

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045708.D
 Acq On : 11 Jun 2020 4:43
 Operator : CG/JU
 Sample : PB129468BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 11 06:00:35 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	7.94	152	56677	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	224173	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	153955	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	365463	20.00	ng	0.00
76) Chrysene-d12	21.60	240	343580	20.00	ng	0.00
87) Perylene-d12	24.74	264	380387	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	501897	173.06	ng	0.00
7) Phenol-d6	7.14	99	689278	166.99	ng	0.00
23) Nitrobenzene-d5	9.11	82	450753	109.65	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	323684	164.40	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1010801	111.37	ng	0.00
79) Terphenyl-d14	19.96	244	1652775	112.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	60569	42.116	ng	92
3) Pyridine	3.80	79	177148	44.228	ng	95
4) n-Nitrosodimethylamine	3.71	42	80657	61.540	ng	82
6) Aniline	7.27	93	266955	49.543	ng	96
8) 2-Chlorophenol	7.52	128	190075	59.766	ng	99
9) Benzaldehyde	7.08	77	138685	51.569	ng	97
10) Phenol	7.16	94	251439	59.104	ng	93
11) bis(2-Chloroethyl)ether	7.37	93	174536	52.598	ng	99
12) 1,3-Dichlorobenzene	7.84	146	201726	52.782	ng	99
13) 1,4-Dichlorobenzene	7.98	146	205975	54.611	ng	97
14) 1,2-Dichlorobenzene	8.30	146	195801	53.975	ng	96
15) Benzyl Alcohol	8.19	79	194612	57.073	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.47	45	164665	52.278	ng	99
17) 2-Methylphenol	8.41	107	169838	53.337	ng	98
18) Hexachloroethane	9.03	117	79614	55.114	ng	92
19) n-Nitroso-di-n-propylamine	8.75	70	157689	55.244	ng	96
20) 3+4-Methylphenols	8.74	107	228853	52.779	ng	93
22) Acetophenone	8.77	105	284000	53.452	ng	95
24) Nitrobenzene	9.15	77	248514	56.424	ng	99
25) Isophorone	9.68	82	431886	53.346	ng	100
26) 2-Nitrophenol	9.86	139	107179	56.885	ng	92
27) 2,4-Dimethylphenol	9.94	122	172175	61.613	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	238391	56.148	ng	97
29) 2,4-Dichlorophenol	10.42	162	195049	59.107	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	216658	55.563	ng	98
31) Naphthalene	10.80	128	581628	55.678	ng	100
32) Benzoic acid	10.13	122	74443	41.013	ng	96
33) 4-Chloroaniline	10.92	127	162245	37.156	ng	95
34) Hexachlorobutadiene	11.10	225	151830	55.084	ng	96
35) Caprolactam	11.74	113	26017	21.480	ng	88
36) 4-Chloro-3-methylphenol	12.06	107	222331	59.791	ng	95
37) 2-Methylnaphthalene	12.41	142	446092	57.294	ng	96
38) 1-Methylnaphthalene	12.41	142	446092	60.652	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	245618	57.118	ng	99

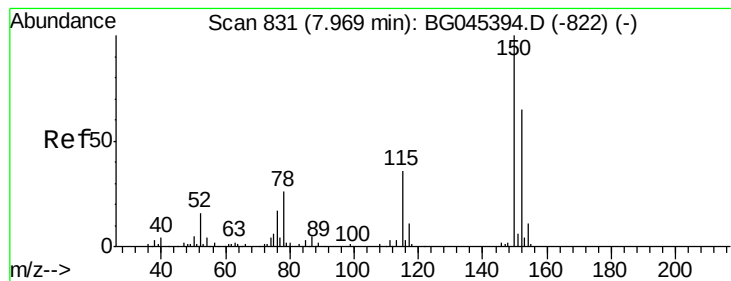
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	308238	124.189	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	170730	57.154	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	177160	51.899	ng	98
46) 1,1'-Biphenyl	13.42	154	551707	58.321	ng	100
47) 2-Chloronaphthalene	13.47	162	436243	56.790	ng	99
48) 2-Nitroaniline	13.67	65	147428	58.344	ng	98
49) Acenaphthylene	14.31	152	704766	57.118	ng	99
50) Dimethylphthalate	14.05	163	584622	55.356	ng	100
51) 2,6-Dinitrotoluene	14.16	165	133182	55.885	ng	97
52) Acenaphthene	14.66	154	424500	51.396	ng	99
53) 3-Nitroaniline	14.50	138	106934	44.141	ng	99
54) 2,4-Dinitrophenol	14.71	184	150415	95.235	ng	97
55) Dibenzofuran	14.99	168	689691	56.231	ng	94
56) 4-Nitrophenol	14.84	139	175161	95.501	ng	85
57) 2,4-Dinitrotoluene	14.96	165	188429	54.595	ng	95
58) Fluorene	15.64	166	581323	57.691	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	166340	55.388	ng	99
60) Diethylphthalate	15.41	149	605769	55.108	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	324466	56.271	ng	98
62) 4-Nitroaniline	15.67	138	134584	53.215	ng	93
63) Azobenzene	15.93	77	596113	58.158	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	119536	56.161	ng	92
66) n-Nitrosodiphenylamine	15.85	169	514092	58.588	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	224958	56.845	ng	99
68) Hexachlorobenzene	16.65	284	241529	58.353	ng	99
69) Atrazine	16.80	200	196400	54.341	ng	98
70) Pentachlorophenol	17.00	266	223370	103.933	ng	97
71) Phenanthrene	17.38	178	922363	57.812	ng	99
72) Anthracene	17.47	178	934989	58.357	ng	98
73) Carbazole	17.75	167	848318	54.318	ng	99
74) Di-n-butylphthalate	18.31	149	1020081	54.419	ng	100
75) Fluoranthene	19.39	202	1133726	55.867	ng	99
77) Benzidine	19.57	184	686398	71.132	ng	99
78) Pyrene	19.76	202	1104259	56.382	ng	99
80) Butylbenzylphthalate	20.64	149	461770	54.623	ng	99
81) Benzo(a)anthracene	21.58	228	1087926	56.841	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	341666	45.508	ng	99
83) Chrysene	21.65	228	1050983	57.108	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	655460	56.404	ng	99
85) Di-n-octyl phthalate	22.68	149	1100971	55.162	ng	99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1385711	57.580	ng	# 91
88) Benzo(b)fluoranthene	23.75	252	1193414	58.499	ng	99
89) Benzo(k)fluoranthene	23.82	252	1151312	60.070	ng	99
90) Benzo(a)pyrene	24.60	252	1097361	57.757	ng	97
91) Dibenzo(a,h)anthracene	28.37	278	1142253	59.826	ng	98
92) Benzo(g,h,i)perylene	29.43	276	1133409	59.356	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

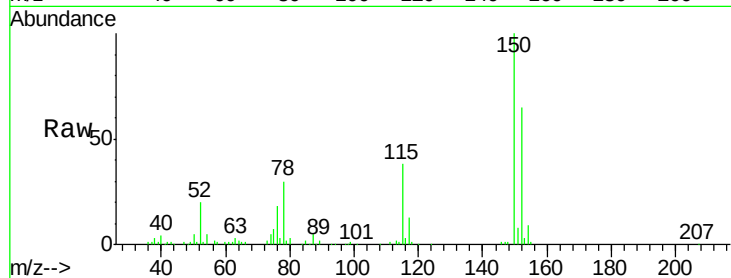
Tot Ion:152 Resp: 56677

Ion Ratio Lower Upper

152 100

150 154.0 122.4 183.6

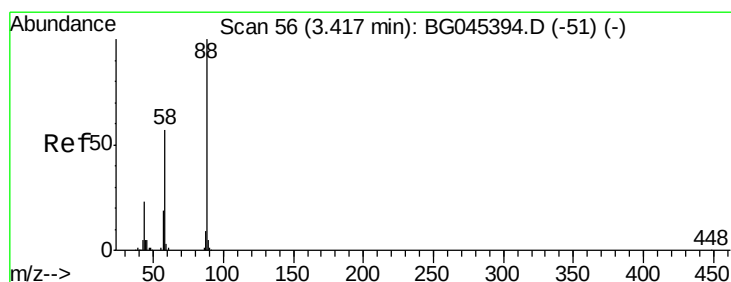
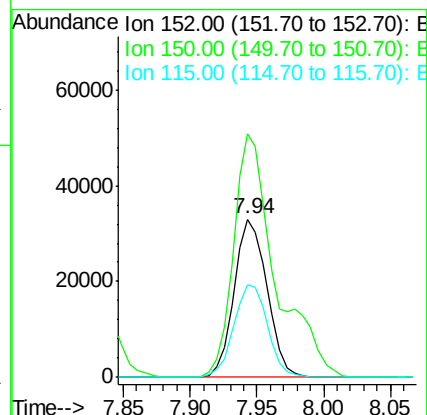
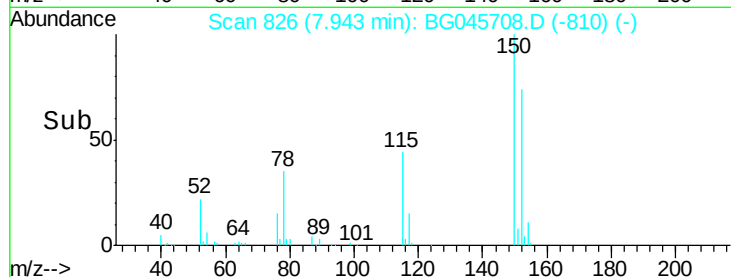
115 58.6 44.2 66.4



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: 42.116 ng

RT: 3.40 min Scan# 52

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

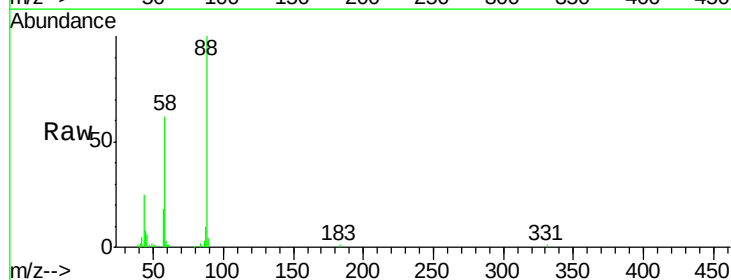
Tgt Ion: 88 Resp: 60569

Ion Ratio Lower Upper

88 100

58 62.6 45.7 68.5

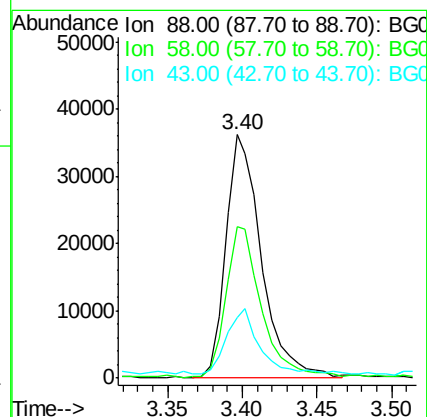
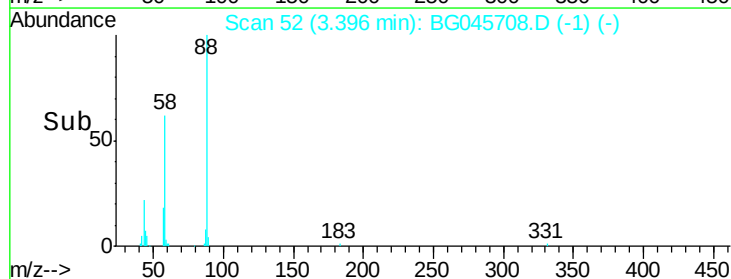
43 24.6 16.8 25.2

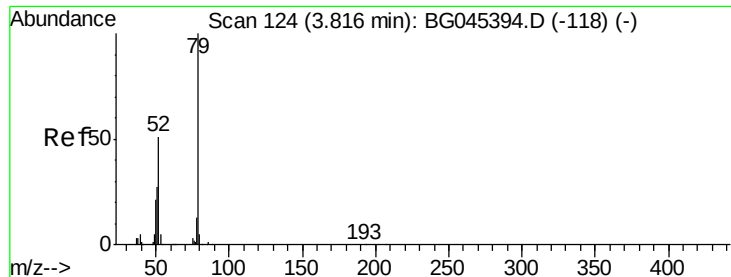


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 44.228 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

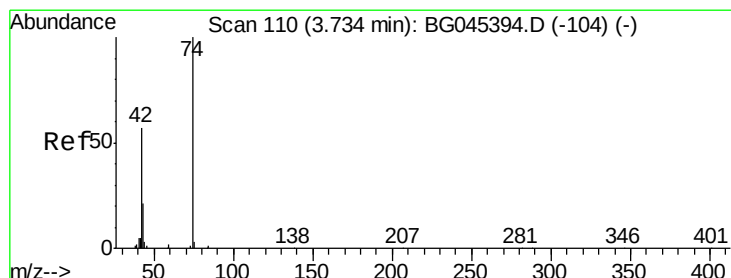
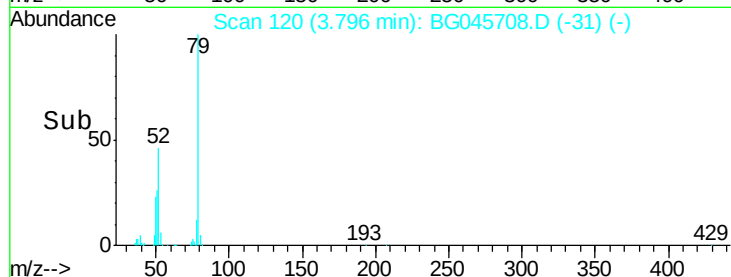
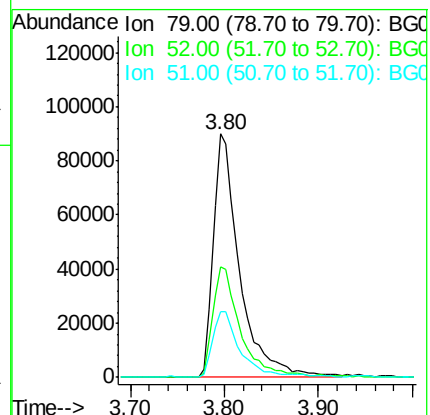
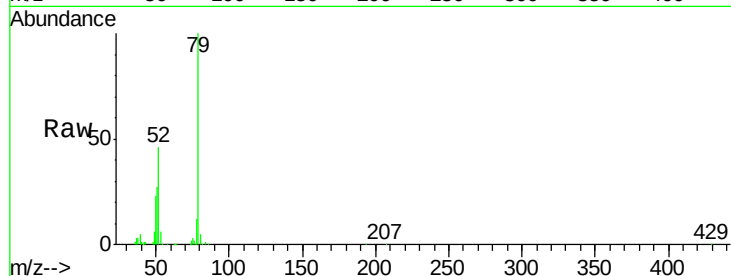
Tot Ion: 79 Resp: 177148

Ion Ratio Lower Upper

79 100

52 45.6 40.8 61.2

51 26.7 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 61.540 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

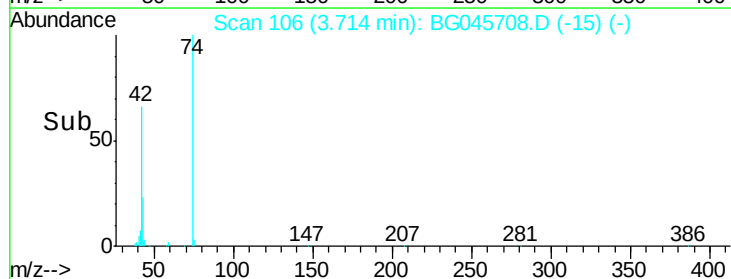
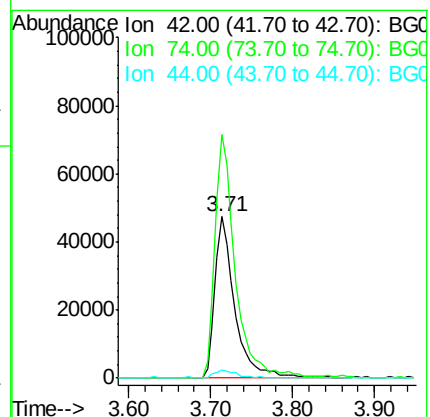
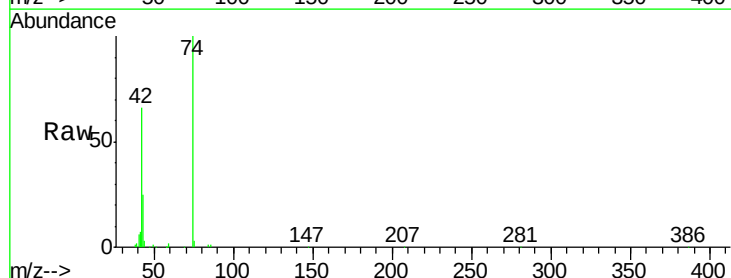
Tgt Ion: 42 Resp: 80657

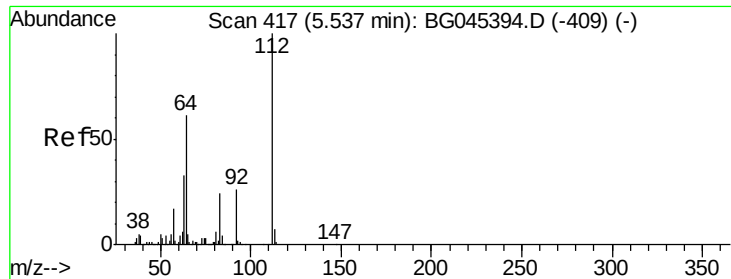
Ion Ratio Lower Upper

42 100

74 150.6 141.3 211.9

44 4.9 4.2 6.4





#5

2-Fluorophenol

Concen: 173.061 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

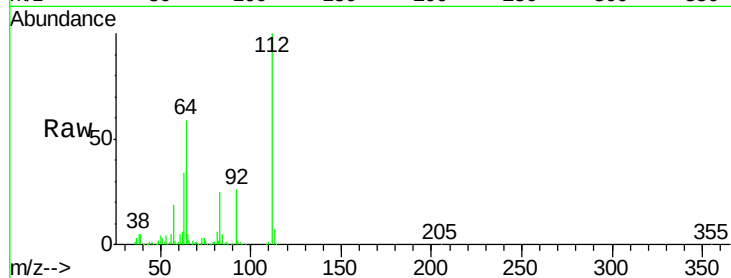
Tot Ion:112 Resp: 501897

Ion Ratio Lower Upper

112 100

64 59.2 48.6 72.8

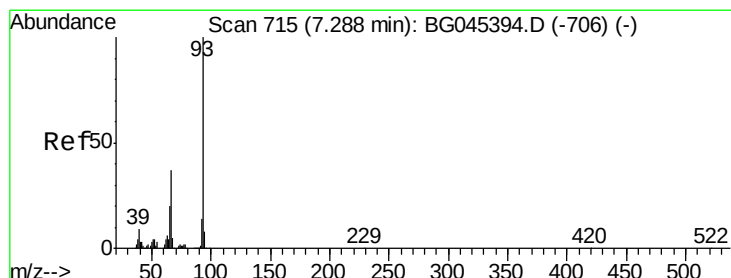
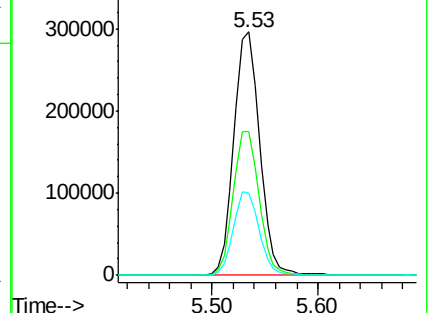
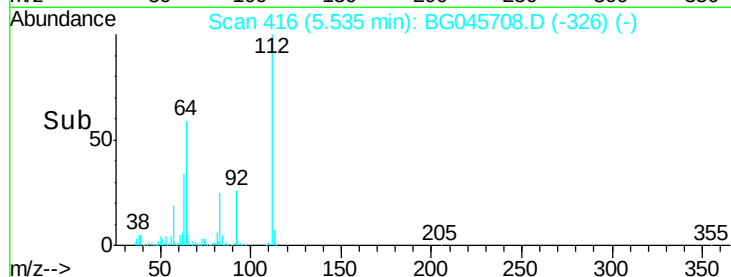
63 34.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 49.543 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

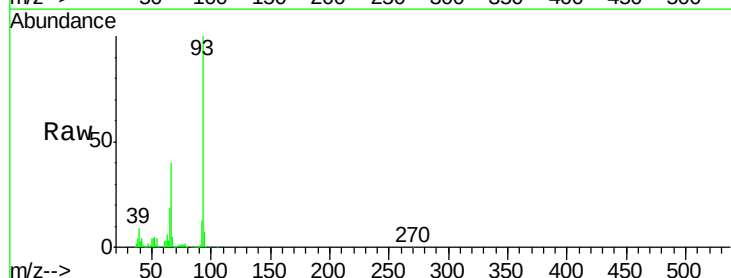
Tgt Ion: 93 Resp: 266955

Ion Ratio Lower Upper

93 100

66 39.6 29.6 44.4

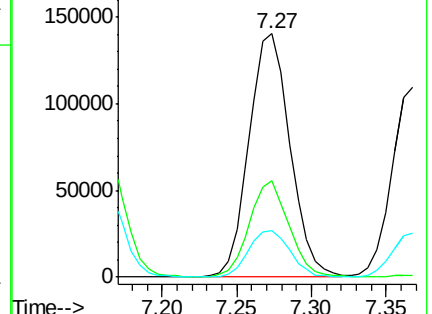
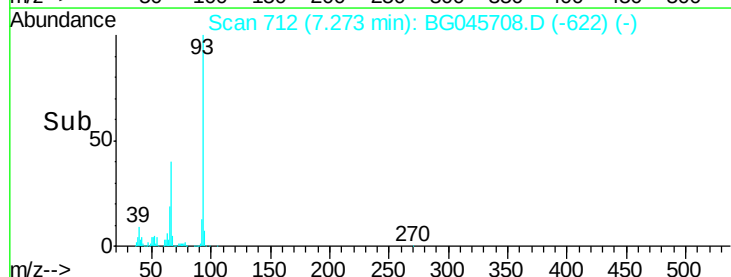
65 19.0 15.9 23.9

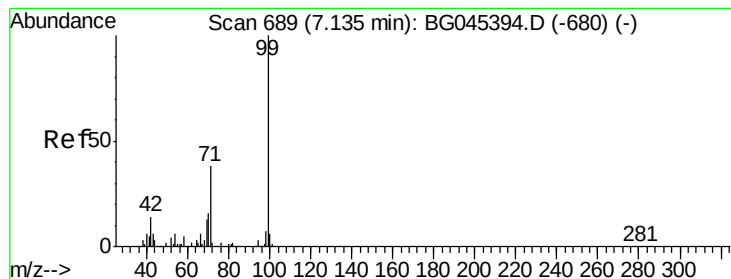


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 166.987 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

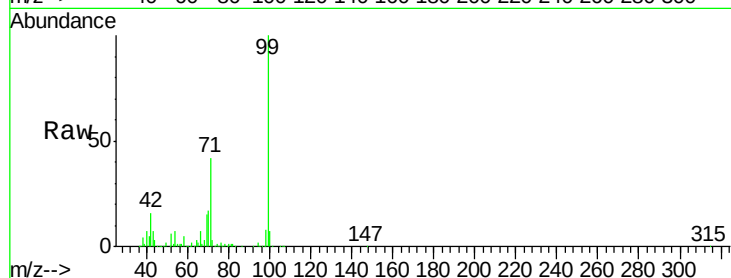
Tot Ion: 99 Resp: 689278

Ion Ratio Lower Upper

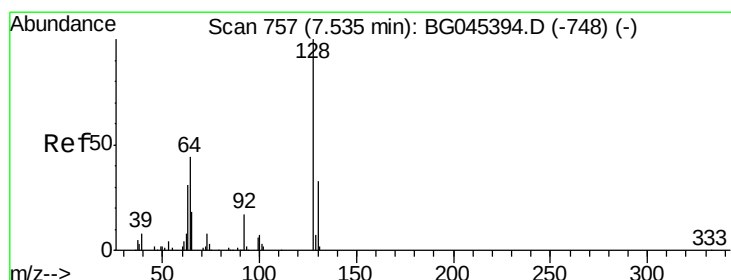
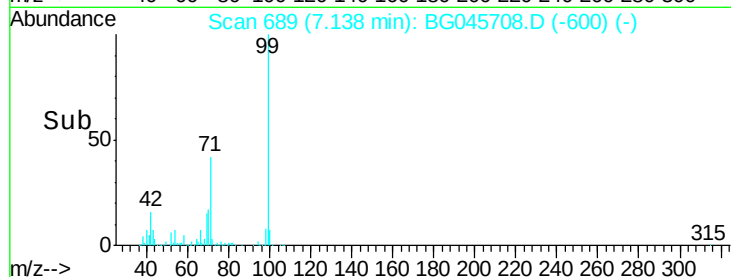
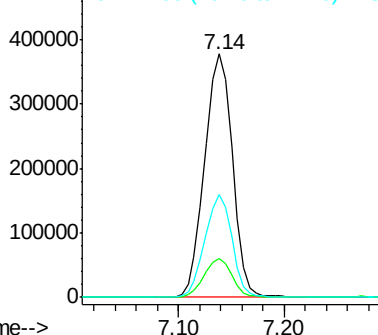
99 100

42 16.0 11.3 16.9

71 42.2 30.8 46.2



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



#8

2-Chlorophenol

Concen: 59.766 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

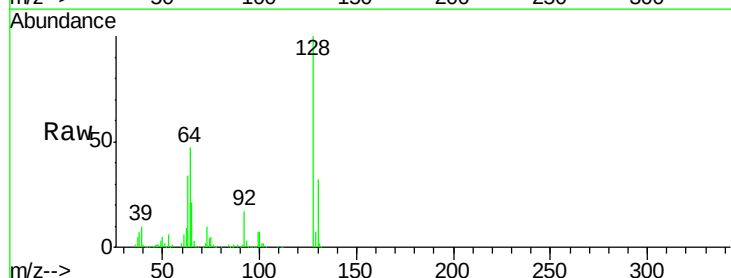
Tgt Ion: 128 Resp: 190075

Ion Ratio Lower Upper

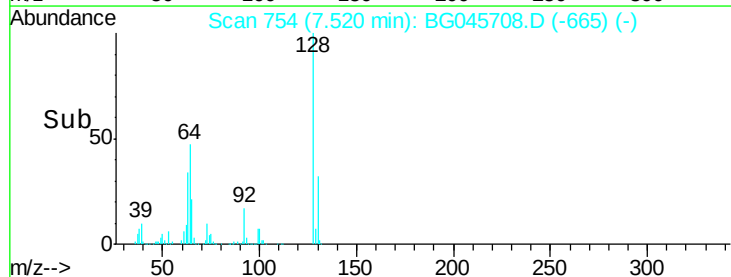
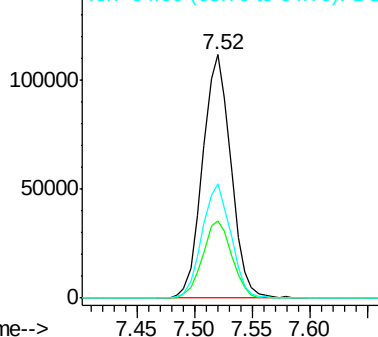
128 100

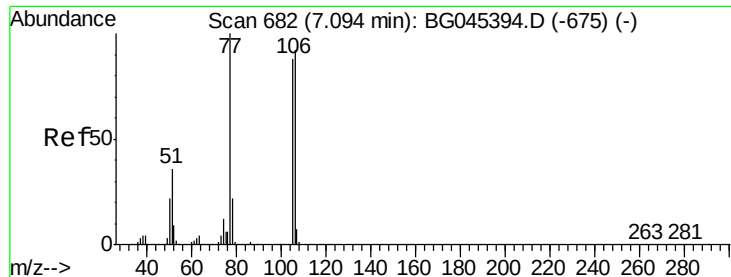
130 31.9 12.6 52.6

64 47.1 27.0 67.0



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





#9

Benzaldehyde

Concen: 51.569 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

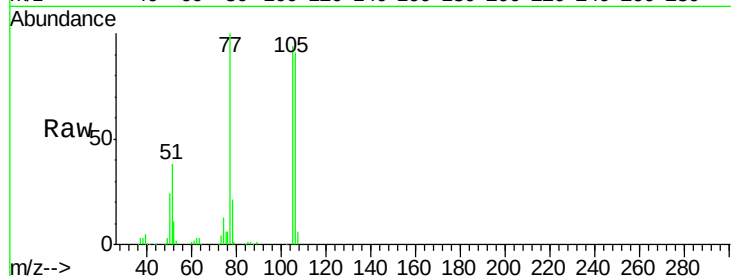
Tot Ion: 77 Resp: 138685

Ion Ratio Lower Upper

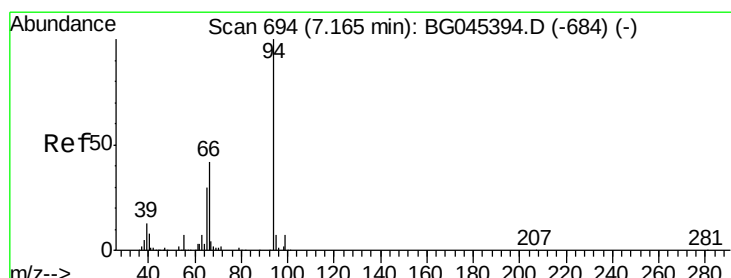
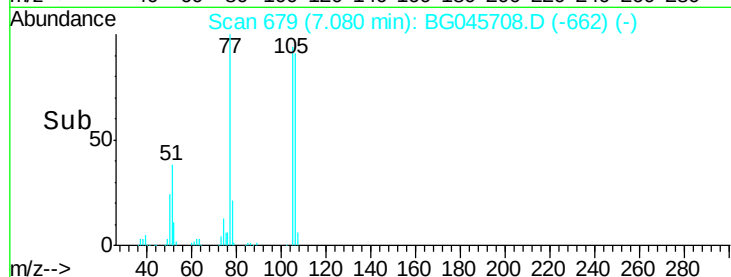
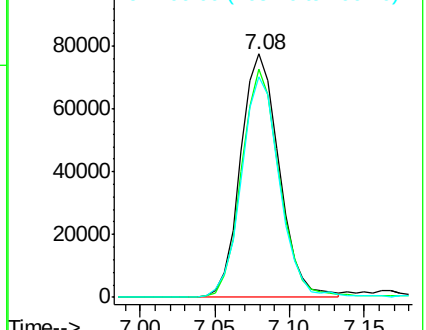
77 100

105 93.6 68.5 108.5

106 90.7 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: 59.104 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

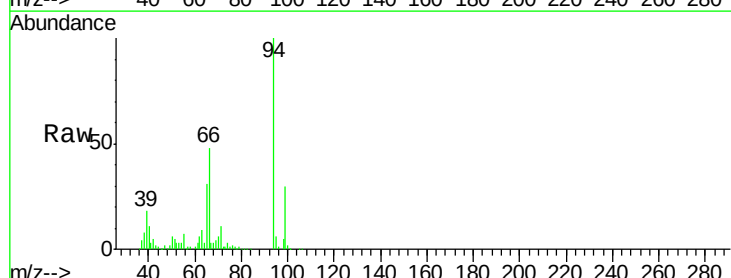
Tgt Ion: 94 Resp: 251439

Ion Ratio Lower Upper

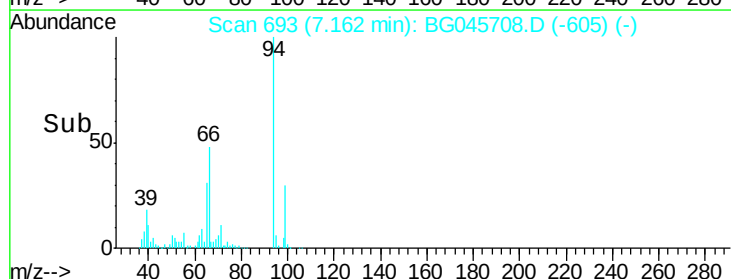
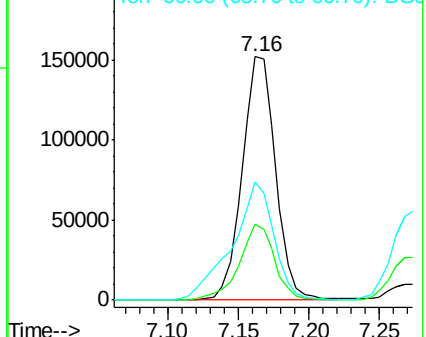
94 100

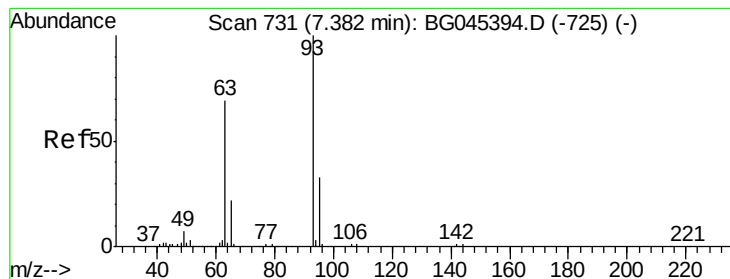
65 31.2 9.8 49.8

66 48.3 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: 52.598 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

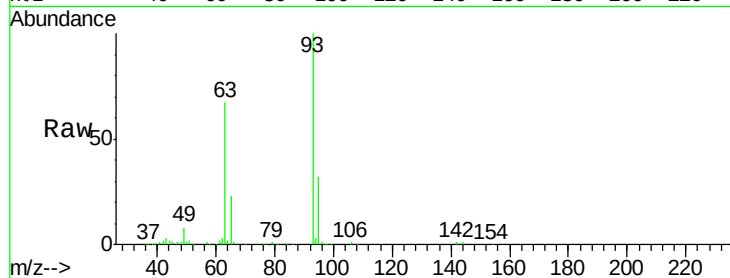
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 93 Resp: 174536

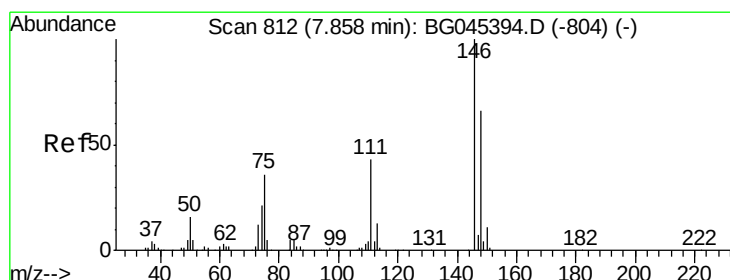
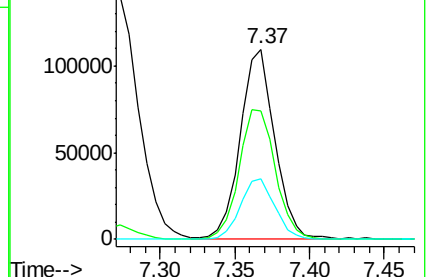
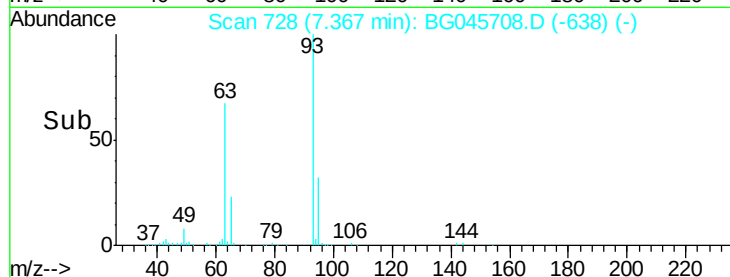
Ion	Ratio	Lower	Upper
93	100		
63	67.5	48.4	88.4
95	32.0	12.4	52.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 52.782 ng

RT: 7.84 min Scan# 808

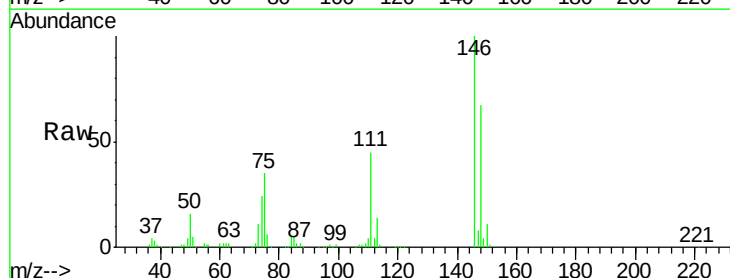
Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Tgt Ion: 146 Resp: 201726

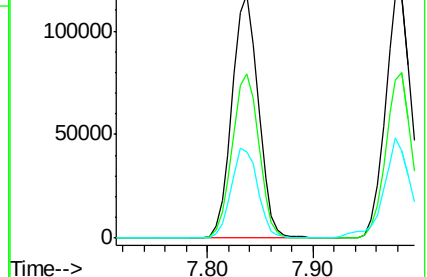
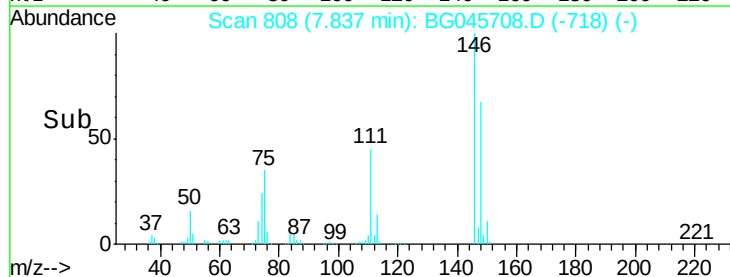
Ion	Ratio	Lower	Upper
146	100		
148	67.3	53.2	79.8
75	35.4	28.6	43.0

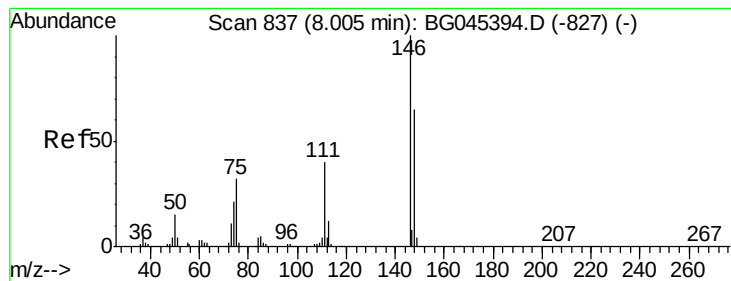


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 54.611 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

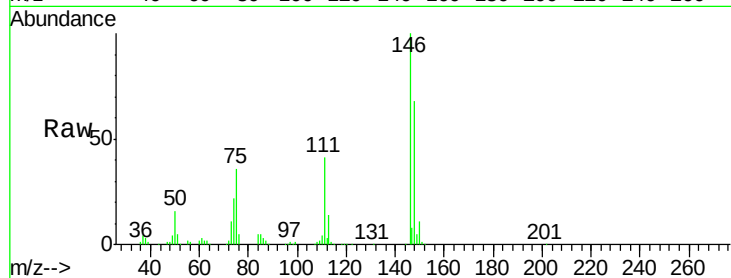
Tot Ion:146 Resp: 205975

Ion Ratio Lower Upper

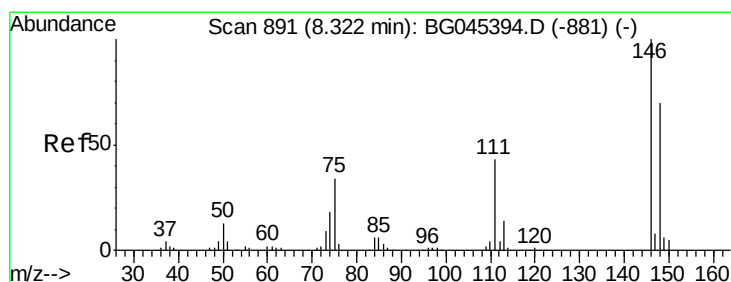
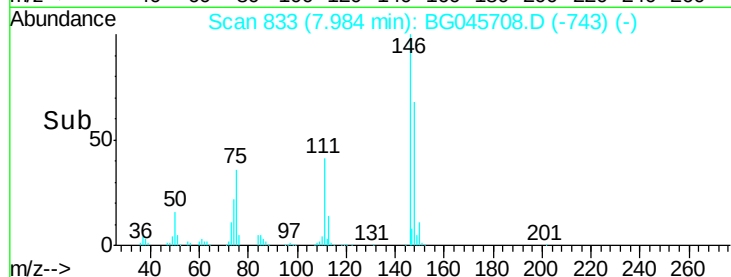
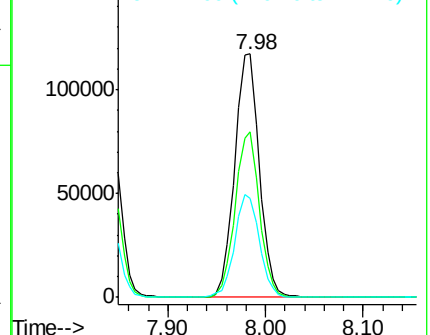
146 100

148 68.0 51.8 77.8

111 40.8 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: 53.975 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

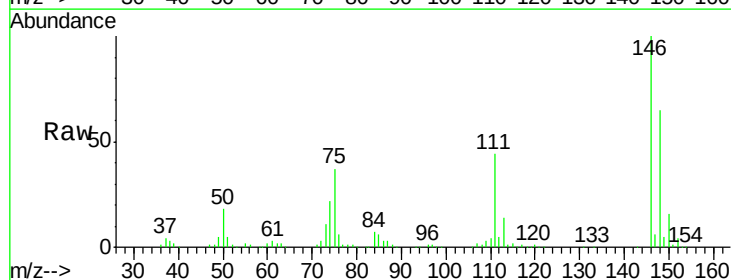
Tgt Ion:146 Resp: 195801

Ion Ratio Lower Upper

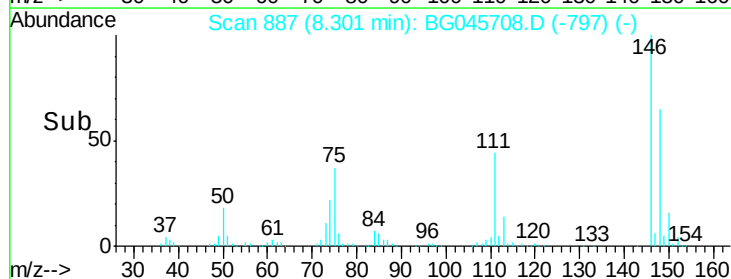
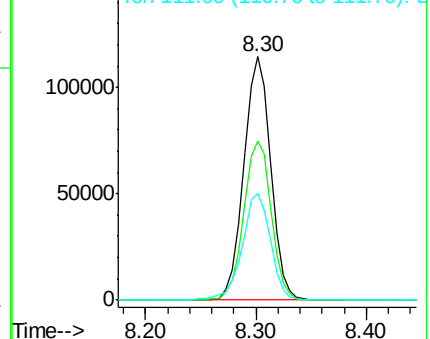
146 100

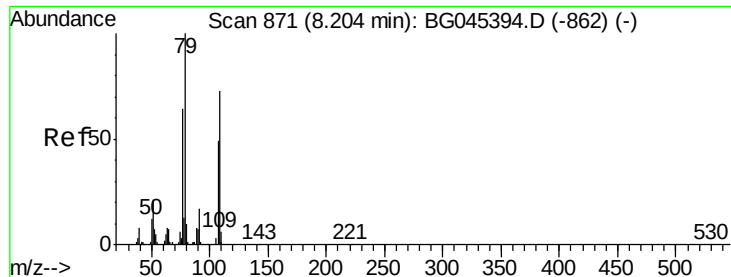
148 65.3 55.9 83.9

111 44.1 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: 57.073 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampled :

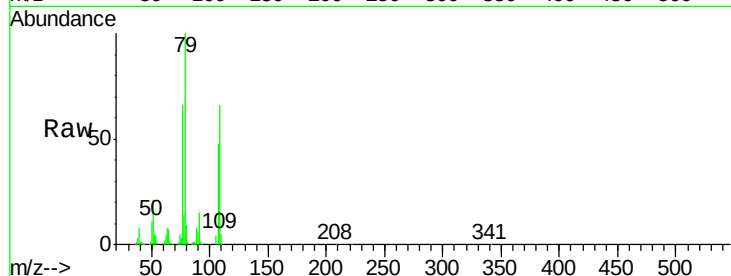
Tot Ion: 79 Resp: 194612

Ion Ratio Lower Upper

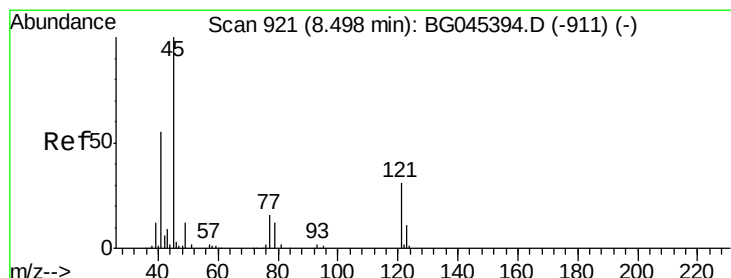
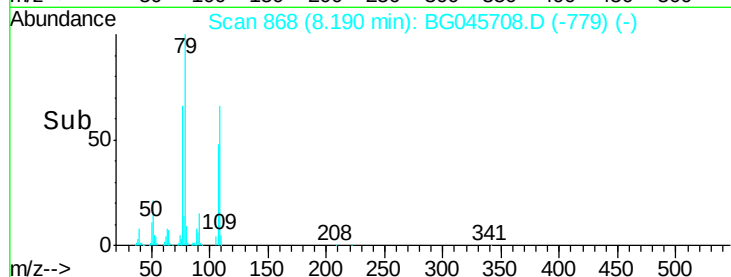
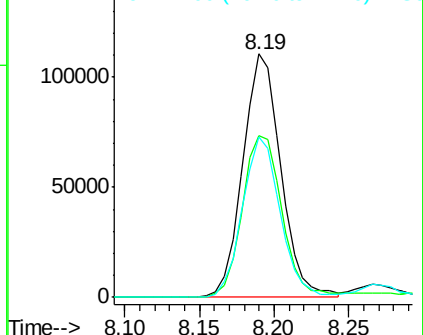
79 100

108 66.4 58.2 87.4

77 66.1 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.278 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

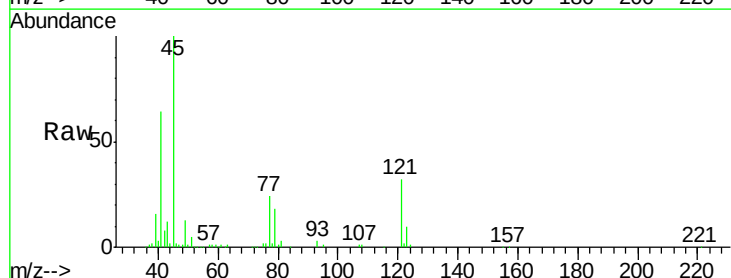
Tgt Ion: 45 Resp: 164665

Ion Ratio Lower Upper

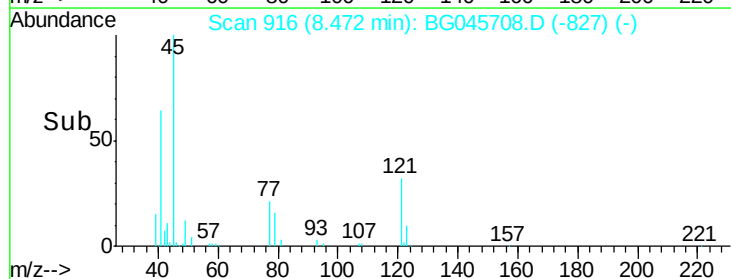
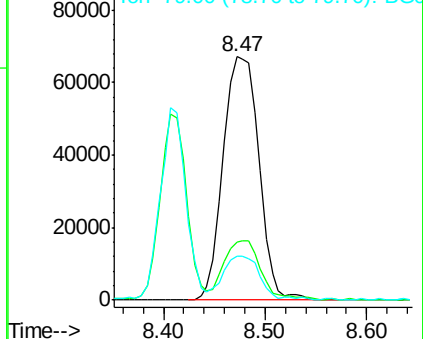
45 100

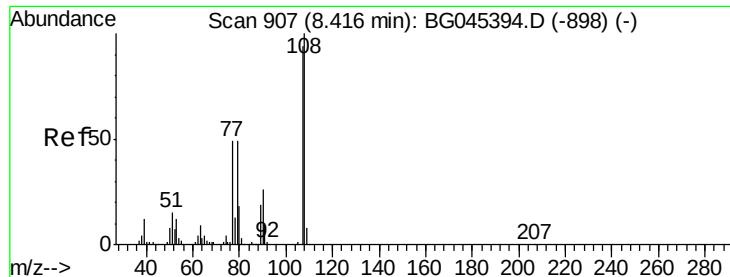
77 23.7 4.0 44.0

79 17.8 0.0 38.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

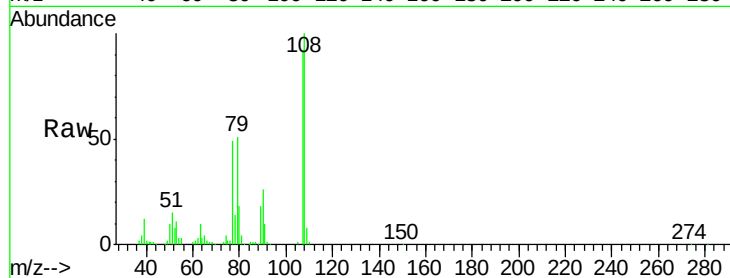




#17
2-Methylphenol
Concen: 53.337 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.3	85.2	127.8
77	53.3	41.6	62.4
79	54.9	41.8	62.8



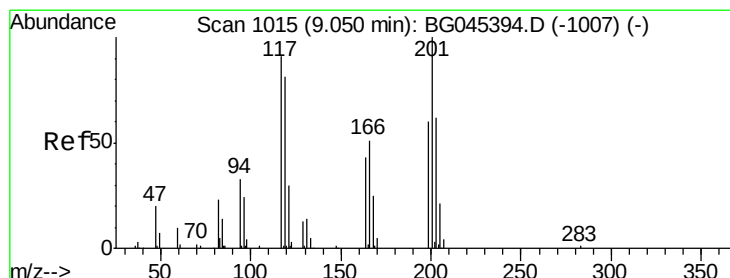
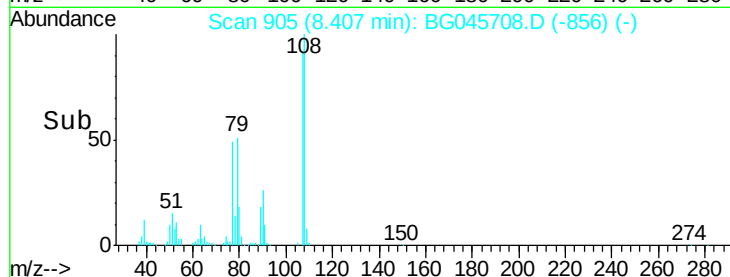
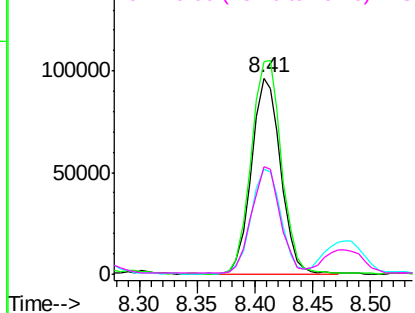
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

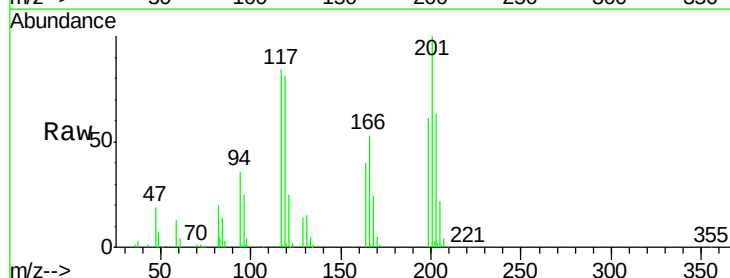
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 55.114 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	71.3	106.9
201	118.4	87.5	131.3

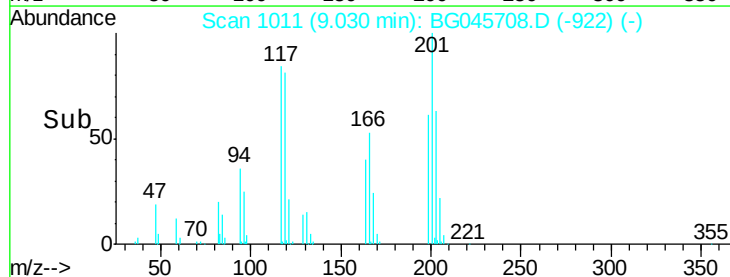
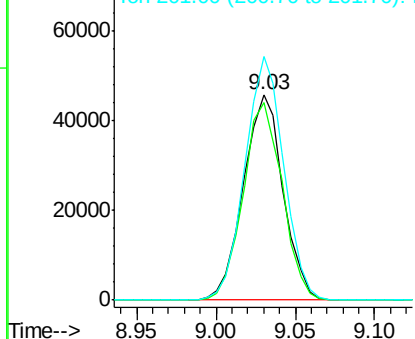


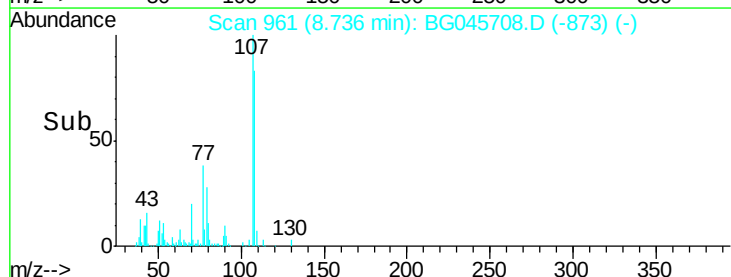
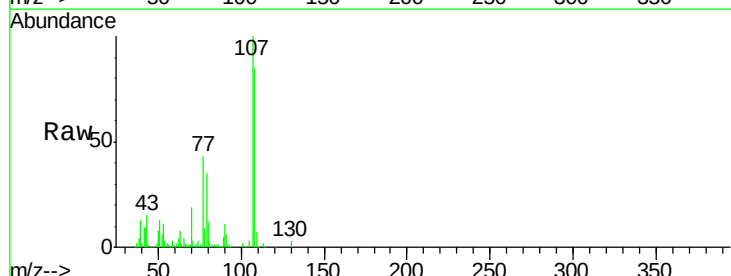
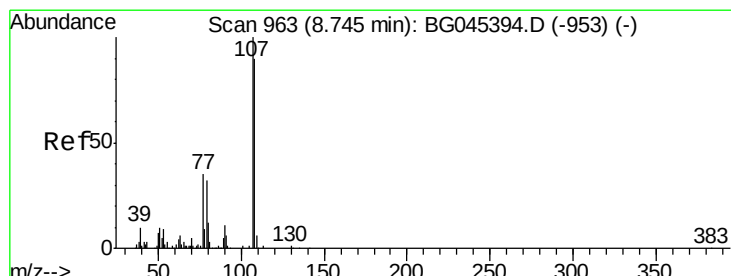
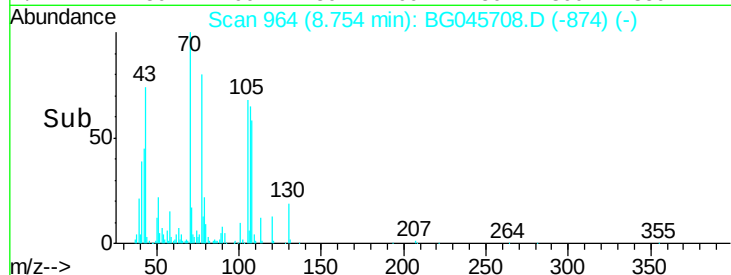
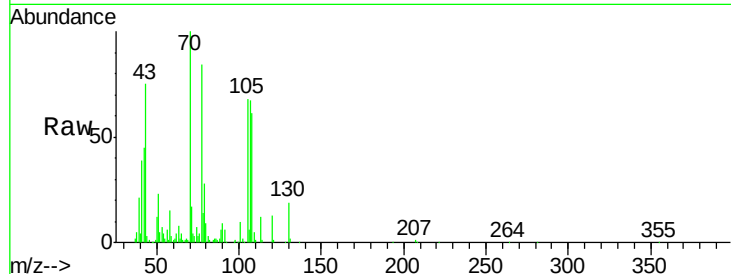
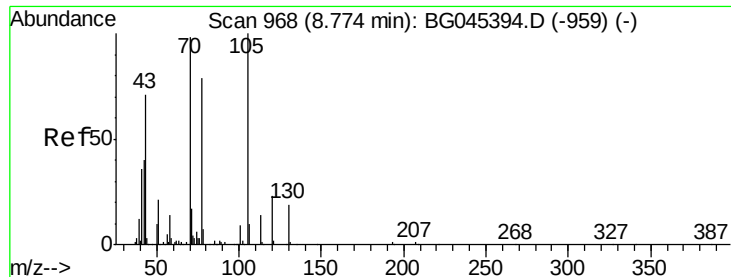
Abundance

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

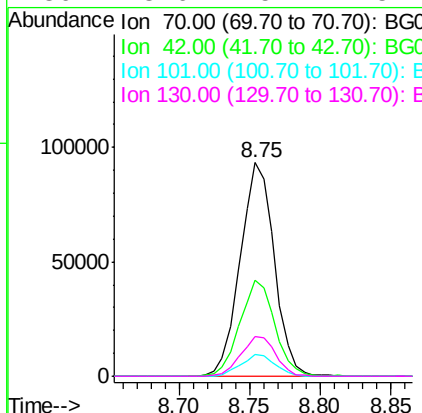




#19
n-Nitroso-di-n-propylamine
Concen: 55.244 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

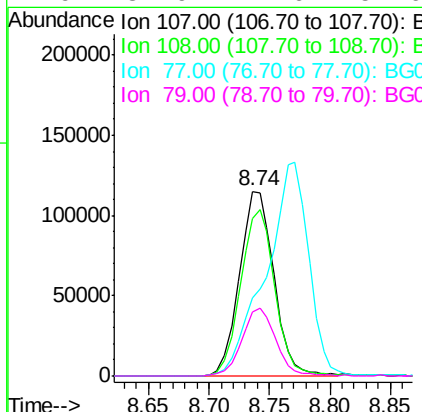
Instrument :
BNA_G
ClientSampleId :

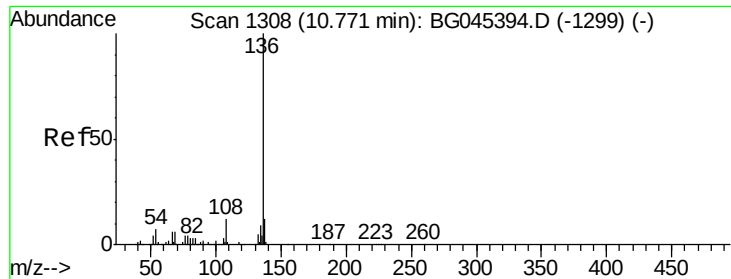
Tot Ion:	70	Resp:	157689
Ion	Ratio	Lower	Upper
70	100		
42	45.0	33.2	49.8
101	10.3	7.8	11.6
130	18.6	15.4	23.2



#20
3+4-Methylphenols
Concen: 52.779 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:	107	Resp:	228853
Ion	Ratio	Lower	Upper
107	100		
108	85.2	70.3	110.3
77	42.6	15.4	55.4
79	34.9	12.6	52.6

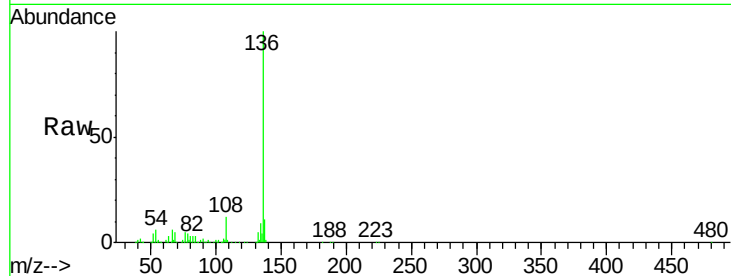




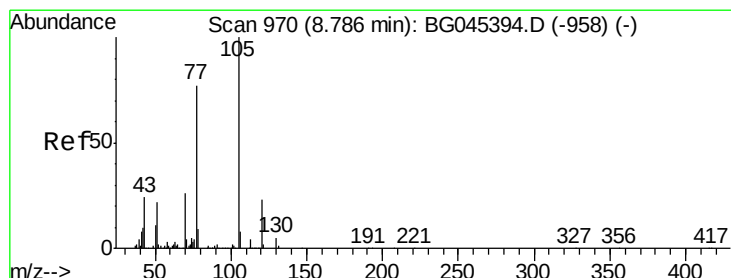
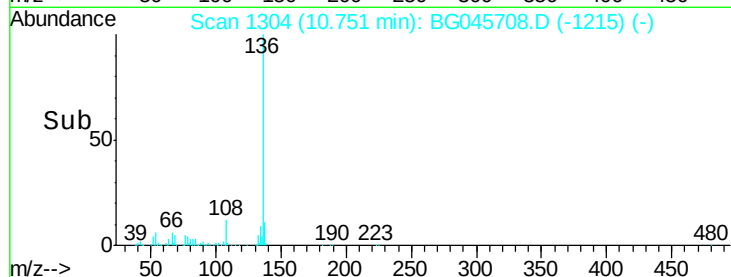
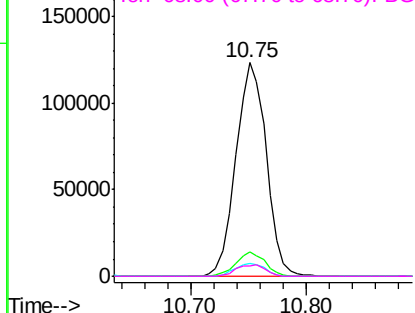
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	224173
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.4 14.2
54	6.0	5.8 8.6
68	5.1	4.5 6.7

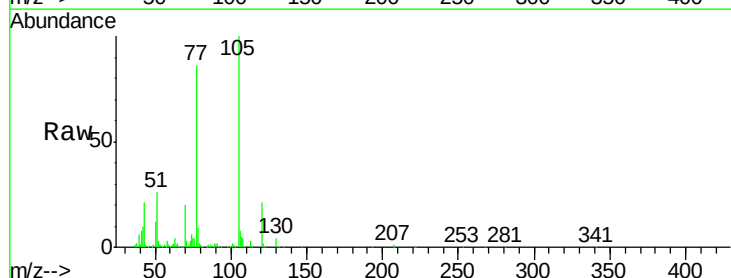


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

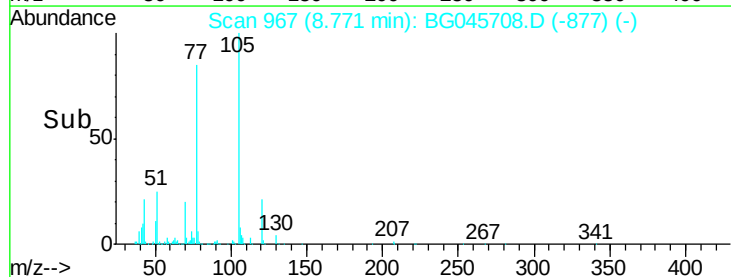
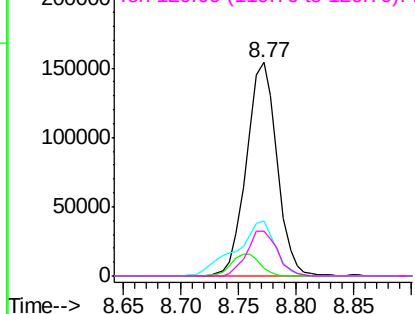


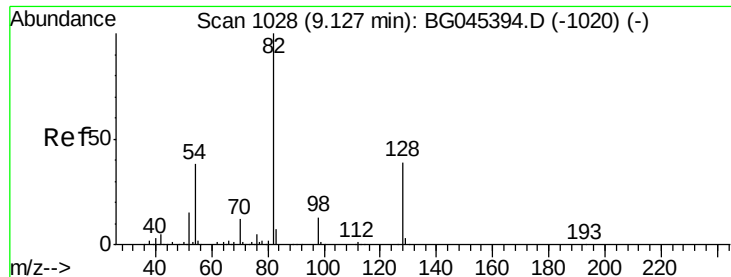
#22
Acetophenone
Concen: 53.452 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:105	Resp:	284000
Ion Ratio	Lower	Upper
105	100	
71	3.5	3.4 5.0
51	25.6	18.2 27.2
120	20.9	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

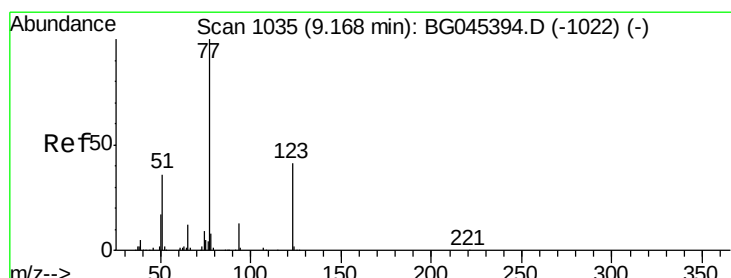
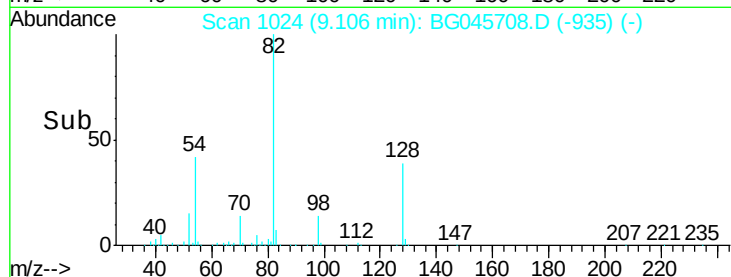
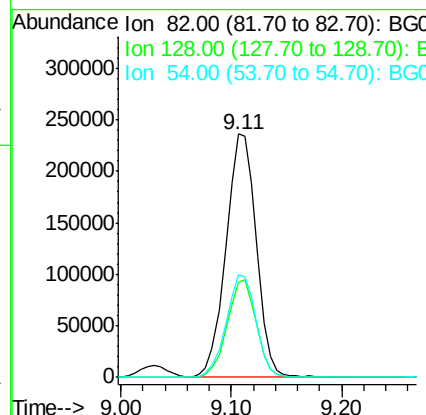
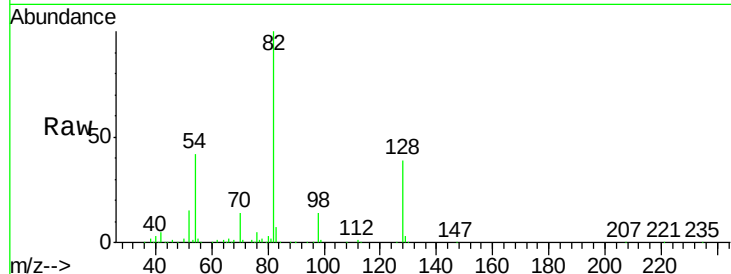




#23
 Nitrobenzene-d5
 Concen: 109.649 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

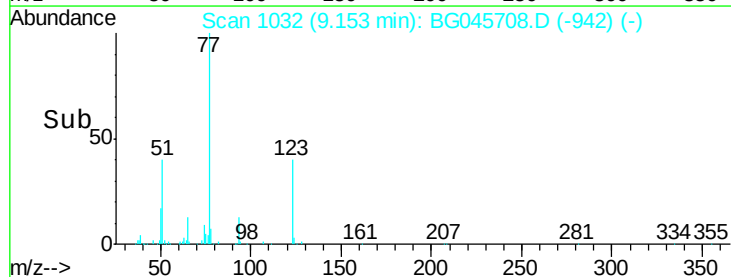
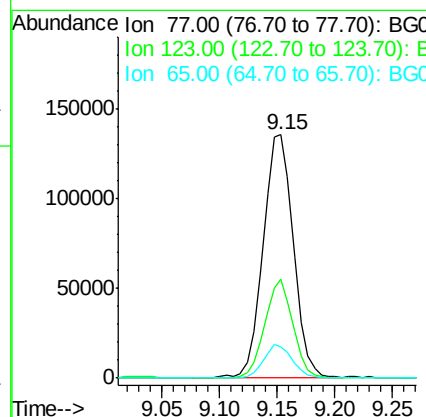
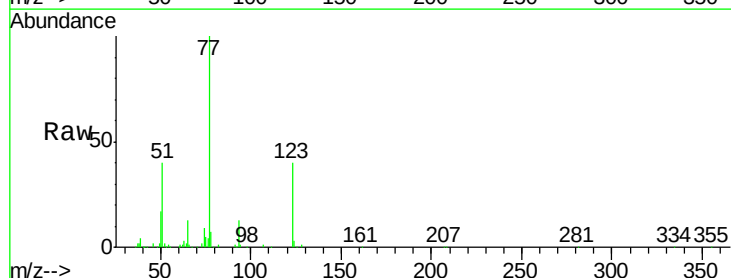
Instrument :
 BNA_G
 ClientSampleId :

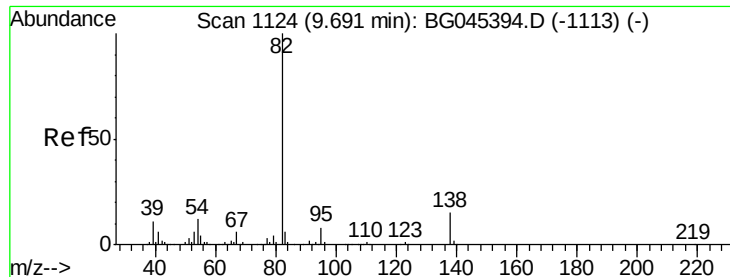
Tot Ion	82	Resp	450753
Ion Ratio	Lower	Upper	
82	100		
128	38.8	30.9	46.3
54	42.0	30.3	45.5



#24
 Nitrobenzene
 Concen: 56.424 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

Tgt Ion	77	Resp	248514
Ion Ratio	Lower	Upper	
77	100		
123	40.4	32.9	49.3
65	12.7	9.4	14.2





#25

Isophorone

Concen: 53.346 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

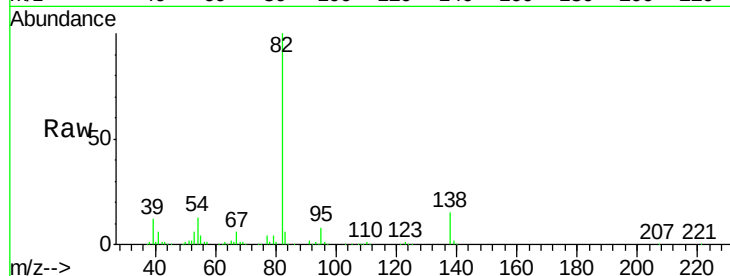
Tot Ion: 82 Resp: 431886

Ion Ratio Lower Upper

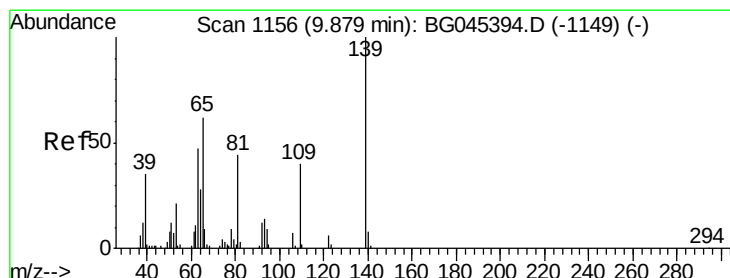
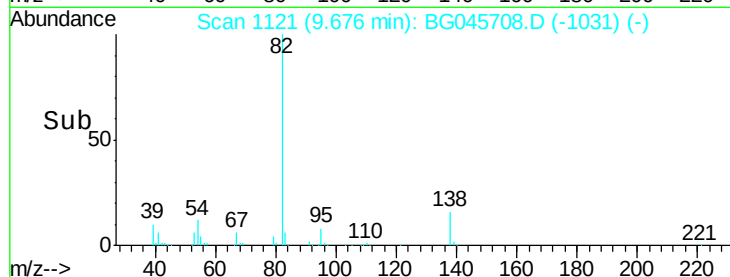
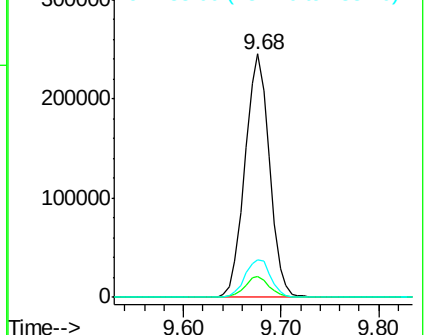
82 100

95 8.3 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: 56.885 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

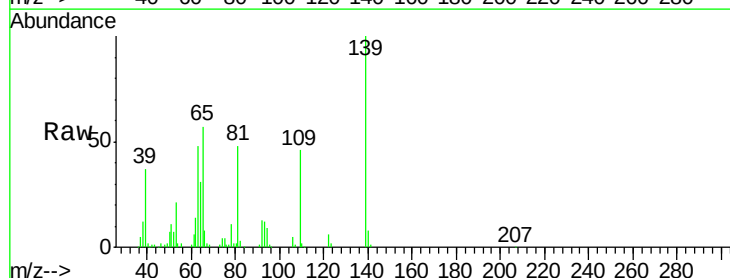
Tgt Ion: 139 Resp: 107179

Ion Ratio Lower Upper

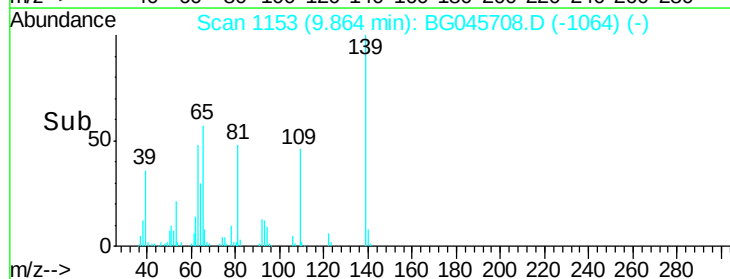
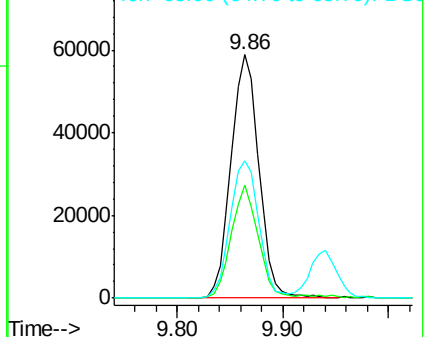
139 100

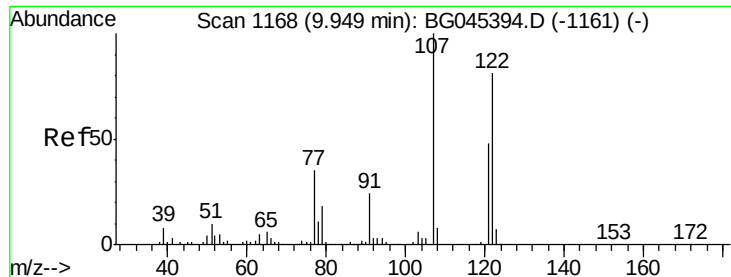
109 46.3 32.2 48.4

65 56.5 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

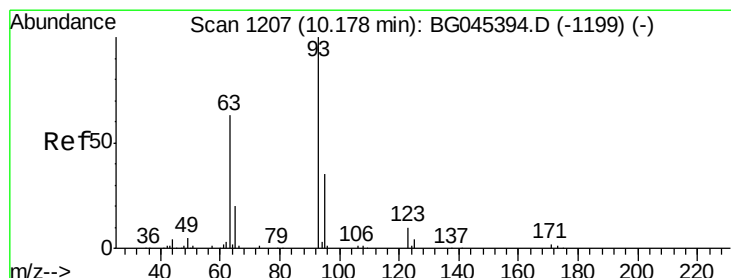
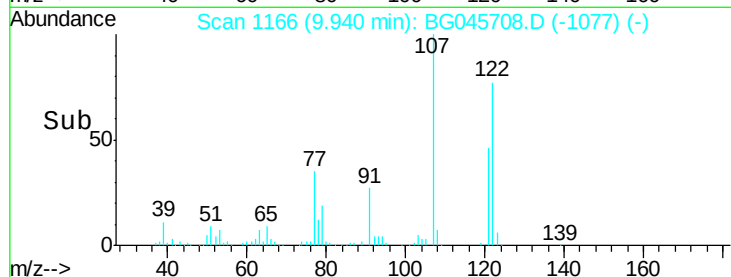
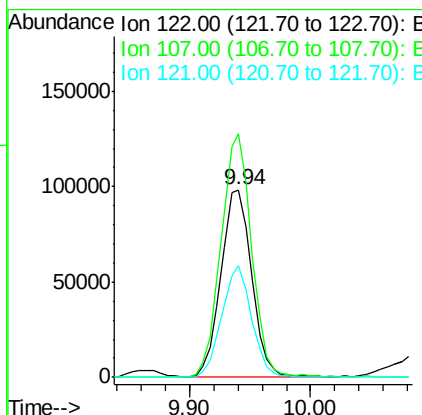
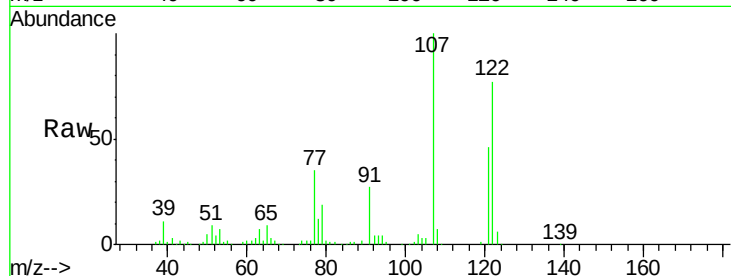




#27
 2,4-Dimethylphenol
 Concen: 61.613 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

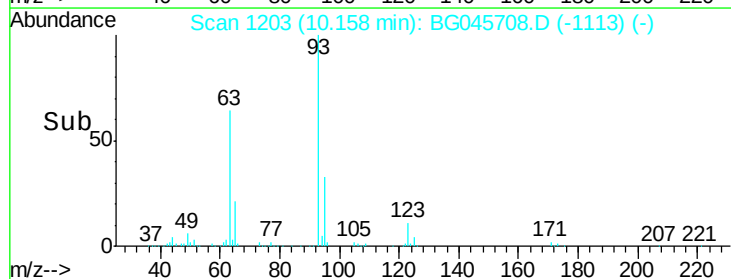
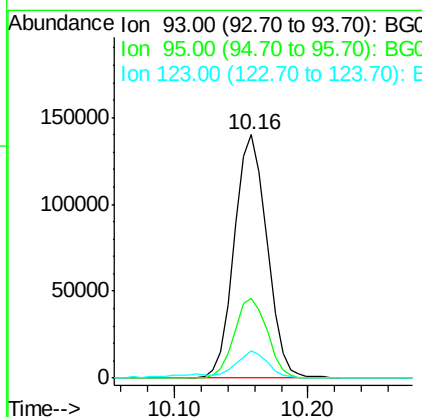
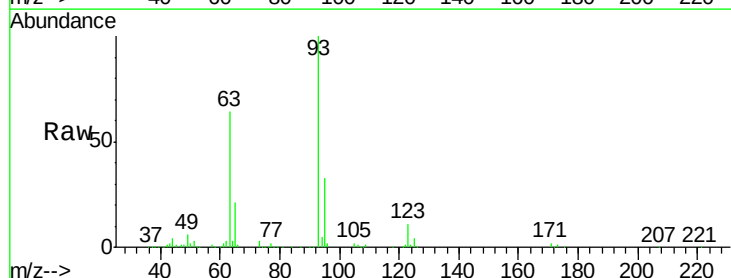
Instrument :
 BNA_G
 ClientSampleId :

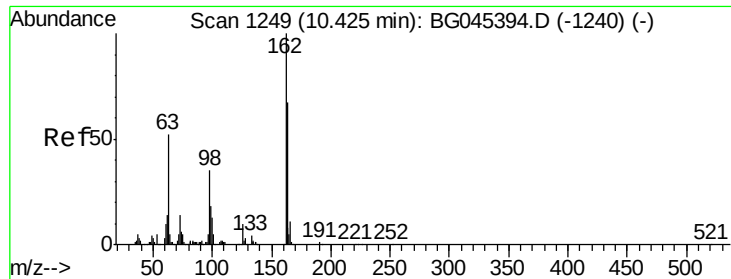
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.8	99.0	148.4
121	59.7	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 56.148 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.6	41.4
123	11.1	8.1	12.1

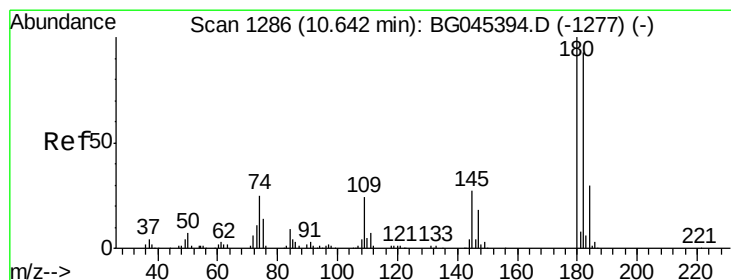
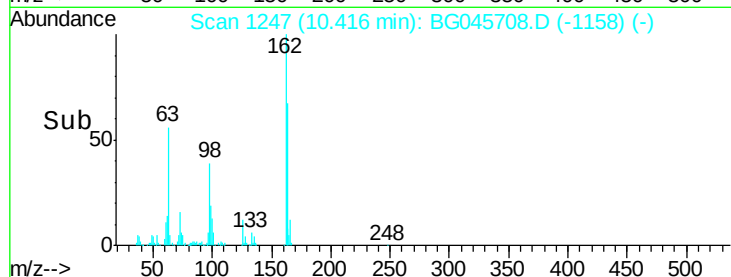
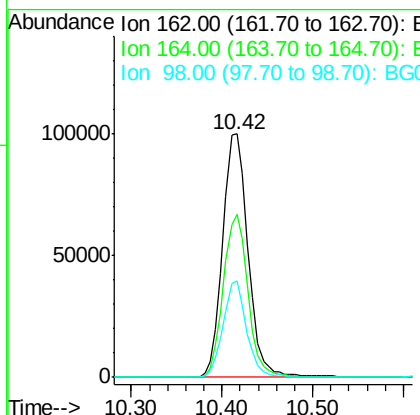
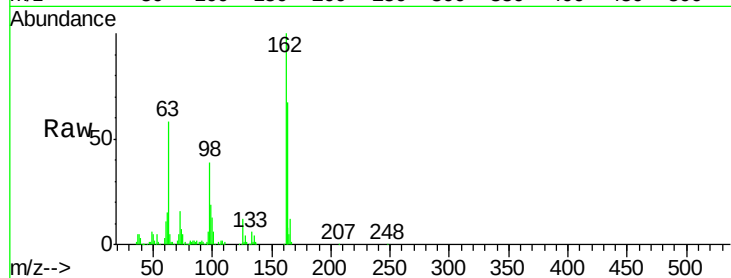




#29
 2,4-Dichlorophenol
 Concen: 59.107 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

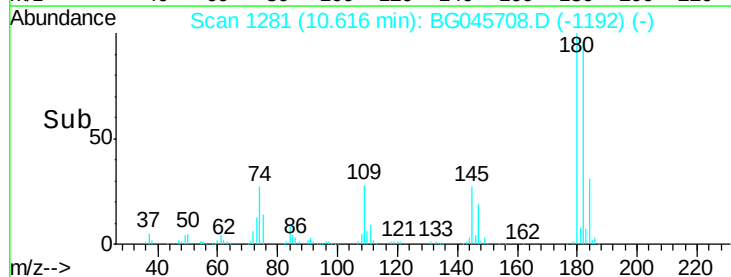
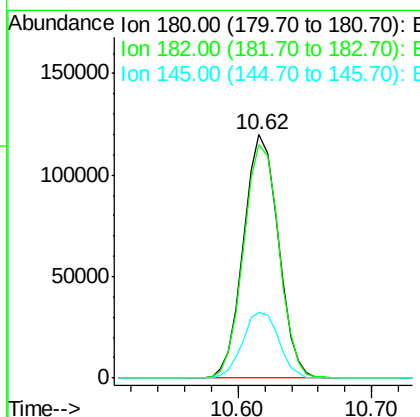
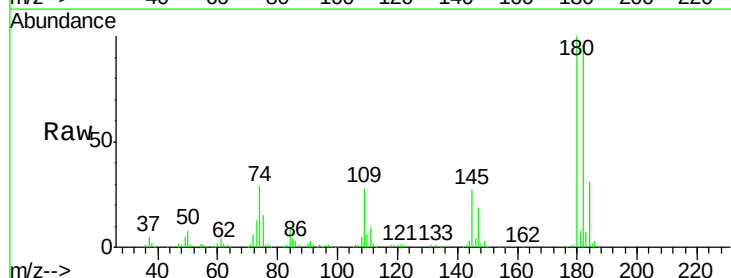
Instrument :
 BNA_G
 ClientSampled :

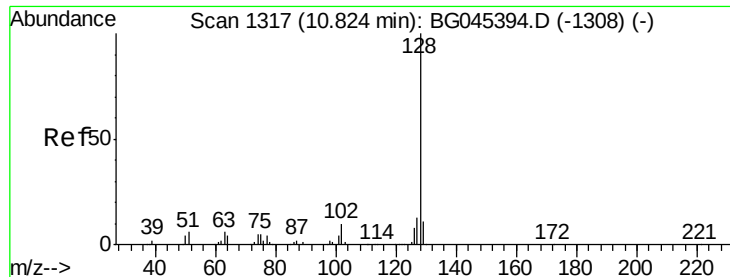
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	46.8	86.8
98	39.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 55.563 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.8	112.2
145	27.1	21.9	32.9

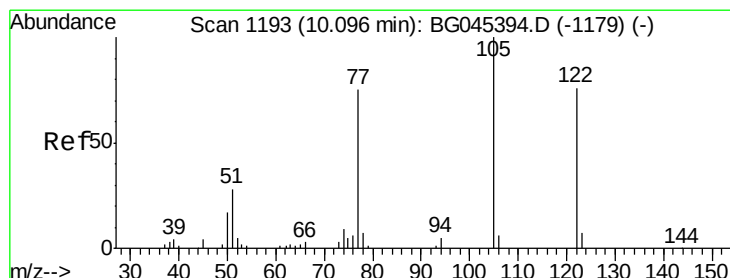
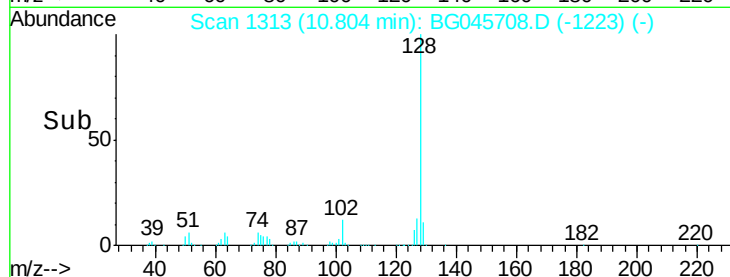
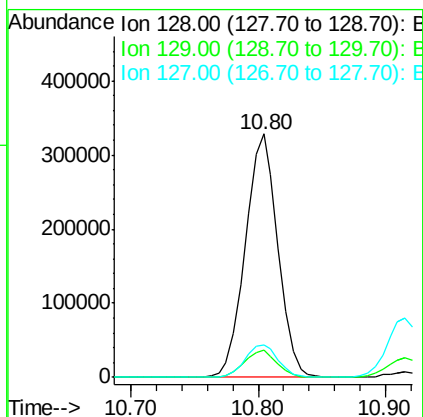
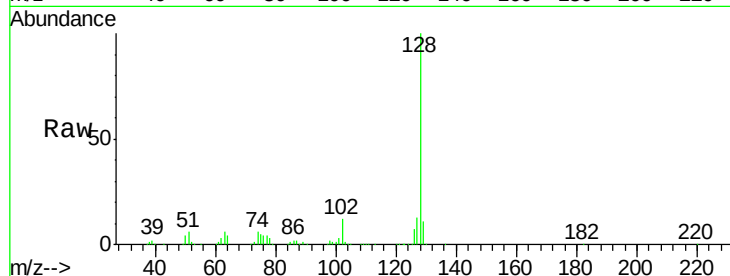




#31
Naphthalene
Concen: 55.678 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

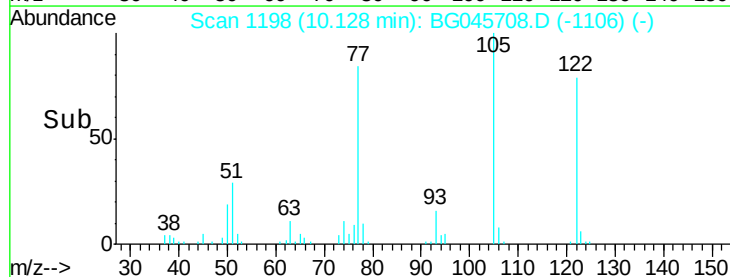
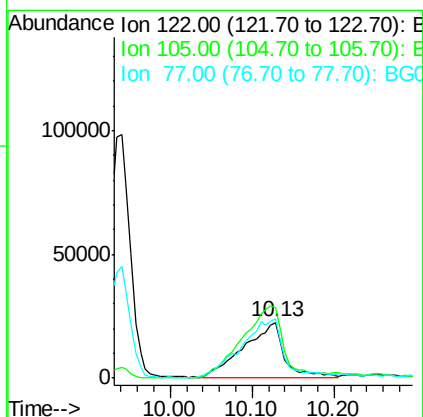
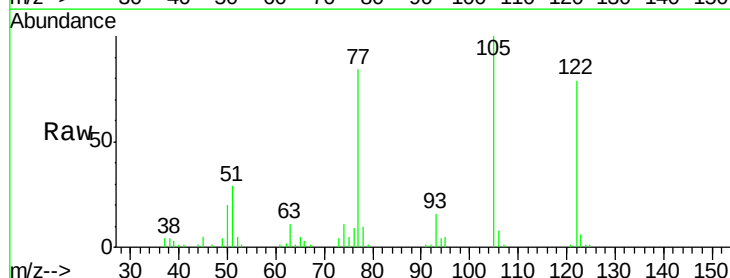
Instrument :
BNA_G
ClientSampleId :

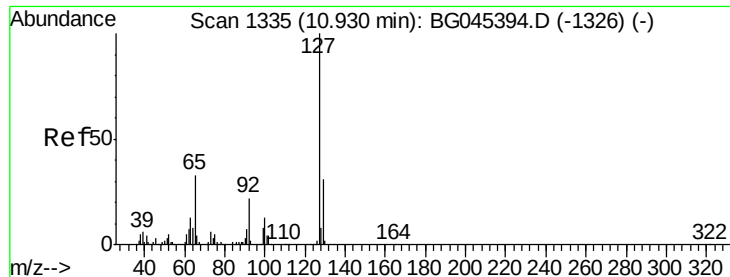
Tot Ion:128 Resp: 581628
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 41.013 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:122 Resp: 74443
Ion Ratio Lower Upper
122 100
105 127.1 107.9 147.9
77 106.9 78.9 118.9

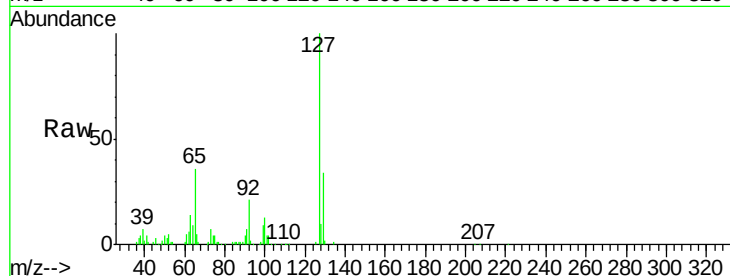




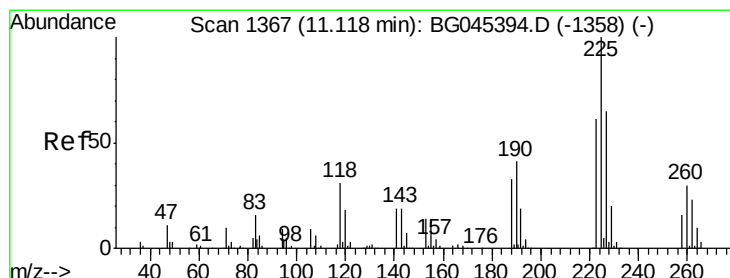
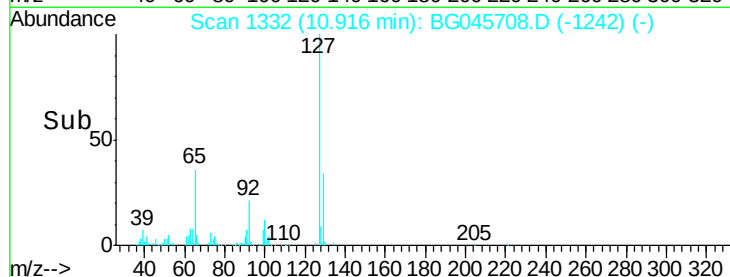
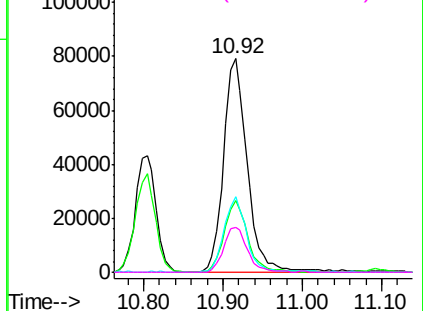
#33
4-Chloroaniline
Concen: 37.156 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	162245
Ion	Ratio	Lower	Upper
127	100		
129	33.8	24.7	37.1
65	35.6	26.2	39.2
92	20.8	17.9	26.9

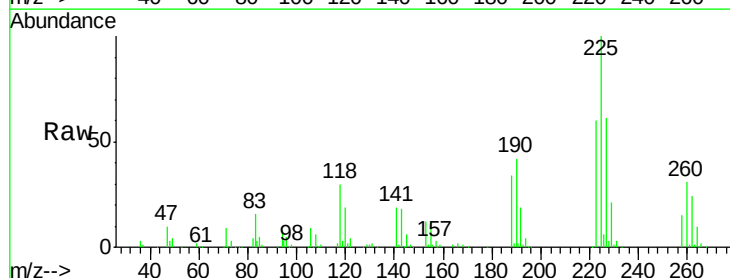


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

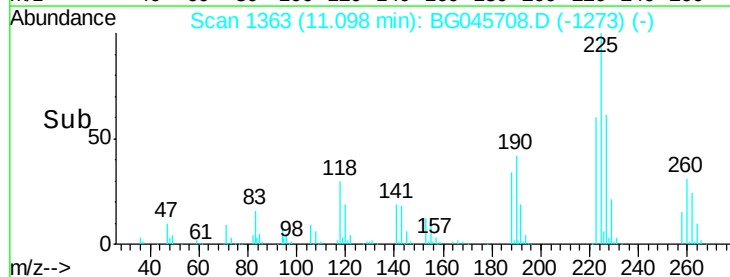
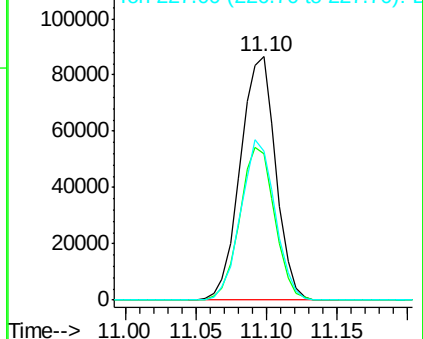


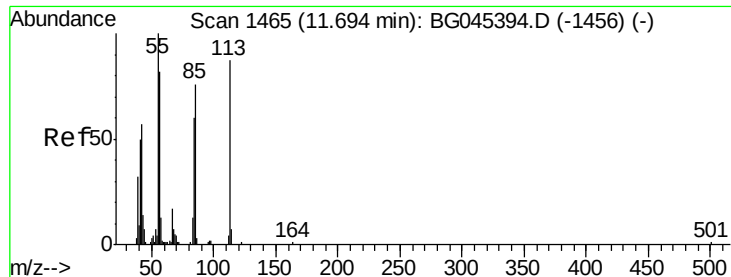
#34
Hexachlorobutadiene
Concen: 55.084 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:	225	Resp:	151830
Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.1	73.7
227	61.0	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

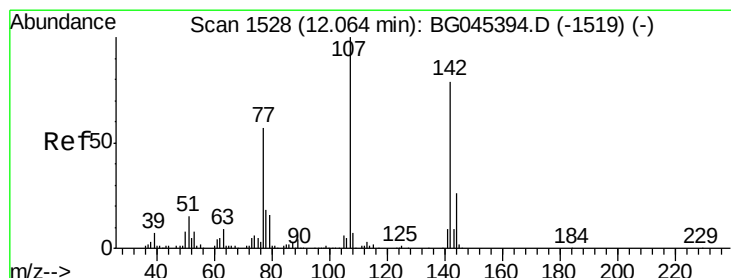
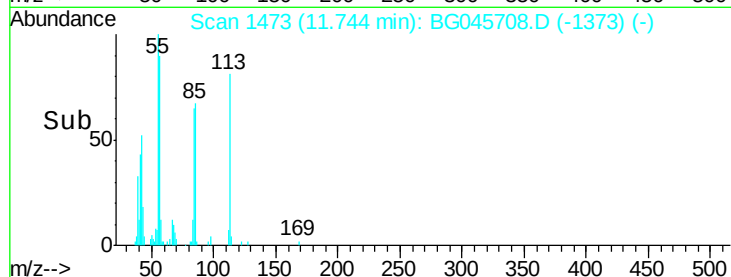
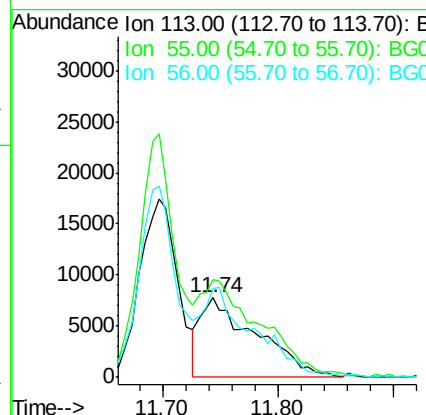
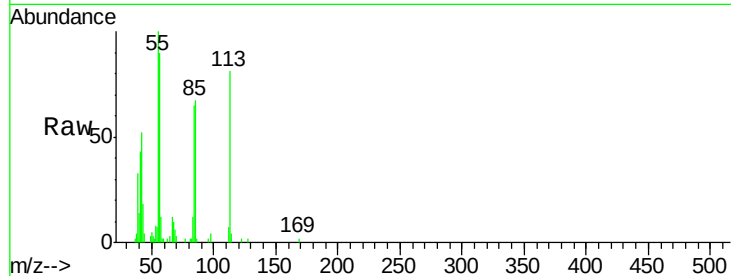




#35
Caprolactam
Concen: 21.480 ng
RT: 11.74 min Scan# 1473
Delta R.T. 0.06 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

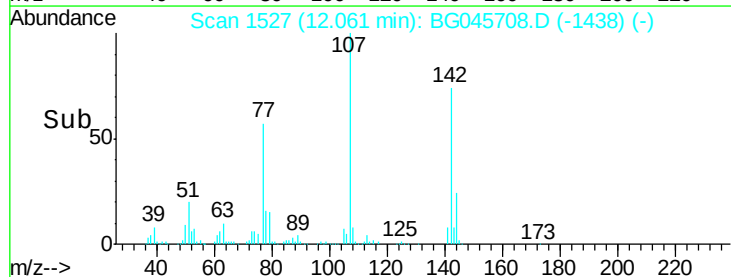
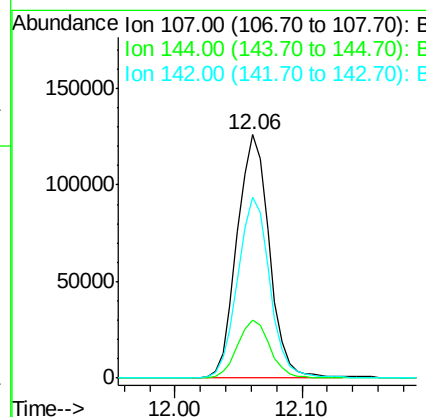
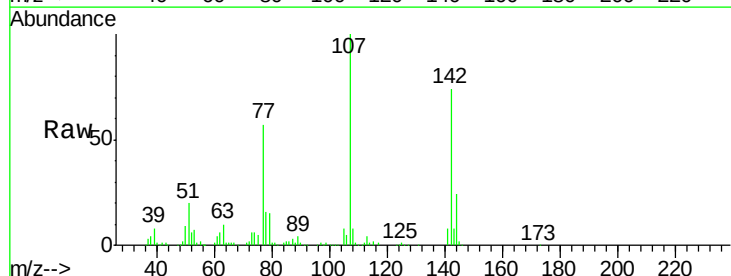
Instrument :
BNA_G
ClientSampleId :

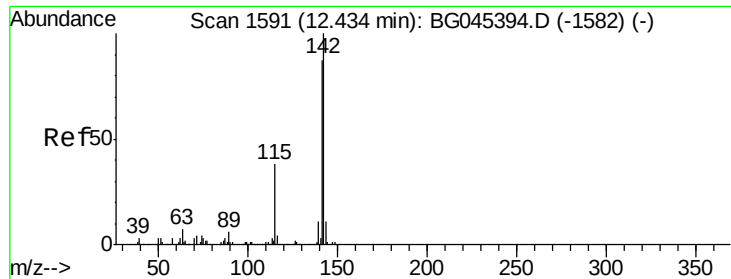
Tot Ion:113 Resp: 26017
Ion Ratio Lower Upper
113 100
55 124.0 96.0 136.0
56 111.4 75.1 115.1



#36
4-Chloro-3-methylphenol
Concen: 59.791 ng
RT: 12.06 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:107 Resp: 222331
Ion Ratio Lower Upper
107 100
144 24.0 20.8 31.2
142 74.2 62.8 94.2

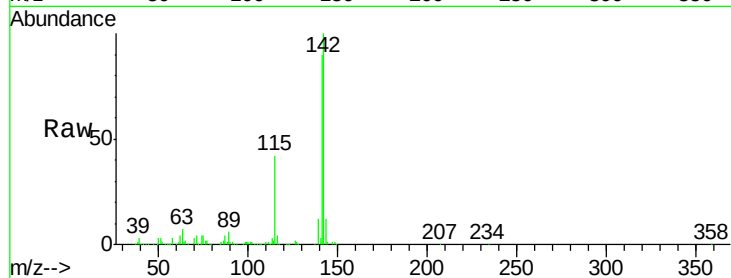




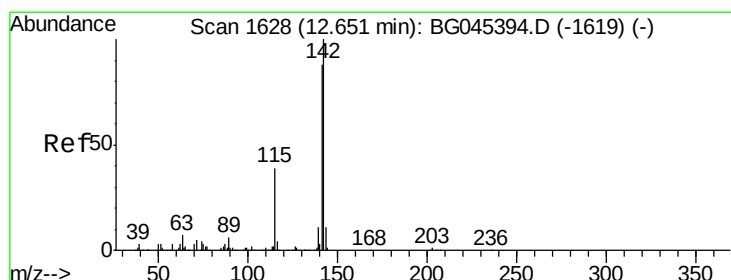
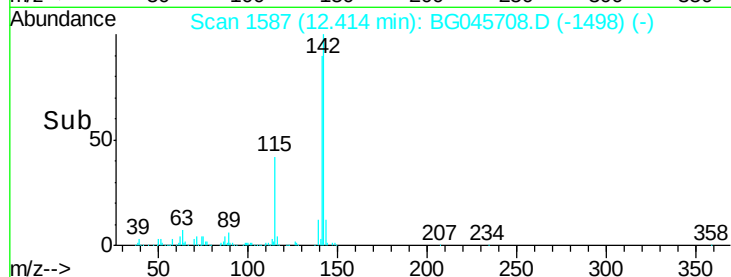
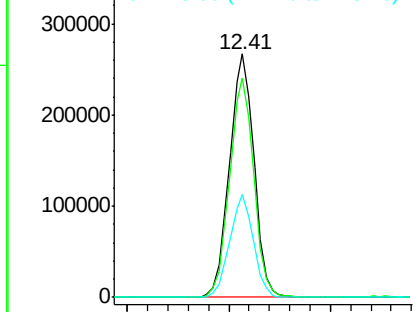
#37
2-Methylnaphthalene
Concen: 57.294 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.0	105.0
115	42.2	30.8	46.2

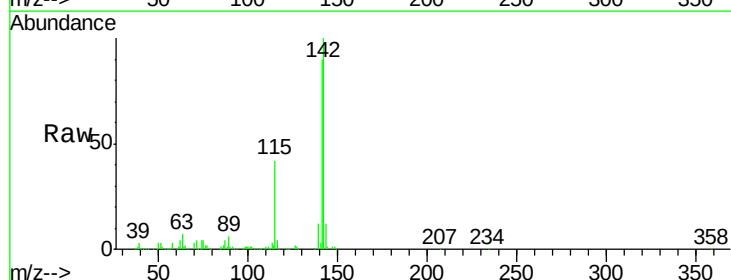


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

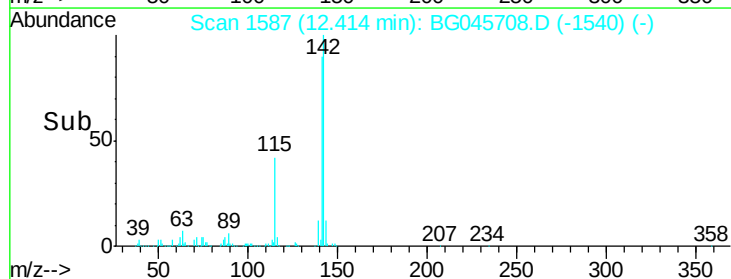
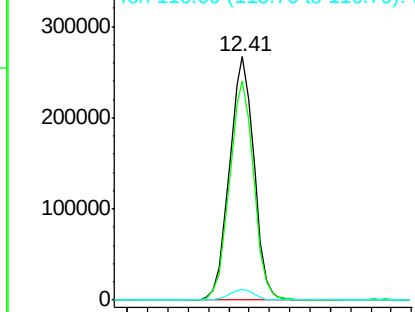


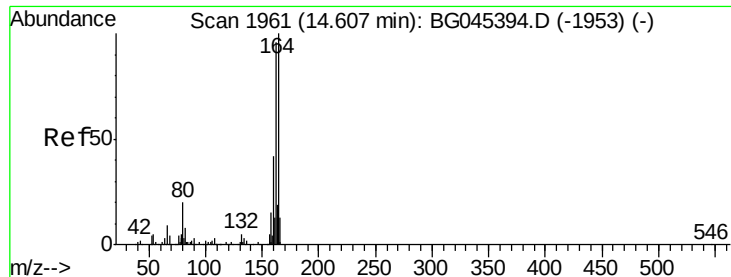
#38
1-Methylnaphthalene
Concen: 60.652 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.23 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
116	4.3	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

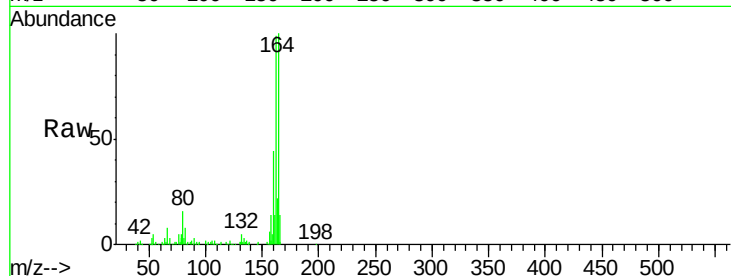
Tot Ion:164 Resp: 153955

Ion Ratio Lower Upper

164 100

162 99.0 76.9 115.3

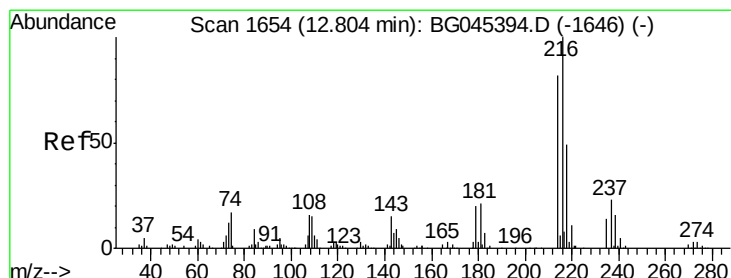
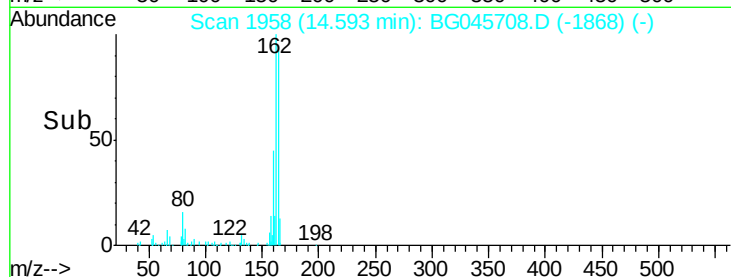
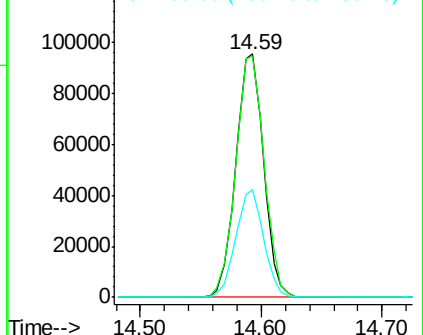
160 44.2 33.8 50.8



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: 57.118 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Tgt Ion:216 Resp: 245618

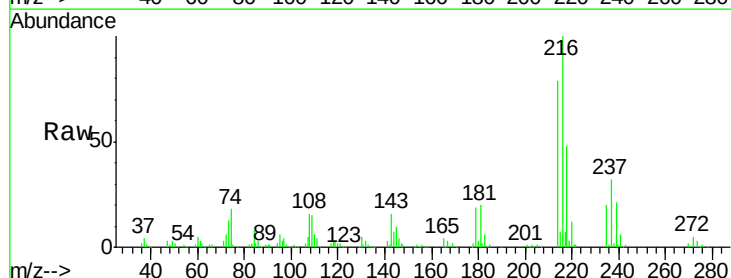
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 19.7 16.1 24.1

108 19.3 13.8 20.6

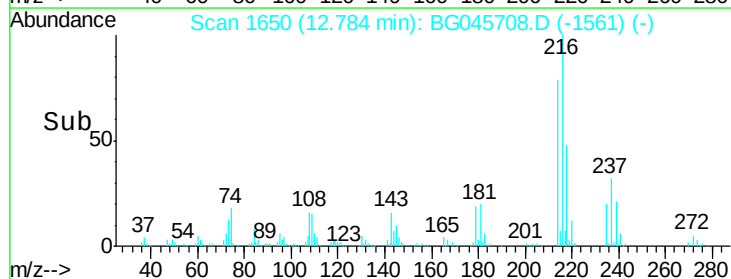
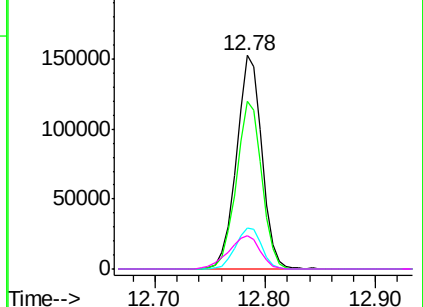


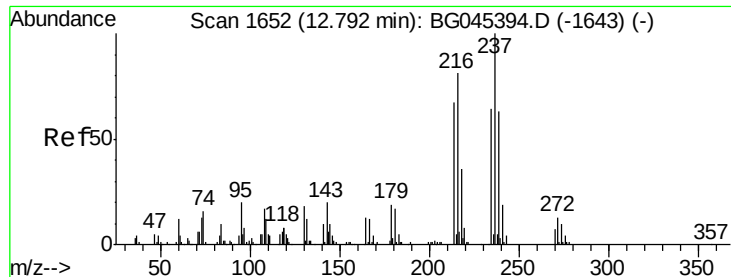
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

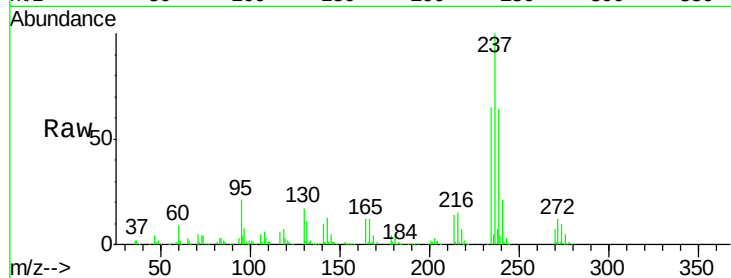




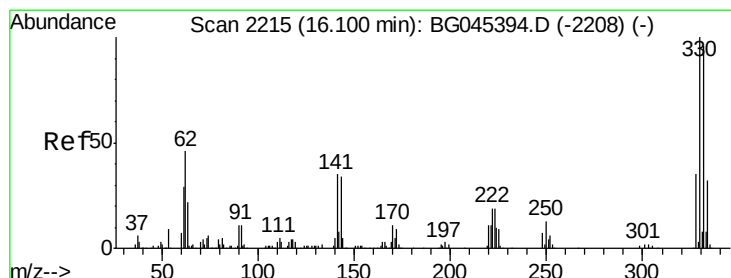
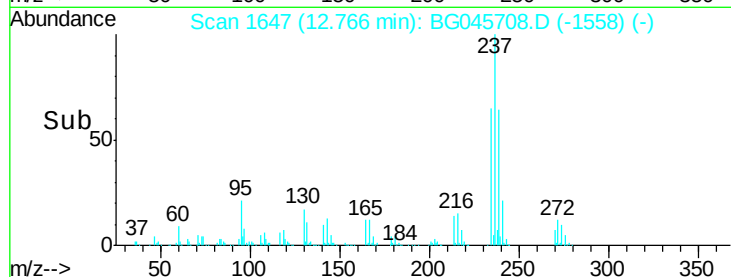
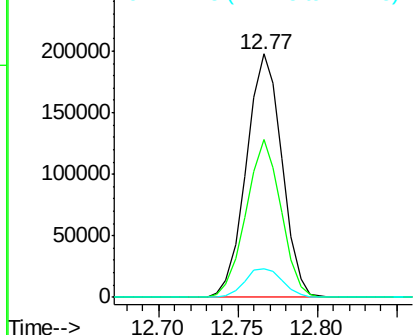
#41
Hexachlorocyclopentadiene
Concen: 124.189 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.1	44.4	84.4
272	11.7	0.0	32.5

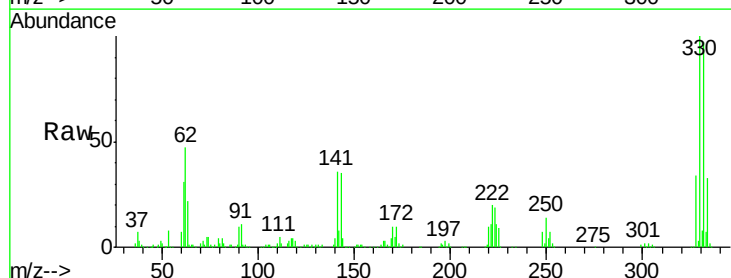


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

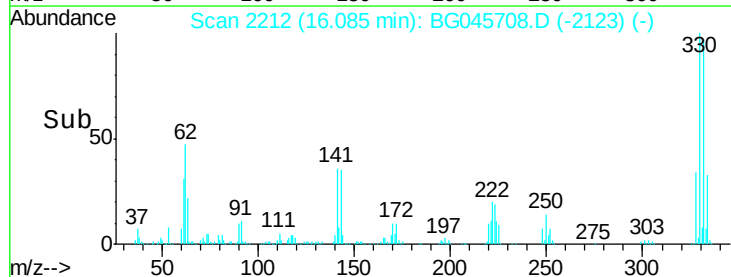
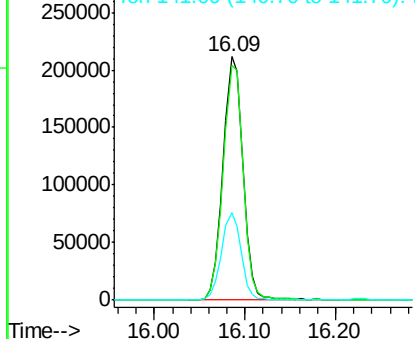


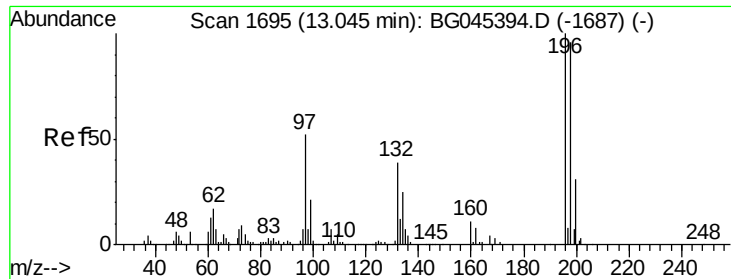
#42
2,4,6-Tribromophenol
Concen: 164.398 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	35.3	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

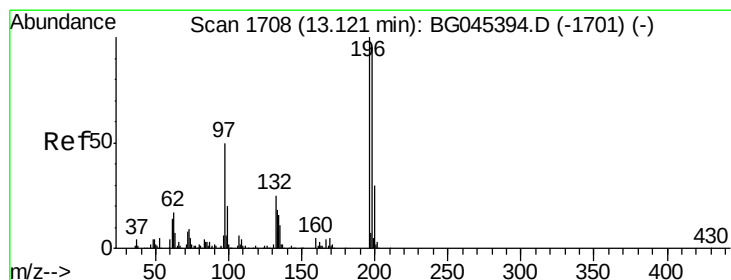
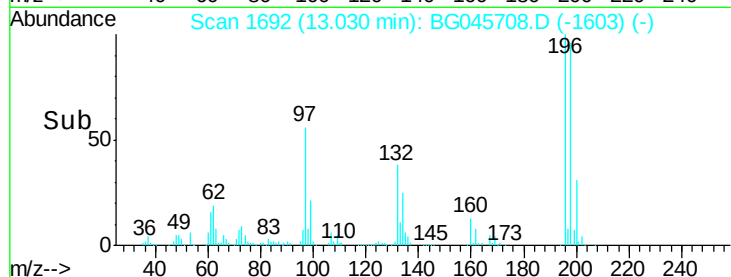
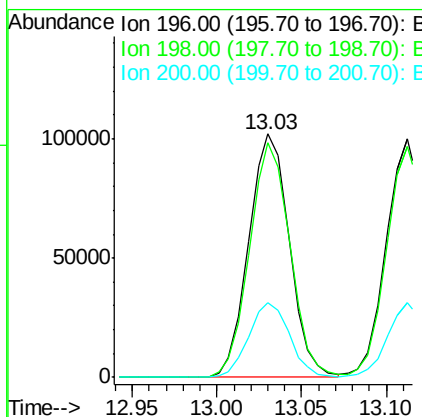
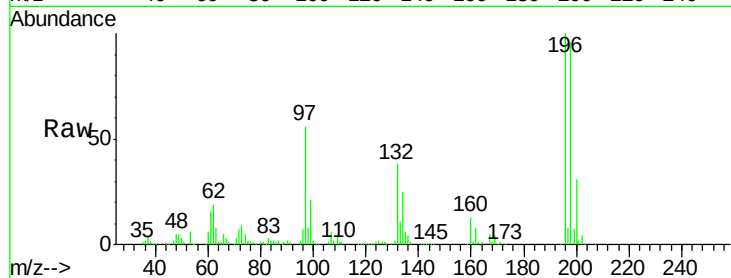




#43
2,4,6-Trichlorophenol
Concen: 57.154 ng
RT: 13.03 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

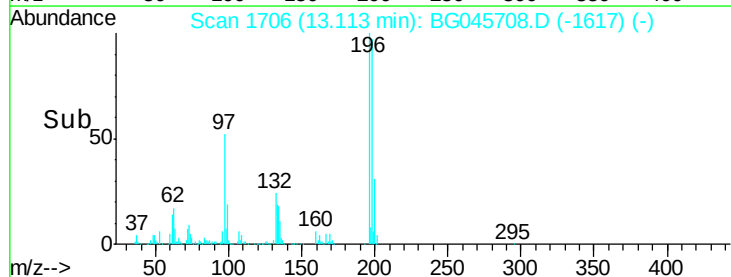
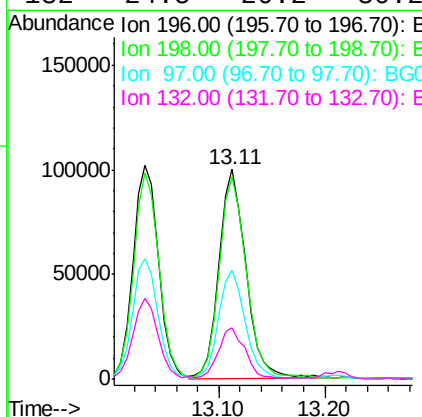
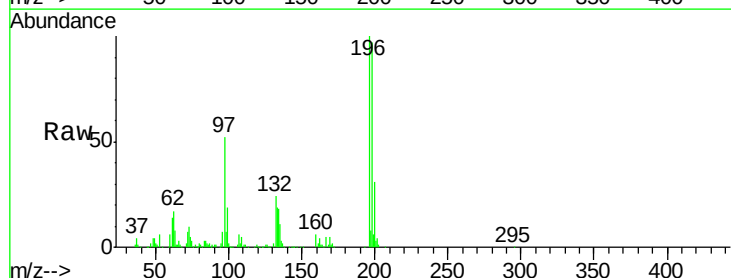
Instrument :
BNA_G
ClientSampleId :

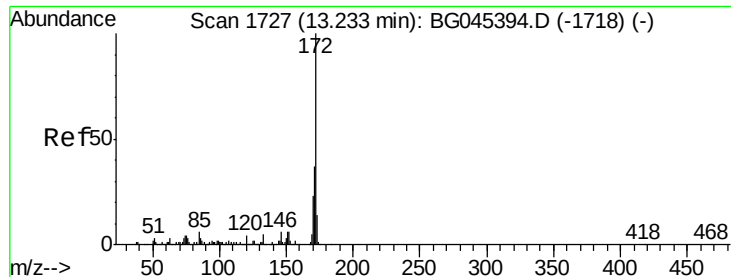
Tot Ion:196 Resp: 170730
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
200 30.6 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 51.899 ng
RT: 13.11 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:196 Resp: 177160
Ion Ratio Lower Upper
196 100
198 96.8 76.1 114.1
97 52.0 40.0 60.0
132 24.5 20.2 30.2

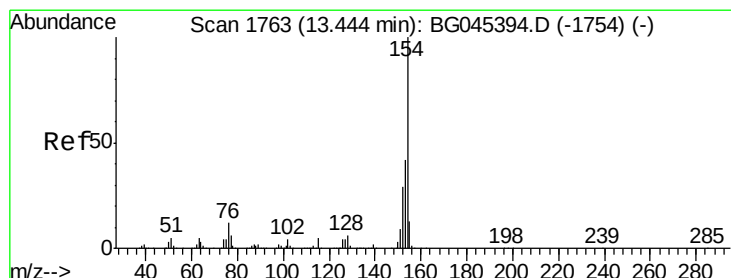
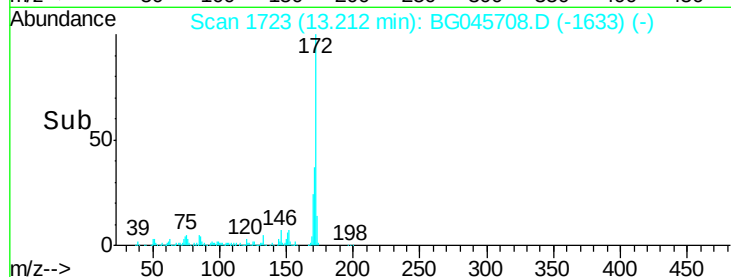
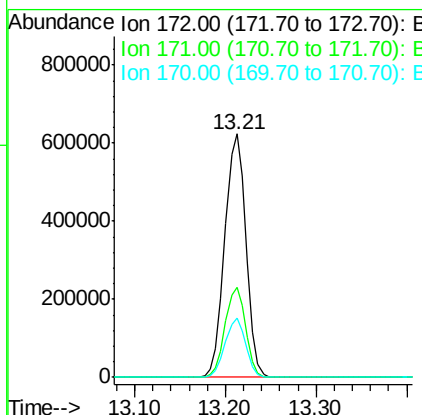
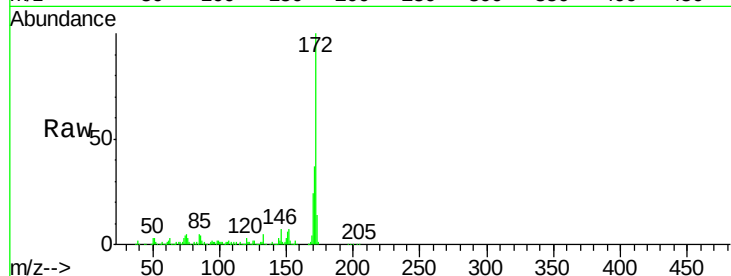




#45
2-Fluorobiphenyl
Concen: 111.366 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

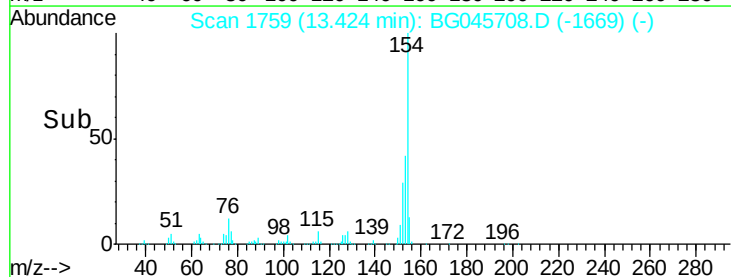
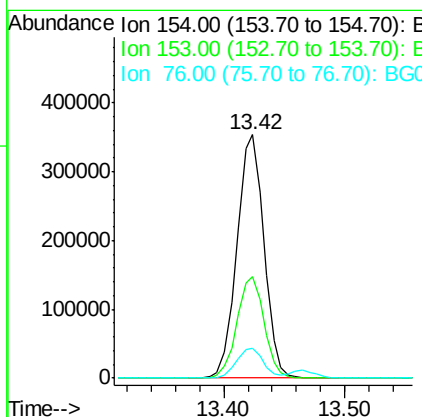
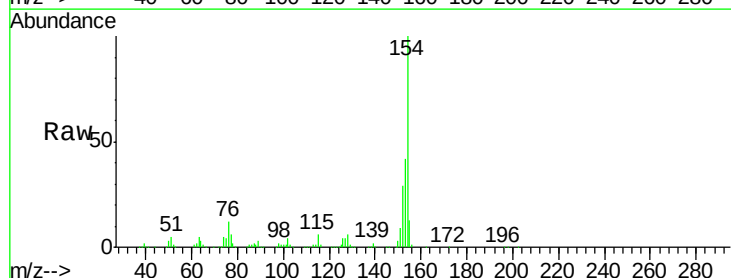
Instrument :
BNA_G
ClientSampleId :

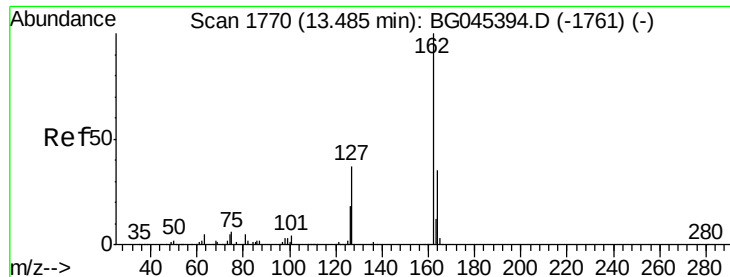
Tot Ion:172 Resp: 1010801
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 24.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 58.321 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:154 Resp: 551707
Ion Ratio Lower Upper
154 100
153 42.0 22.2 62.2
76 12.4 0.0 32.4

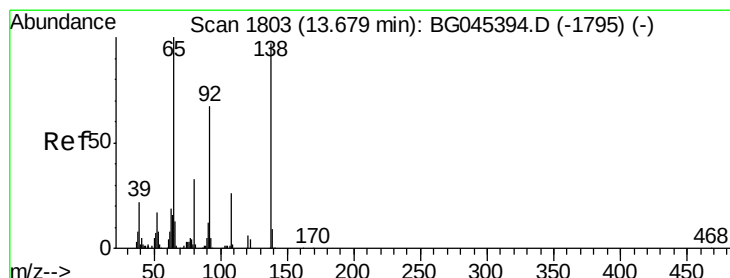
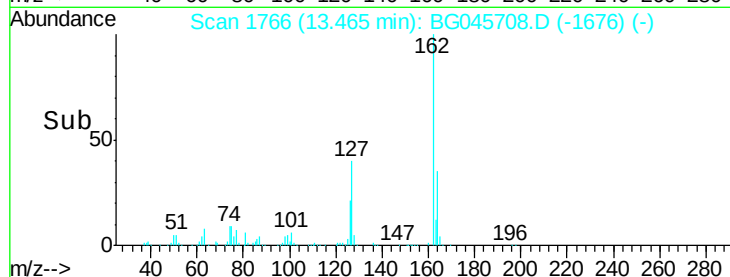
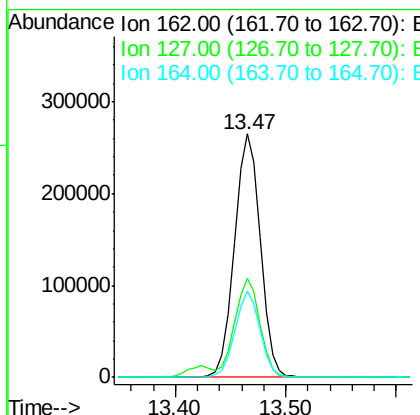
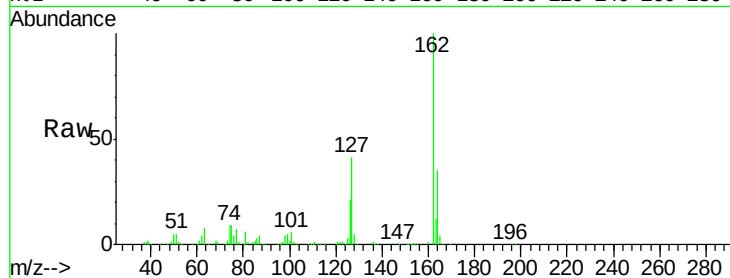




#47
 2-Chloronaphthalene
 Concen: 56.790 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

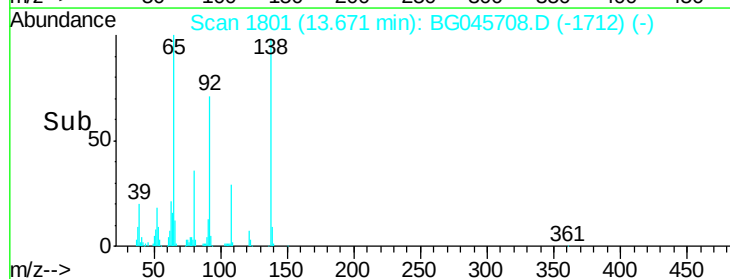
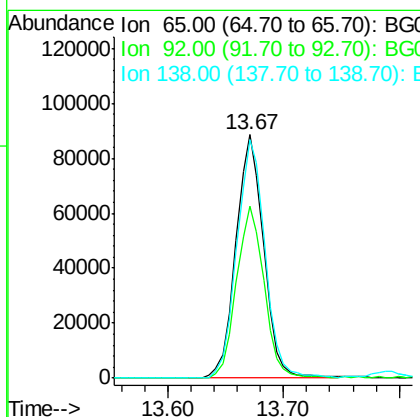
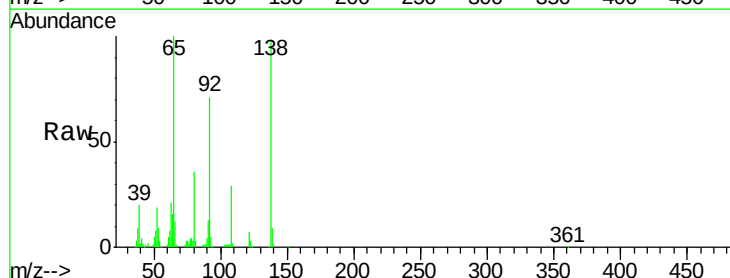
Instrument :
 BNA_G
 ClientSampleId :

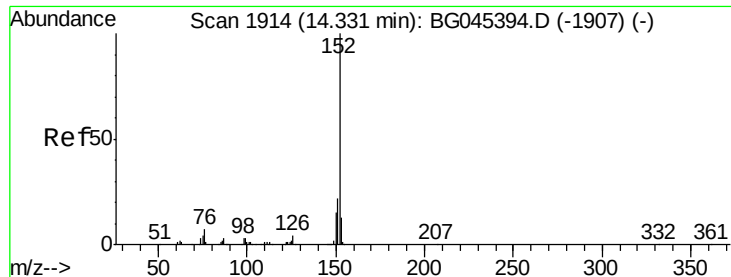
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.6	47.4
164	35.4	28.1	42.1



#48
 2-Nitroaniline
 Concen: 58.344 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	53.8	80.8
138	97.9	77.9	116.9





#49

Acenaphthylene

Concen: 57.118 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

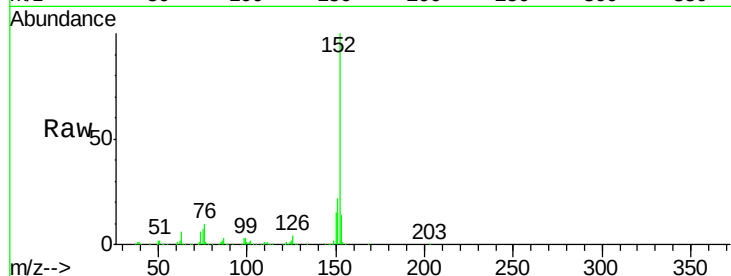
Tot Ion:152 Resp: 704766

Ion Ratio Lower Upper

152 100

151 21.9 17.4 26.2

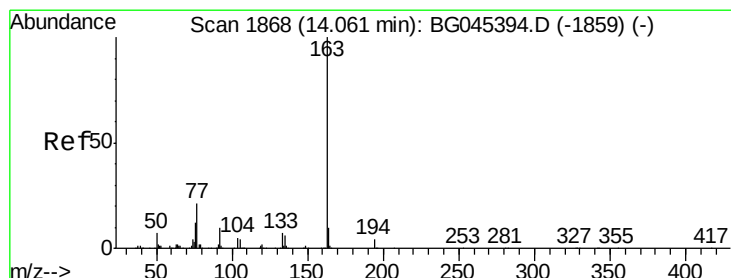
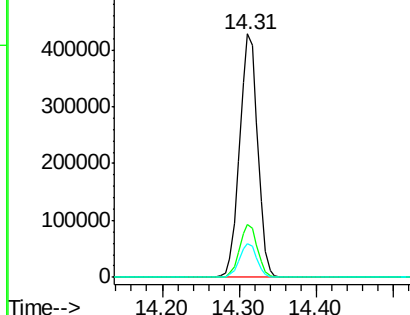
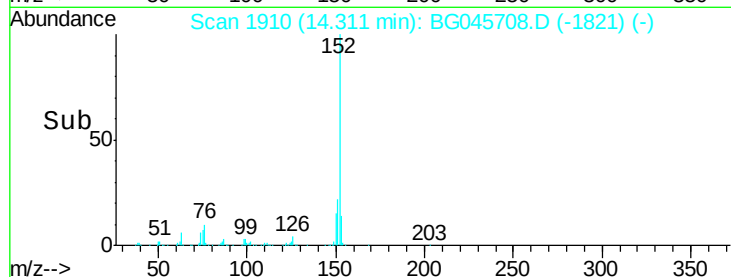
153 14.0 10.7 16.1



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: 55.356 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

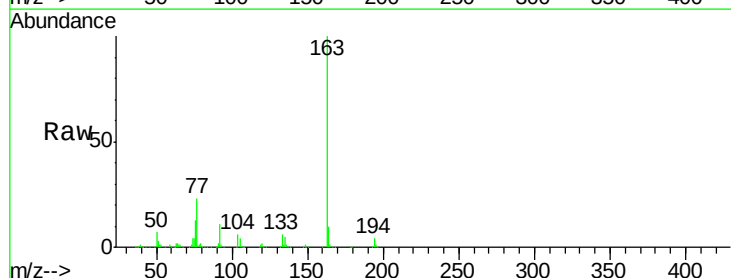
Tgt Ion:163 Resp: 584622

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

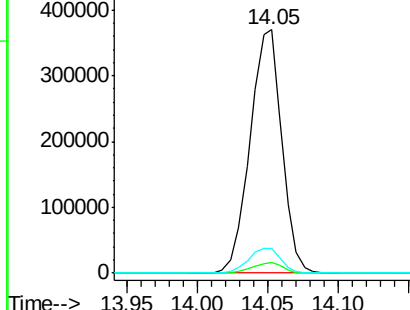
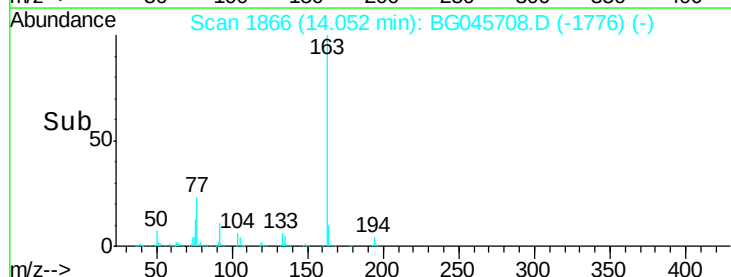
164 10.3 8.3 12.5

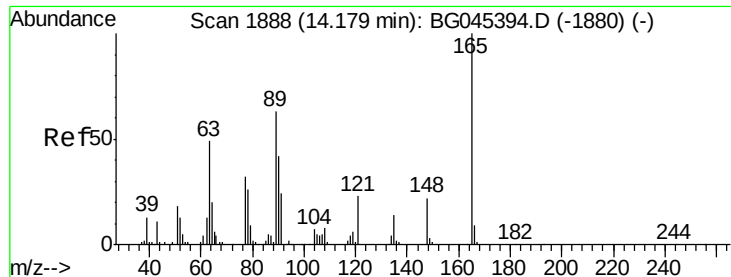


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

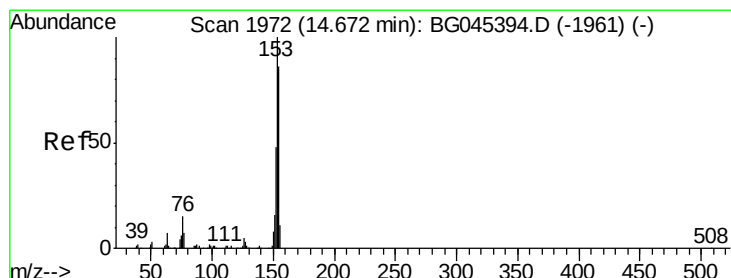
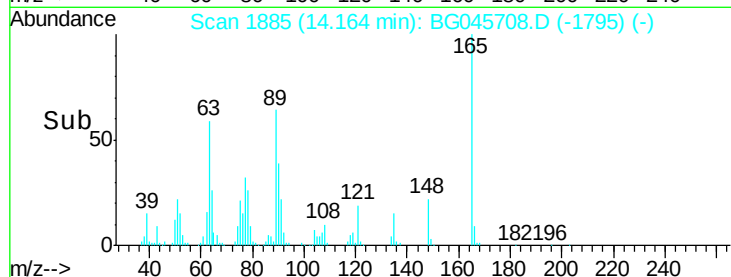
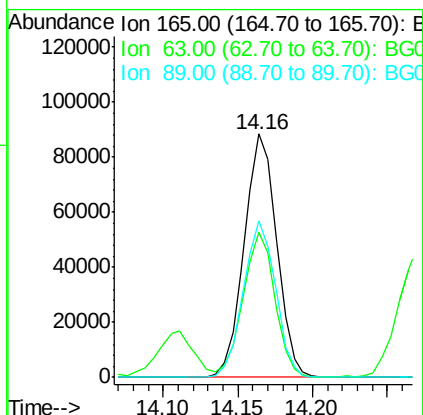
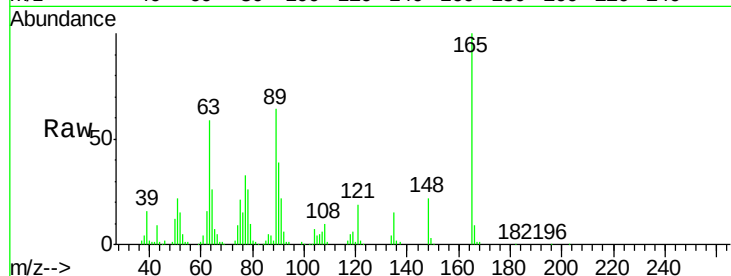




#51
 2,6-Dinitrotoluene
 Concen: 55.885 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

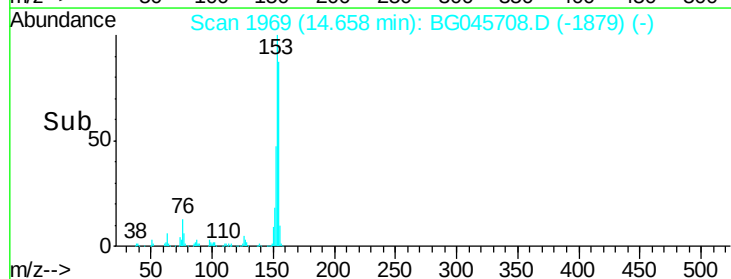
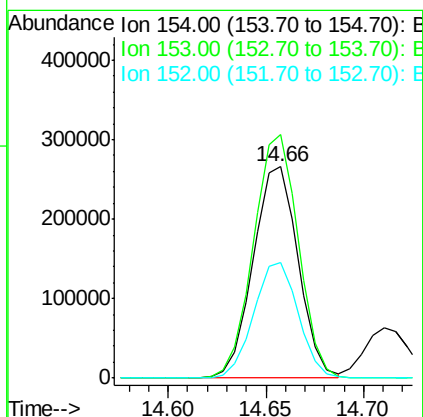
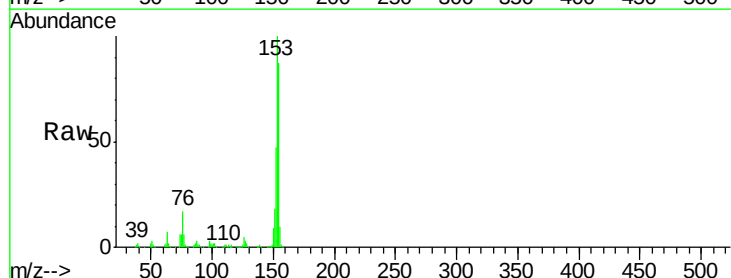
Instrument :
 BNA_G
 ClientSampled :

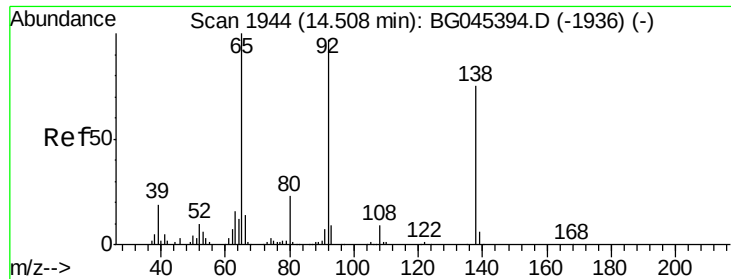
Tot Ion:165 Resp: 133182
 Ion Ratio Lower Upper
 165 100
 63 59.4 45.0 67.4
 89 64.4 50.2 75.4



#52
 Acenaphthene
 Concen: 51.396 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

Tgt Ion:154 Resp: 424500
 Ion Ratio Lower Upper
 154 100
 153 115.2 92.8 139.2
 152 54.4 44.6 66.8

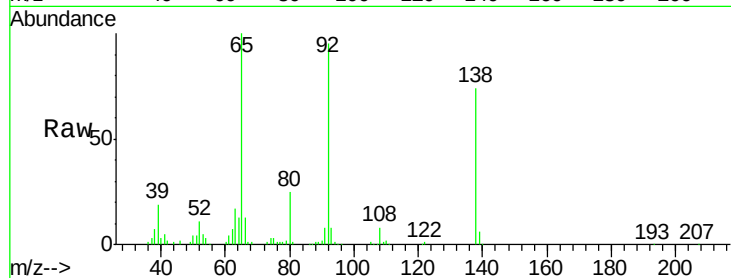




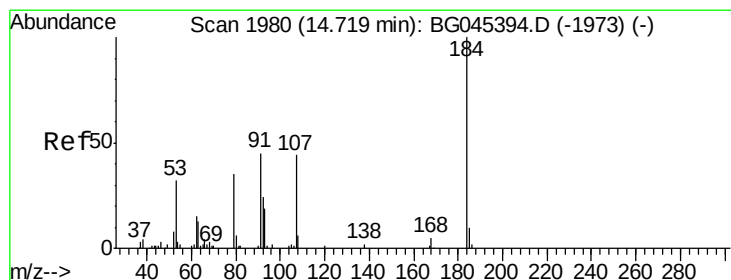
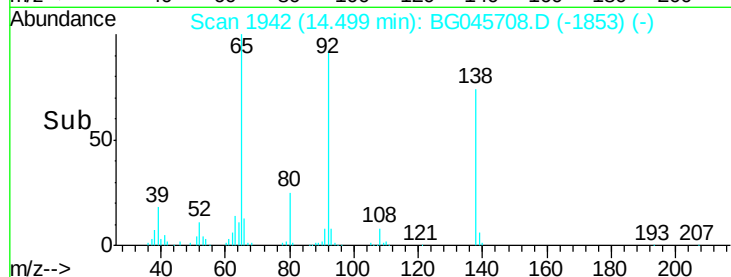
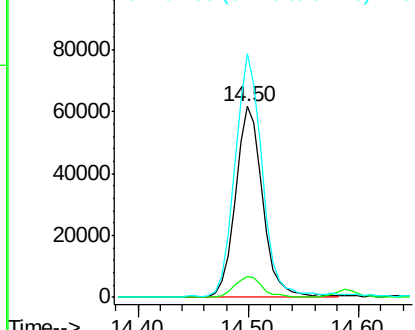
#53
3-Nitroaniline
Concen: 44.141 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 106934
Ion Ratio Lower Upper
138 100
108 10.6 9.8 14.6
92 127.4 103.0 154.4

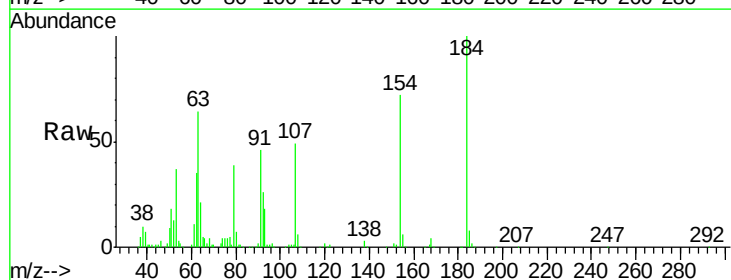


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

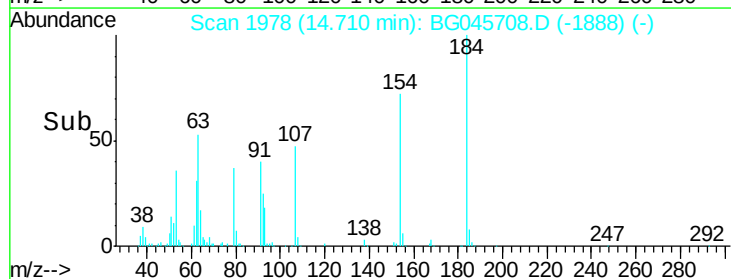
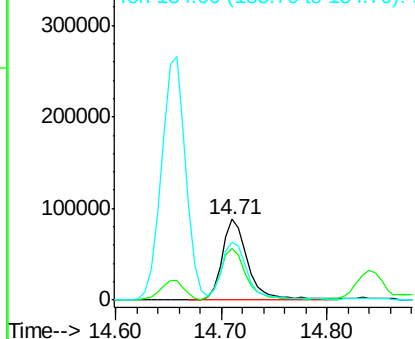


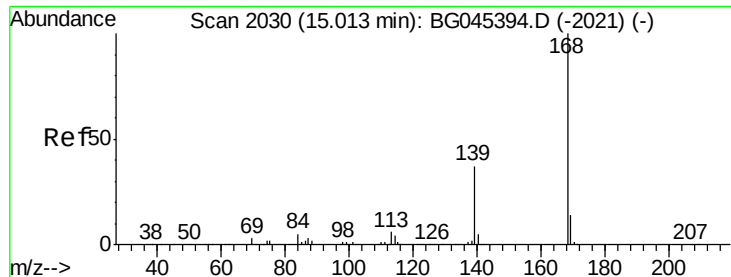
#54
2,4-Dinitrophenol
Concen: 95.235 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:184 Resp: 150415
Ion Ratio Lower Upper
184 100
63 64.5 47.8 71.6
154 72.4 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

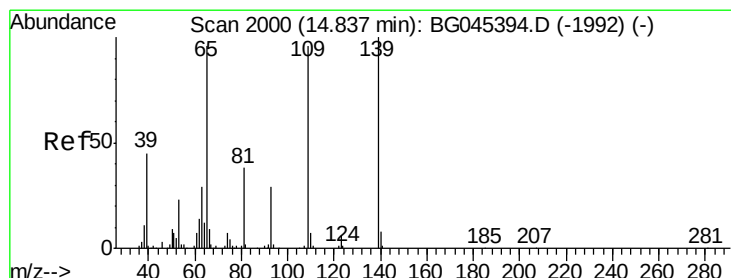
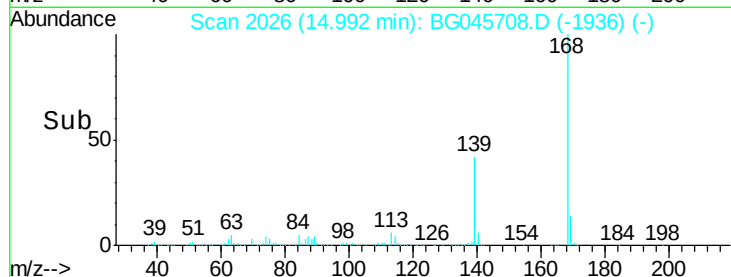
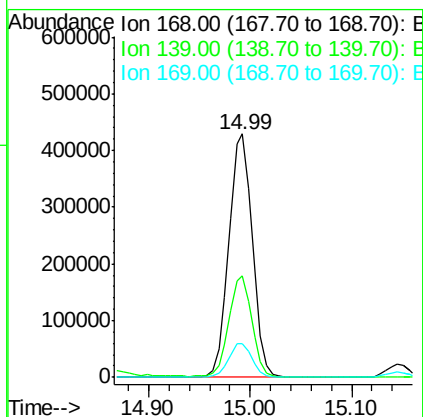
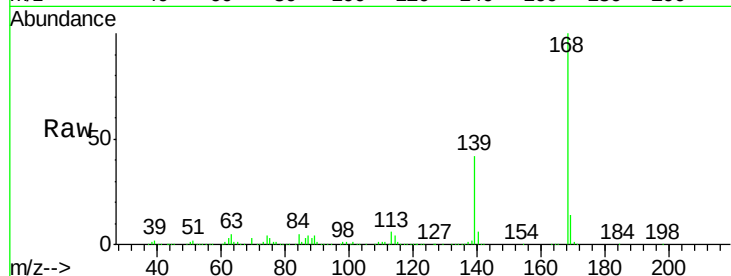




#55
Dibenzofuran
Concen: 56.231 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

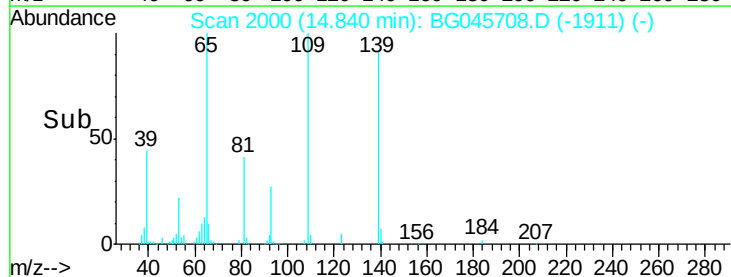
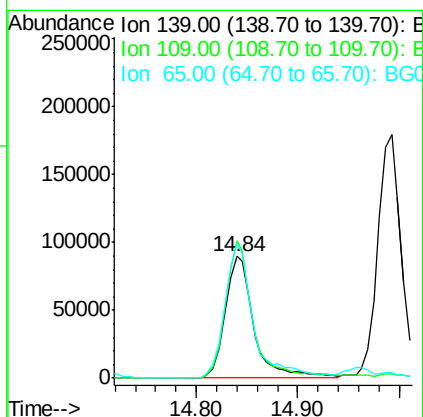
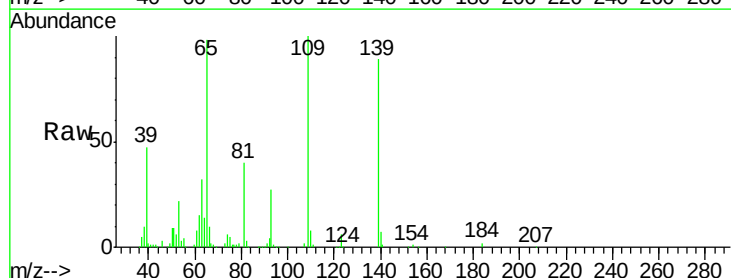
Instrument :
BNA_G
ClientSampleId :

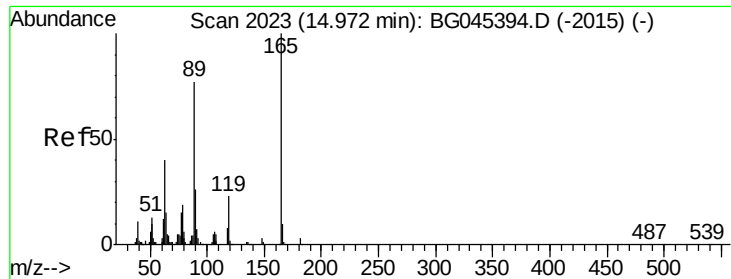
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	29.9	44.9
169	14.0	10.9	16.3



#56
4-Nitrophenol
Concen: 95.501 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.3	75.6	115.6
65	110.4	76.8	116.8

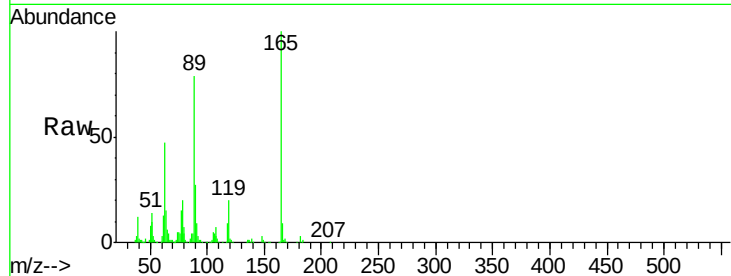




#57
2,4-Dinitrotoluene
Concen: 54.595 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	188429
Ion Ratio	Lower	Upper
165	100	
63	47.4	32.5 48.7
89	79.1	61.8 92.6
182	3.0	2.3 3.5

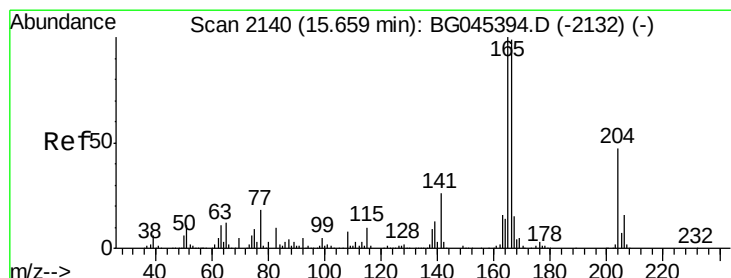
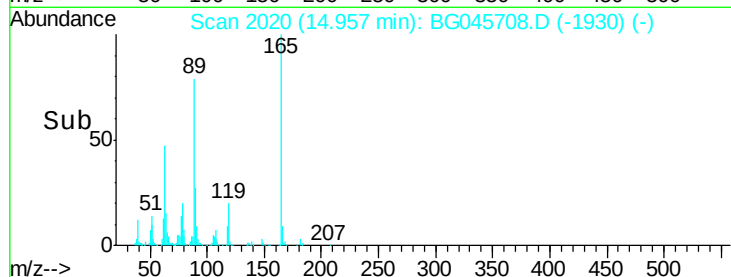
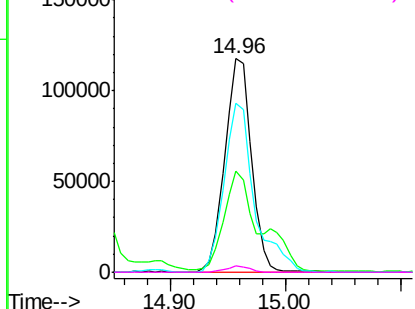


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

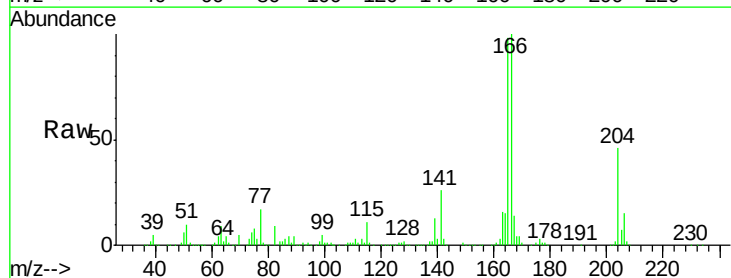
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 57.691 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

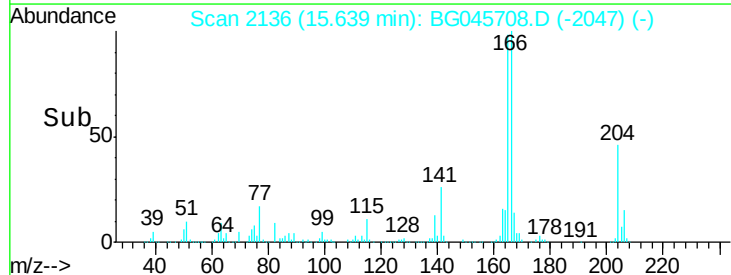
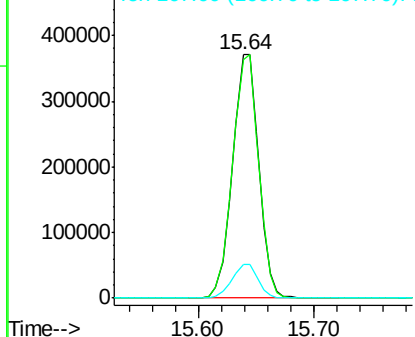
Tgt Ion:166	Resp:	581323
Ion Ratio	Lower	Upper
166	100	
165	97.7	80.8 121.2
167	14.1	12.0 18.0

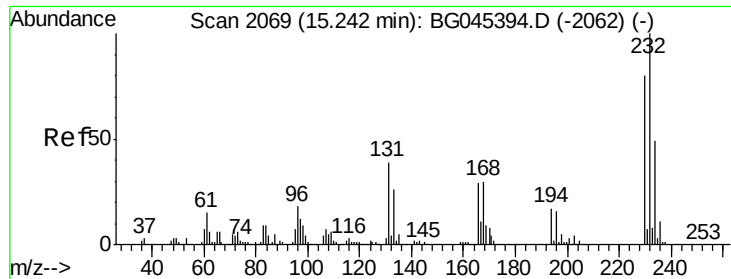


Abundance Ion 166.00 (165.70 to 166.70): E

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: 55.388 ng

RT: 15.23 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 166340

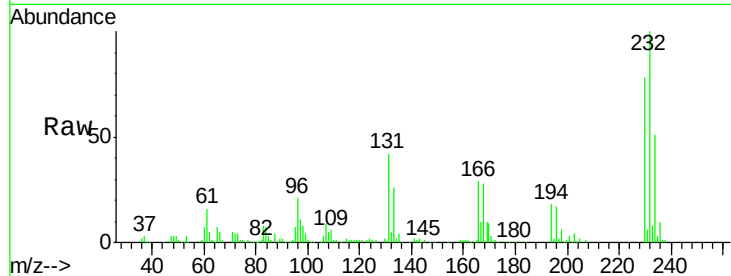
Ion Ratio Lower Upper

232 100

131 42.7 33.7 50.5

130 2.3 2.1 3.1

166 28.5 23.2 34.8

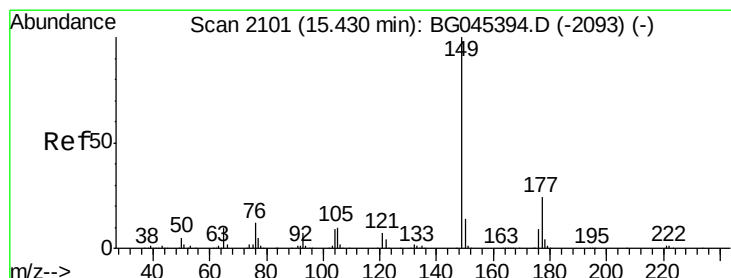
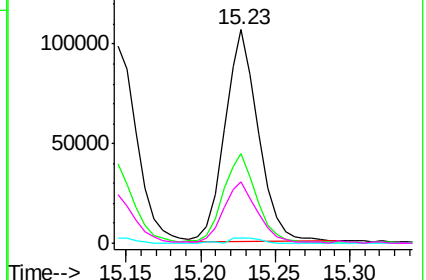
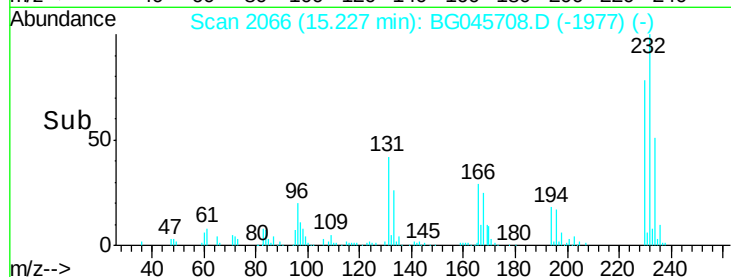


Abundance Ion 232.00 (231.70 to 232.70): E

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: 55.108 ng

RT: 15.41 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

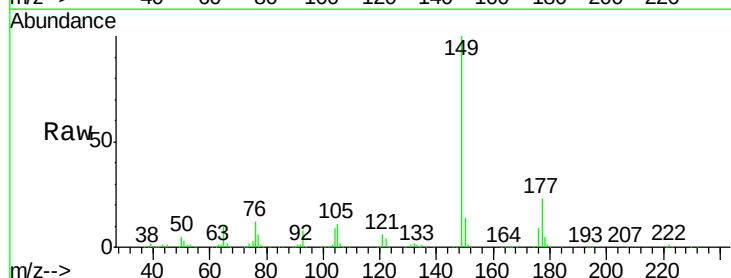
Tgt Ion:149 Resp: 605769

Ion Ratio Lower Upper

149 100

177 23.4 19.0 28.4

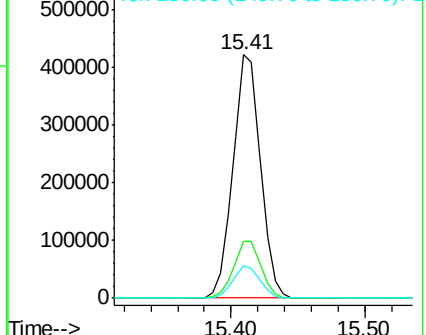
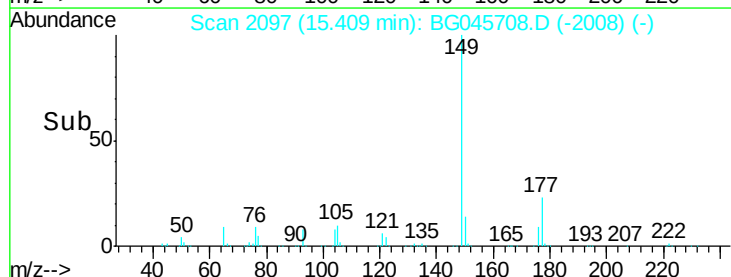
150 13.6 11.4 17.0

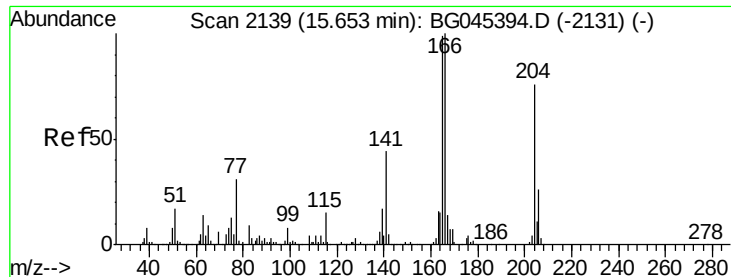


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

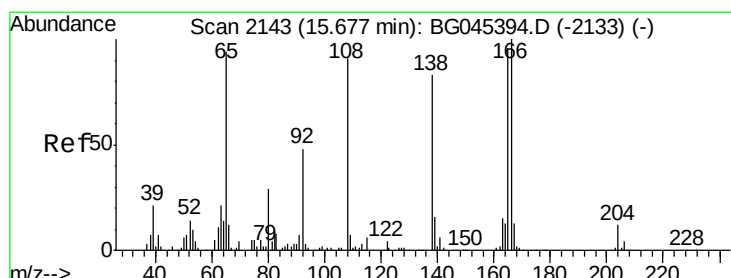
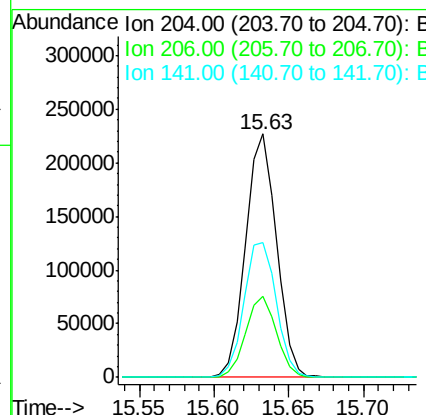
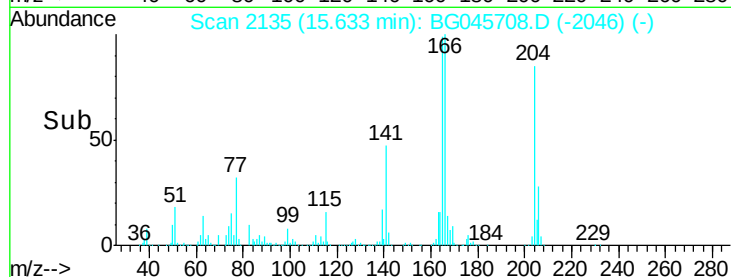
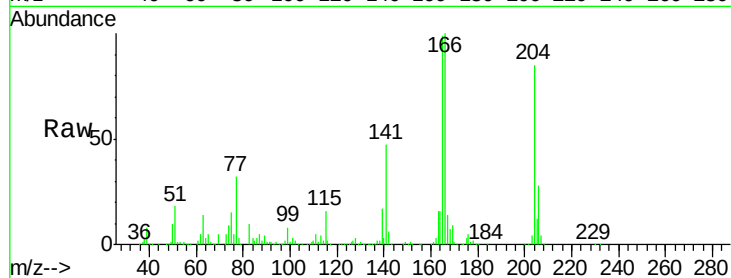




#61
4-Chlorophenyl-phenylether
Concen: 56.271 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

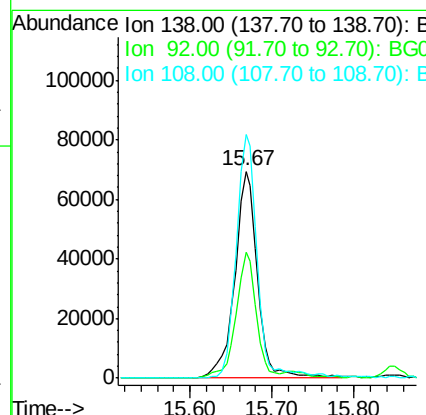
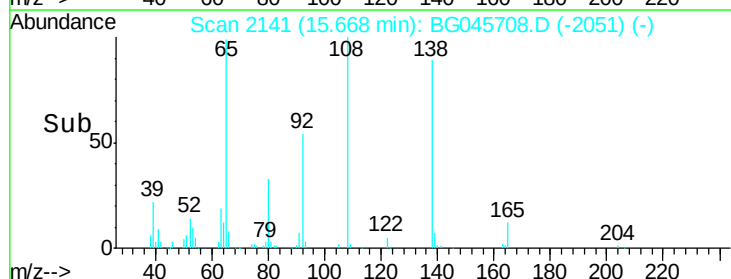
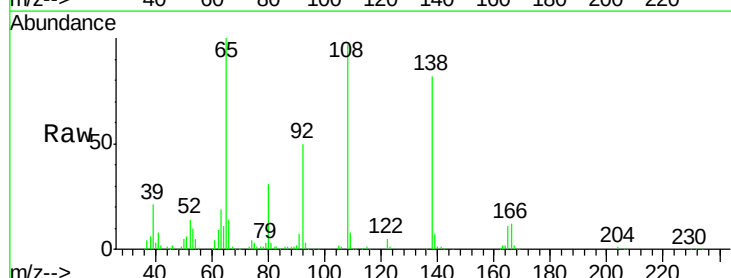
Instrument :
BNA_G
ClientSampleId :

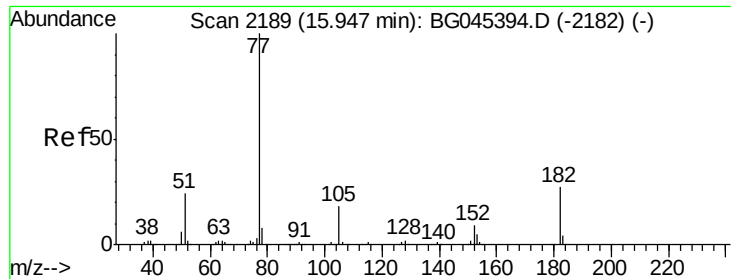
Tot Ion:204 Resp: 324466
Ion Ratio Lower Upper
204 100
206 33.1 27.3 40.9
141 55.3 45.9 68.9



#62
4-Nitroaniline
Concen: 53.215 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:138 Resp: 134584
Ion Ratio Lower Upper
138 100
92 61.0 38.0 78.0
108 117.7 89.3 129.3





#63

Azobenzene

Concen: 58.158 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 596113

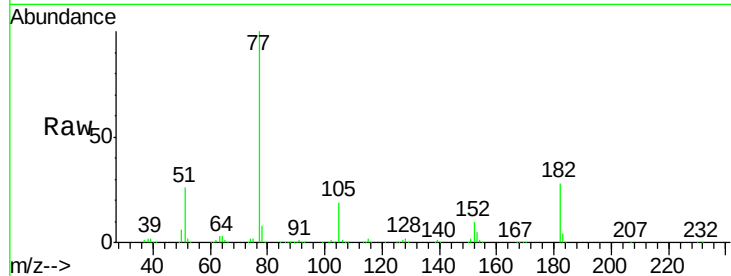
Ion Ratio Lower Upper

77 100

182 27.6 6.5 46.5

105 18.9 0.0 37.9

51 26.3 4.1 44.1

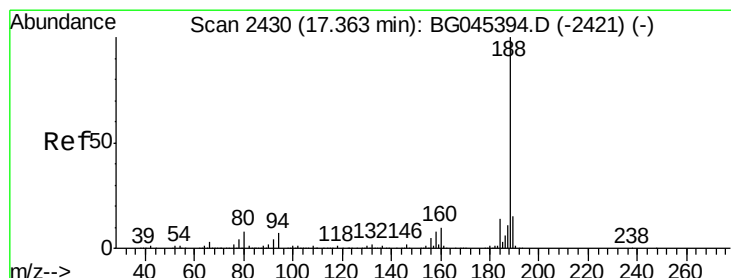
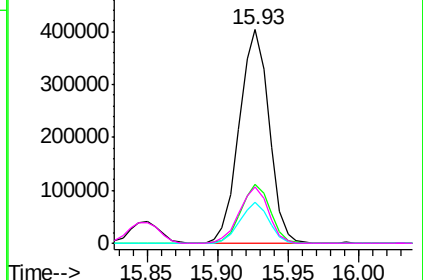
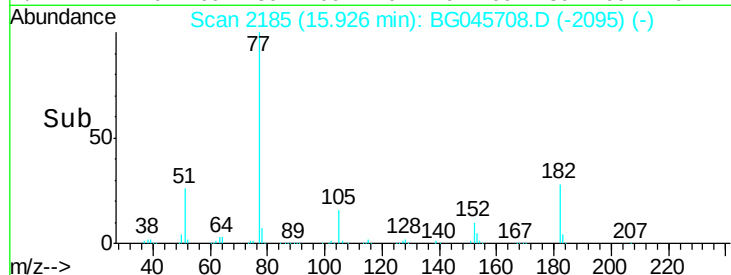


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

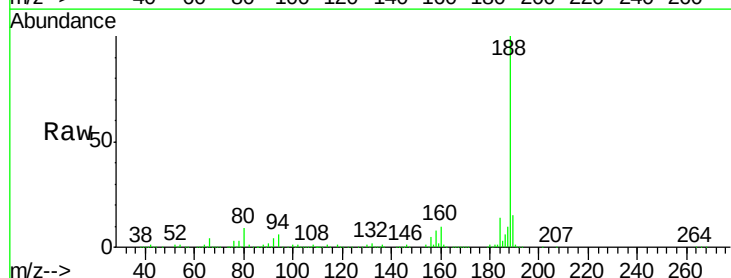
Tgt Ion: 188 Resp: 365463

Ion Ratio Lower Upper

188 100

94 6.2 5.5 8.3

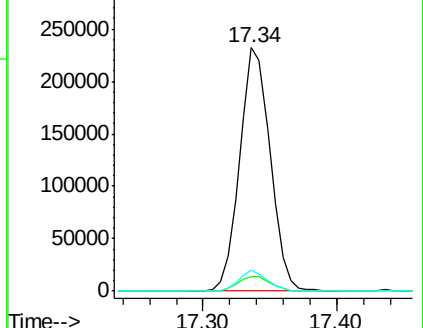
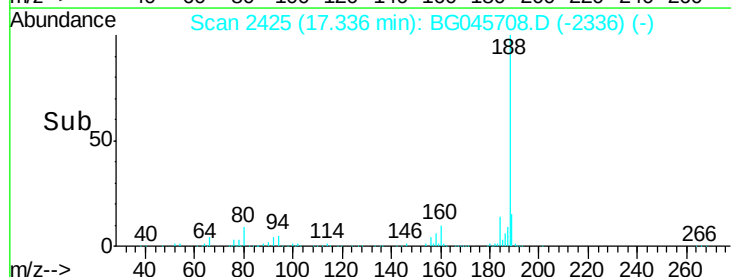
80 8.7 6.6 10.0

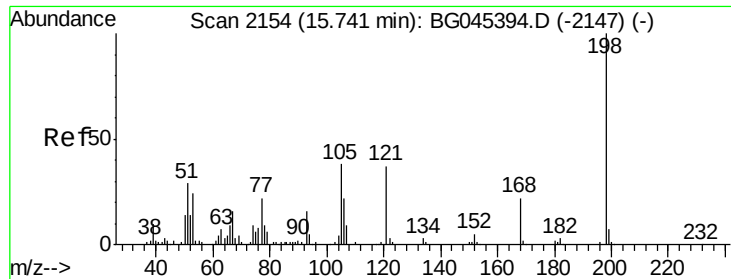


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

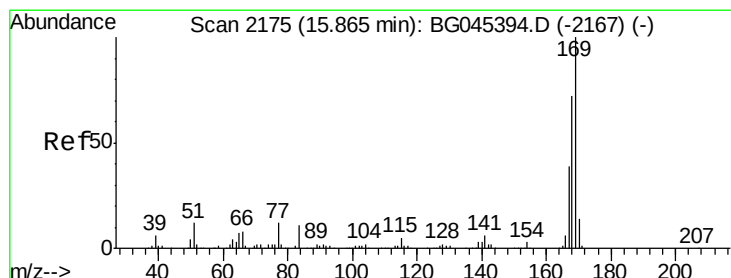
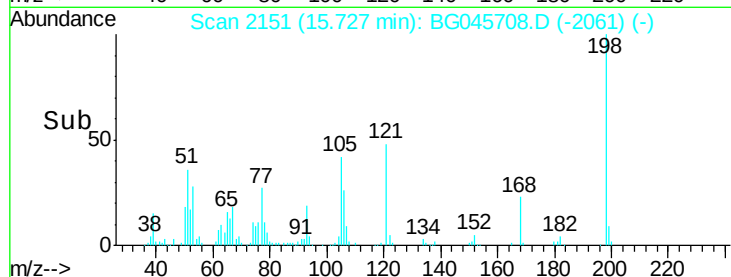
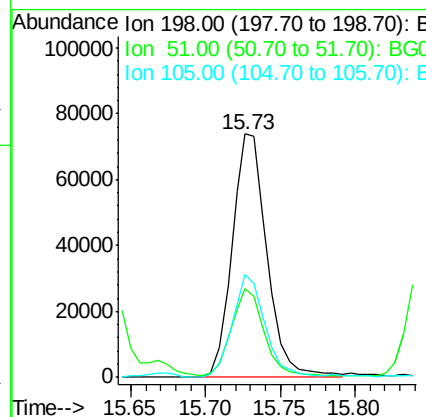
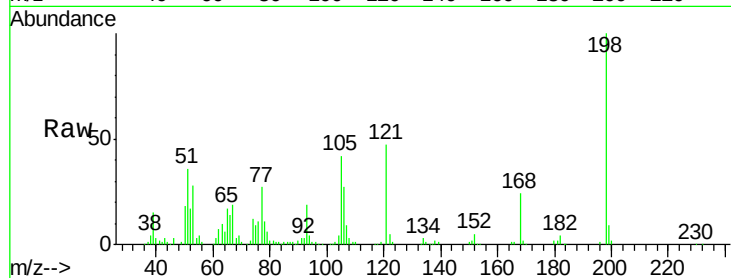




#65
4,6-Dinitro-2-methylphenol
Concen: 56.161 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

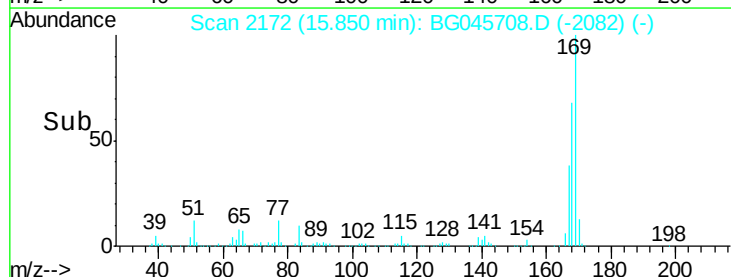
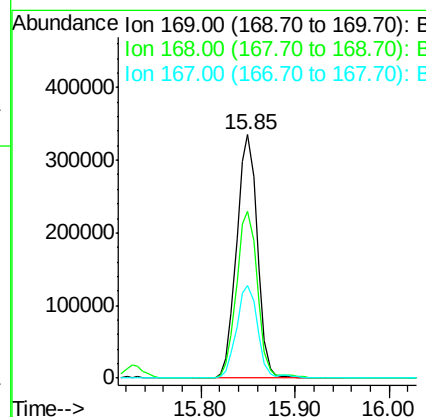
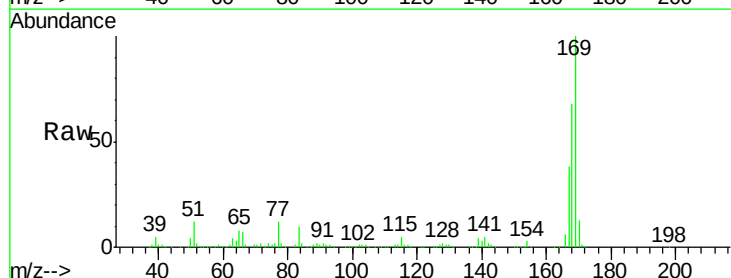
Instrument :
BNA_G
ClientSampleId :

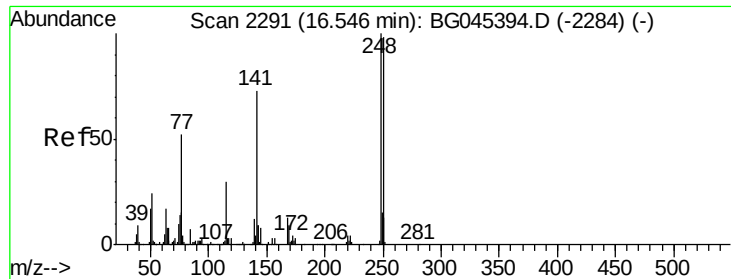
Tot Ion:198 Resp: 119536
Ion Ratio Lower Upper
198 100
51 36.5 10.0 50.0
105 42.1 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 58.588 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:169 Resp: 514092
Ion Ratio Lower Upper
169 100
168 68.3 57.8 86.6
167 37.8 31.5 47.3

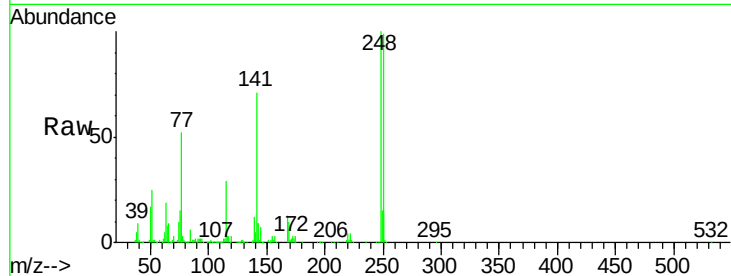




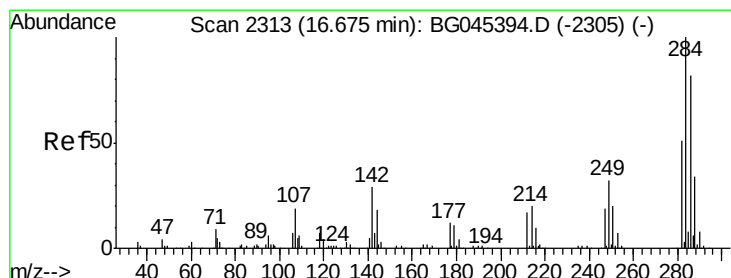
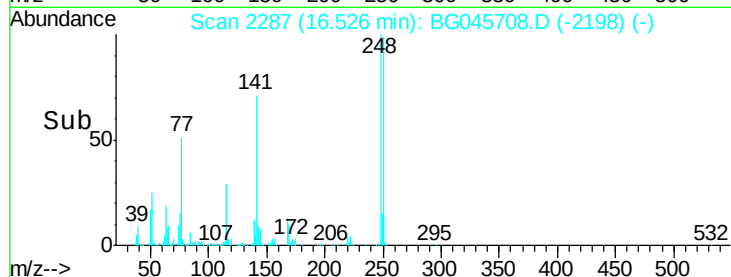
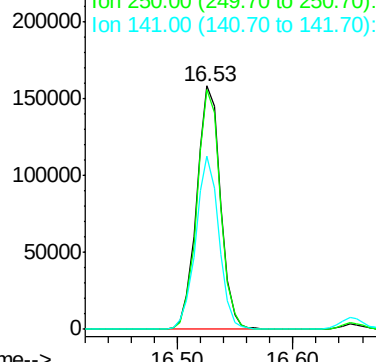
#67
4-Bromophenyl-phenylether
Concen: 56.845 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 224958
Ion Ratio Lower Upper
248 100
250 98.7 78.6 117.8
141 71.1 58.2 87.2

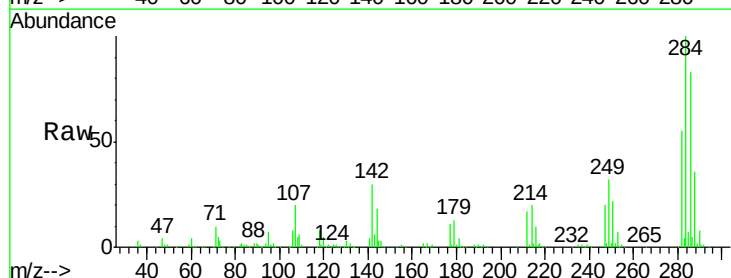


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

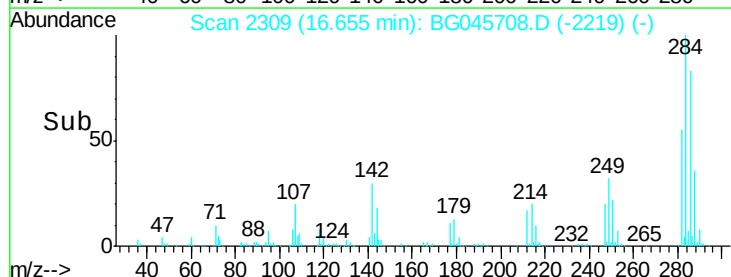
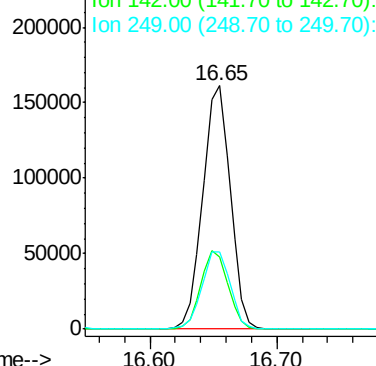


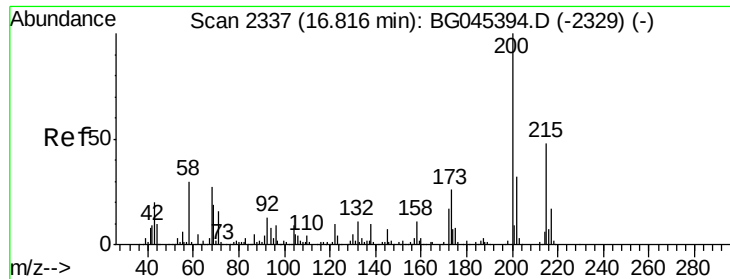
#68
Hexachlorobenzene
Concen: 58.353 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:284 Resp: 241529
Ion Ratio Lower Upper
284 100
142 29.7 23.0 34.6
249 31.6 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: 54.341 ng

RT: 16.80 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

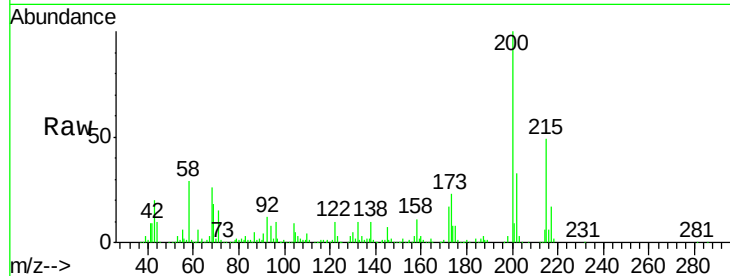
Tot Ion:200 Resp: 196400

Ion Ratio Lower Upper

200 100

173 23.3 5.5 45.5

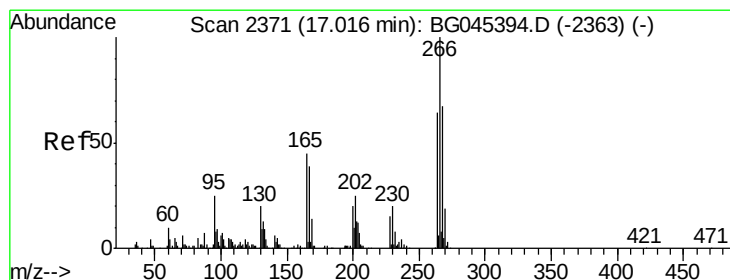
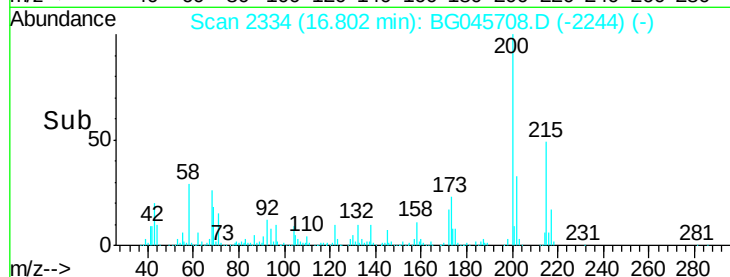
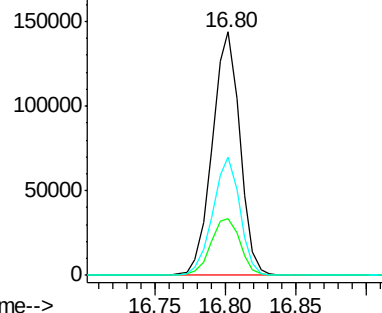
215 48.6 28.2 68.2



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: 103.933 ng

RT: 17.00 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

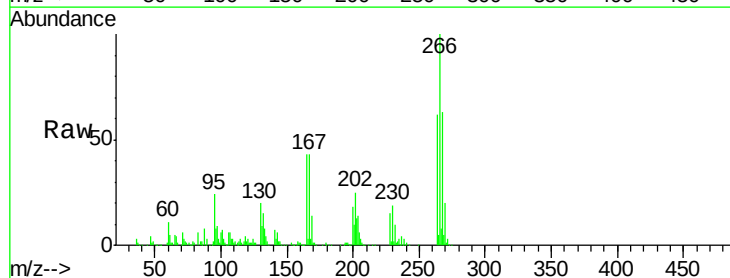
Tgt Ion:266 Resp: 223370

Ion Ratio Lower Upper

266 100

268 62.6 53.2 79.8

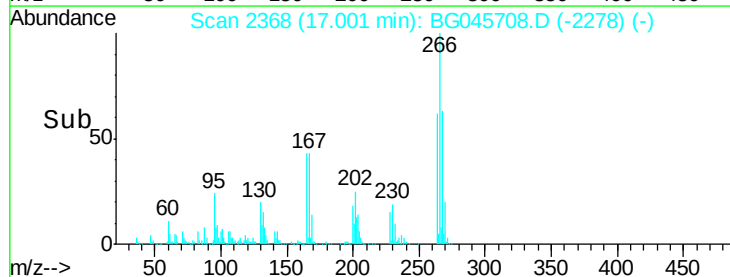
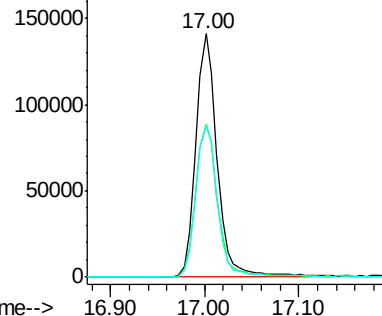
264 62.1 51.0 76.4

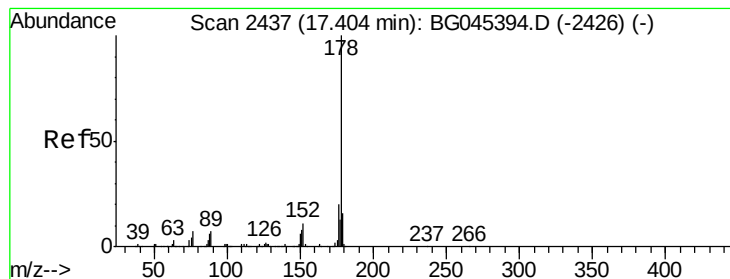


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 57.812 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

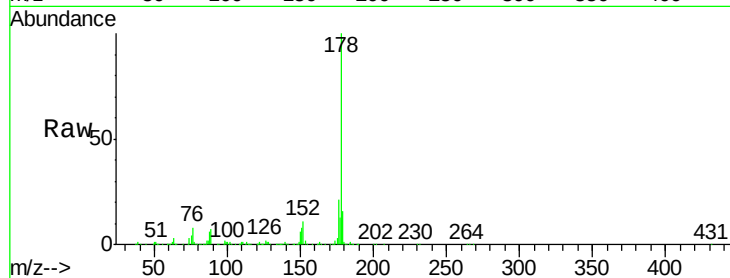
Tot Ion:178 Resp: 922363

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

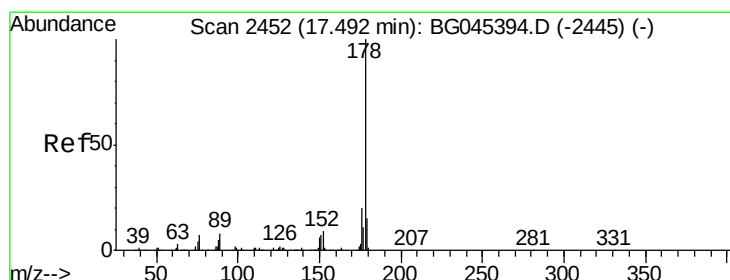
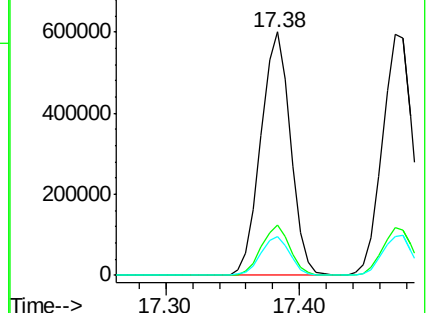
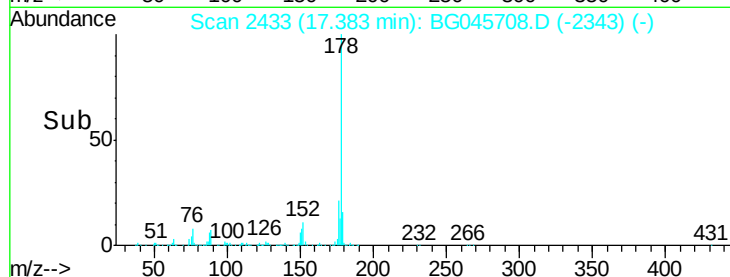
179 16.2 13.1 19.7



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: 58.357 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

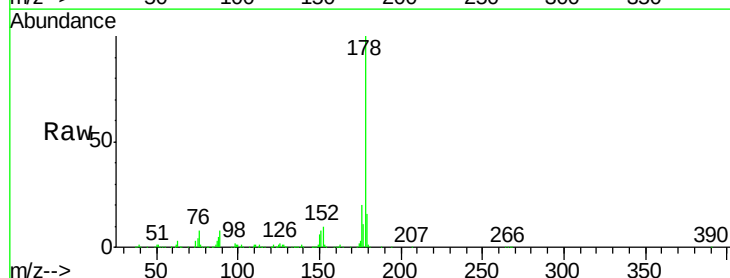
Tgt Ion:178 Resp: 934989

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

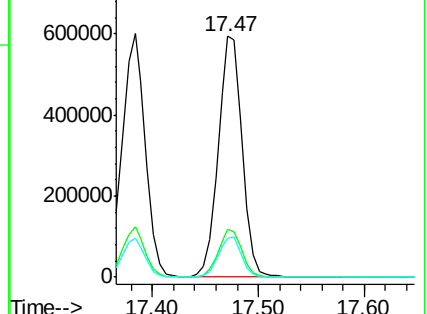
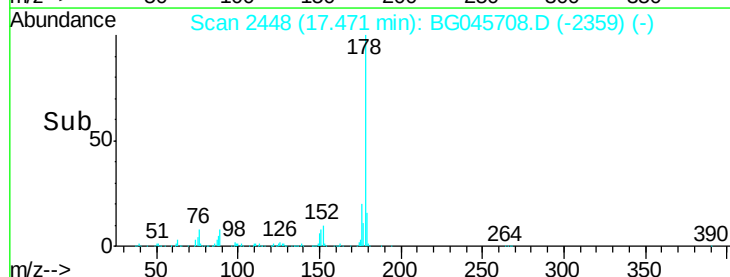
179 16.3 12.2 18.4

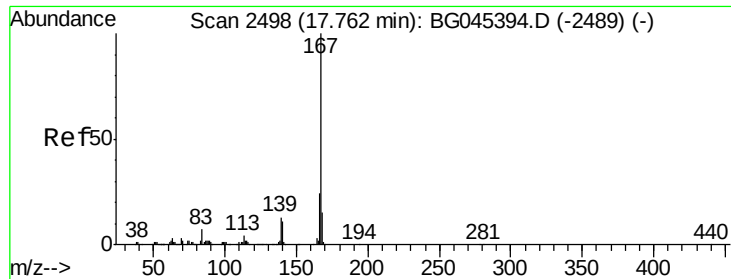


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

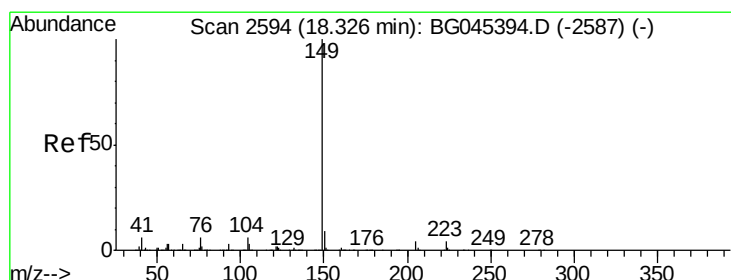
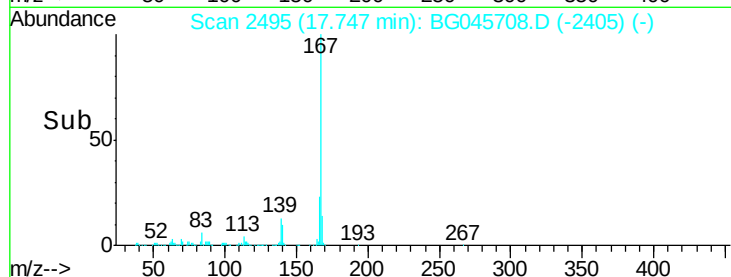
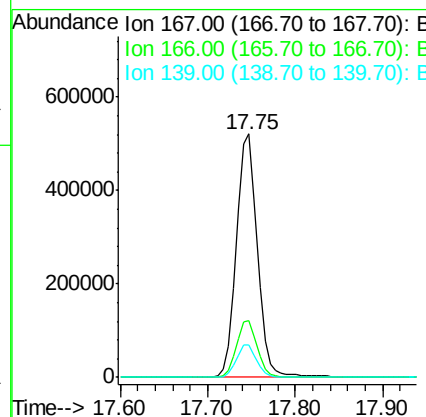
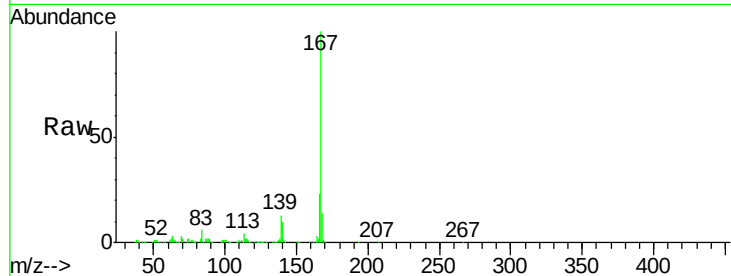




#73
 Carbazole
 Concen: 54.318 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

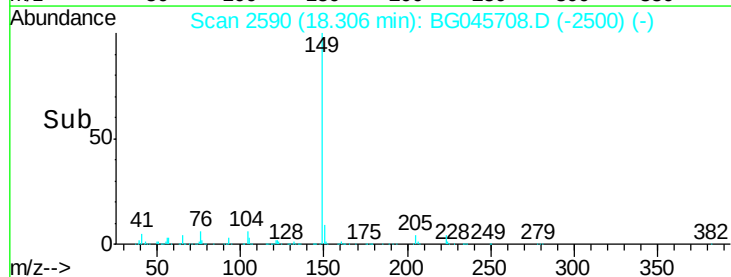
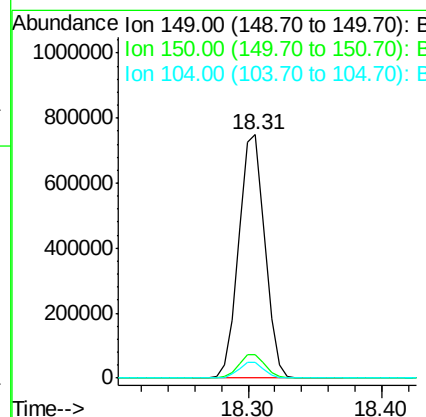
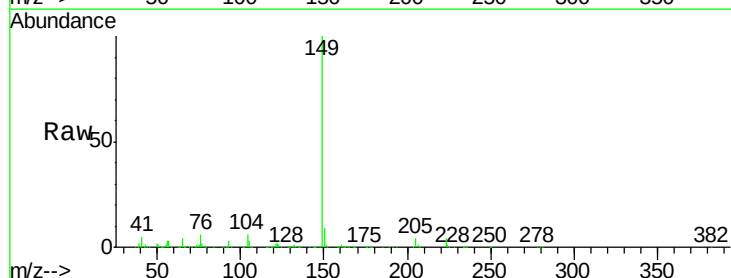
Instrument :
 BNA_G
 ClientSampleId :

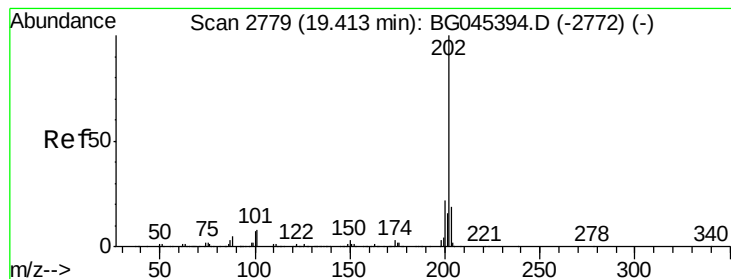
Tot Ion:167 Resp: 848318
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.2 28.8
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 54.419 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

Tgt Ion:149 Resp: 1020081
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 6.2 5.0 7.4

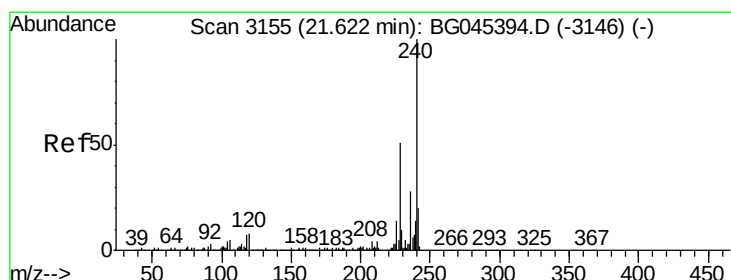
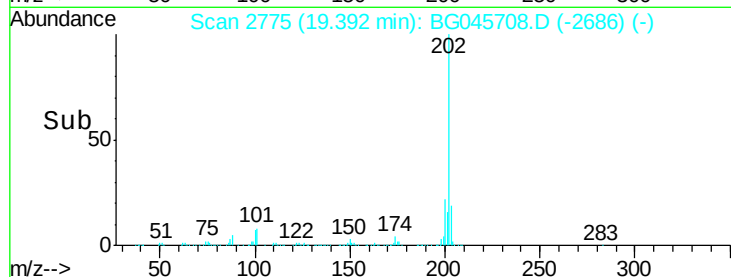
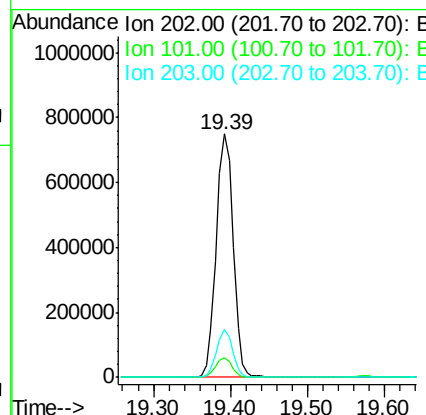
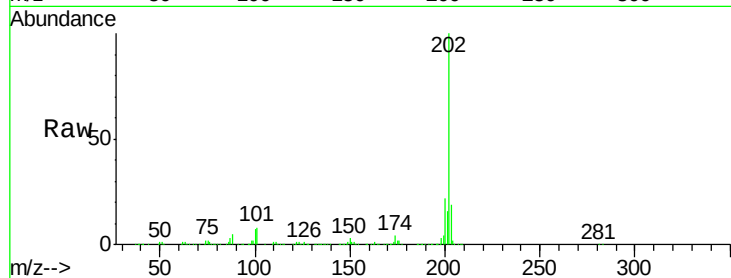




#75
 Fluoranthene
 Concen: 55.867 ng
 RT: 19.39 min Scan# 2775
 Delta R.T. -0.01 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

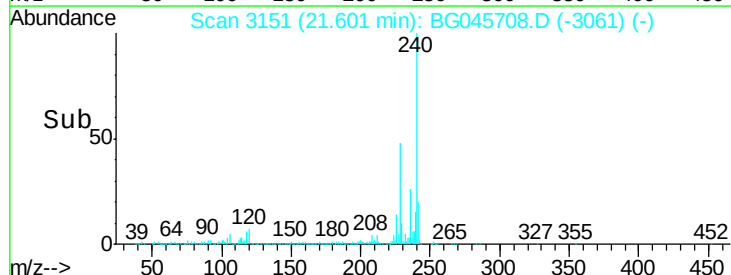
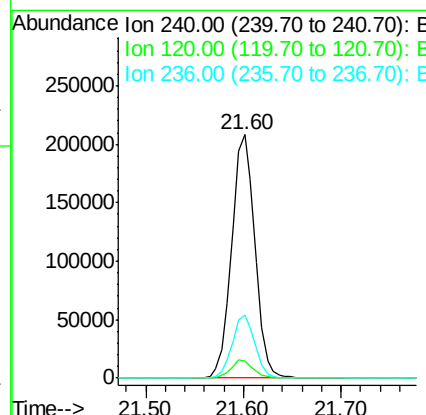
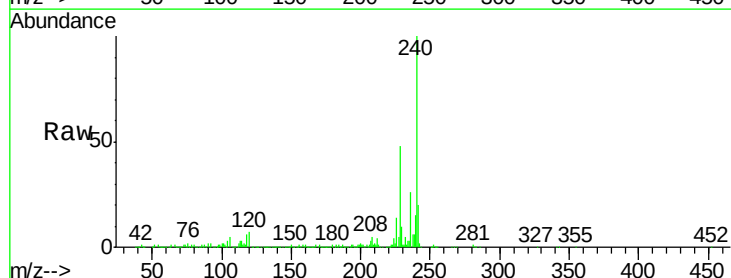
Instrument :
 BNA_G
 ClientSampleId :

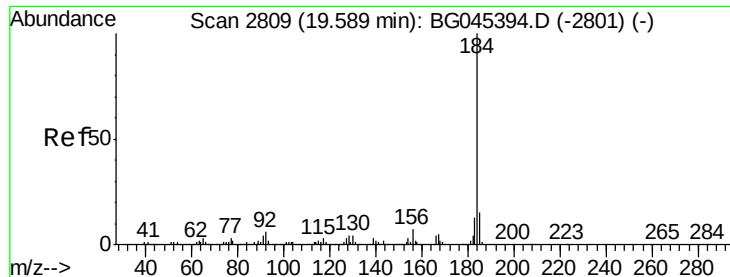
Tot Ion:202 Resp: 1133726
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 28.3
 203 19.5 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG045708.D
 Acq: 11 Jun 2020 4:43

Tgt Ion:240 Resp: 343580
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.1 9.1
 236 26.2 22.3 33.5





#77

Benzidine

Concen: 71.132 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

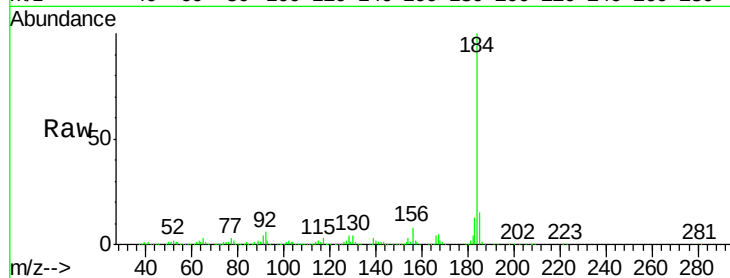
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 686398

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.7	17.5
183	13.1	10.2	15.4

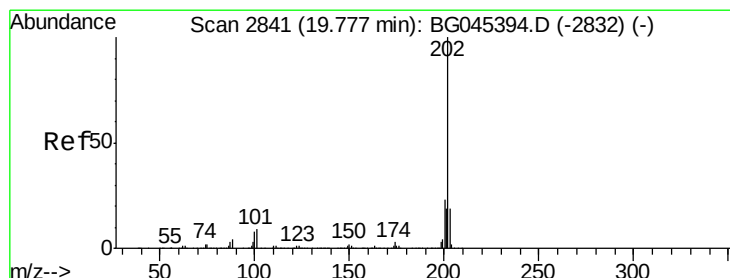
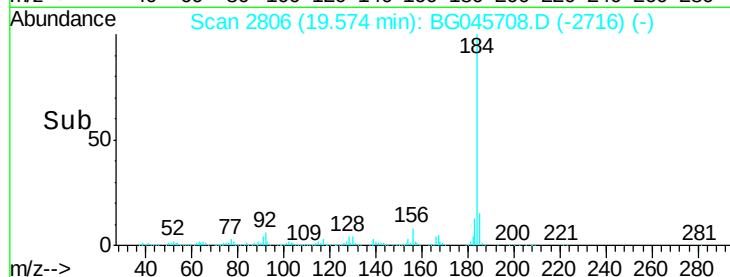
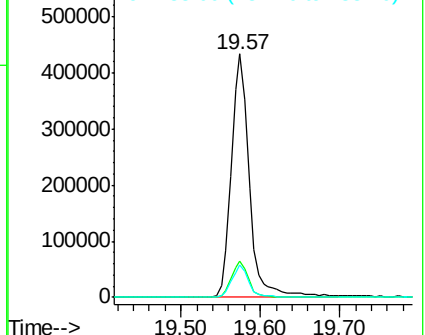


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.382 ng

RT: 19.76 min Scan# 2837

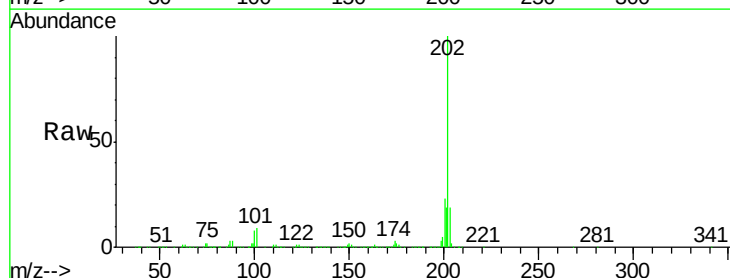
Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Tgt Ion:202 Resp: 1104259

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.2	27.2
203	18.9	15.1	22.7

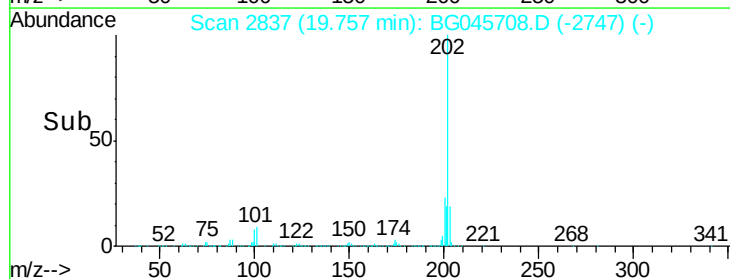
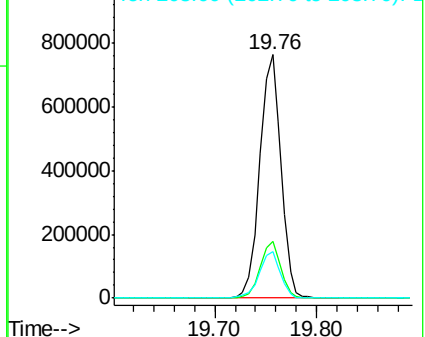


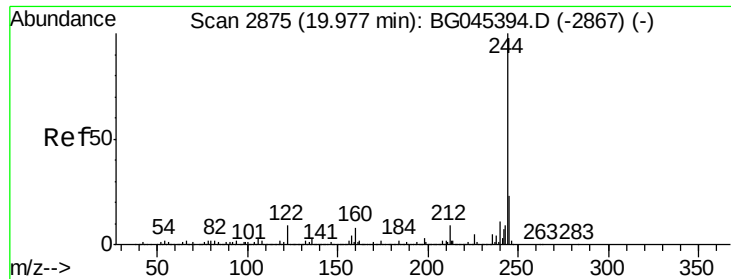
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 112.194 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

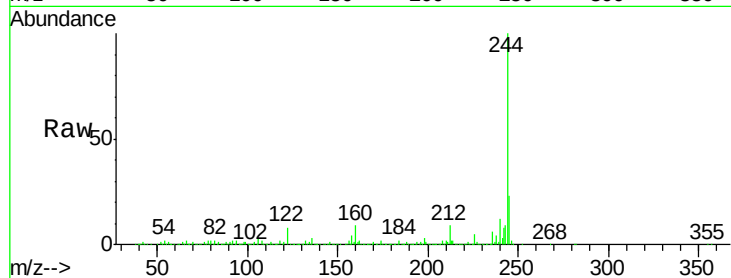
Tot Ion:244 Resp: 1652775

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

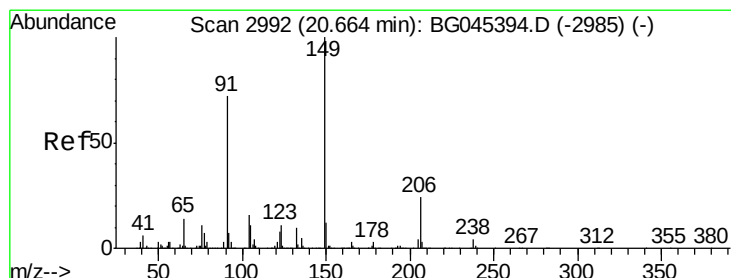
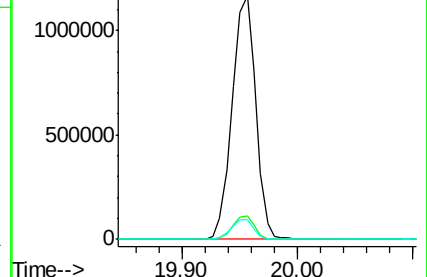
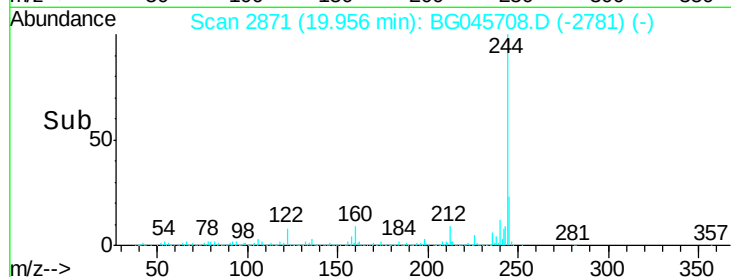
122 8.0 6.8 10.2



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: 54.623 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

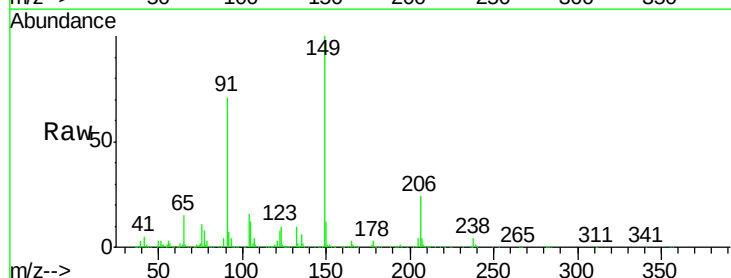
Tgt Ion:149 Resp: 461770

Ion Ratio Lower Upper

149 100

91 71.3 57.8 86.6

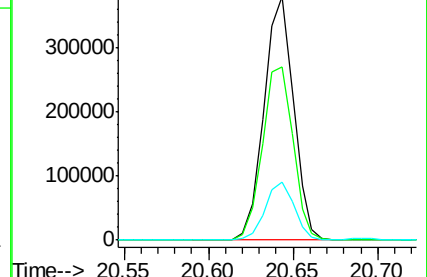
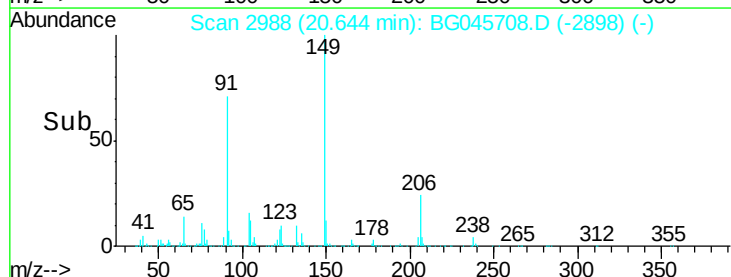
206 23.6 19.1 28.7

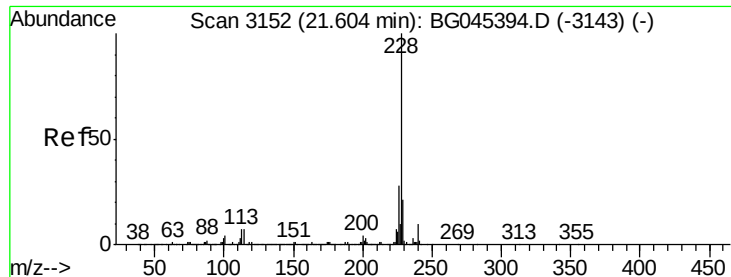


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.841 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

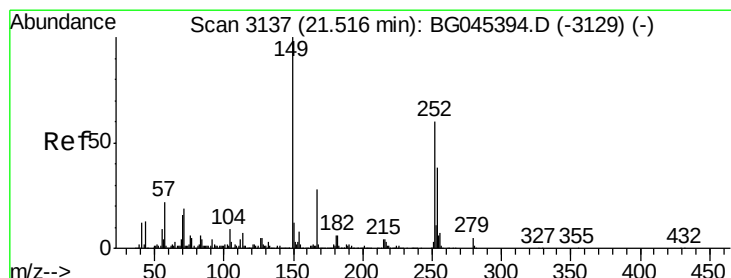
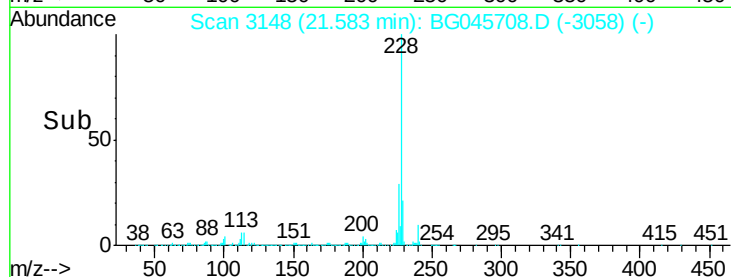
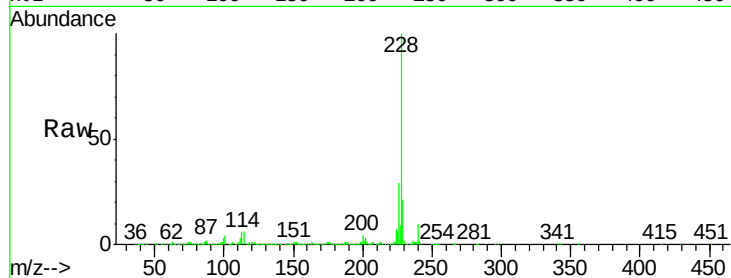
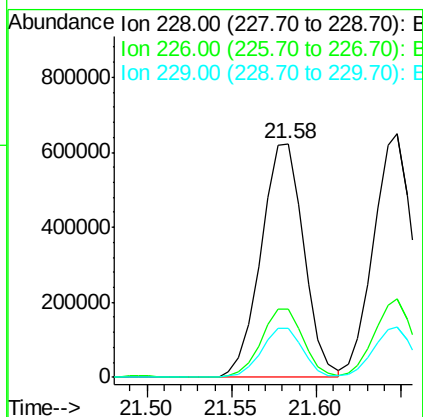
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1087926

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.0	16.7	25.1



#82

3,3'-Dichlorobenzidine

Concen: 45.508 ng

RT: 21.50 min Scan# 3133

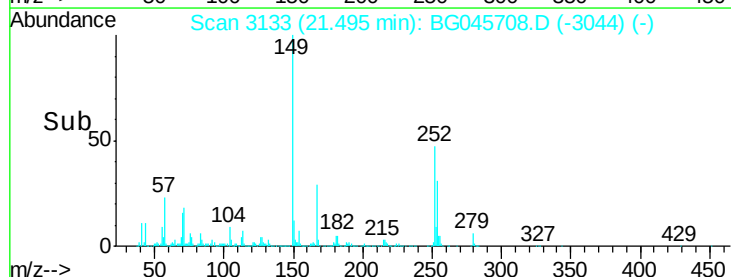
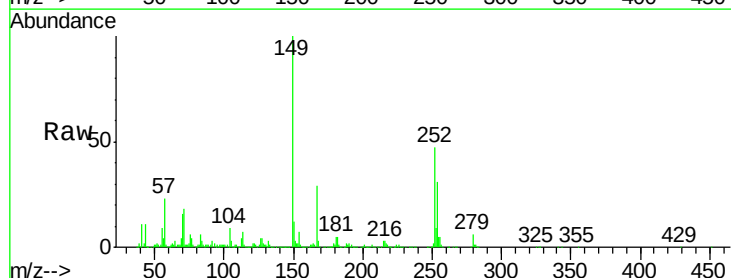
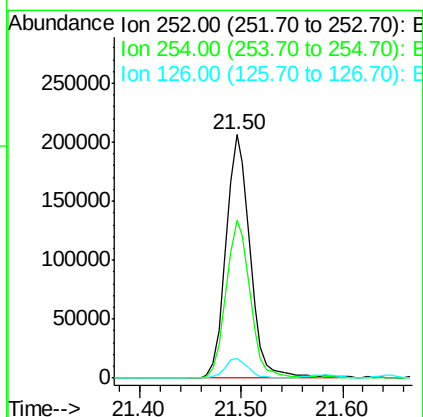
Delta R.T. -0.01 min

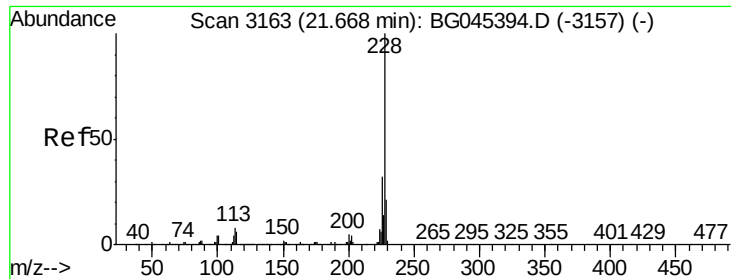
Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Tgt Ion:252 Resp: 341666

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	7.9	6.6	10.0





#83

Chrysene

Concen: 57.108 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

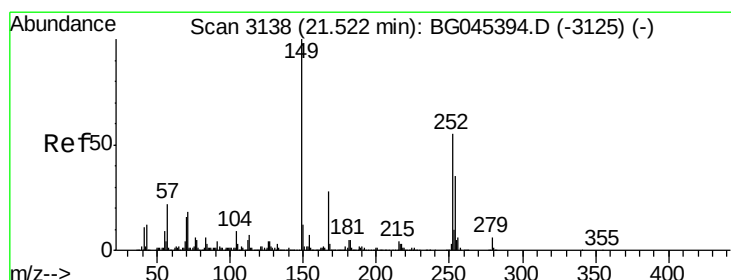
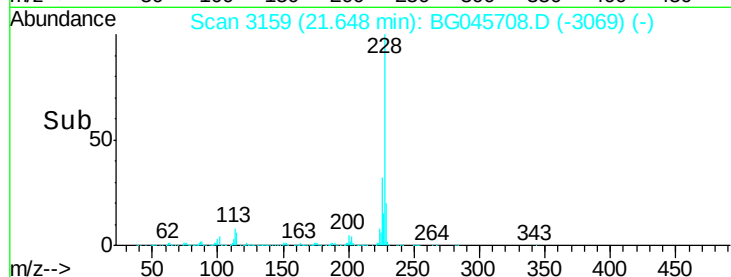
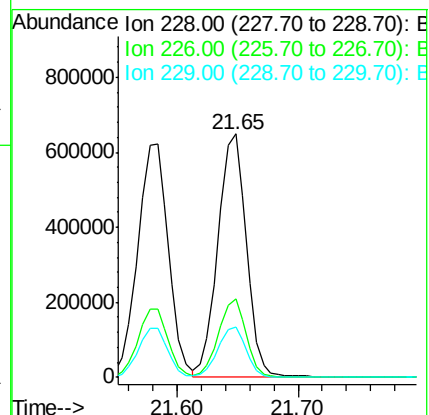
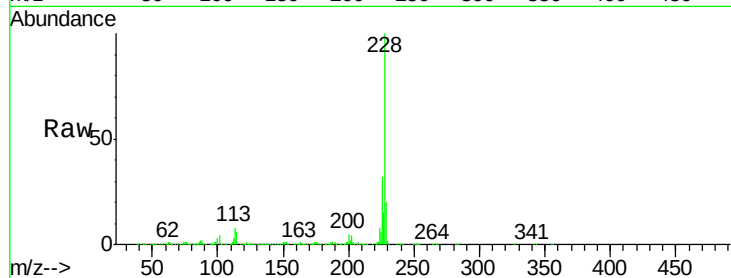
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1050983

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.2	37.8
229	20.5	16.7	25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.404 ng

RT: 21.49 min Scan# 3132

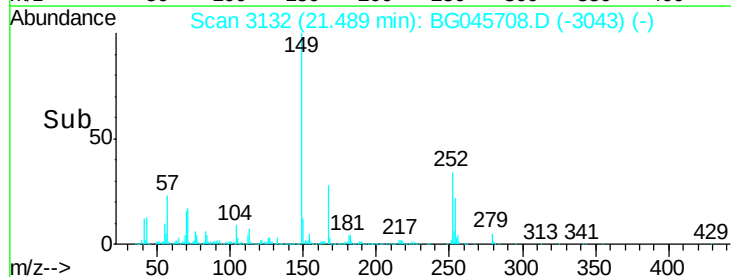
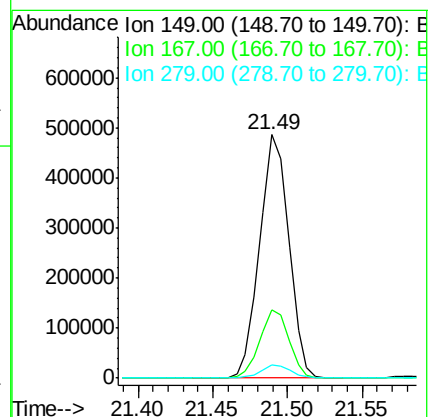
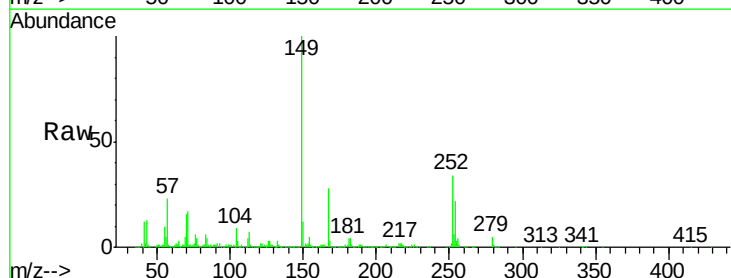
Delta R.T. -0.01 min

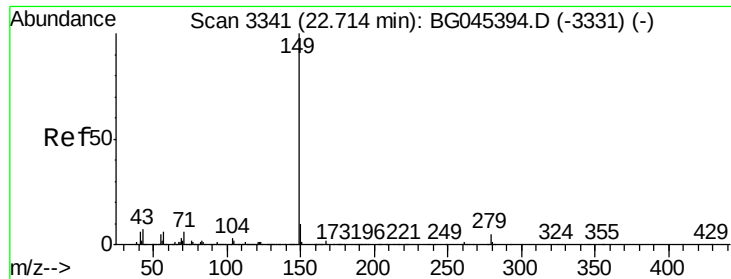
Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Tgt Ion:149 Resp: 655460

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	5.3	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 55.162 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

Instrument :

BNA_G

ClientSampleId :

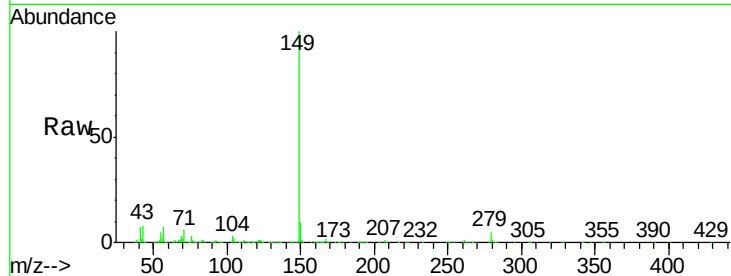
Tot Ion:149 Resp: 1100971

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

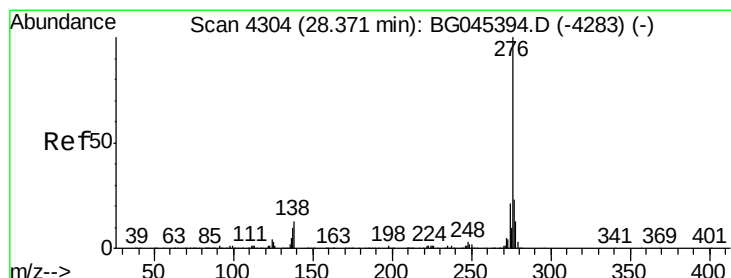
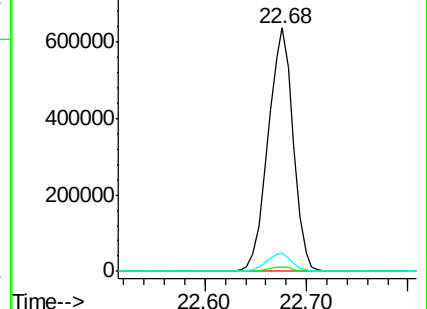
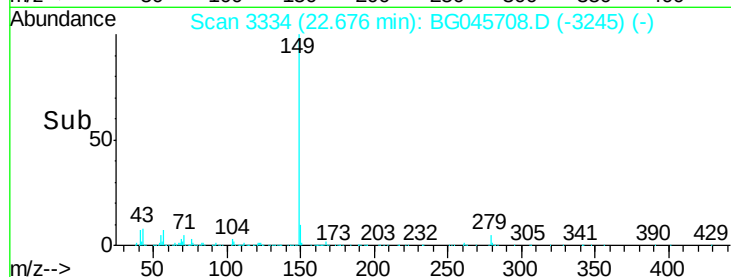
43 7.5 5.8 8.8



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.580 ng

RT: 28.31 min Scan# 4293

Delta R.T. -0.01 min

Lab File: BG045708.D

Acq: 11 Jun 2020 4:43

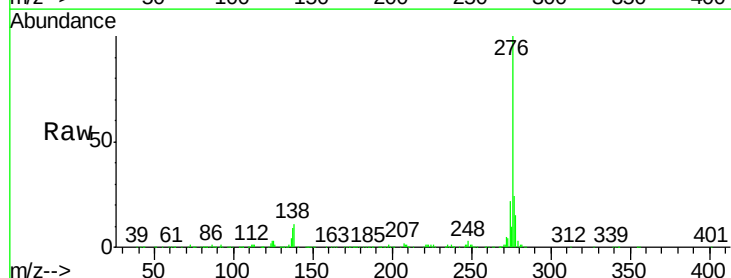
Tgt Ion:276 Resp: 1385711

Ion Ratio Lower Upper

276 100

138 0.0 8.6 12.8#

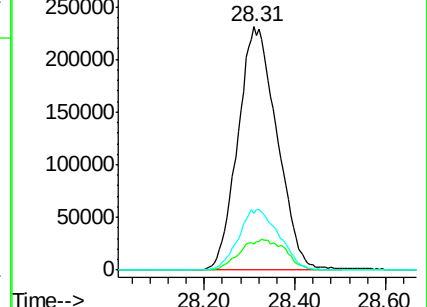
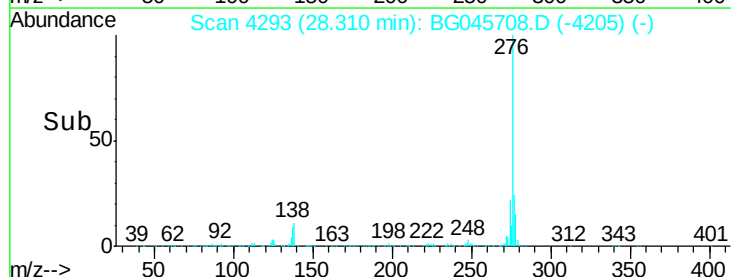
277 26.0 20.2 30.4

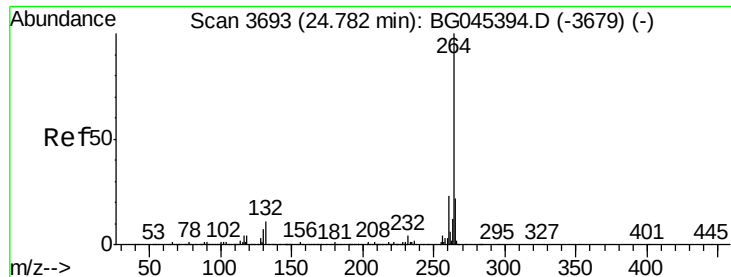


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

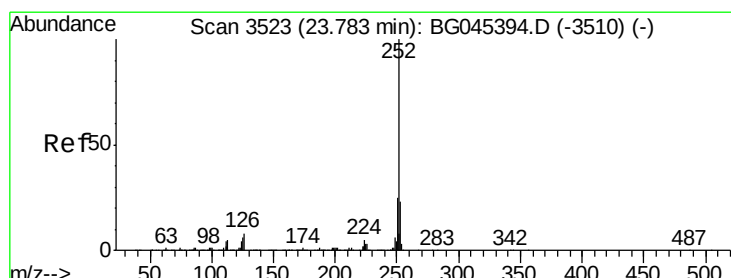
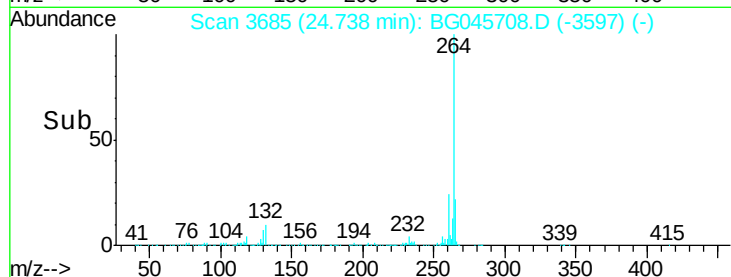
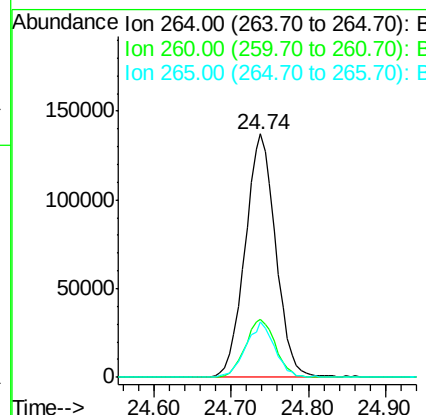
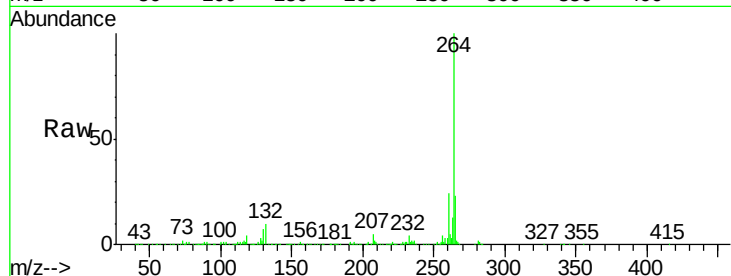




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

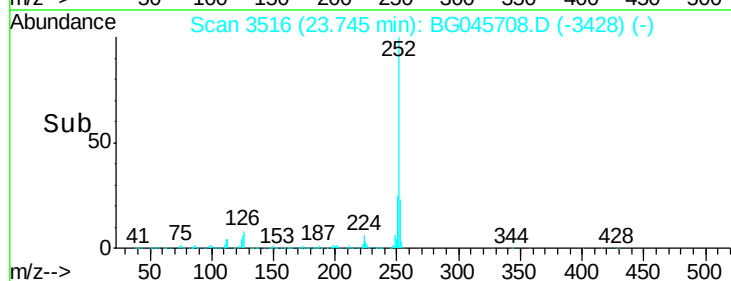
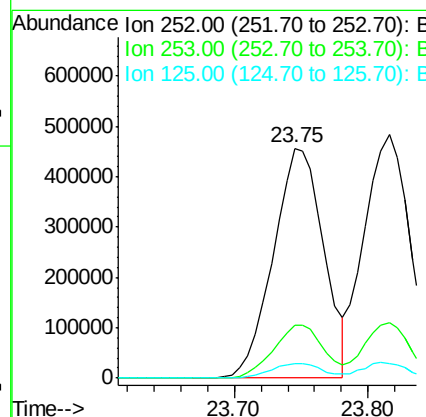
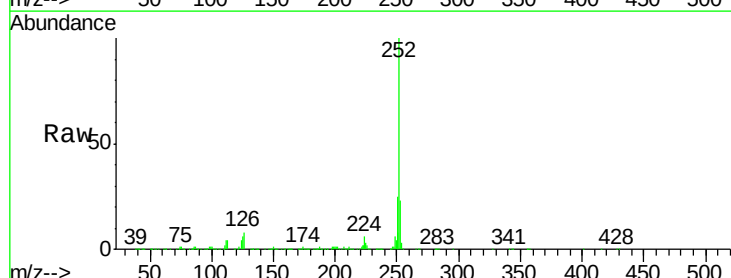
Instrument :
BNA_G
ClientSampleId :

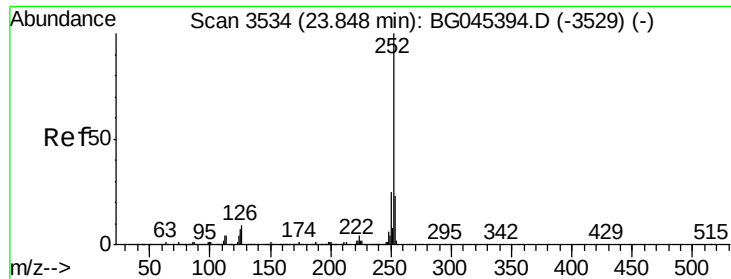
Tot Ion:264 Resp: 380387
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 22.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 58.499 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:252 Resp: 1193414
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 6.1 5.0 7.6

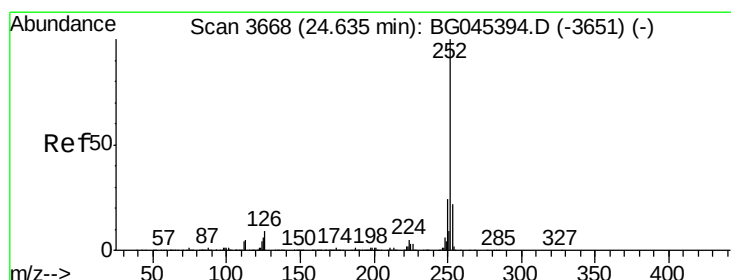
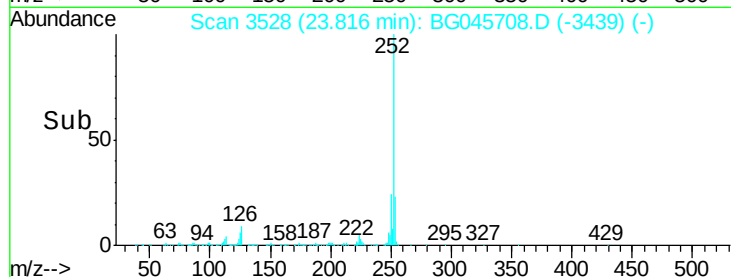
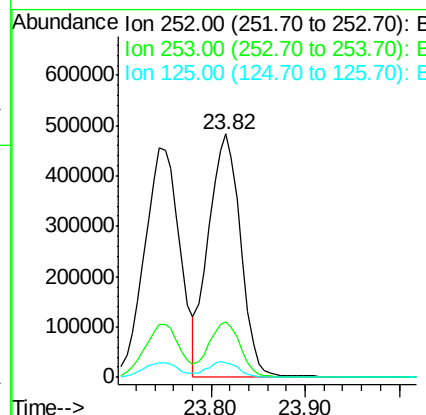
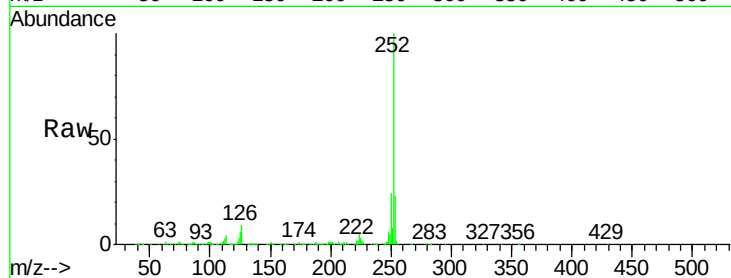




#89
Benzo(k)fluoranthene
Concen: 60.070 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

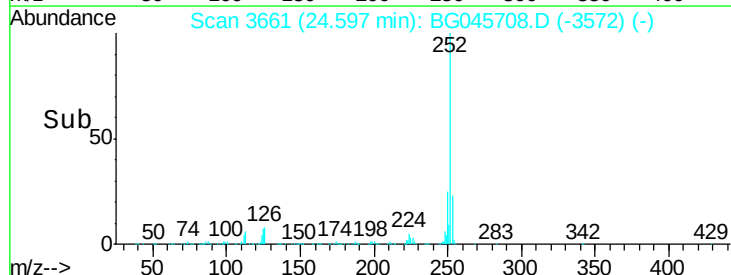
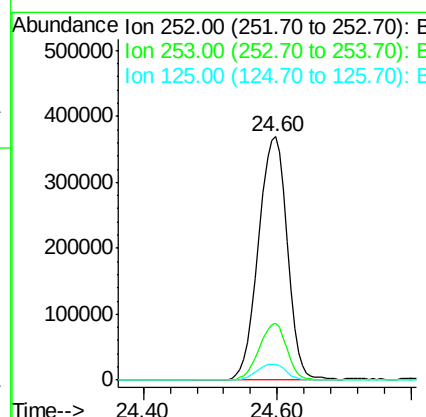
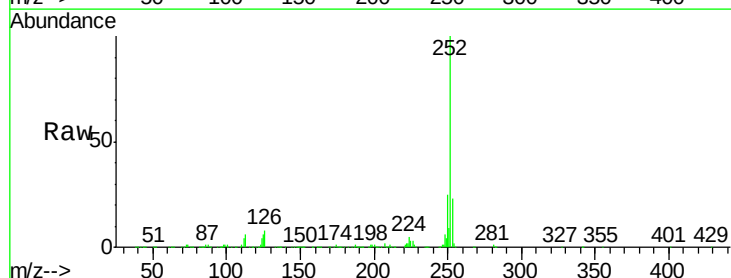
Instrument :
BNA_G
ClientSampleId :

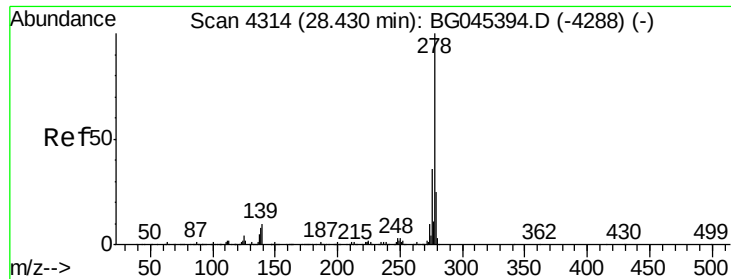
Tot Ion:252 Resp: 1151312
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 6.1 5.7 8.5



#90
Benzo(a)pyrene
Concen: 57.757 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:252 Resp: 1097361
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 6.5 5.0 7.6

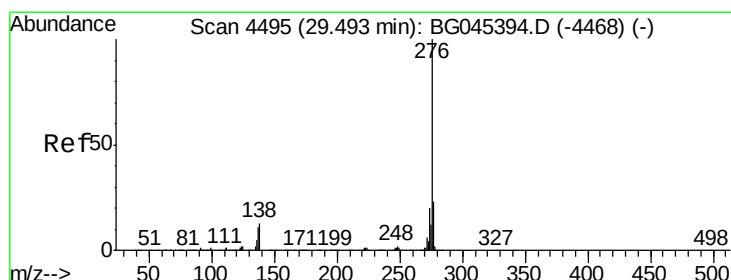
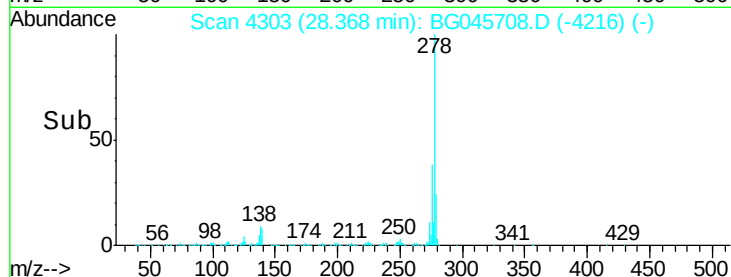
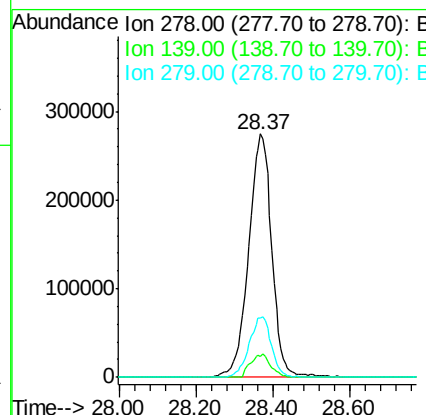
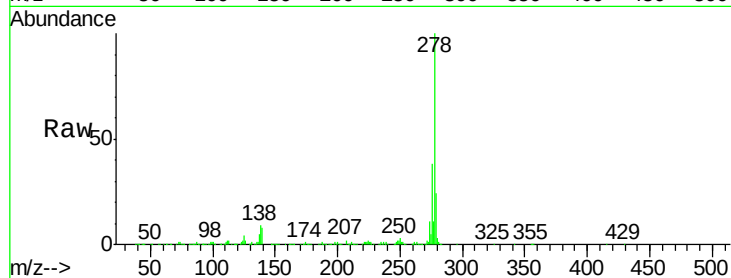




#91
Dibenzo(a,h)anthracene
Concen: 59.826 ng
RT: 28.37 min Scan# 4303
Delta R.T. -0.02 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1142253
Ion Ratio Lower Upper
278 100
139 8.4 7.8 11.8
279 24.2 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 59.356 ng
RT: 29.43 min Scan# 4484
Delta R.T. -0.01 min
Lab File: BG045708.D
Acq: 11 Jun 2020 4:43

Tgt Ion:276 Resp: 1133409
Ion Ratio Lower Upper
276 100
277 22.5 18.1 27.1
138 11.7 10.2 15.4

