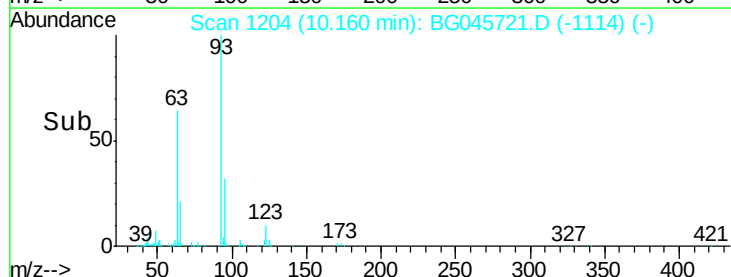
123 10.1 8.1 12.1

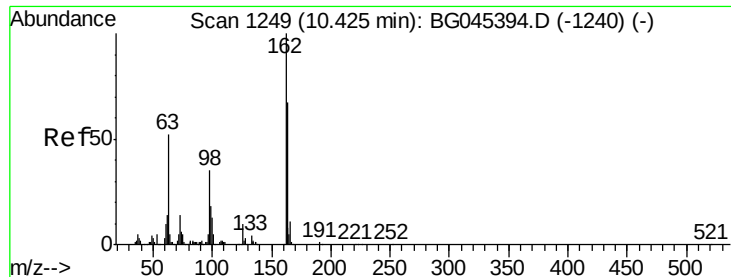


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

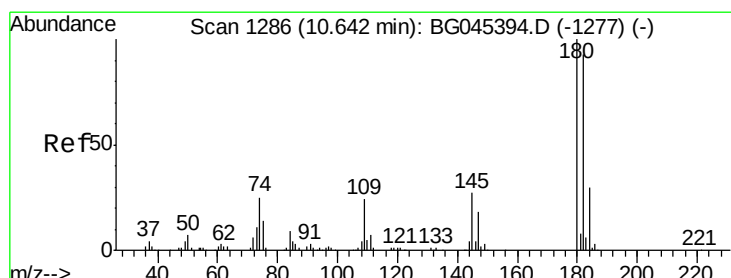
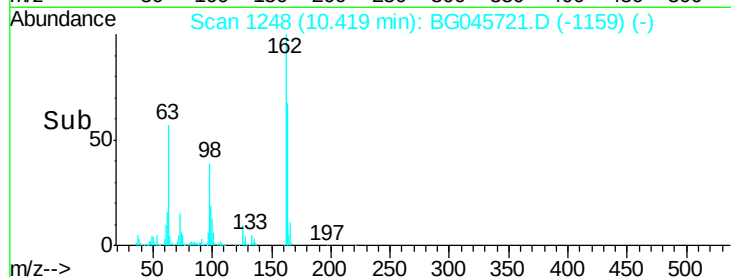
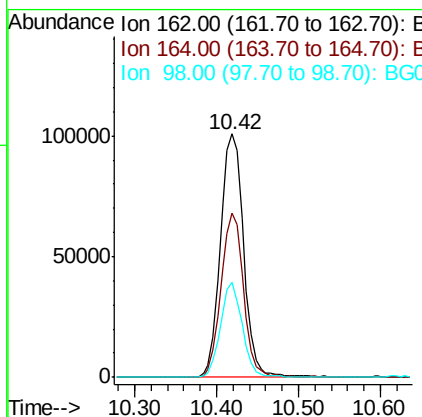
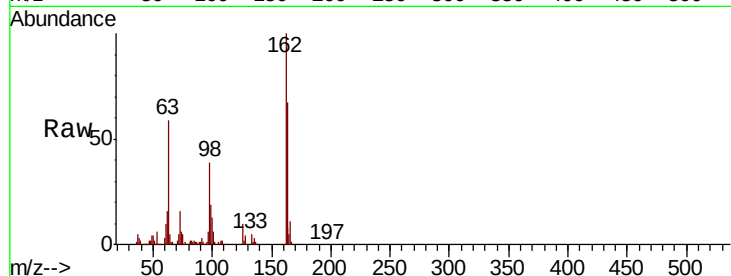




#29
2,4-Dichlorophenol
Concen: 55.201 ng
RT: 10.42 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

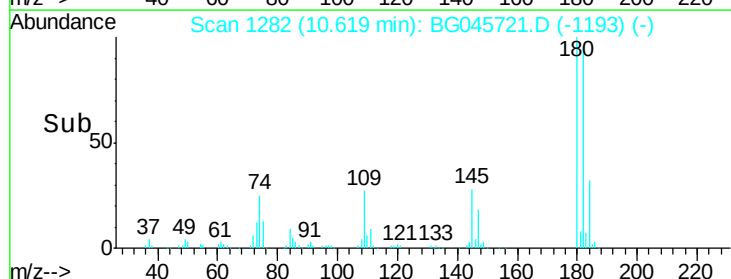
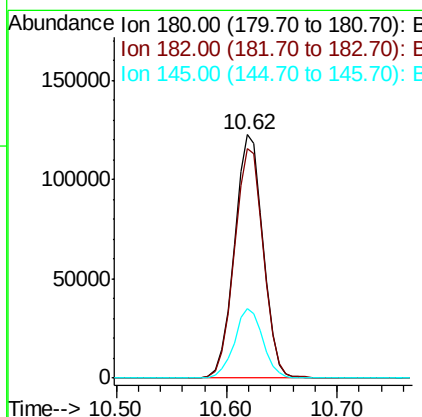
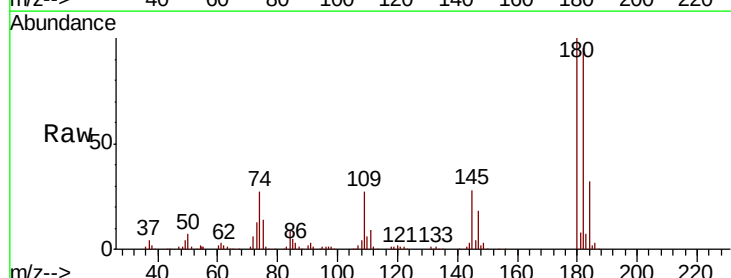
Instrument :
BNA_G
ClientSampled :

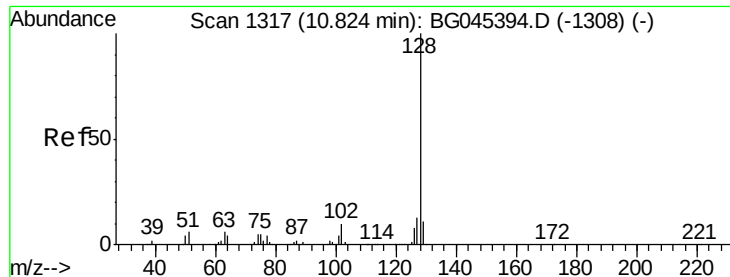
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	46.8	86.8
98	39.3	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 51.967 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	74.8	112.2
145	28.4	21.9	32.9

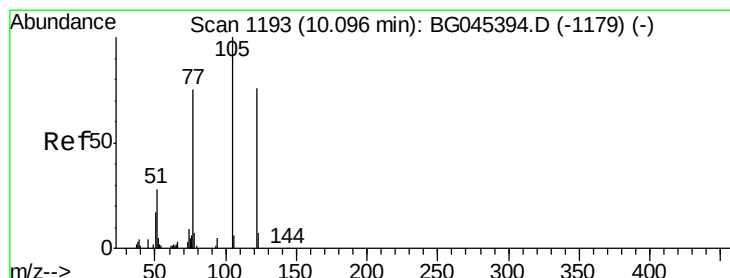
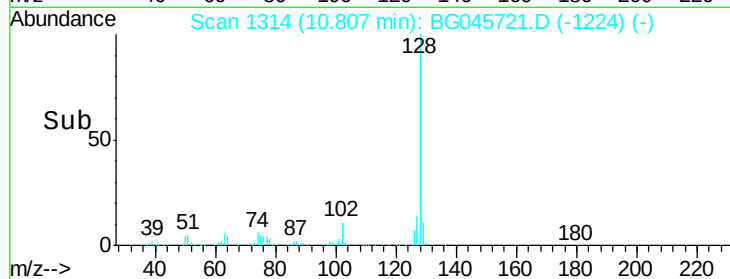
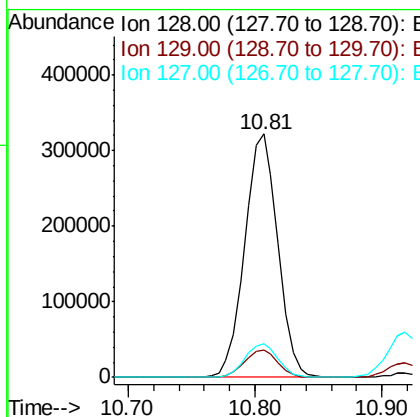
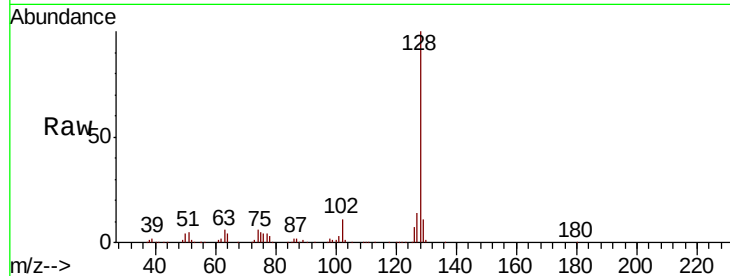




#31
Naphthalene
Concen: 50.818 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

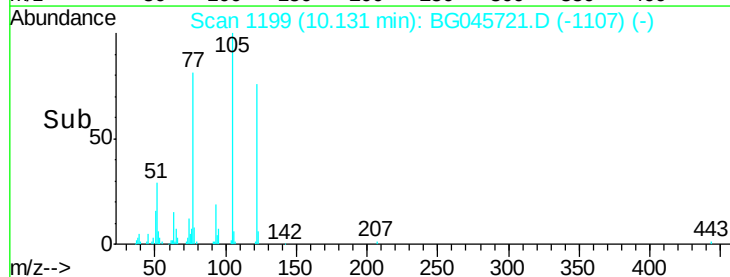
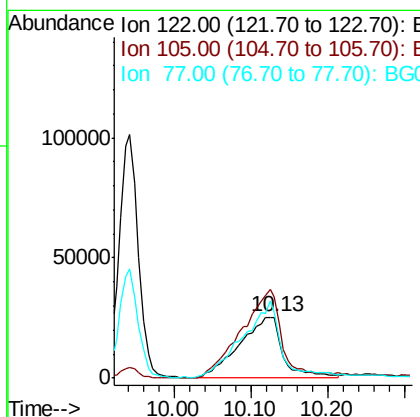
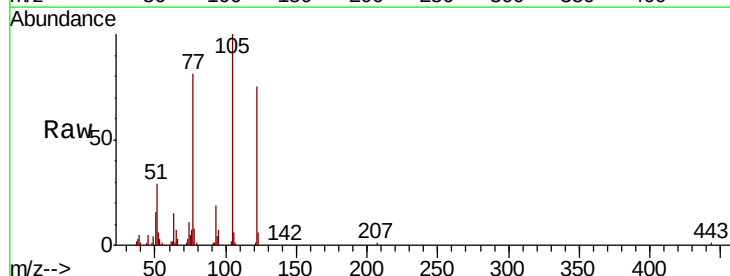
Instrument :
BNA_G
ClientSampleId :

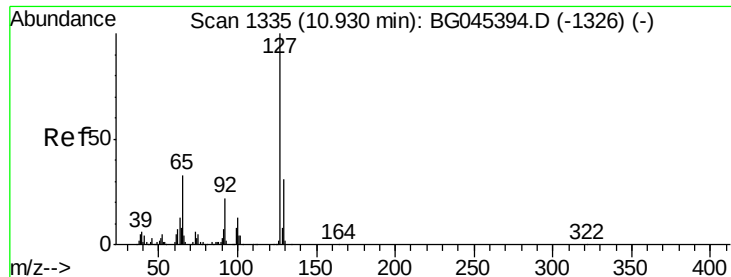
Tot Ion:128 Resp: 582471
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 46.908 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion:122 Resp: 97217
Ion Ratio Lower Upper
122 100
105 132.9 107.9 147.9
77 107.9 78.9 118.9

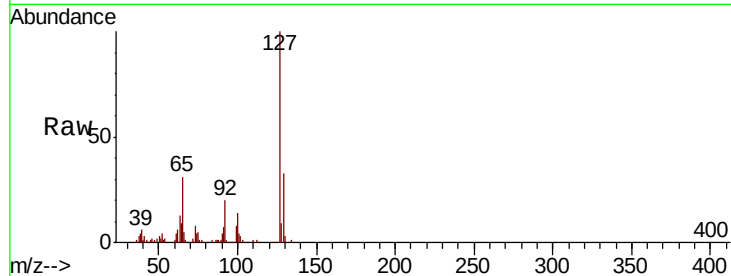




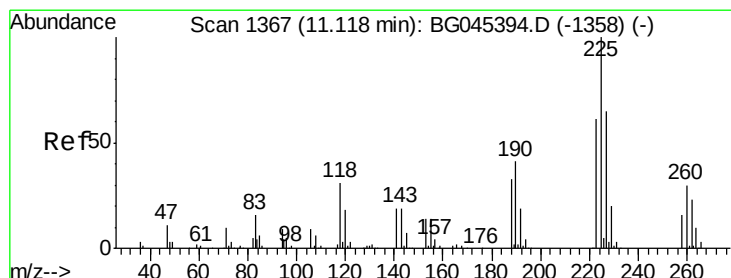
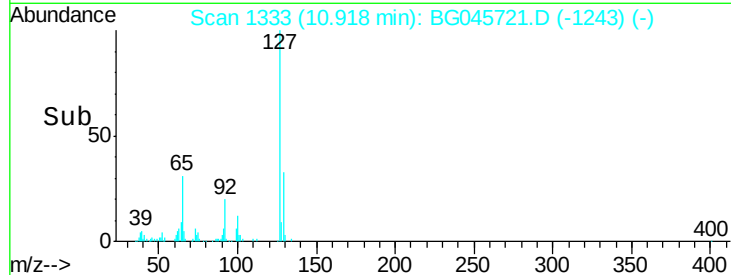
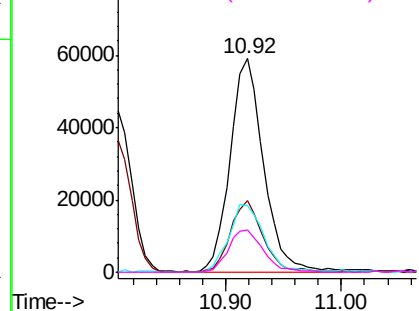
#33
4-Chloroaniline
Concen: 24.865 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	119130
Ion	Ratio	Lower Upper
127	100	
129	33.3	24.7 37.1
65	31.2	26.2 39.2
92	19.9	17.9 26.9

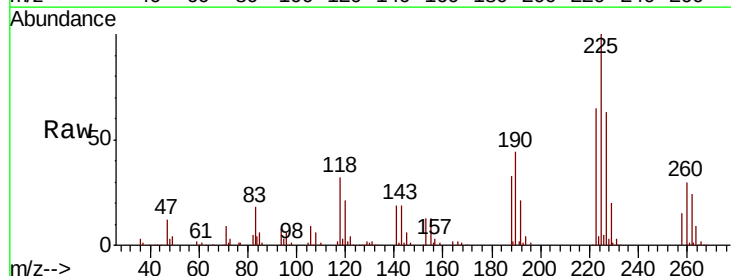


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

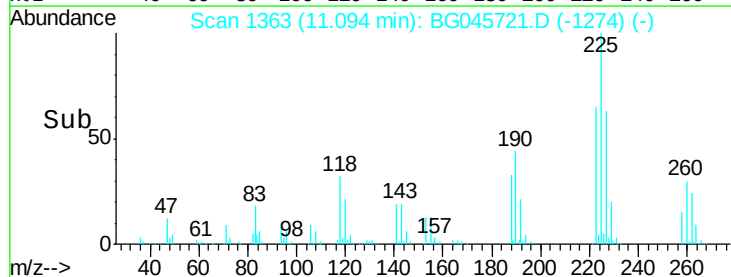
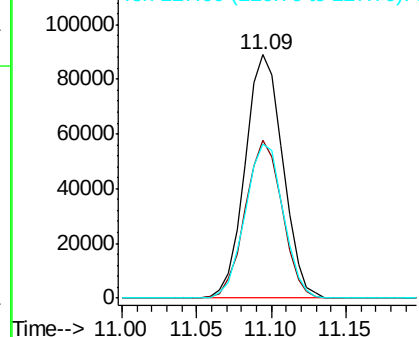


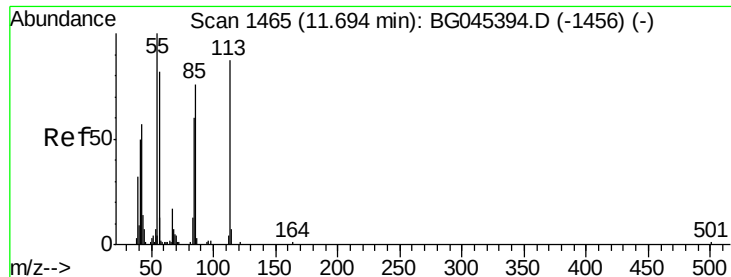
#34
Hexachlorobutadiene
Concen: 51.322 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion:225	Resp:	155212
Ion	Ratio	Lower Upper
225	100	
223	65.0	49.1 73.7
227	63.0	52.0 78.0



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

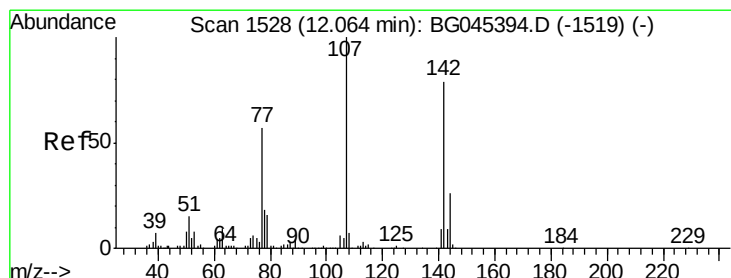
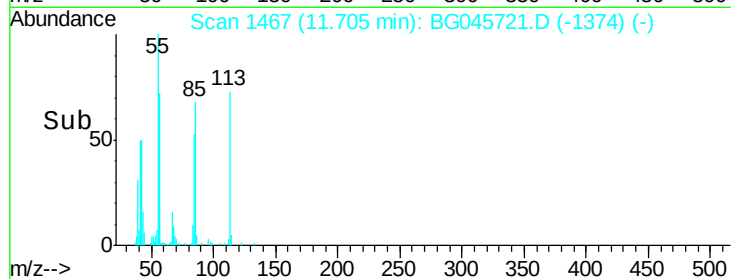
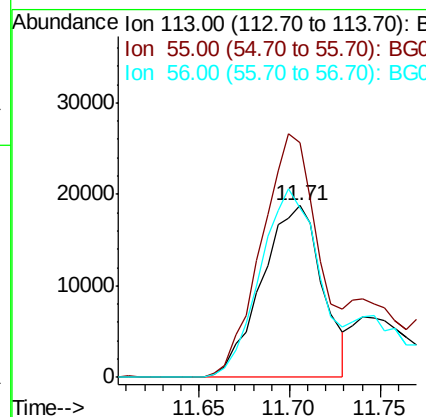
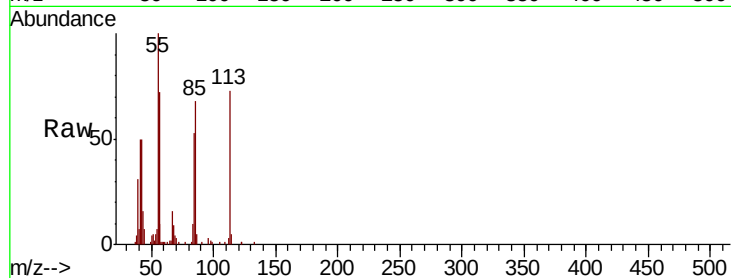




#35
 Caprolactam
 Concen: 32.784 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

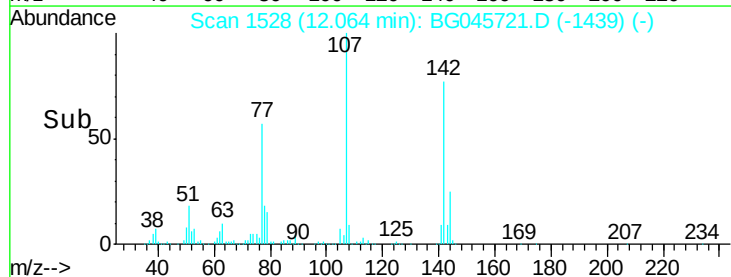
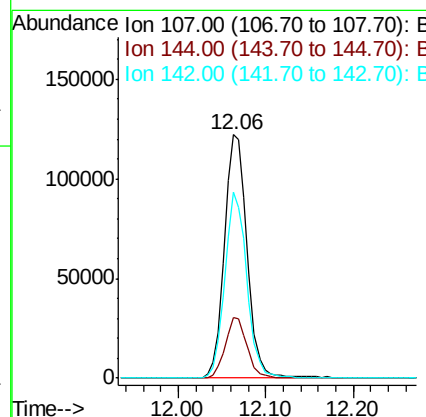
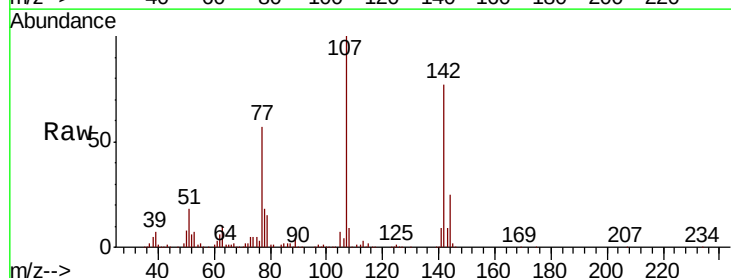
Instrument :
 BNA_G
 ClientSampleId :

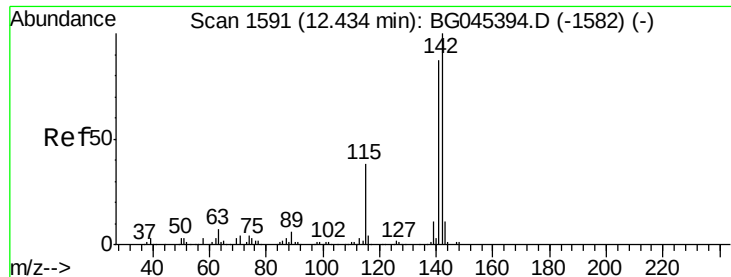
Tot Ion:113 Resp: 43569
 Ion Ratio Lower Upper
 113 100
 55 137.0 96.0 136.0#
 56 99.0 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 53.736 ng
 RT: 12.06 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Tgt Ion:107 Resp: 219239
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.8 31.2
 142 76.6 62.8 94.2

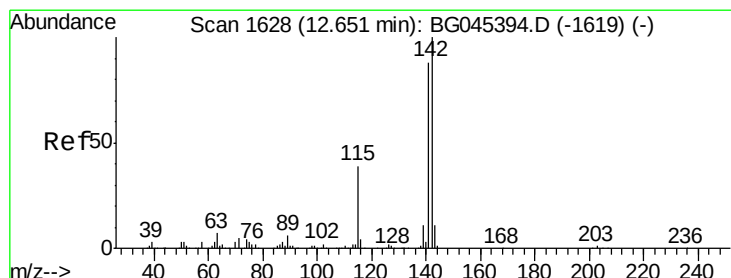
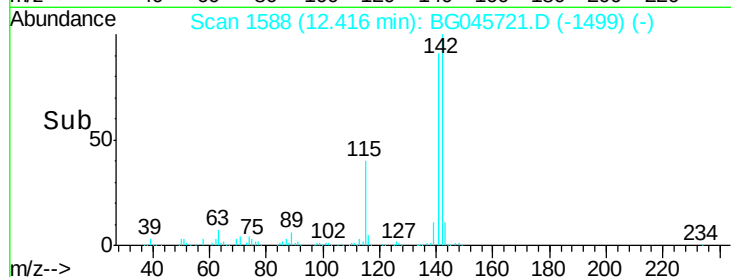
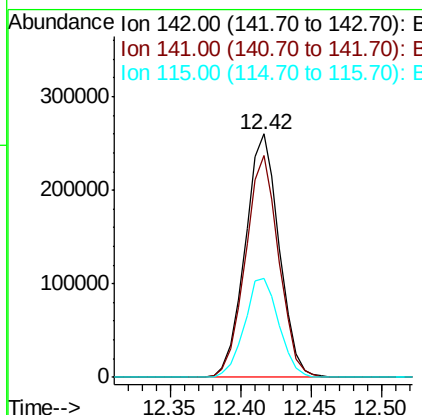
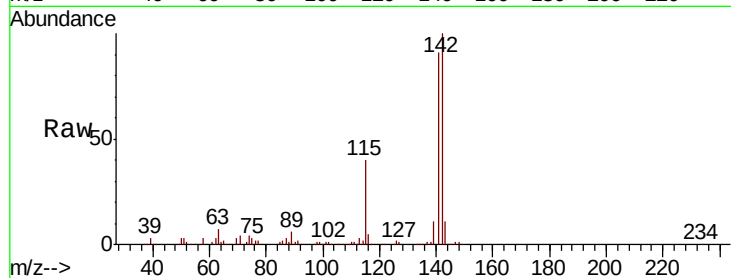




#37
2-Methylnaphthalene
Concen: 51.304 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

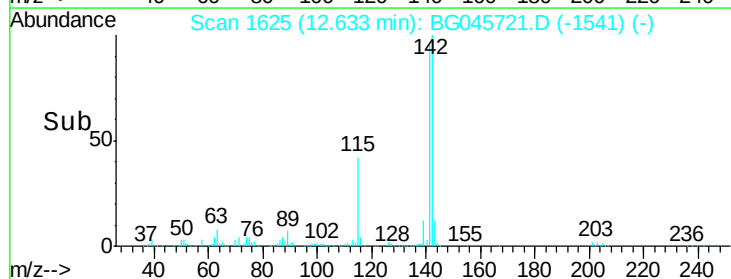
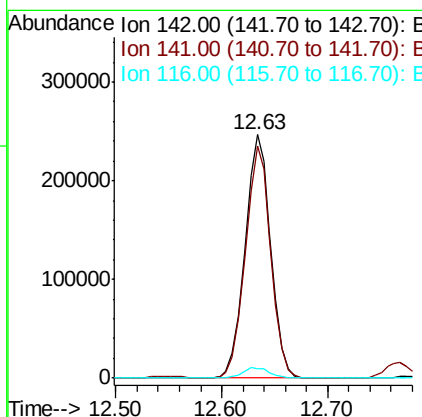
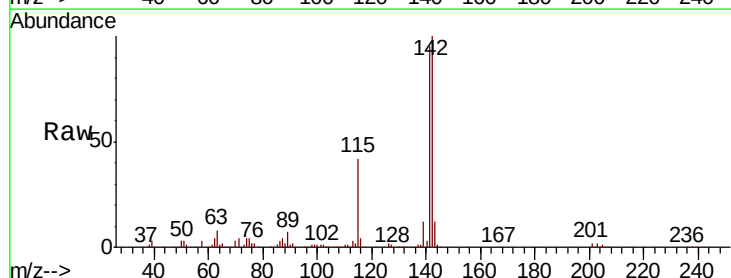
Instrument :
BNA_G
ClientSampleId :

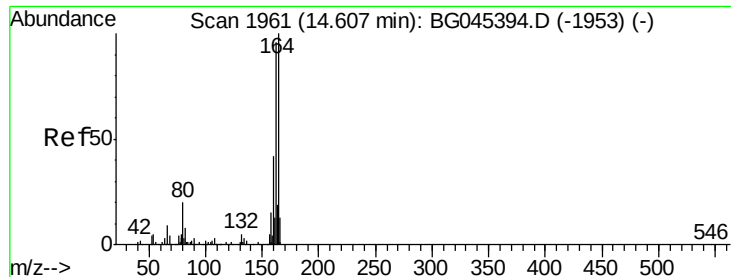
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.0	105.0
115	40.5	30.8	46.2



#38
1-Methylnaphthalene
Concen: 51.163 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	70.8	106.2
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampled :

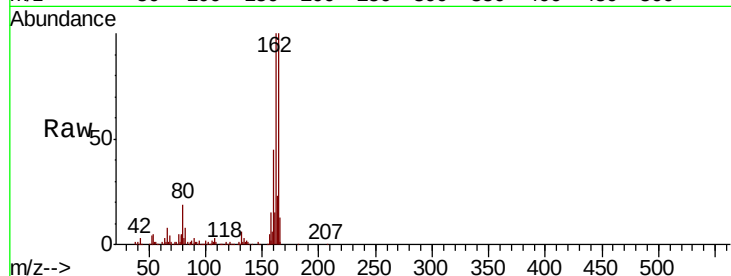
Tot Ion:164 Resp: 161748

Ion Ratio Lower Upper

164 100

162 100.2 76.9 115.3

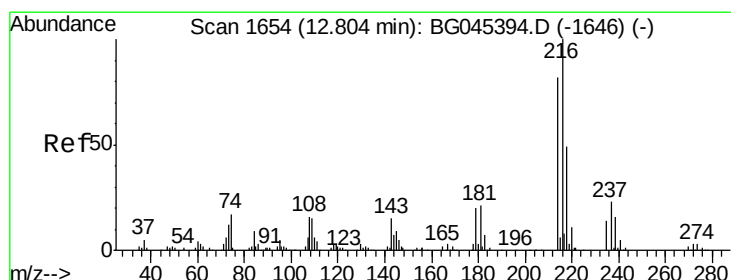
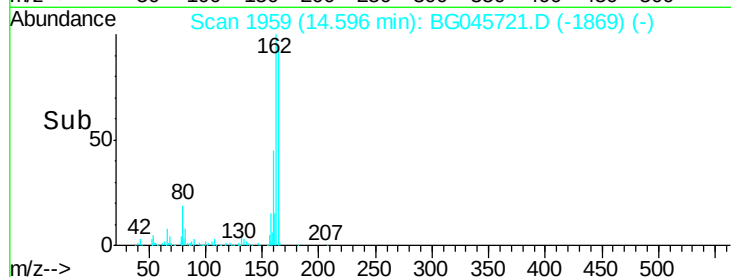
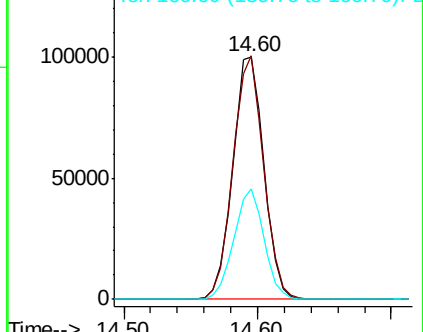
160 45.6 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.568 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Tgt Ion:216 Resp: 246532

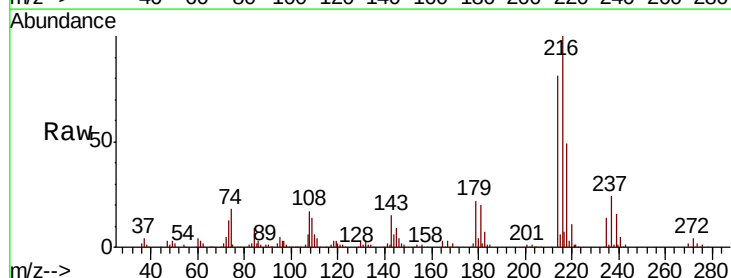
Ion Ratio Lower Upper

216 100

214 79.2 63.7 95.5

179 20.3 16.1 24.1

108 18.4 13.8 20.6

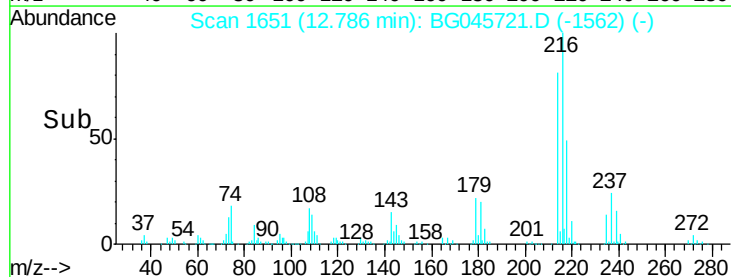
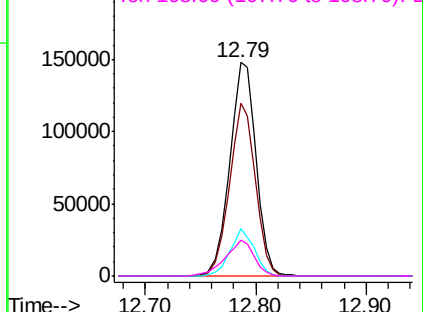


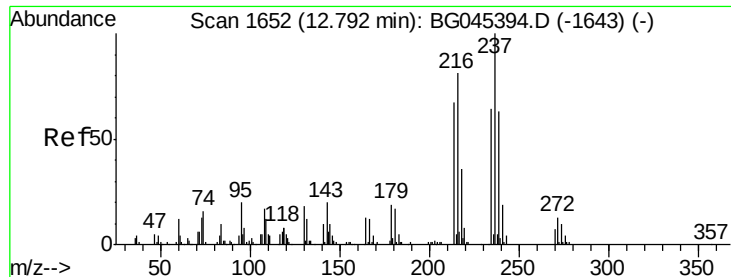
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

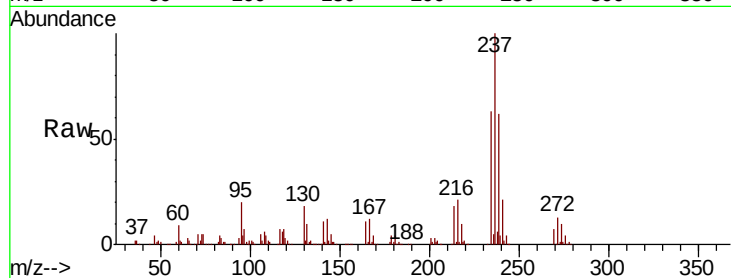




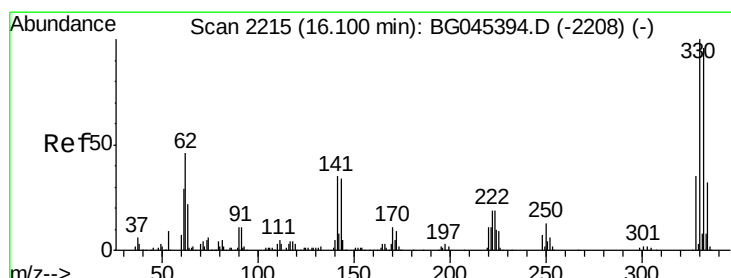
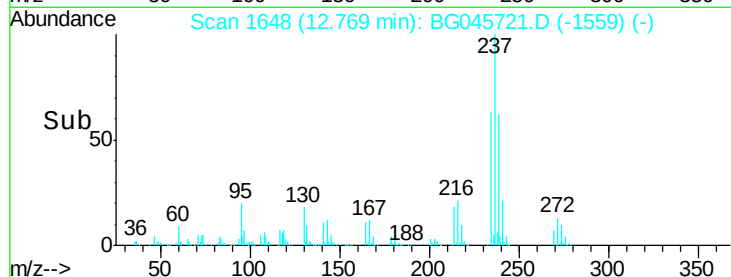
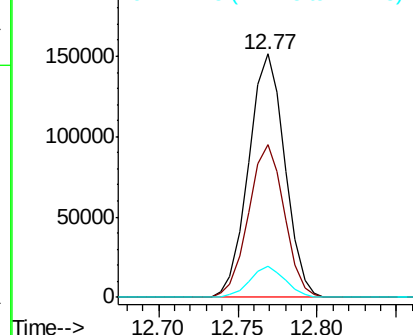
#41
Hexachlorocyclopentadiene
Concen: 92.146 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.4	84.4
272	12.5	0.0	32.5

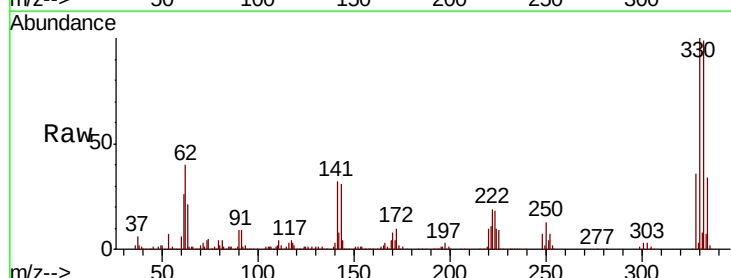


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

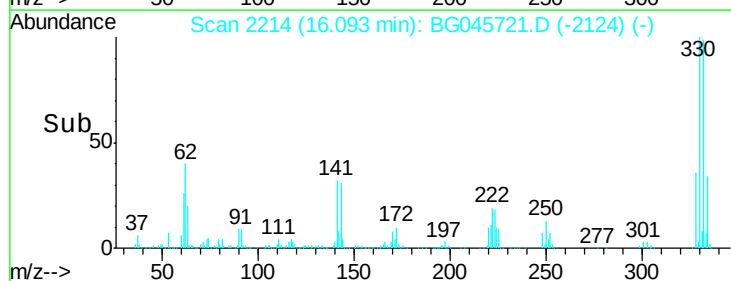
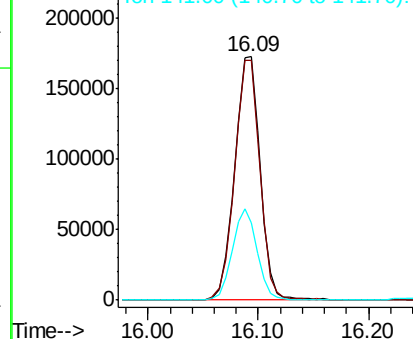


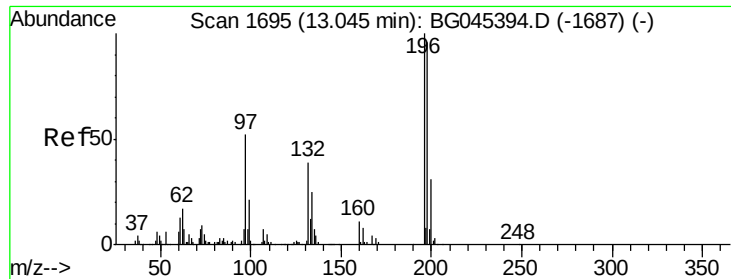
#42
2,4,6-Tribromophenol
Concen: 135.404 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.4
141	36.8	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

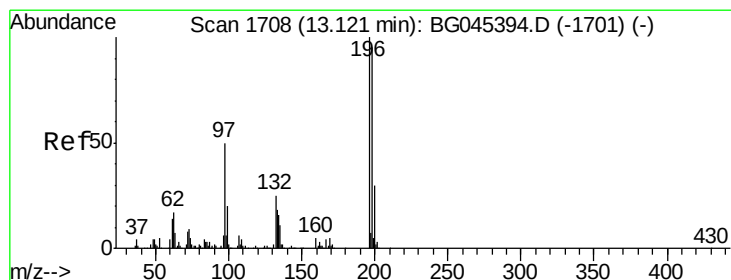
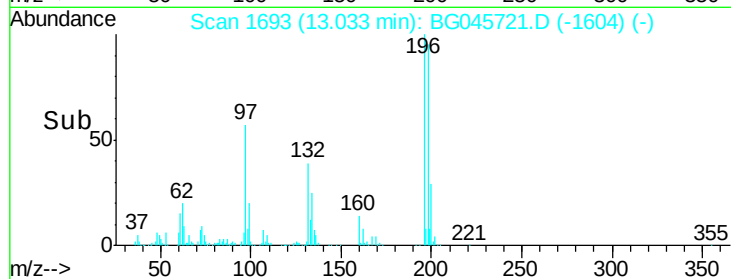
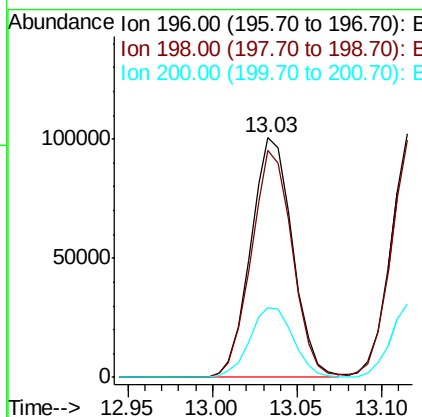
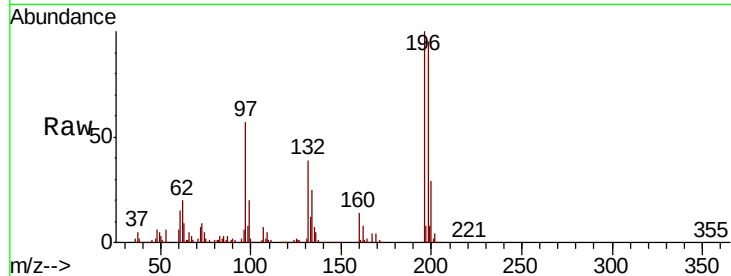




#43
 2,4,6-Trichlorophenol
 Concen: 54.764 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

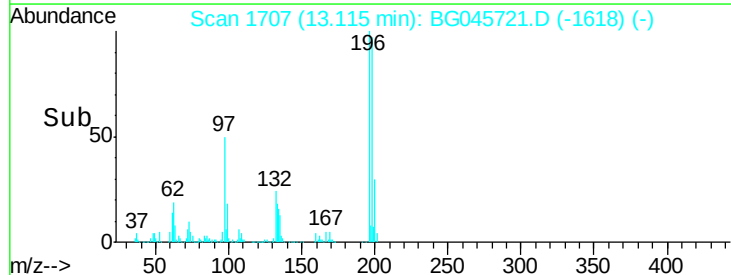
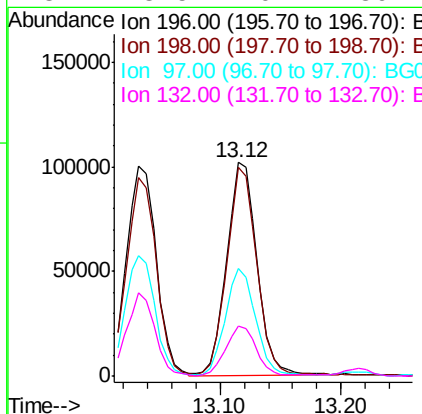
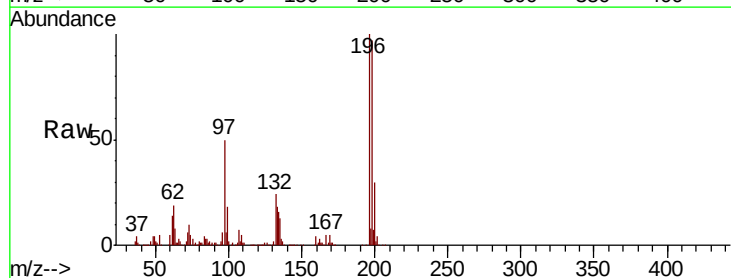
Instrument :
 BNA_G
 ClientSampled :

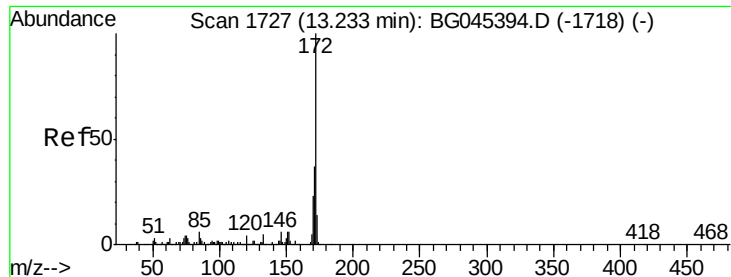
Tot Ion:196 Resp: 171870
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.7 115.1
 200 28.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.606 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Tgt Ion:196 Resp: 177904
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.1 114.1
 97 50.3 40.0 60.0
 132 23.5 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 102.239 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

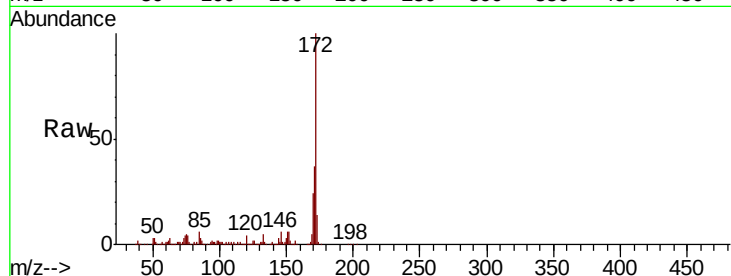
Tot Ion:172 Resp: 974940

Ion Ratio Lower Upper

172 100

171 36.7 29.5 44.3

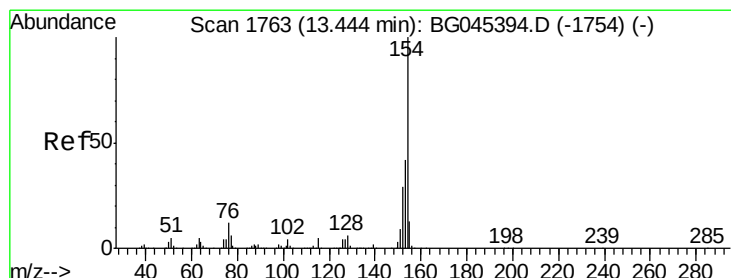
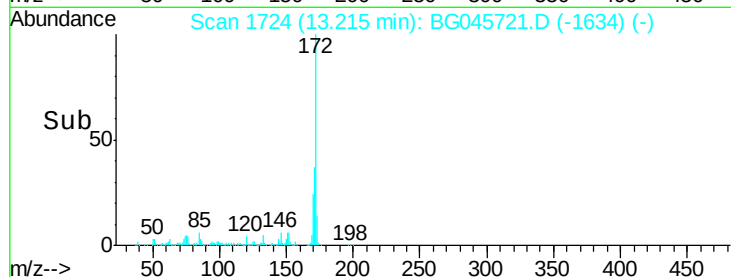
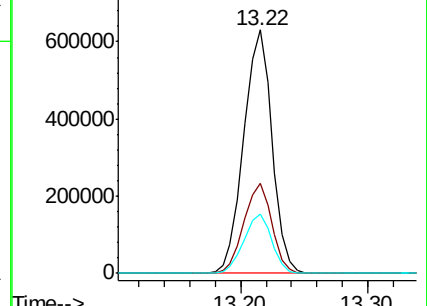
170 24.4 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 55.006 ng

RT: 13.43 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

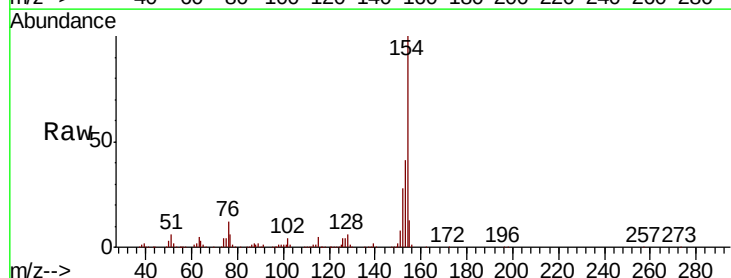
Tgt Ion:154 Resp: 546684

Ion Ratio Lower Upper

154 100

153 41.4 22.2 62.2

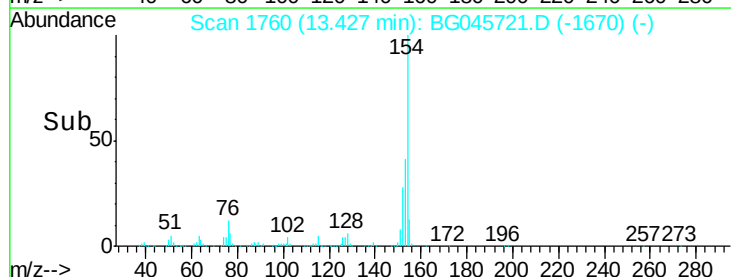
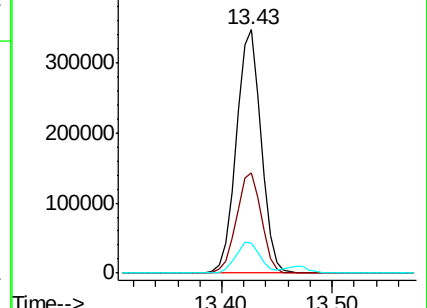
76 12.2 0.0 32.4

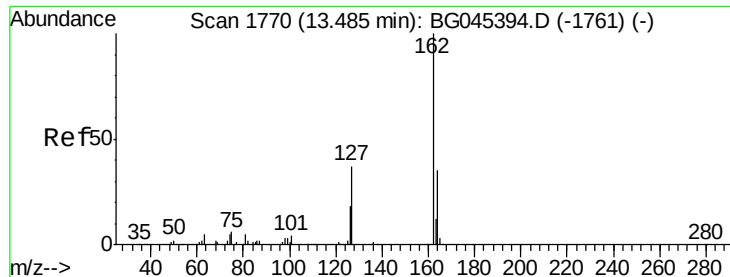


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

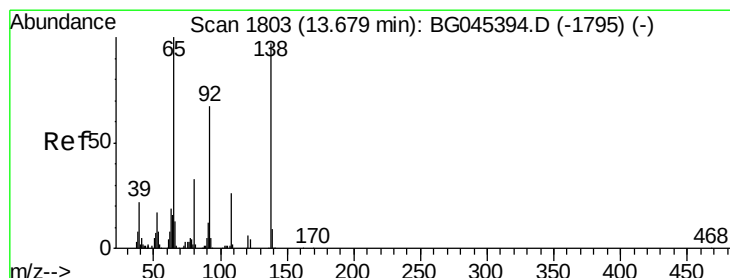
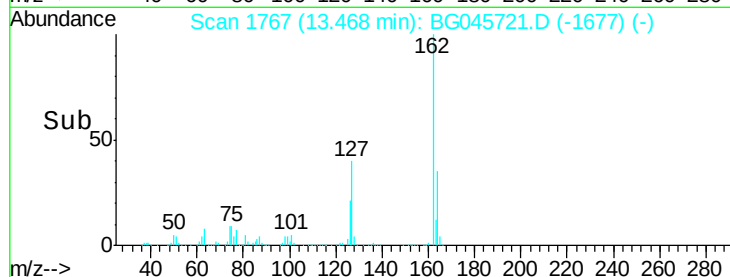
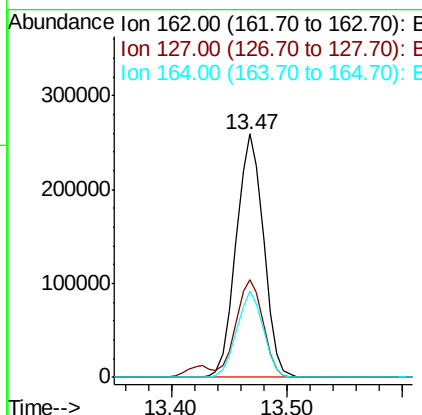
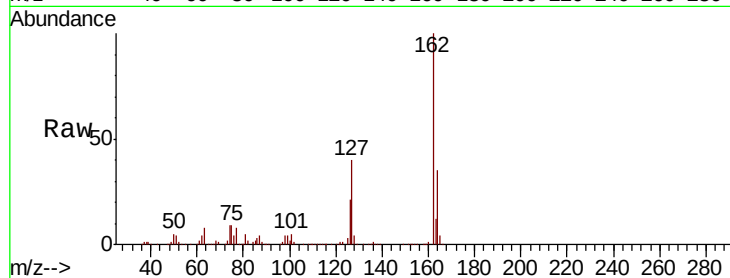




#47
2-Chloronaphthalene
Concen: 52.635 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

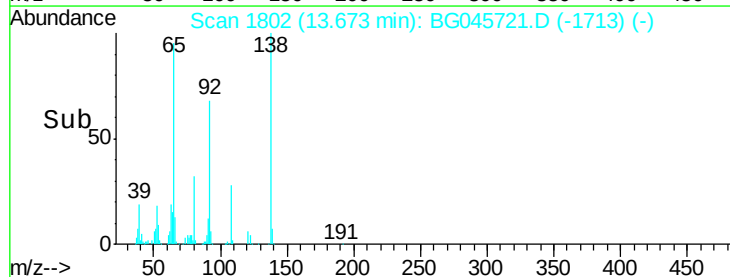
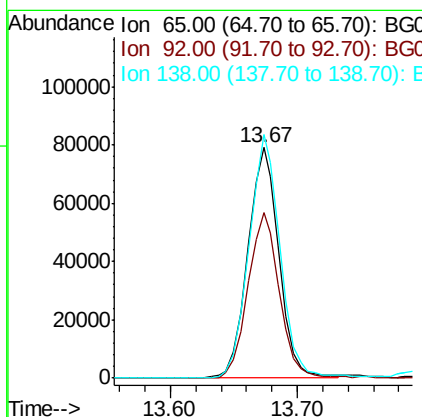
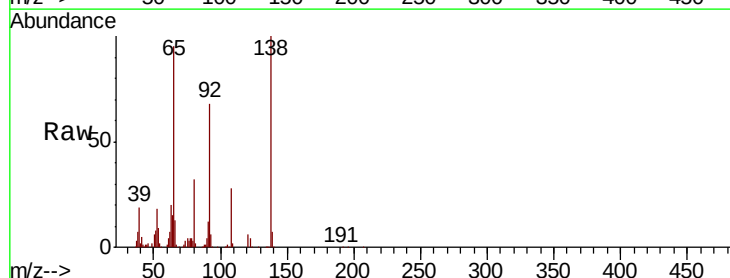
Instrument :
BNA_G
ClientSampleId :

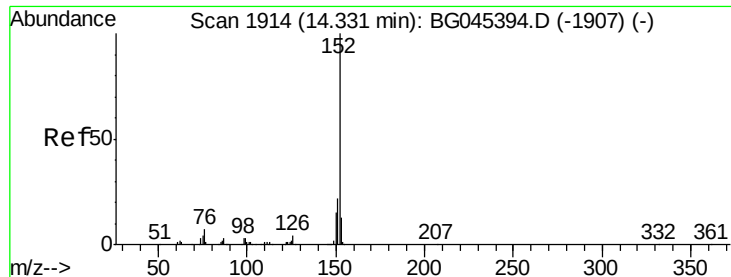
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.6	47.4
164	35.2	28.1	42.1



#48
2-Nitroaniline
Concen: 50.778 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.8	80.8
138	105.7	77.9	116.9





#49

Acenaphthylene

Concen: 51.467 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampled :

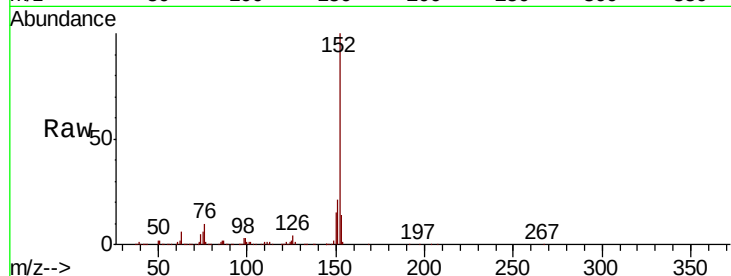
Tot Ion:152 Resp: 667190

Ion Ratio Lower Upper

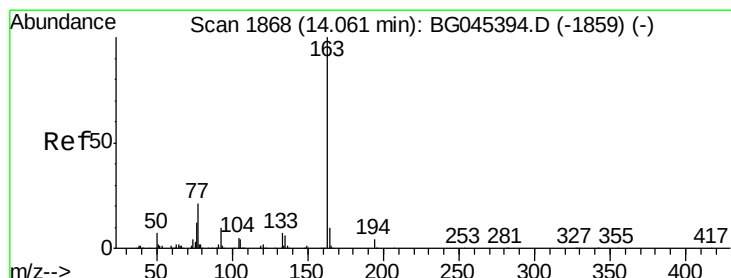
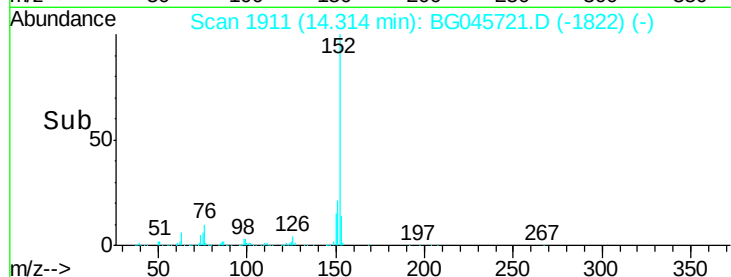
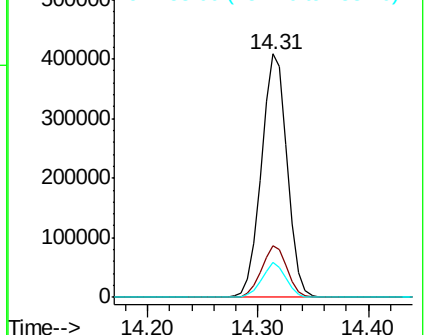
152 100

151 21.0 17.4 26.2

153 14.2 10.7 16.1



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



#50

Dimethylphthalate

Concen: 48.729 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

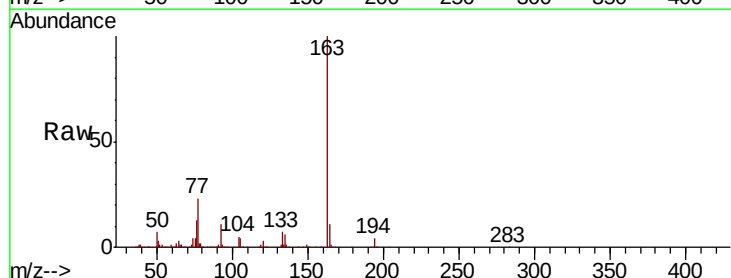
Tgt Ion:163 Resp: 540686

Ion Ratio Lower Upper

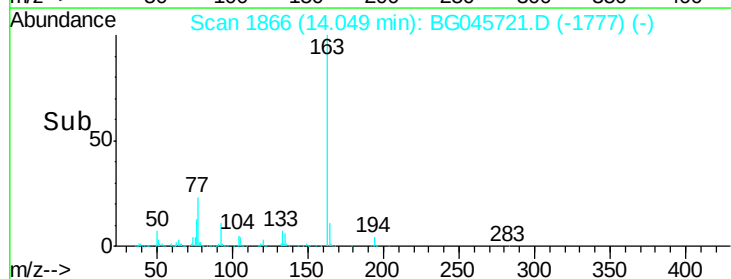
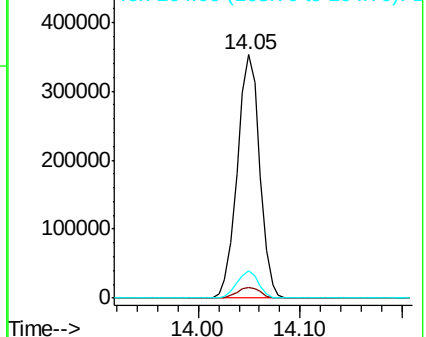
163 100

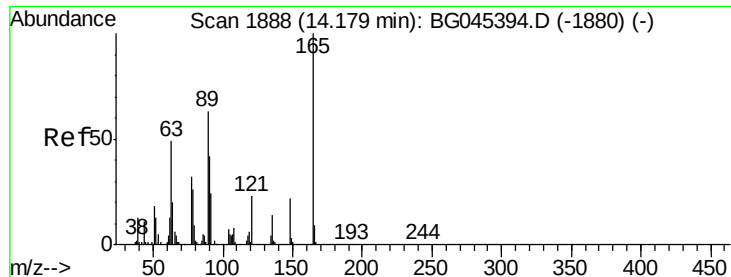
194 4.4 3.2 4.8

164 11.5 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

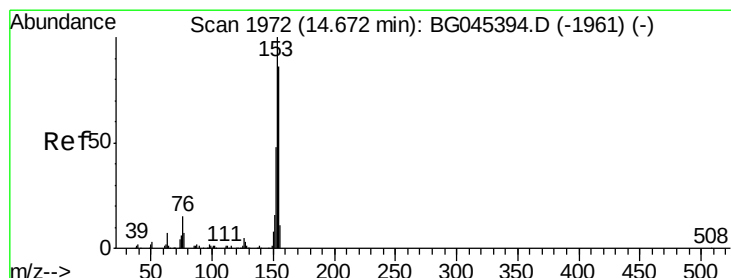
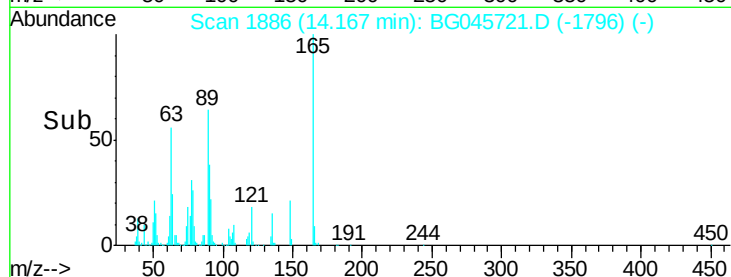
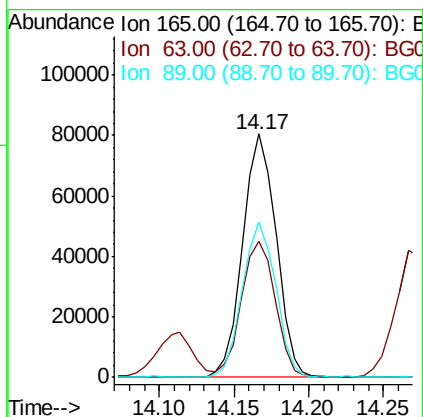
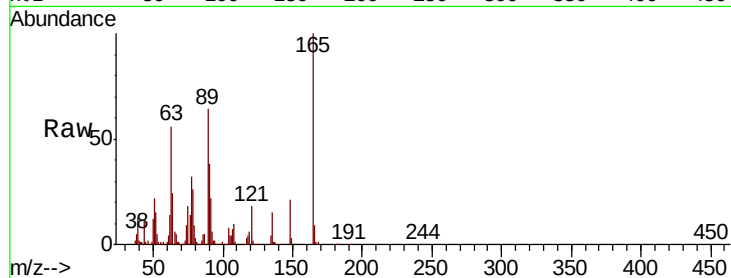




#51
 2,6-Dinitrotoluene
 Concen: 49.991 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

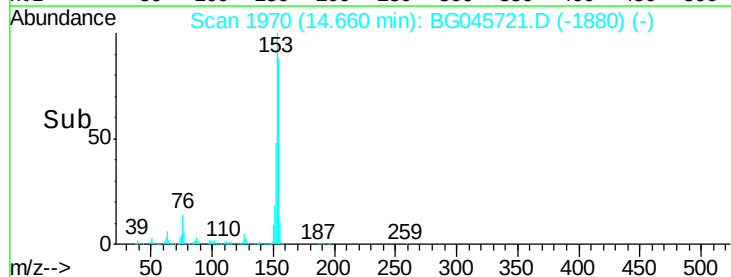
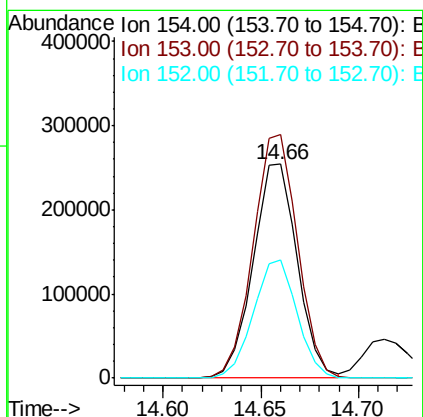
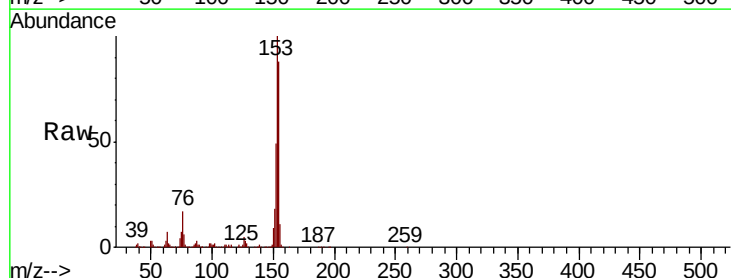
Instrument :
 BNA_G
 ClientSampleId :

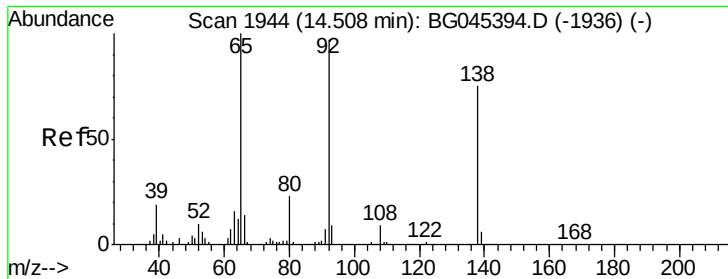
Tot Ion:165 Resp: 125167
 Ion Ratio Lower Upper
 165 100
 63 56.0 45.0 67.4
 89 64.0 50.2 75.4



#52
 Acenaphthene
 Concen: 45.993 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Tgt Ion:154 Resp: 399098
 Ion Ratio Lower Upper
 154 100
 153 113.8 92.8 139.2
 152 55.3 44.6 66.8

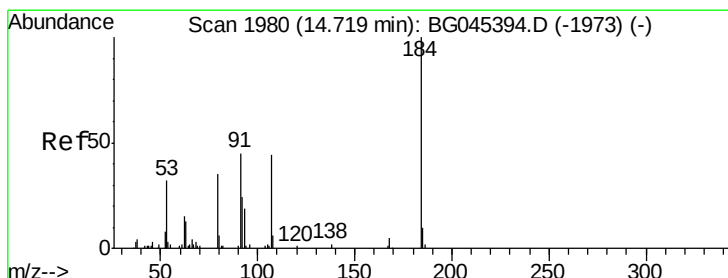
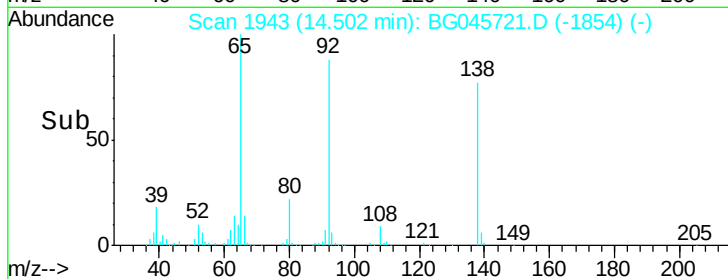
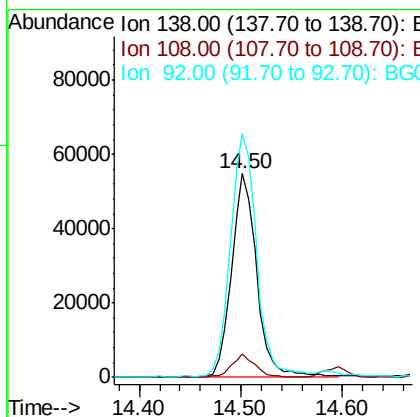
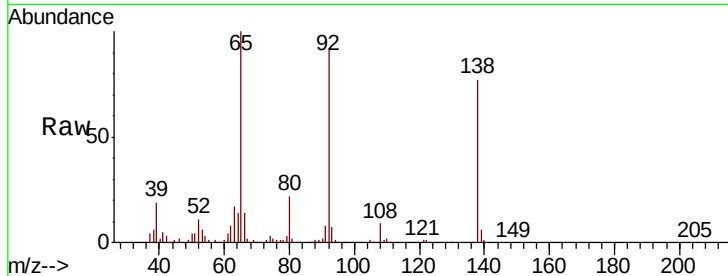




#53
 3-Nitroaniline
 Concen: 37.046 ng
 RT: 14.50 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

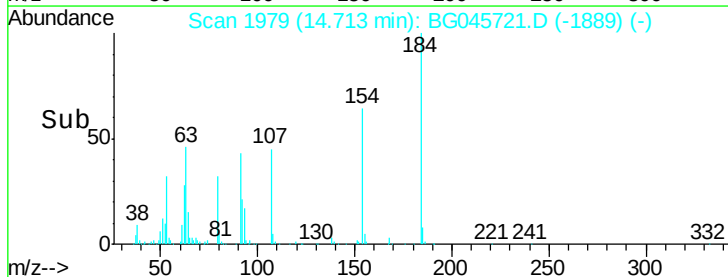
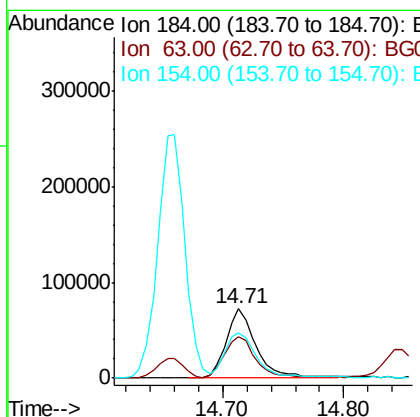
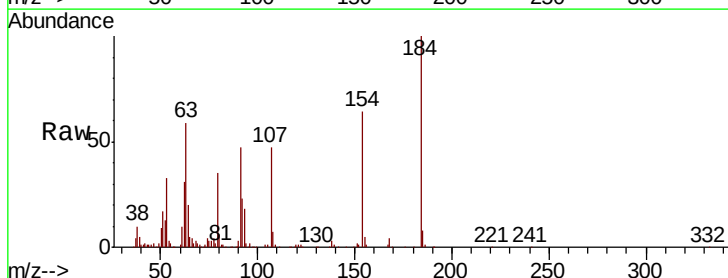
Instrument :
 BNA_G
 ClientSampleId :

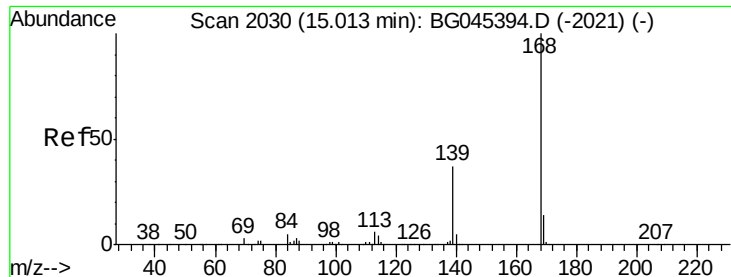
Tot Ion:138 Resp: 94289
 Ion Ratio Lower Upper
 138 100
 108 11.5 9.8 14.6
 92 119.8 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 76.489 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Tgt Ion:184 Resp: 125030
 Ion Ratio Lower Upper
 184 100
 63 59.0 47.8 71.6
 154 64.4 58.3 87.5

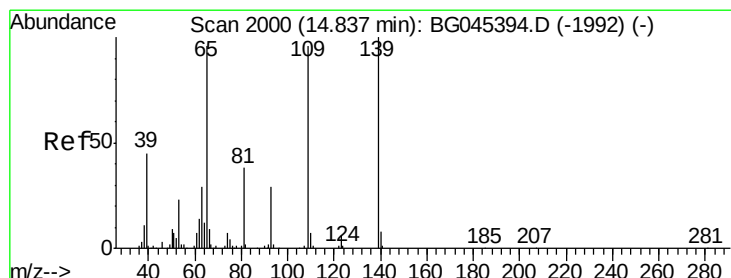
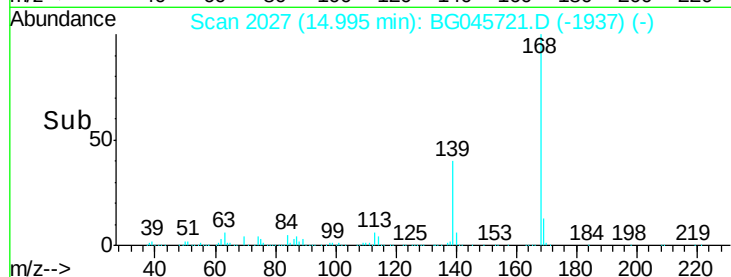
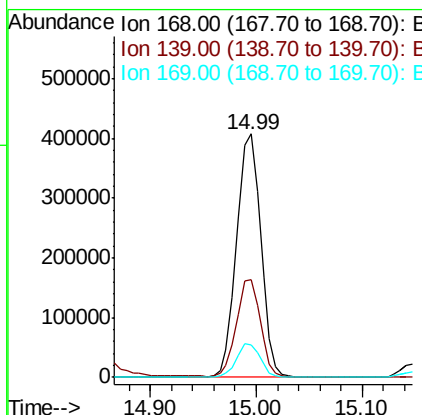
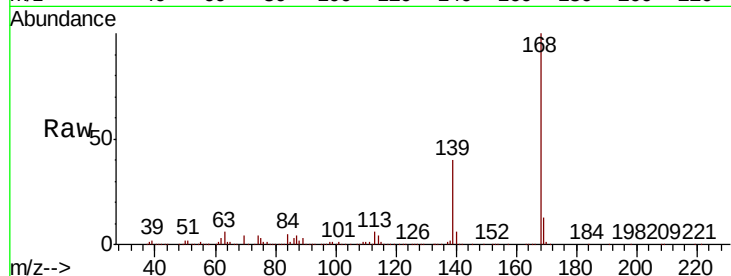




#55
Dibenzofuran
Concen: 50.169 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

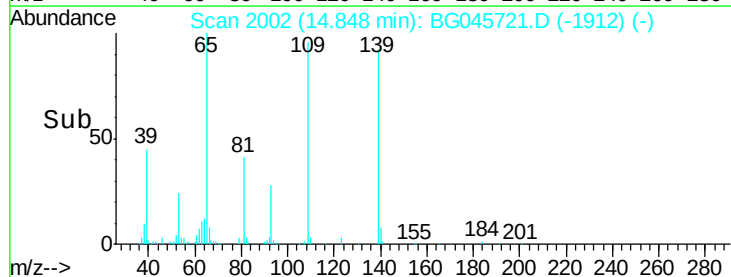
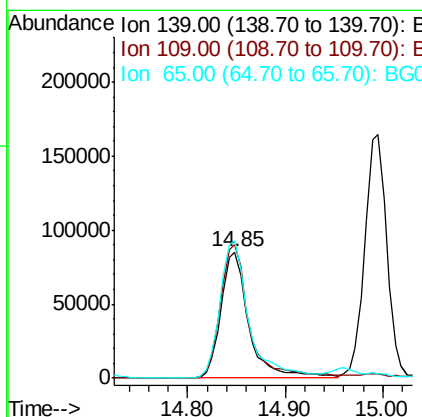
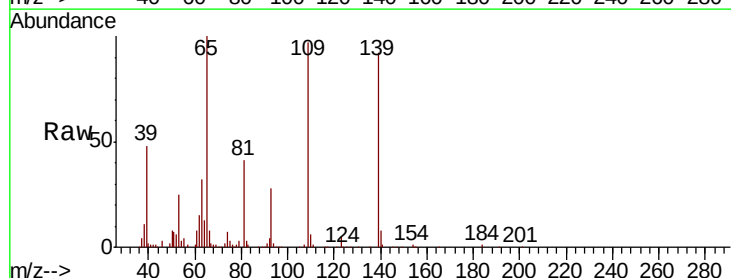
Instrument :
BNA_G
ClientSampleId :

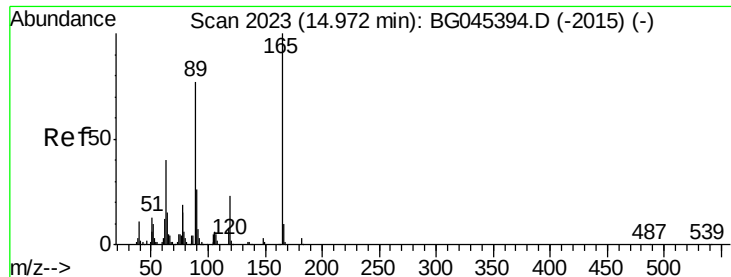
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	29.9	44.9
169	13.1	10.9	16.3



#56
4-Nitrophenol
Concen: 87.868 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.1	75.6	115.6
65	108.8	76.8	116.8

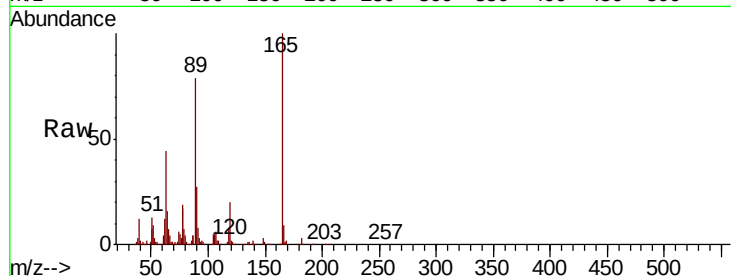




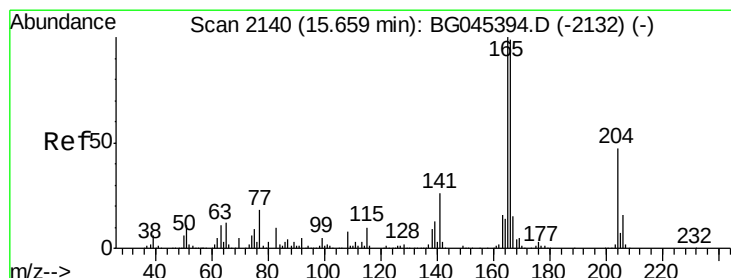
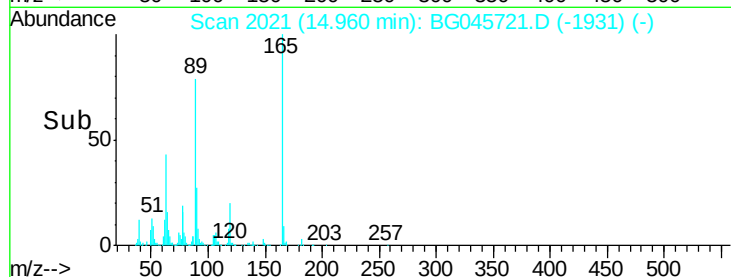
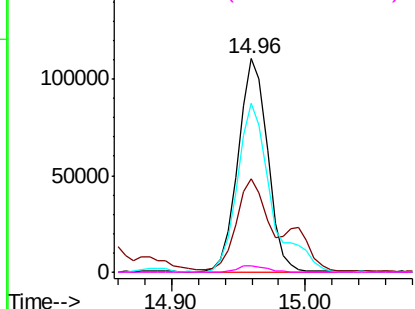
#57
2,4-Dinitrotoluene
Concen: 46.820 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 169774
Ion Ratio Lower Upper
165 100
63 43.6 32.5 48.7
89 79.1 61.8 92.6
182 2.9 2.3 3.5

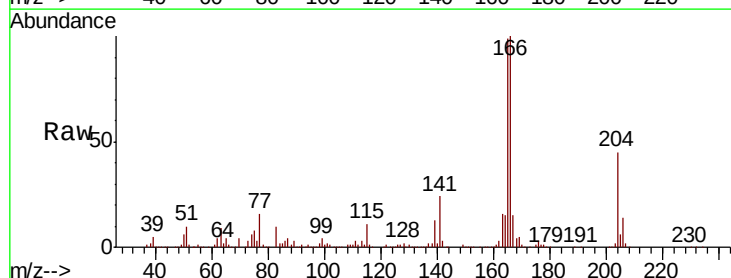


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

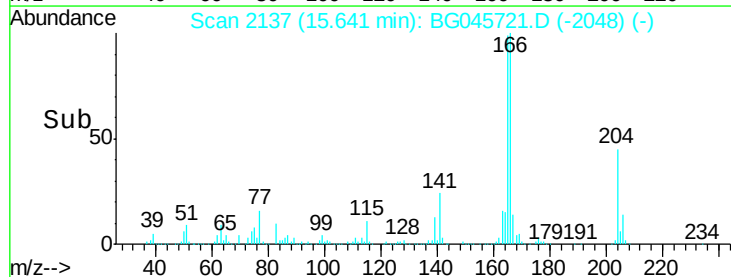
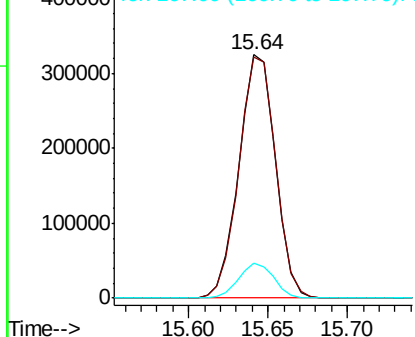


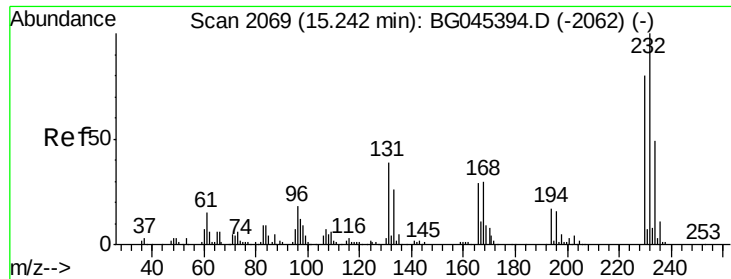
#58
Fluorene
Concen: 48.948 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion:166 Resp: 518193
Ion Ratio Lower Upper
166 100
165 99.1 80.8 121.2
167 14.5 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

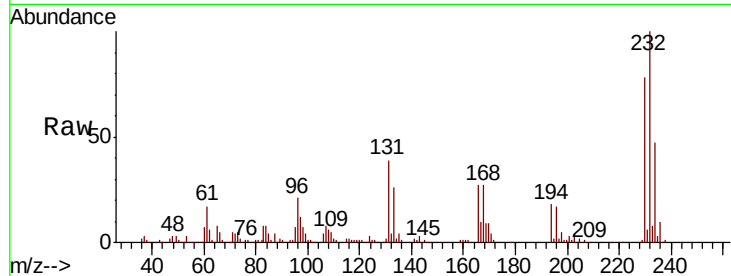




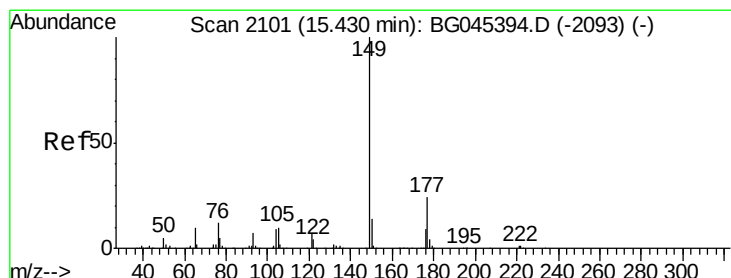
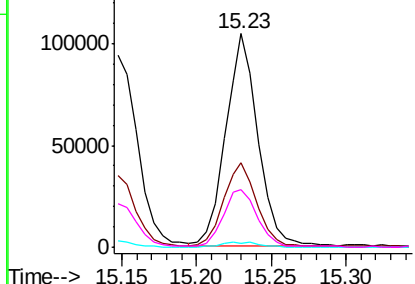
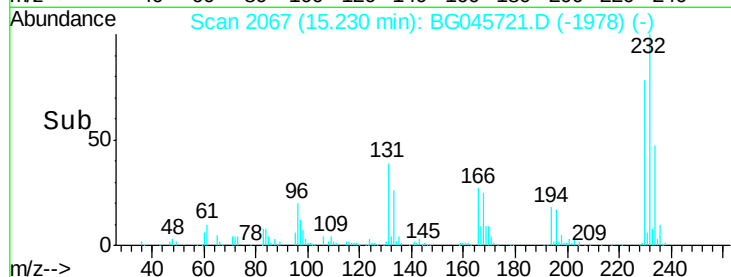
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.716 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	156865
Ion Ratio	Lower	Upper
232	100	
131	41.2	33.7 50.5
130	2.9	2.1 3.1
166	29.7	23.2 34.8

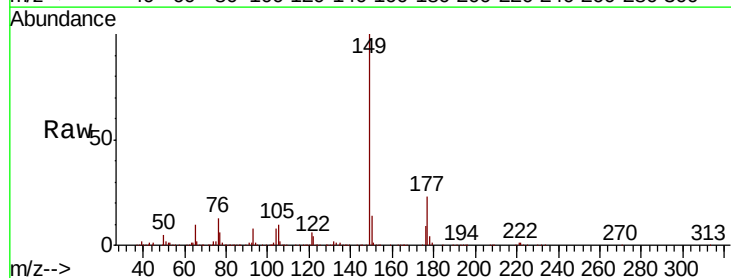


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

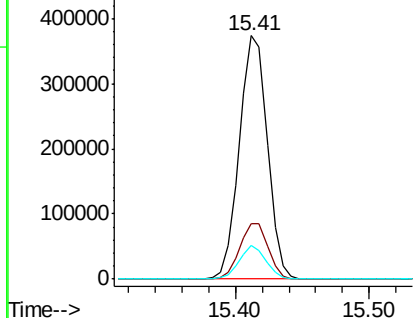
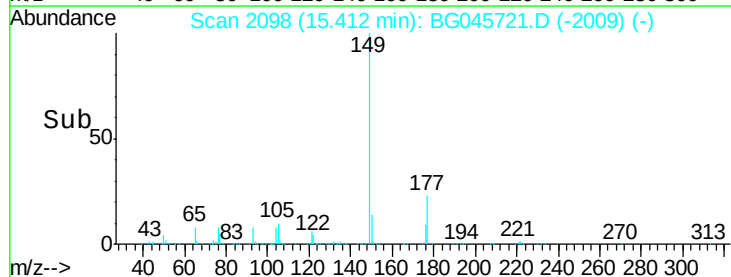


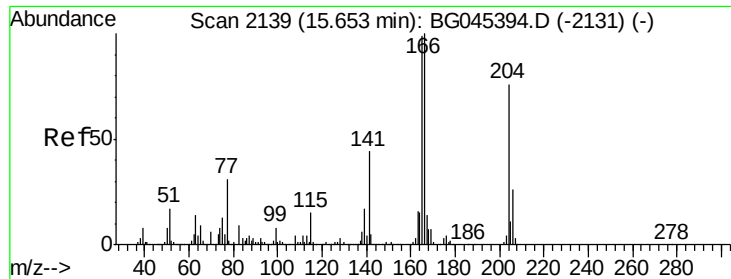
#60
 Diethylphthalate
 Concen: 46.875 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Tgt Ion:149	Resp:	541350
Ion Ratio	Lower	Upper
149	100	
177	22.8	19.0 28.4
150	13.7	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

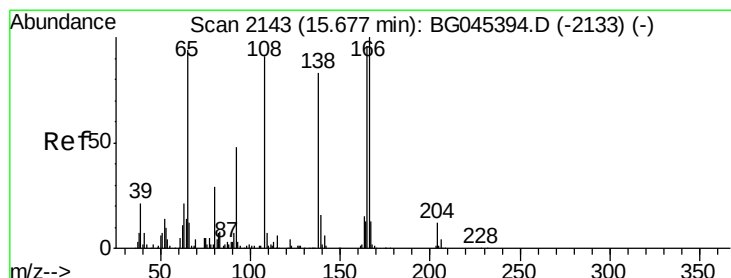
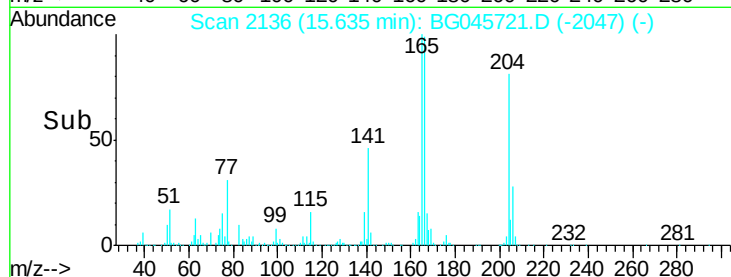
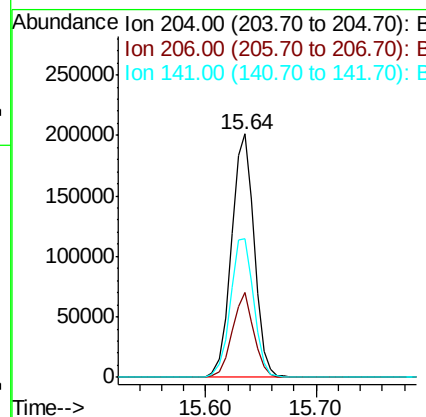
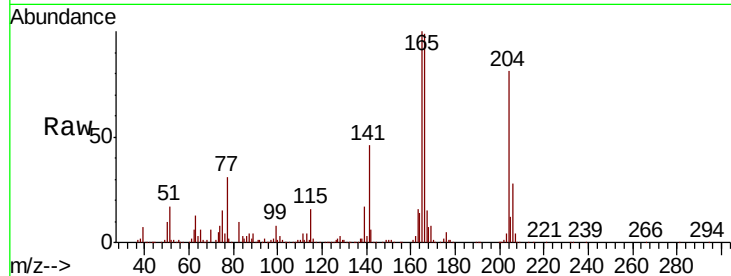




#61
4-Chlorophenyl-phenylether
Concen: 47.776 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

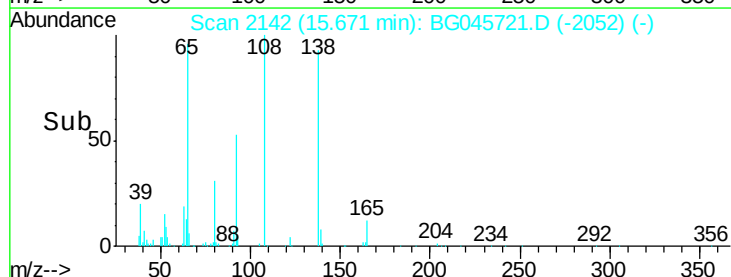
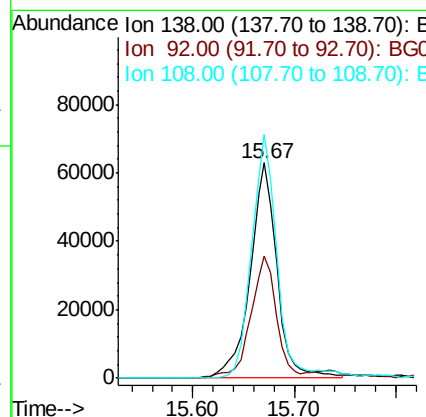
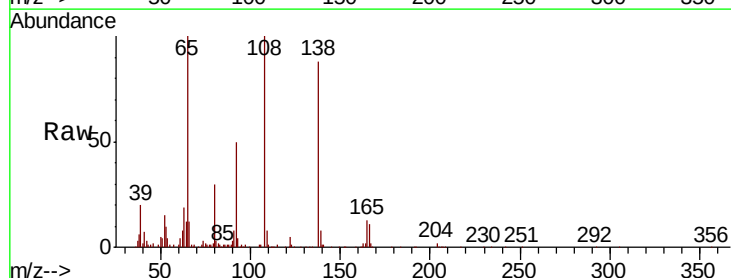
Instrument :
BNA_G
ClientSampled :

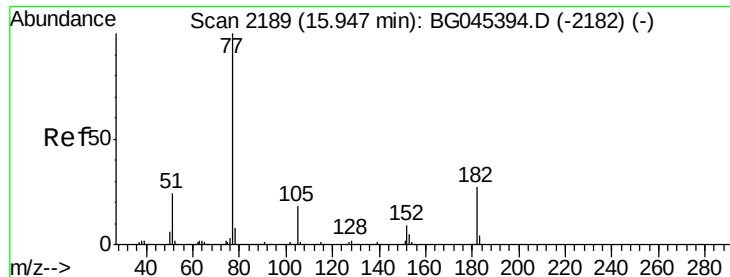
Tot Ion:204 Resp: 289432
Ion Ratio Lower Upper
204 100
206 35.0 27.3 40.9
141 56.8 45.9 68.9



#62
4-Nitroaniline
Concen: 43.489 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion:138 Resp: 115553
Ion Ratio Lower Upper
138 100
92 56.8 38.0 78.0
108 113.3 89.3 129.3

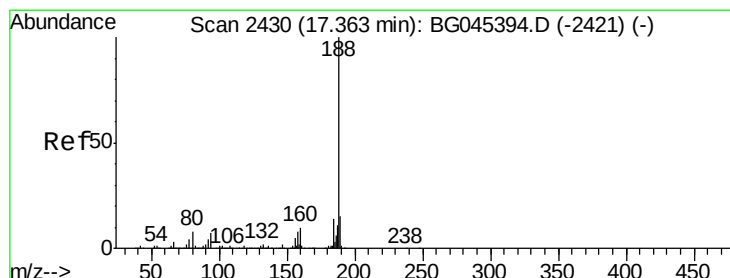
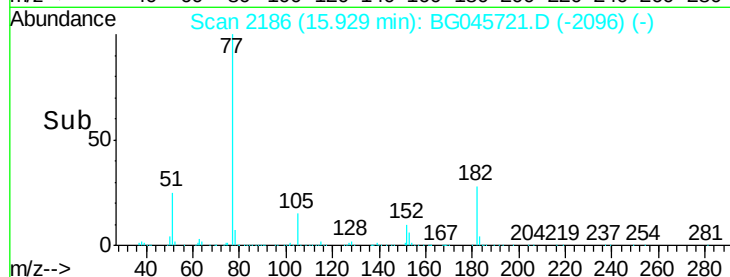
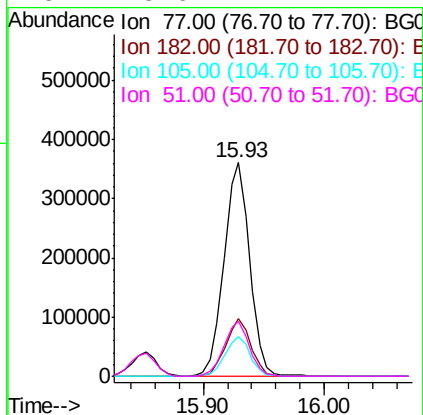
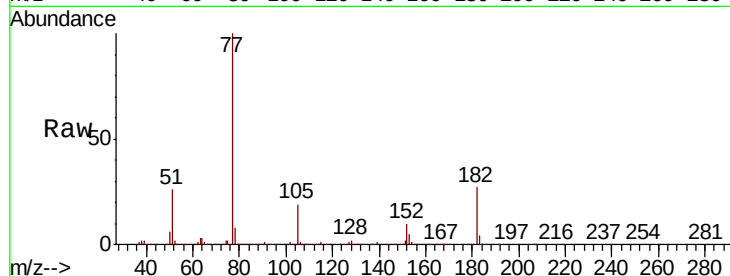




#63
Azobenzene
Concen: 48.845 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

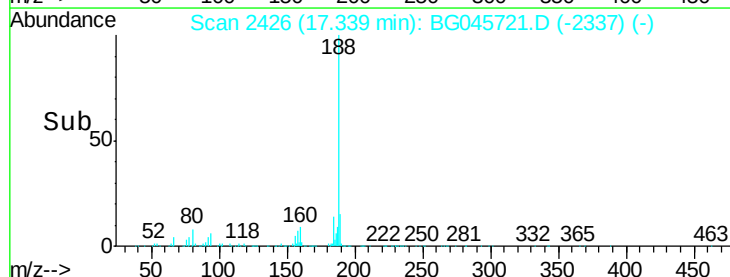
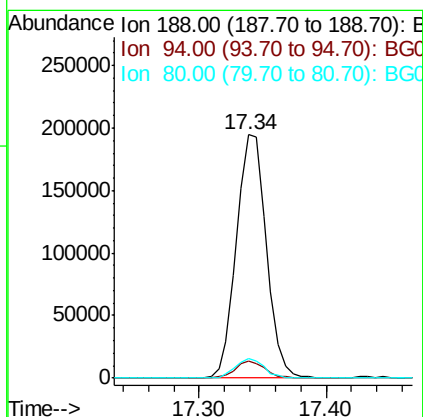
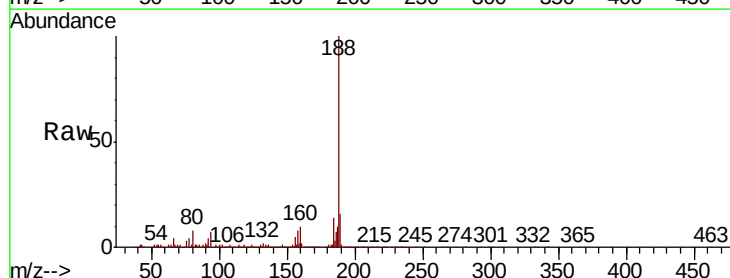
Instrument :
BNA_G
ClientSampleId :

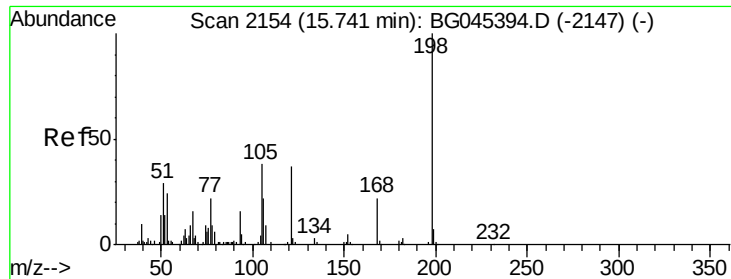
Tot Ion:	77	Resp:	525998
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.5	46.5
105	18.6	0.0	37.9
51	25.6	4.1	44.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion:	188	Resp:	318466
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	8.1	6.6	10.0

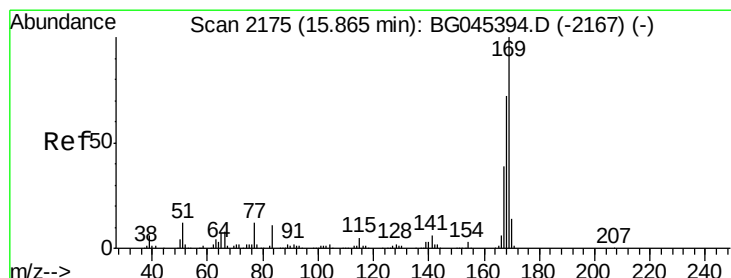
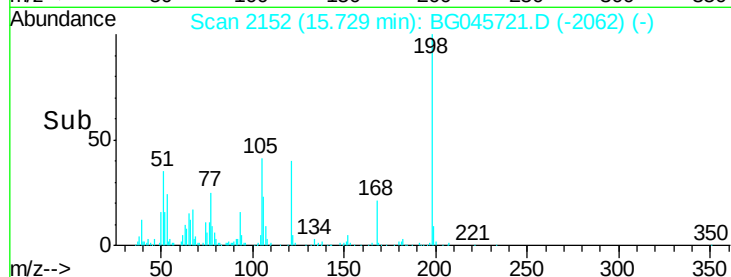
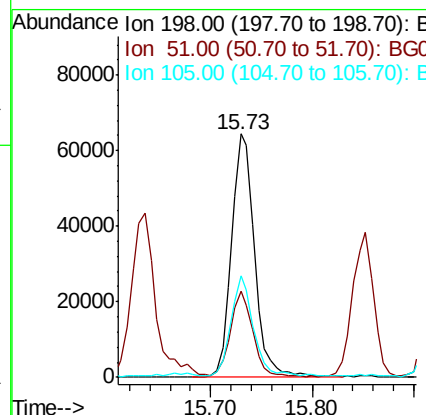
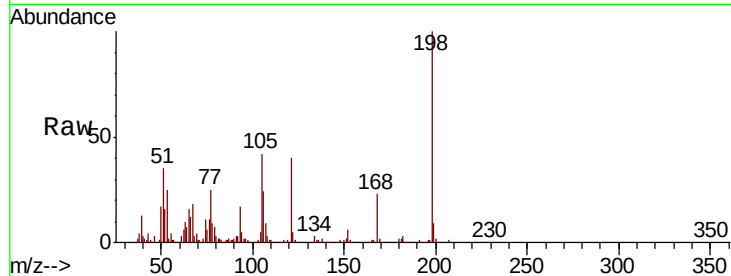




#65
4,6-Dinitro-2-methylphenol
Concen: 54.765 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

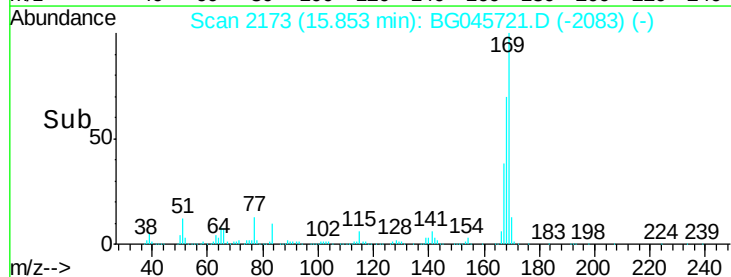
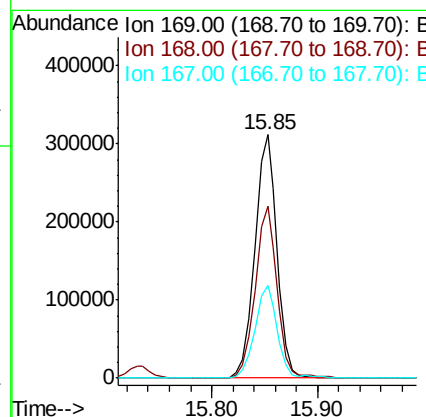
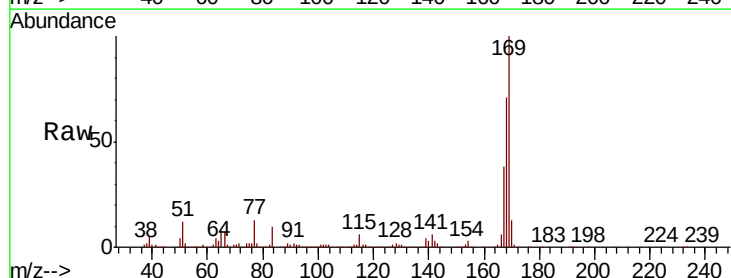
Instrument :
BNA_G
ClientSampleId :

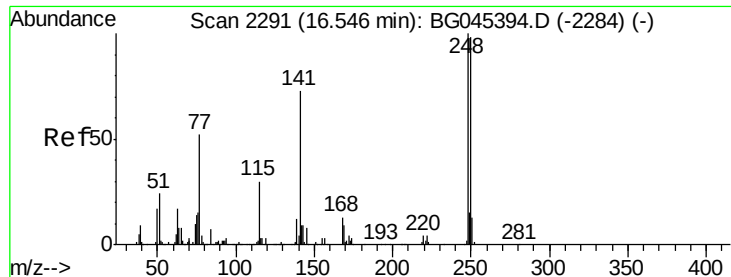
Tot Ion:198 Resp: 101575
Ion Ratio Lower Upper
198 100
51 35.5 10.0 50.0
105 41.8 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 59.292 ng
RT: 15.85 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion:169 Resp: 453371
Ion Ratio Lower Upper
169 100
168 70.5 57.8 86.6
167 37.8 31.5 47.3

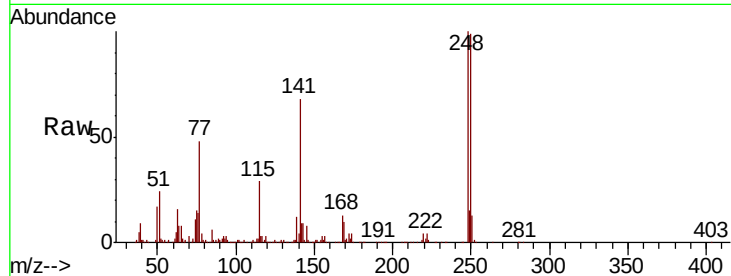




#67
4-Bromophenyl-phenylether
Concen: 55.720 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.6	117.8
141	67.6	58.2	87.2

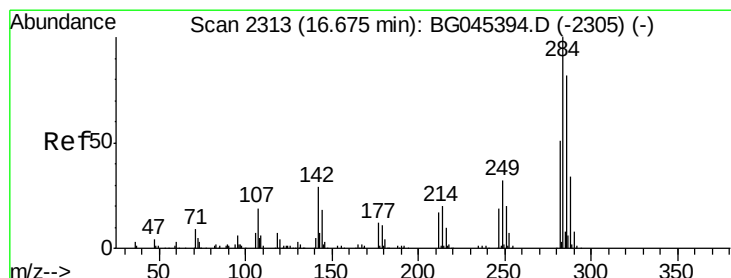
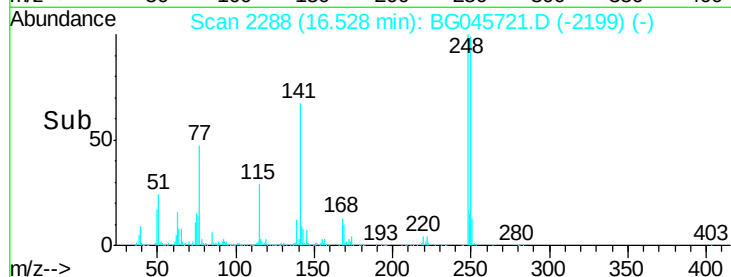
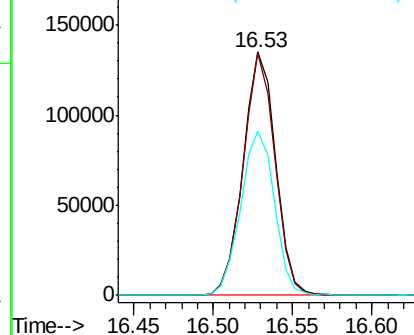


Abundance

Ion 248.00 (247.70 to 248.70): E

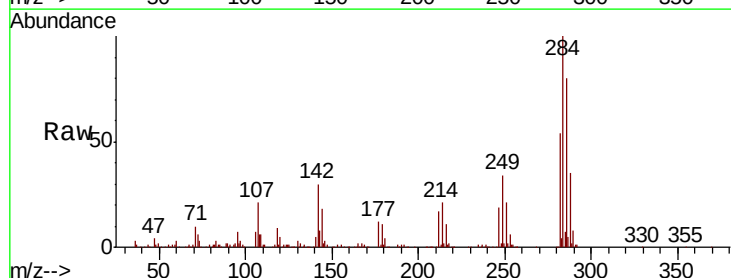
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 55.690 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	23.0	34.6
249	34.2	25.8	38.6

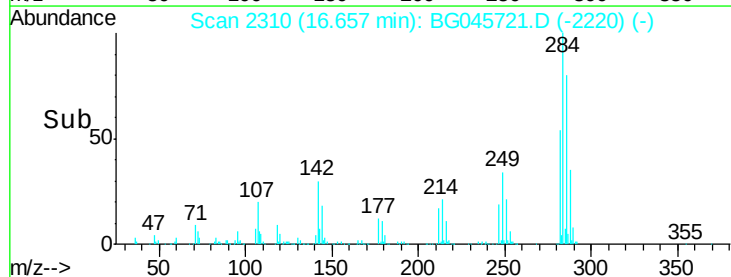
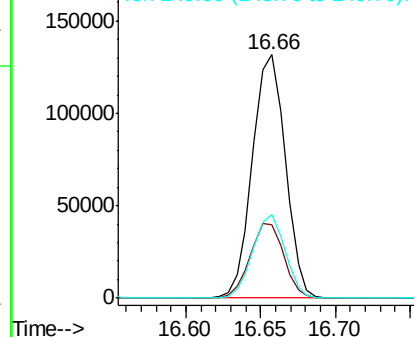


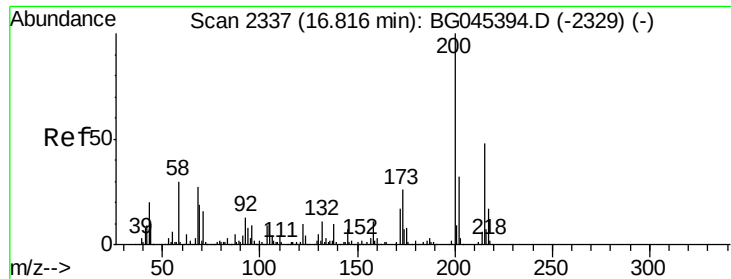
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.992 ng

RT: 16.80 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

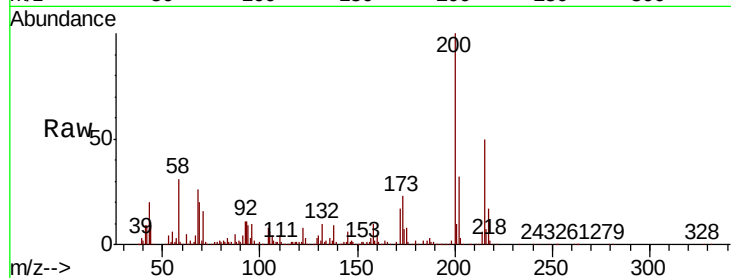
Tot Ion:200 Resp: 160595

Ion Ratio Lower Upper

200 100

173 23.0 5.5 45.5

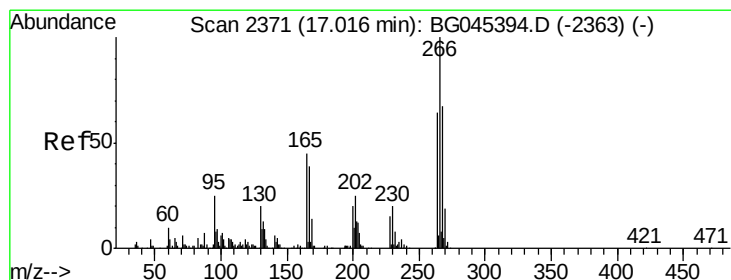
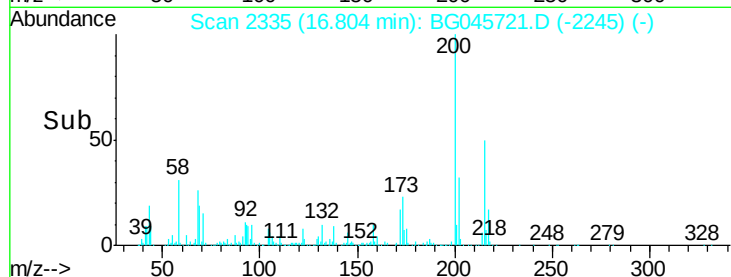
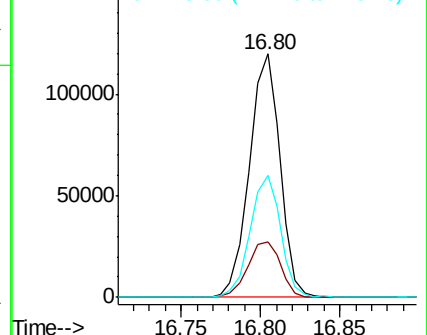
215 50.4 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 108.328 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

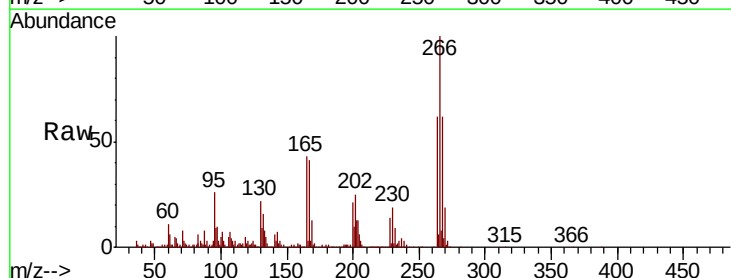
Tgt Ion:266 Resp: 202877

Ion Ratio Lower Upper

266 100

268 61.7 53.2 79.8

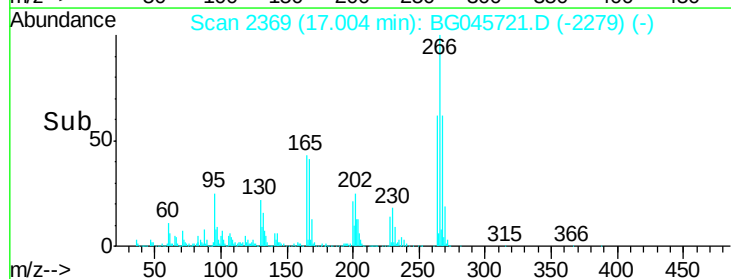
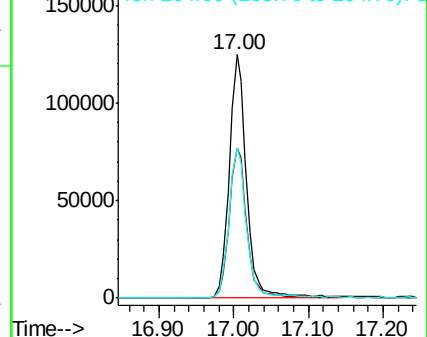
264 61.9 51.0 76.4

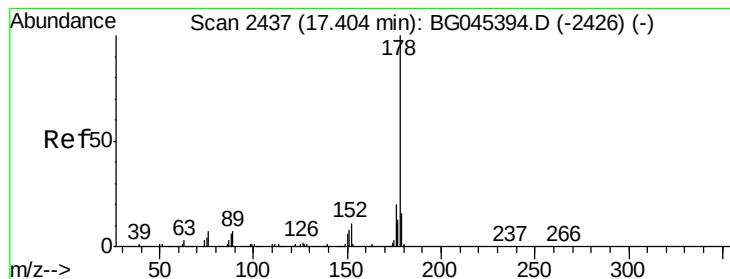


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 53.202 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

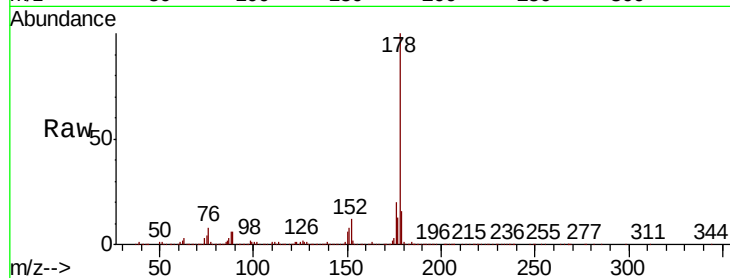
Tot Ion:178 Resp: 739654

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

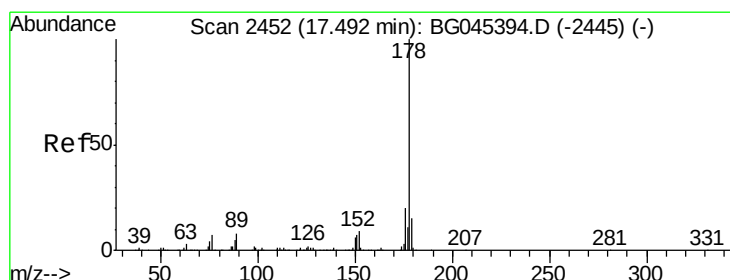
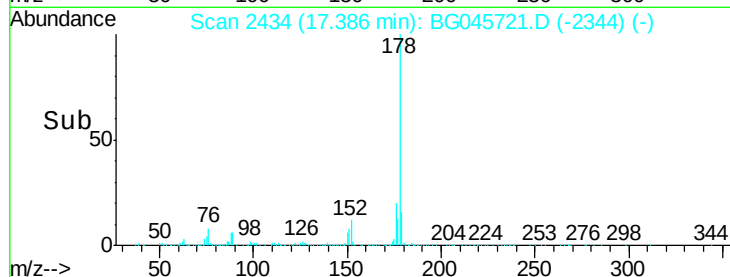
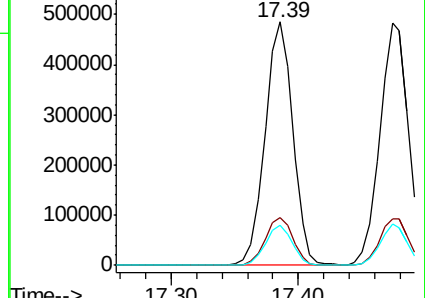
179 16.2 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.351 ng

RT: 17.47 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

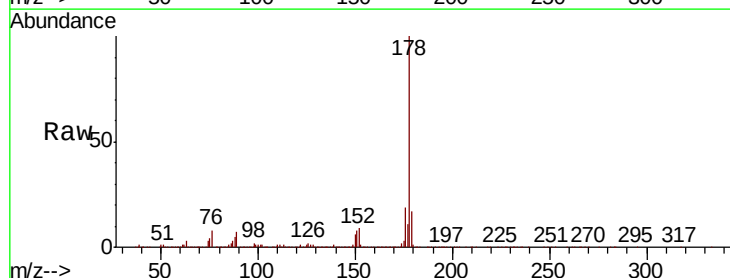
Tgt Ion:178 Resp: 758826

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

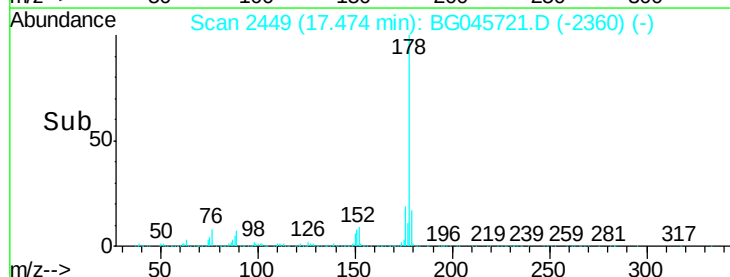
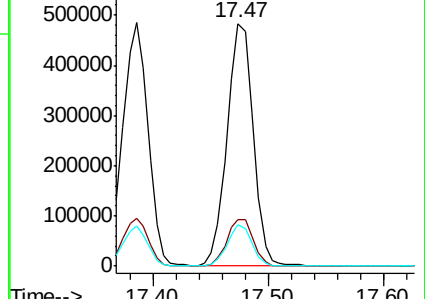
179 17.0 12.2 18.4

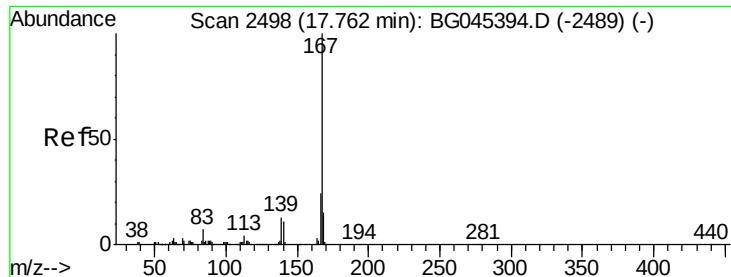


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

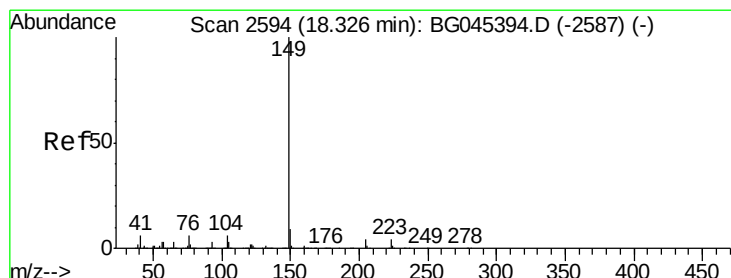
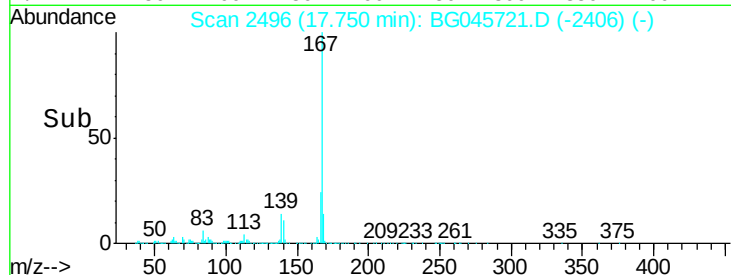
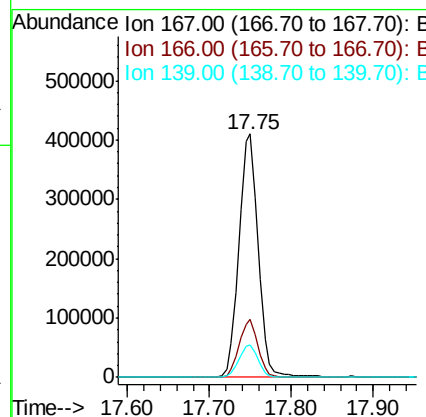
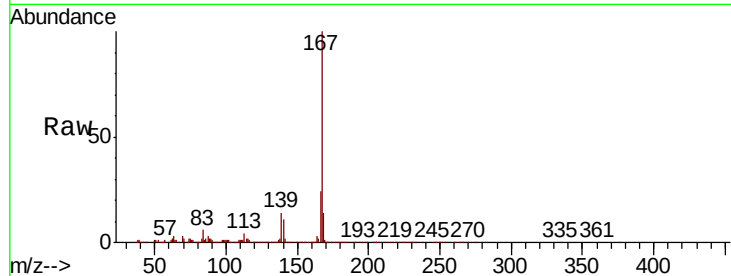




#73
 Carbazole
 Concen: 49.421 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

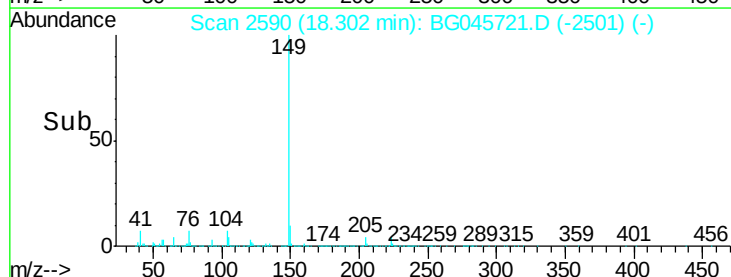
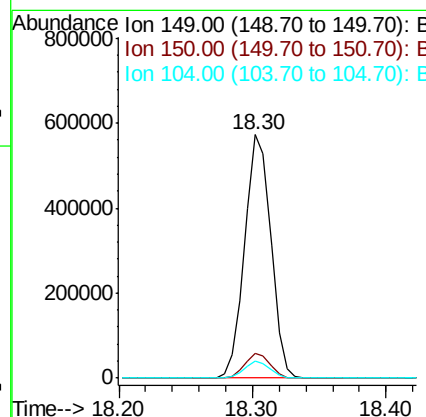
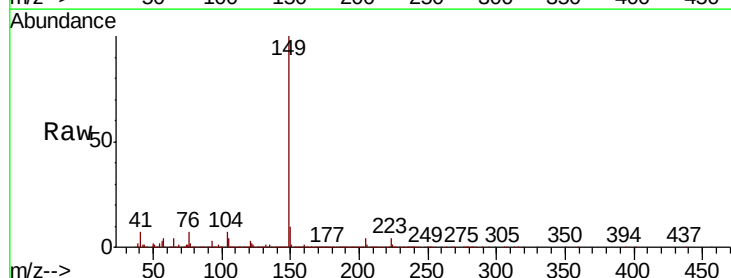
Instrument :
 BNA_G
 ClientSampled :

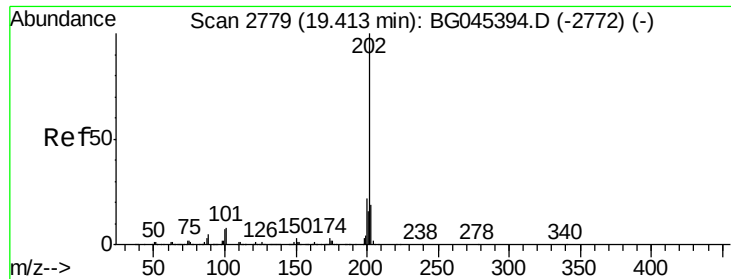
Tot Ion:167 Resp: 672581
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.2 28.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.246 ng
 RT: 18.30 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG045721.D
 Acq: 11 Jun 2020 13:28

Tgt Ion:149 Resp: 771734
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 7.1 5.0 7.4

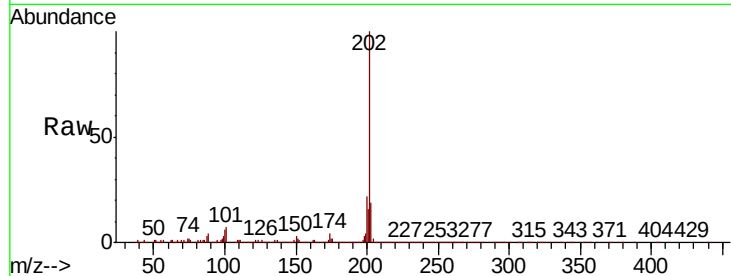




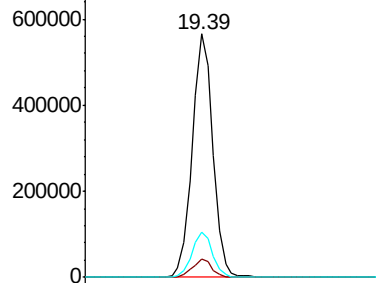
#75
Fluoranthene
Concen: 45.036 ng
RT: 19.39 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampleId :

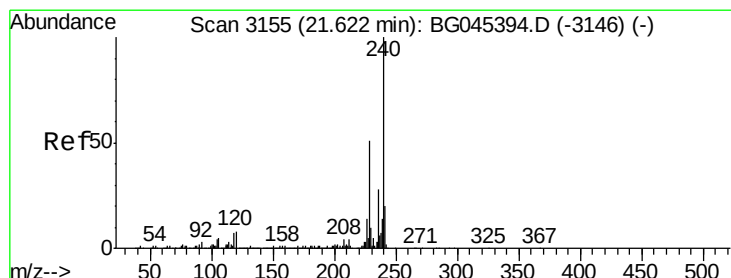
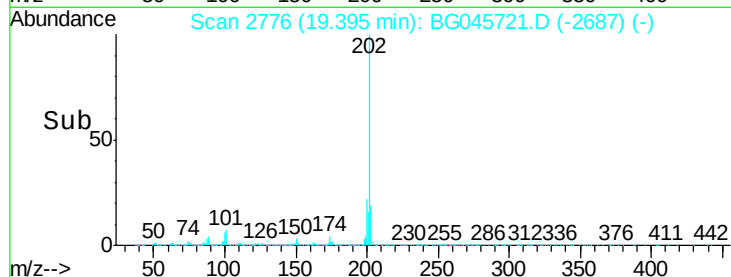
Tot Ion:	202	Resp:	796388
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.3
203	18.6	0.0	39.0



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

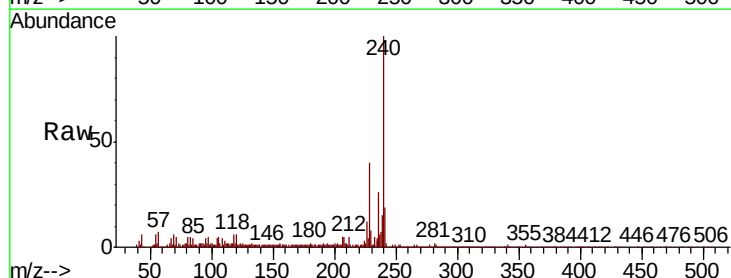


Time--> 19.30 19.40 19.50

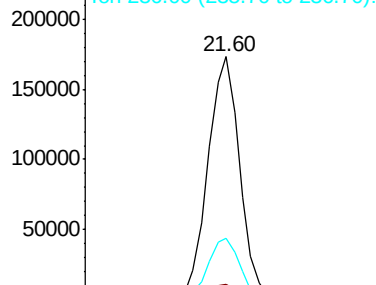


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

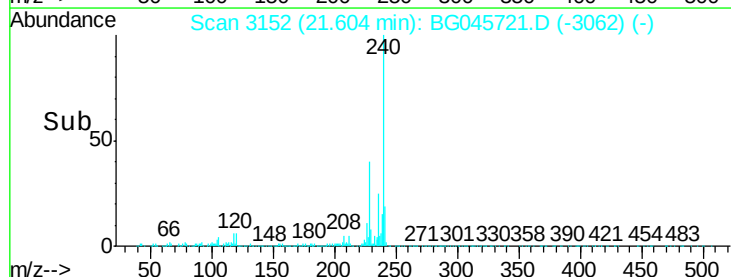
Tgt Ion:	240	Resp:	273242
Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	25.5	22.3	33.5

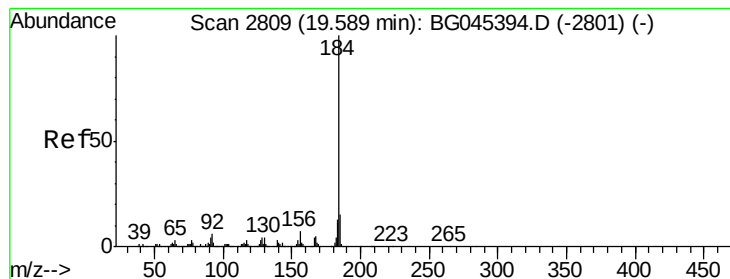


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.55 21.60 21.65





#77

Benzidine

Concen: 57.155 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

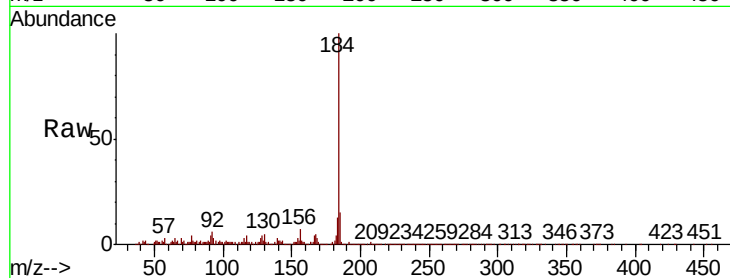
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 438613

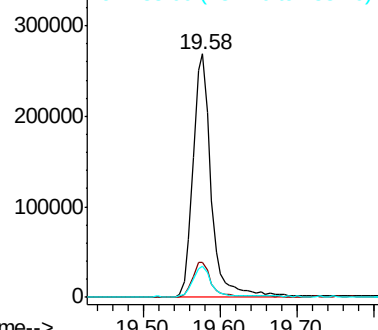
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	12.9	10.2	15.4



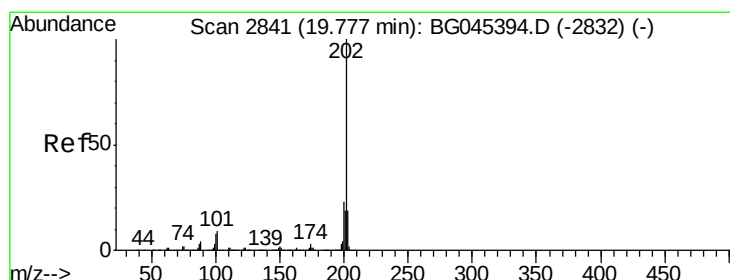
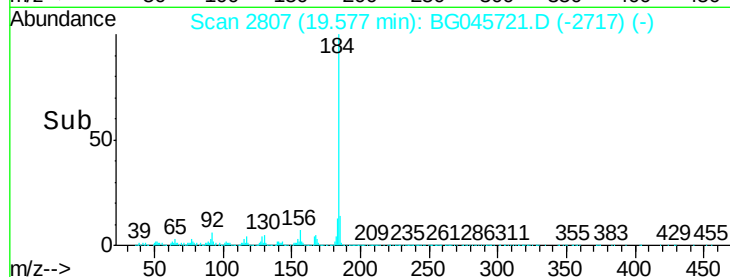
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 50.468 ng

RT: 19.76 min Scan# 2838

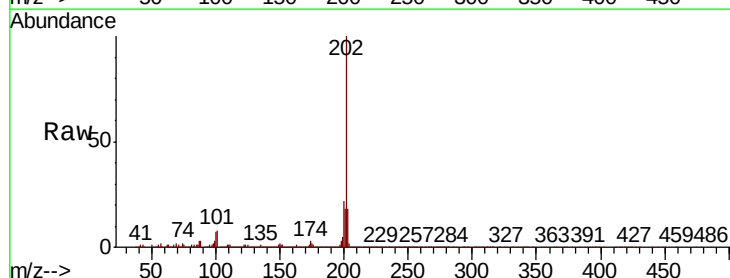
Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Tgt Ion:202 Resp: 786093

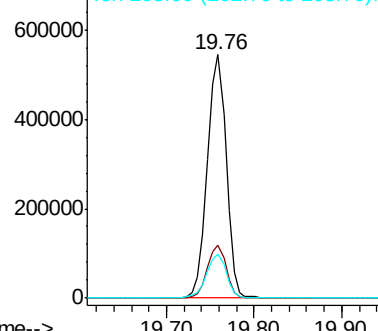
Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.2	27.2
203	17.8	15.1	22.7



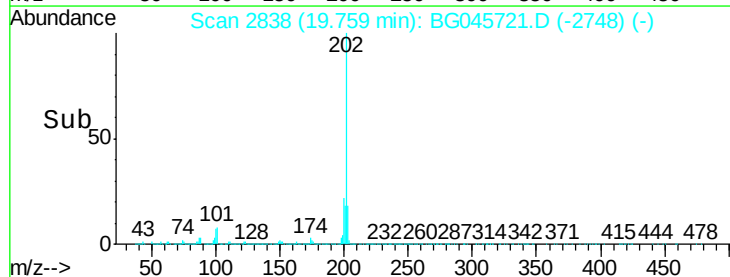
Abundance Ion 202.00 (201.70 to 202.70): E

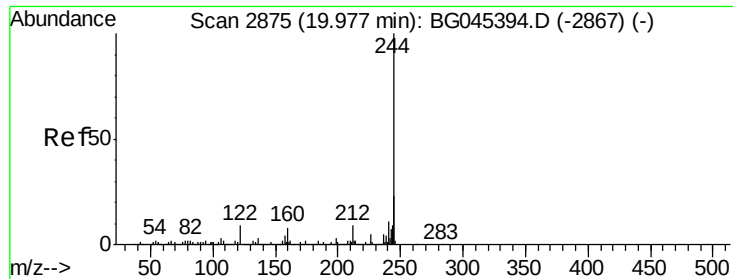
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 103.667 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

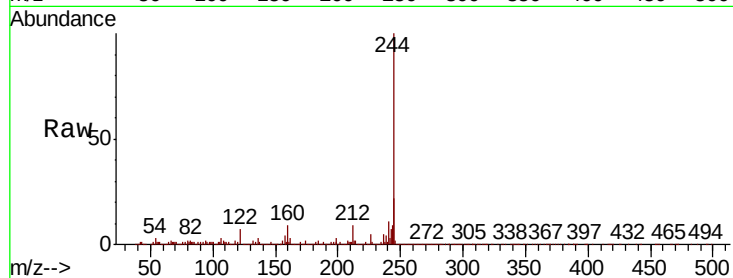
Tot Ion:244 Resp: 1214523

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

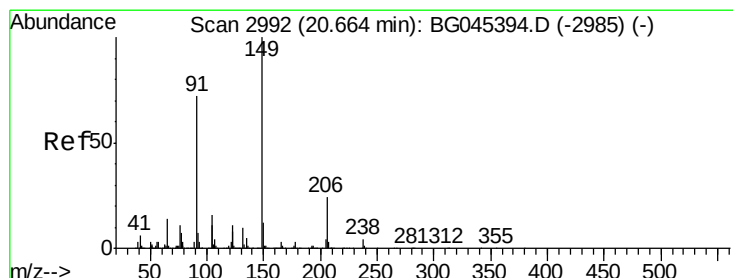
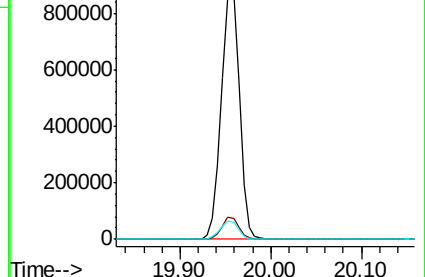
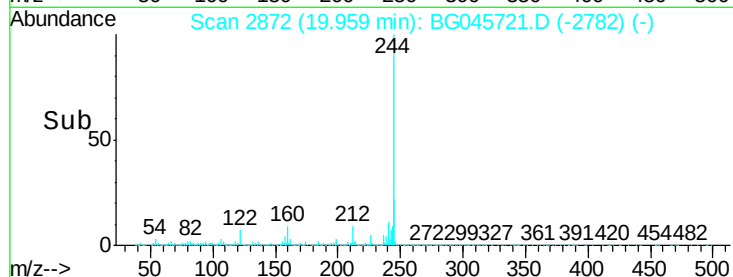
122 7.0 6.8 10.2



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: 46.911 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

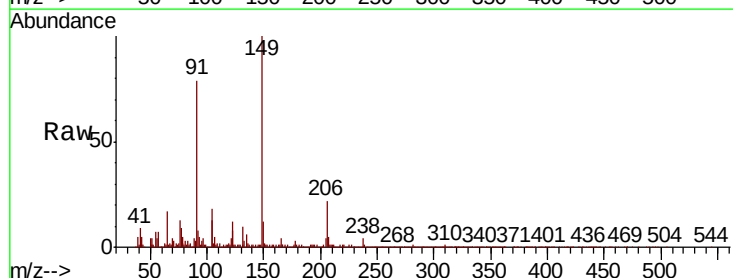
Tgt Ion:149 Resp: 315386

Ion Ratio Lower Upper

149 100

91 79.4 57.8 86.6

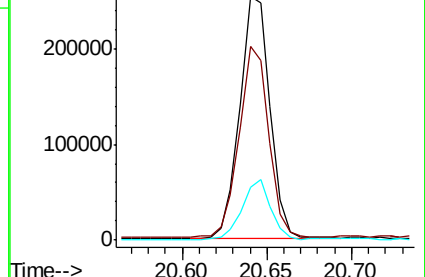
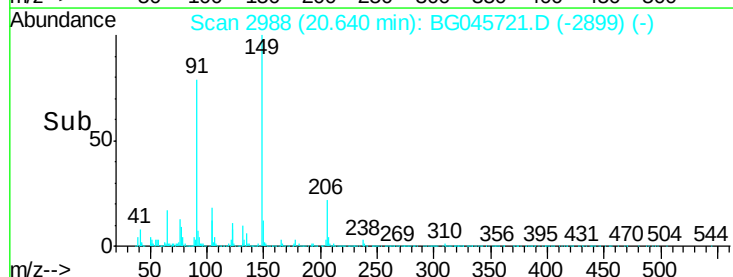
206 21.7 19.1 28.7

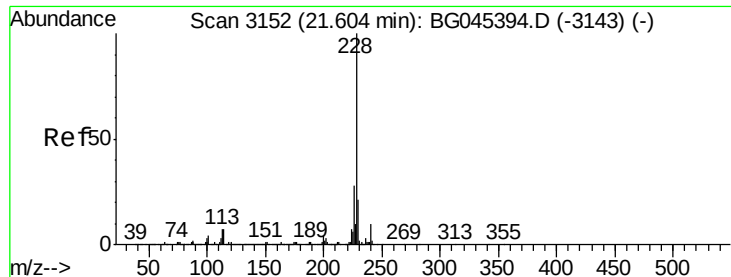


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.858 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

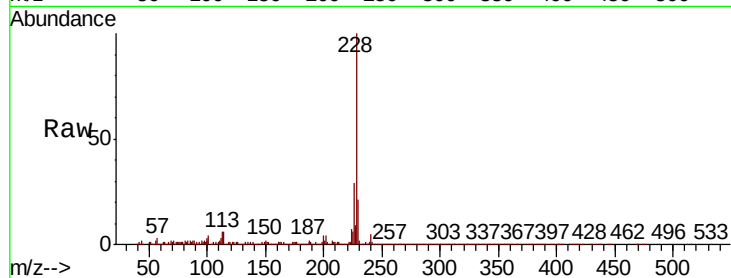
Tot Ion:228 Resp: 789360

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

229 21.3 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

600000

500000

400000

300000

200000

100000

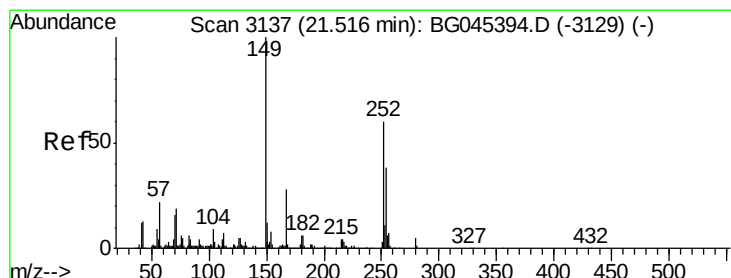
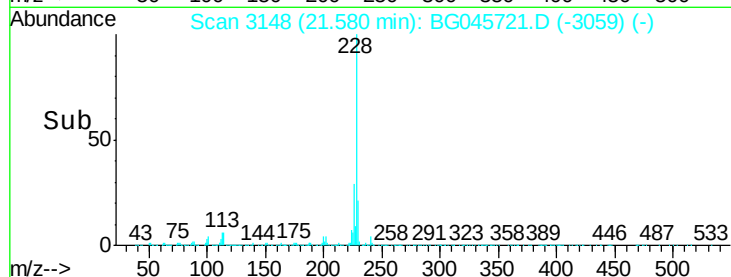
0

21.58

21.55

21.60

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 34.461 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

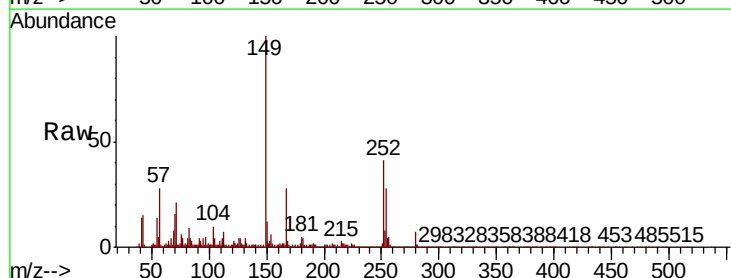
Tgt Ion:252 Resp: 205758

Ion Ratio Lower Upper

252 100

254 67.8 51.3 76.9

126 8.6 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

150000

100000

50000

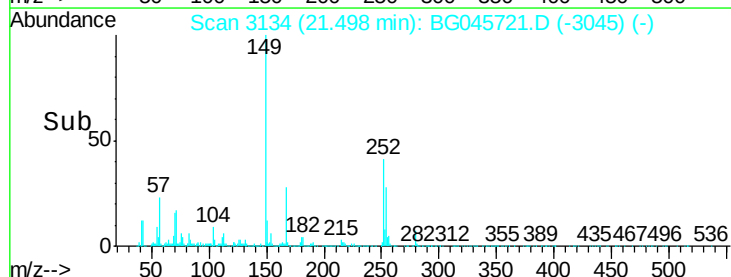
0

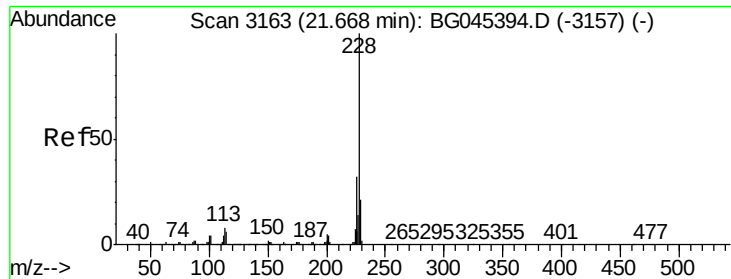
21.50

21.40

21.60

Time-->





#83

Chrysene

Concen: 53.003 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

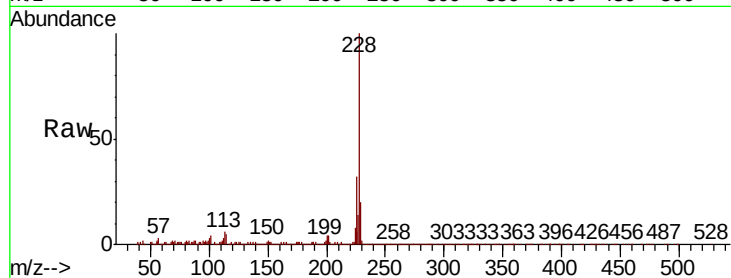
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 775756

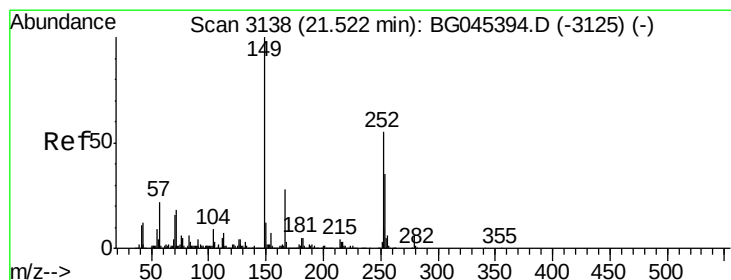
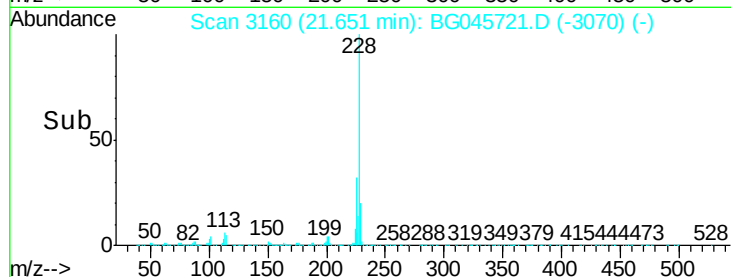
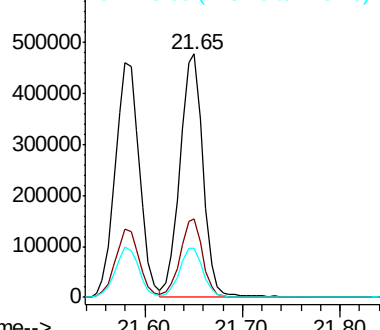
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.2	37.8
229	20.2	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.678 ng

RT: 21.49 min Scan# 3133

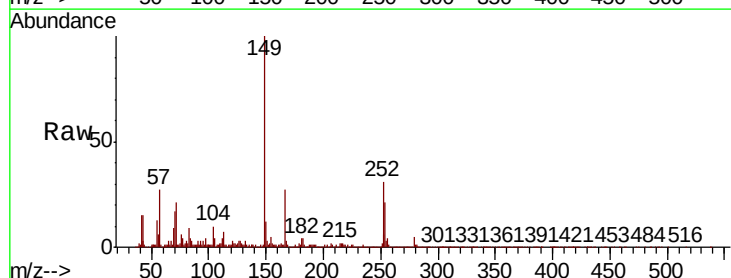
Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Tgt Ion:149 Resp: 459110

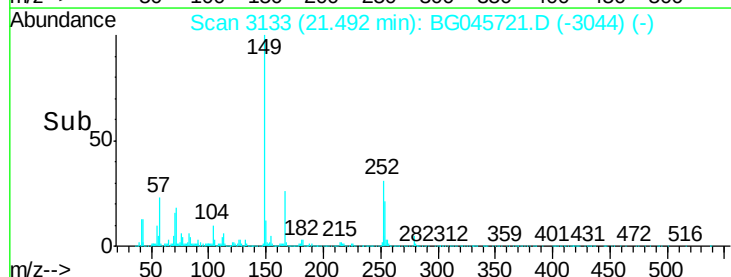
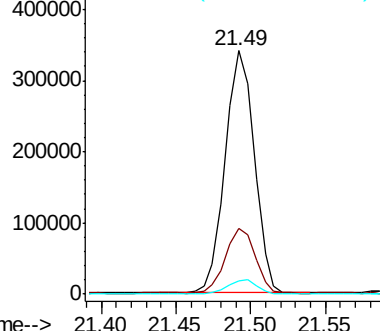
Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.2	33.2
279	5.5	4.7	7.1

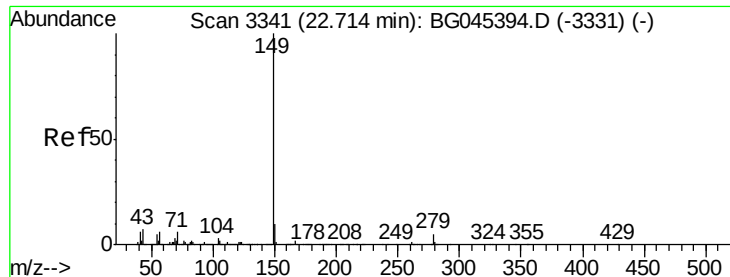


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.116 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

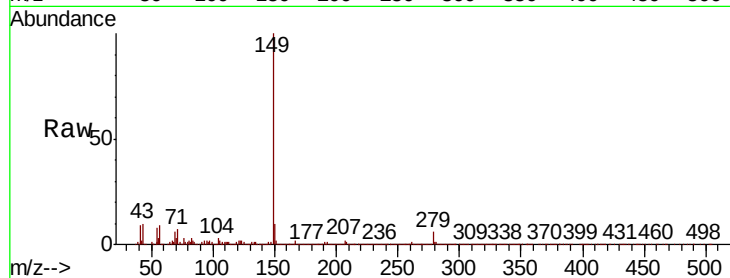
Tot Ion:149 Resp: 779613

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

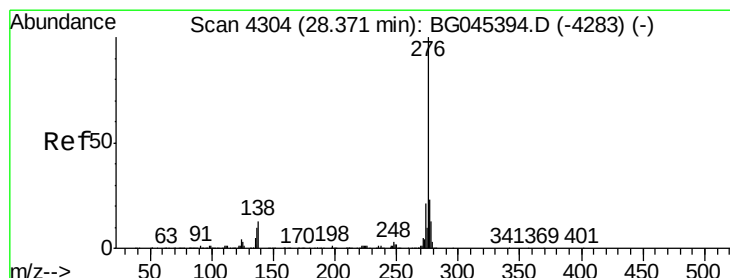
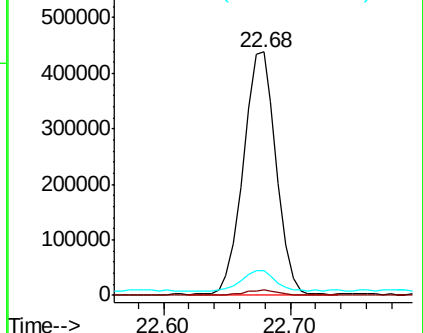
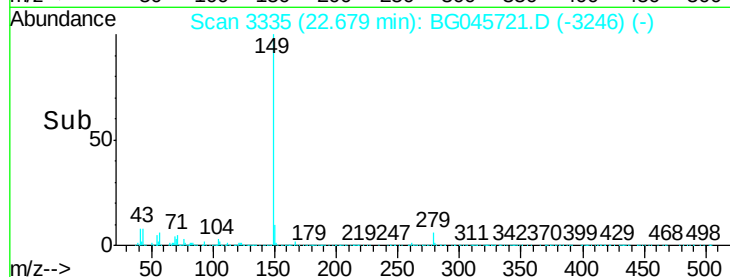
43 8.5 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.902 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

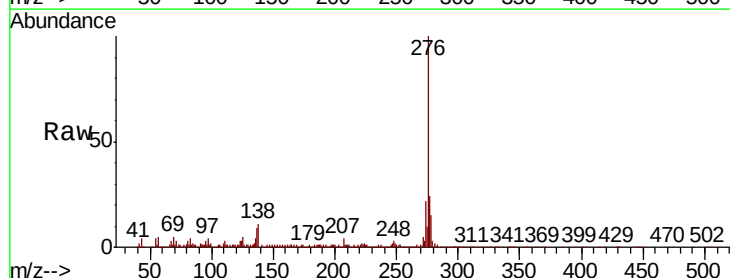
Tgt Ion:276 Resp: 1031629

Ion Ratio Lower Upper

276 100

138 5.7 8.6 12.8#

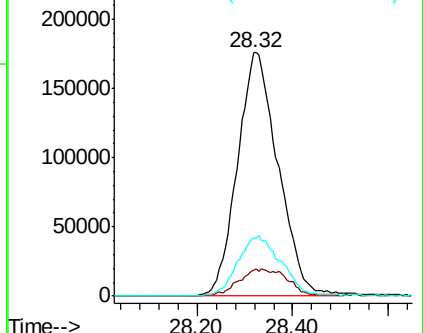
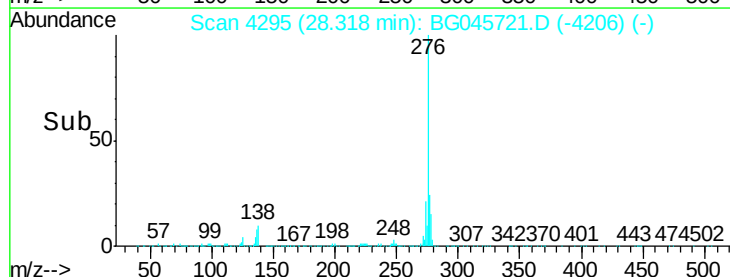
277 25.6 20.2 30.4

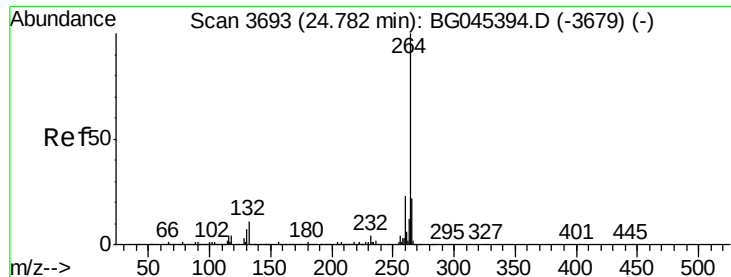


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

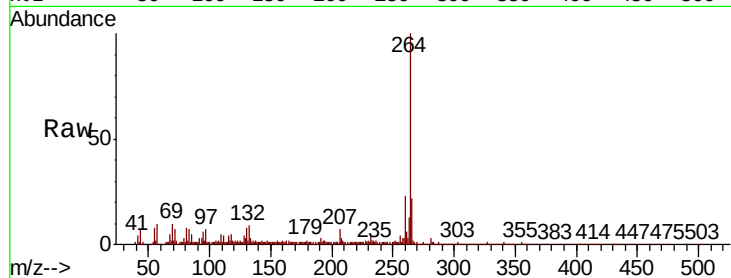
Tot Ion:264 Resp: 305598

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

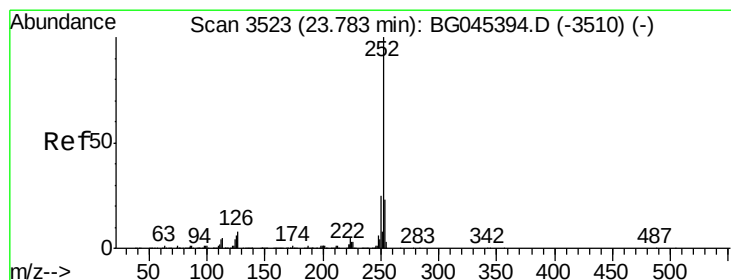
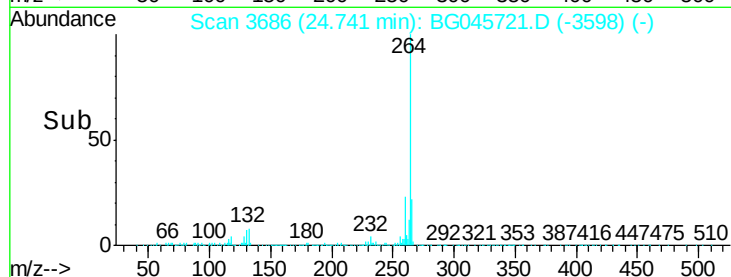
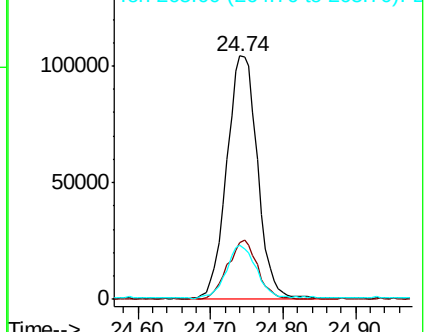
265 22.3 17.6 26.4



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: 50.831 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

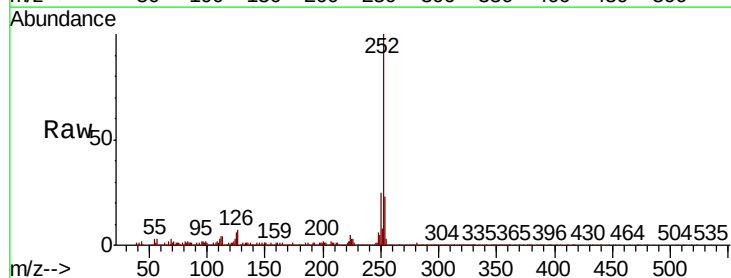
Tgt Ion:252 Resp: 833104

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

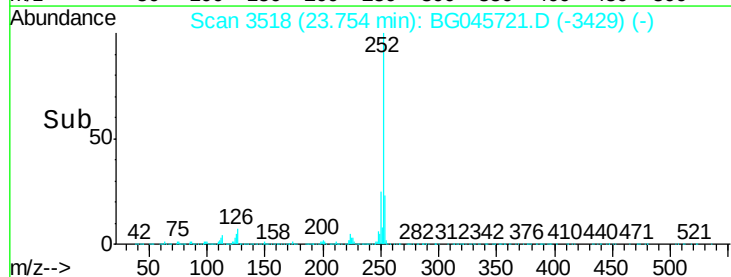
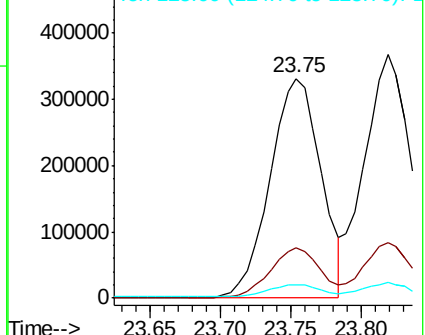
125 5.9 5.0 7.6

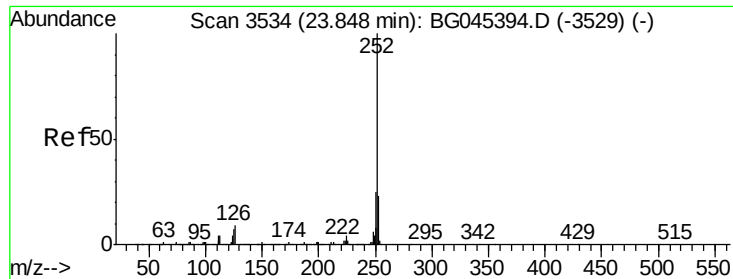


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 54.761 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

Instrument :

BNA_G

ClientSampleId :

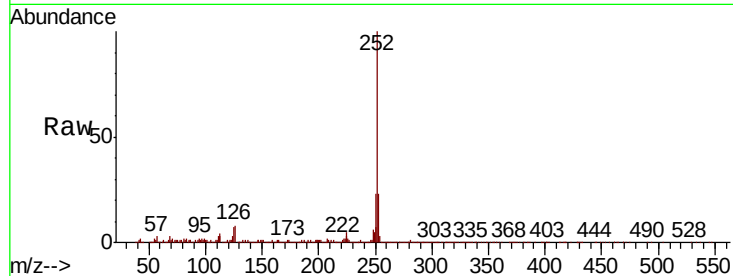
Tot Ion:252 Resp: 843193

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

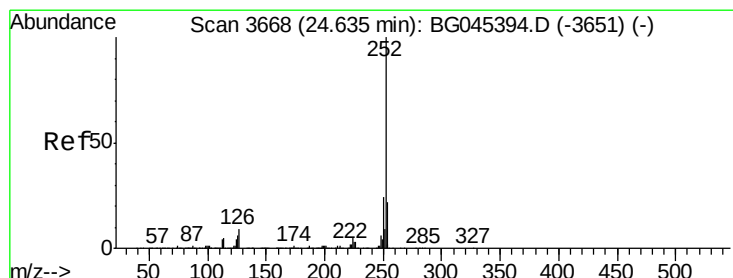
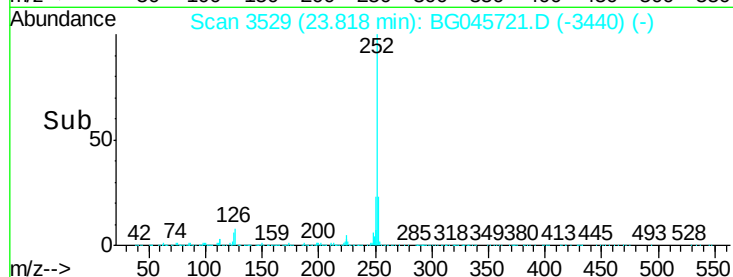
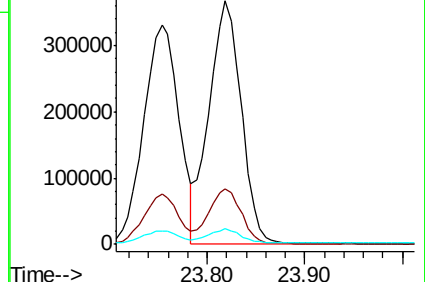
125 6.7 5.7 8.5



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: 51.353 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BG045721.D

Acq: 11 Jun 2020 13:28

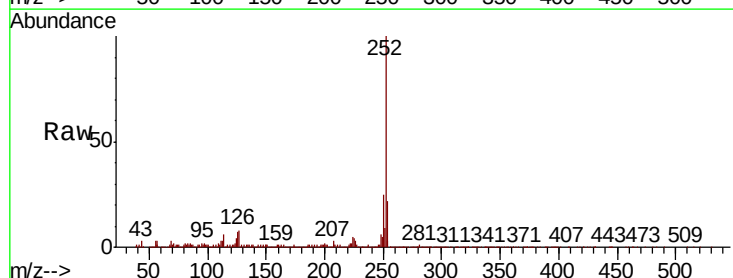
Tgt Ion:252 Resp: 783859

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

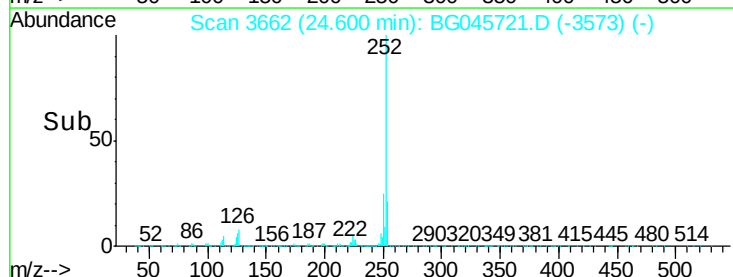
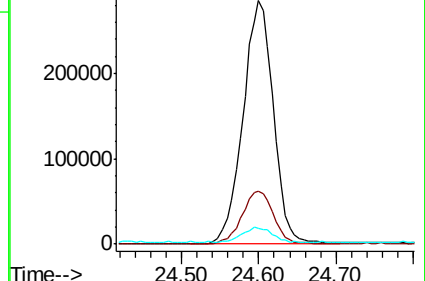
125 6.7 5.0 7.6

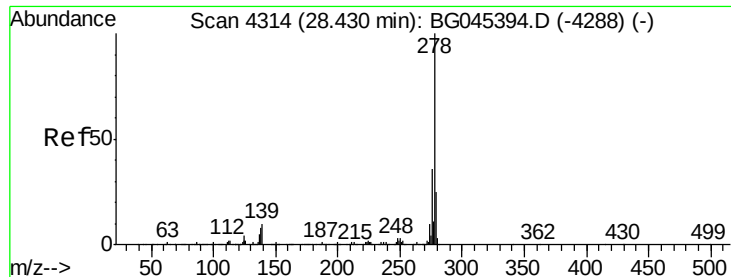


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

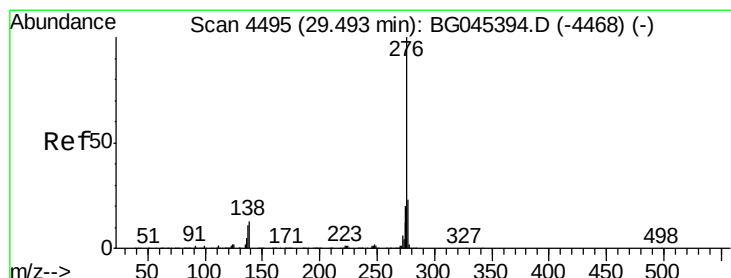
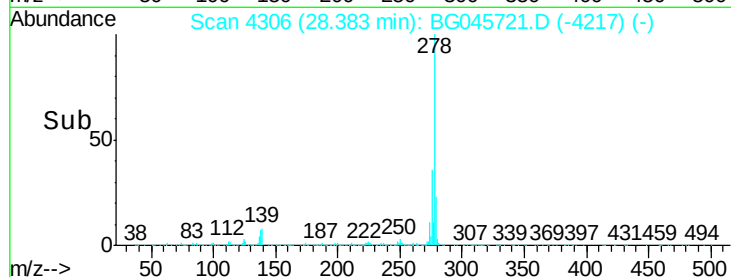
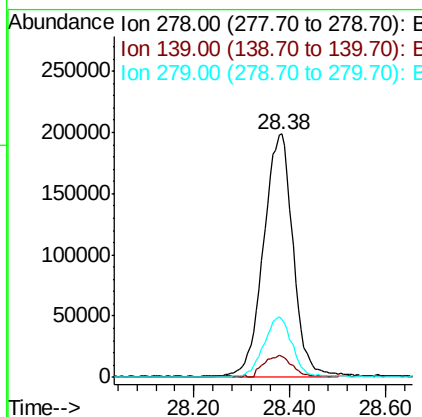
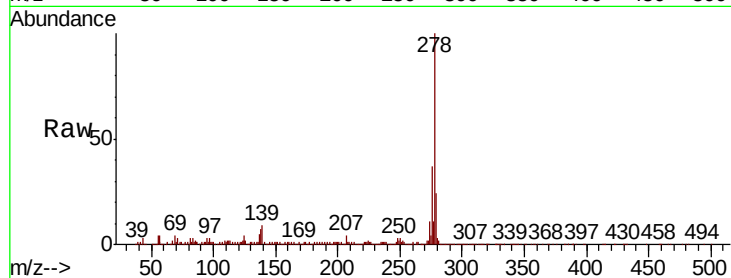




#91
Dibenzo(a,h)anthracene
Concen: 55.750 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.01 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.8	11.8
279	23.7	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 54.106 ng
RT: 29.44 min Scan# 4486
Delta R.T. 0.00 min
Lab File: BG045721.D
Acq: 11 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.1	27.1
138	9.4	10.2	15.4

