

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
 Data File : BG045769.D
 Acq On : 15 Jun 2020 17:39
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061520

Quant Time: Jun 15 18:37:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	50464	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	185891	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	129400	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	307445	20.00	ng	0.00
76) Chrysene-d12	21.58	240	284236	20.00	ng	0.00
86) Perylene-d12	24.70	264	314747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	248088	83.05	ng	0.00
7) Phenol-d6	7.17	99	377335	83.04	ng	0.00
23) Nitrobenzene-d5	9.09	82	350463	86.13	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	170957	87.51	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	781595	88.76	ng	0.00
79) Terphenyl-d14	19.94	244	1255184	89.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	55477	40.546	ng	98
3) Pyridine	3.77	79	169339	41.765	ng	97
4) n-Nitrosodimethylamine	3.69	42	55559	40.823	ng	# 89
6) Aniline	7.26	93	221452	41.389	ng	96
8) 2-Chlorophenol	7.51	128	133595	41.779	ng	93
9) Benzaldehyde	7.06	77	114583	41.982	ng	95
10) Phenol	7.20	94	182396	41.426	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	136537	40.827	ng	95
12) 1,3-Dichlorobenzene	7.81	146	159181	41.772	ng	97
13) 1,4-Dichlorobenzene	7.95	146	158983	41.769	ng	98
14) 1,2-Dichlorobenzene	8.28	146	151096	41.465	ng	95
15) Benzyl Alcohol	8.18	79	147892	42.057	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	129285	41.018	ng	99
17) 2-Methylphenol	8.42	107	134514	41.052	ng	96
18) Hexachloroethane	9.01	117	58971	40.793	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	125518	42.015	ng	99
20) 3+4-Methylphenols	8.76	107	179521	41.659	ng	96
22) Acetophenone	8.75	105	216699	42.472	ng	# 99
24) Nitrobenzene	9.13	77	184605	42.549	ng	99
25) Isophorone	9.65	82	342522	43.481	ng	99
26) 2-Nitrophenol	9.84	139	78534	43.448	ng	94
27) 2,4-Dimethylphenol	9.95	122	120090	43.516	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	179297	43.574	ng	99
29) 2,4-Dichlorophenol	10.42	162	141950	44.088	ng	95
30) 1,2,4-Trichlorobenzene	10.59	180	163698	42.947	ng	97
31) Naphthalene	10.78	128	437997	43.098	ng	99
32) Benzoic acid	10.15	122	70761	41.120	ng	96
33) 4-Chloroaniline	10.90	127	187021	43.944	ng	99
34) Hexachlorobutadiene	11.07	225	118528	43.725	ng	98
35) Caprolactam	11.67	113	47529	45.618	ng	# 90
36) 4-Chloro-3-methylphenol	12.08	107	160436	43.157	ng	98
37) 2-Methylnaphthalene	12.39	142	326568	43.153	ng	98
38) 1-Methylnaphthalene	12.61	142	312624	43.653	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	188070	44.139	ng	100

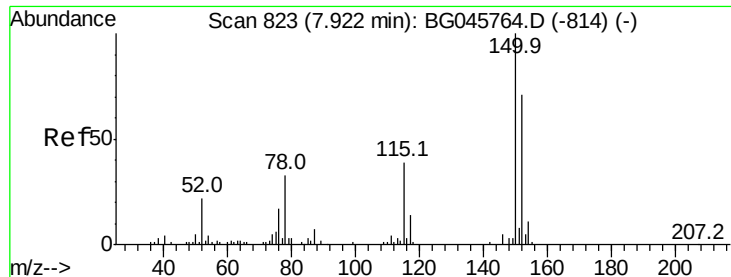
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
 Data File : BG045769.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	86315	41.234	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	124687	43.161	ng	93
44) 2,4,5-Trichlorophenol	13.12	196	144219	43.803	ng	97
46) 1,1'-Biphenyl	13.40	154	409075	44.156	ng	99
47) 2-Chloronaphthalene	13.45	162	323964	43.290	ng	97
48) 2-Nitroaniline	13.66	65	110025	44.199	ng	98
49) Acenaphthylene	14.29	152	527165	43.979	ng	100
50) Dimethylphthalate	14.03	163	439471	43.353	ng	99
51) 2,6-Dinitrotoluene	14.15	165	96842	42.534	ng	94
52) Acenaphthene	14.63	154	317176	43.653	ng	98
53) 3-Nitroaniline	14.50	138	98278	43.214	ng	95
54) 2,4-Dinitrophenol	14.70	184	44662	40.762	ng	91
55) Dibenzofuran	14.97	168	519894	44.047	ng	98
56) 4-Nitrophenol	14.89	139	65910	42.415	ng	93
57) 2,4-Dinitrotoluene	14.94	165	144044	44.156	ng	97
58) Fluorene	15.62	166	430763	43.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	125857	44.042	ng	97
60) Diethylphthalate	15.39	149	448698	43.298	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	248089	43.856	ng	98
62) 4-Nitroaniline	15.67	138	101800	43.616	ng	94
63) Azobenzene	15.91	77	431586	43.374	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	81415	42.850	ng	96
66) n-Nitrosodiphenylamine	15.83	169	369690	42.454	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	170761	42.745	ng	94
68) Hexachlorobenzene	16.63	284	178522	43.096	ng	95
69) Atrazine	16.78	200	146694	43.412	ng	99
70) Pentachlorophenol	16.99	266	74548	40.641	ng	94
71) Phenanthrene	17.36	178	675773	42.619	ng	98
72) Anthracene	17.45	178	676783	42.863	ng	99
73) Carbazole	17.73	167	643105	42.776	ng	99
74) Di-n-butylphthalate	18.29	149	761199	42.761	ng	99
75) Fluoranthene	19.37	202	840229	43.094	ng	99
77) Benzidine	19.56	184	302873	40.988	ng	98
78) Pyrene	19.74	202	840644	44.166	ng	99
80) Butylbenzylphthalate	20.63	149	346210	43.456	ng	95
81) Benzo(a)anthracene	21.56	228	797287	43.265	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	301491	43.252	ng	98
83) Chrysene	21.62	228	775962	43.535	ng	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	487854	44.024	ng	98
85) Di-n-octyl phthalate	22.65	149	841172	44.006	ng	99
87) Indeno(1,2,3-cd)pyrene	28.26	276	986580	43.237	ng	# 95
88) Benzo(b)fluoranthene	23.72	252	875144	44.346	ng	98
89) Benzo(k)fluoranthene	23.79	252	821031	43.470	ng	97
90) Benzo(a)pyrene	24.56	252	798003	43.288	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	799113	43.673	ng	99
92) Benzo(g,h,i)perylene	29.37	276	792879	43.293	ng	97

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

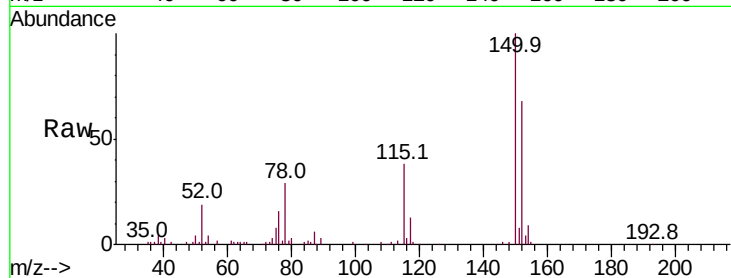


#1

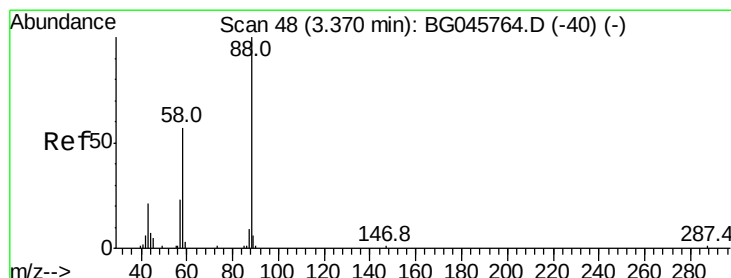
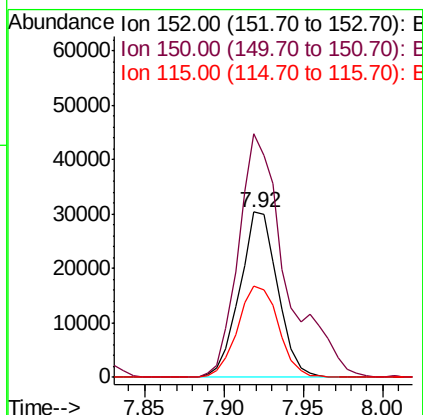
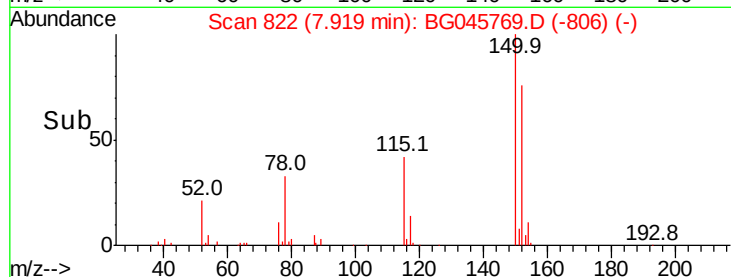
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
ICVBG061520

Tot Ion:152 Resp: 50464
Ion Ratio Lower Upper
152 100
150 147.2 113.1 169.7
115 55.5 43.8 65.6



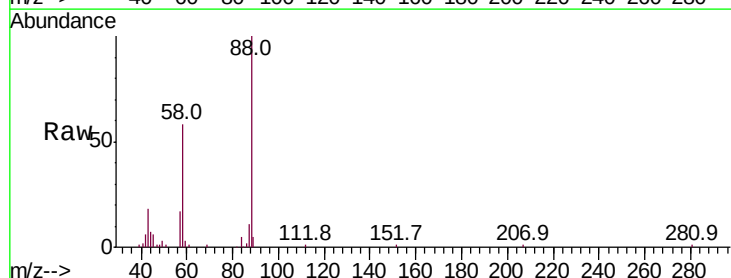
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



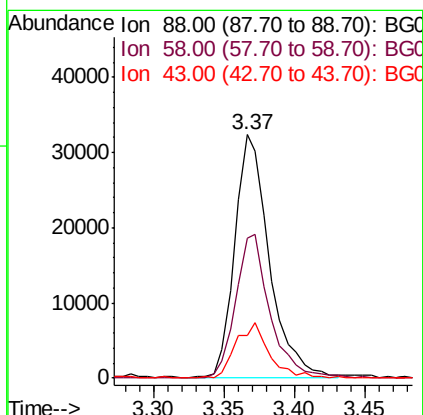
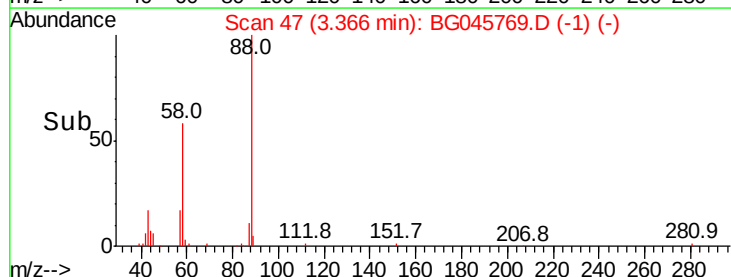
#2

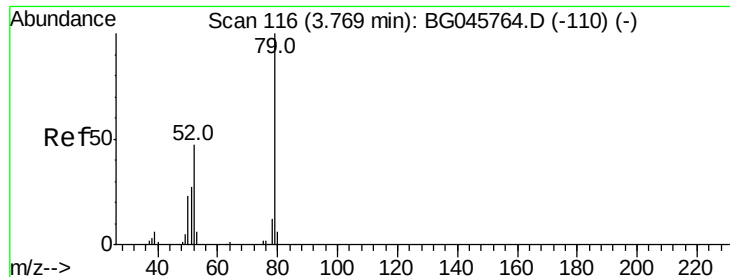
1,4-Dioxane
Concen: 40.546 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion: 88 Resp: 55477
Ion Ratio Lower Upper
88 100
58 58.4 46.1 69.1
43 21.9 19.2 28.8



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: 41.765 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

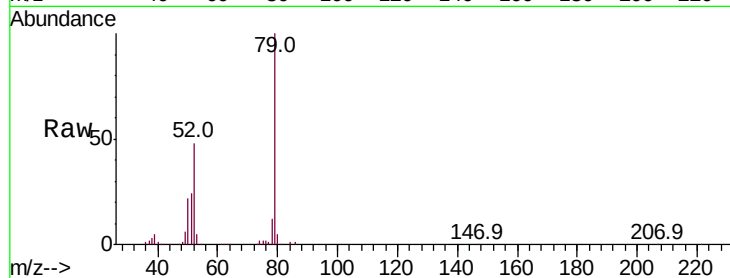
Tot Ion: 79 Resp: 169339

Ion Ratio Lower Upper

79 100

52 48.1 37.9 56.9

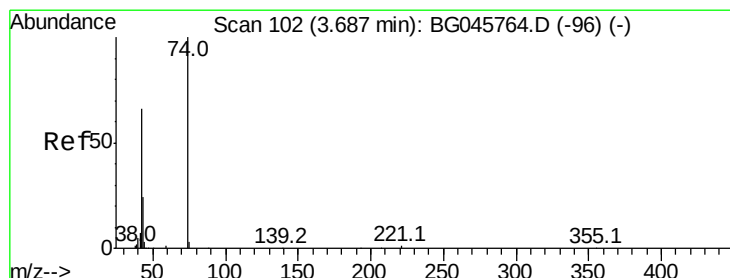
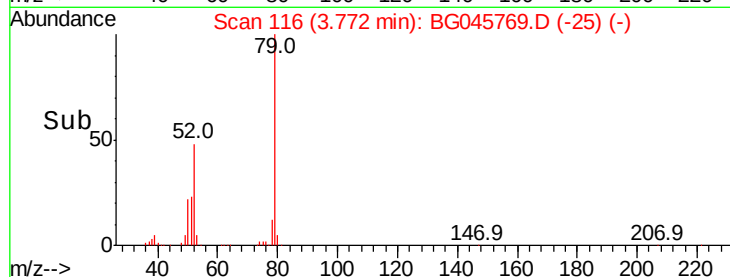
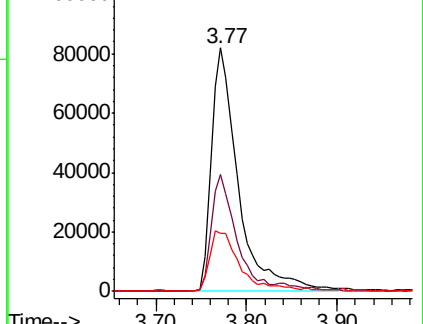
51 24.0 22.0 33.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.823 ng

RT: 3.69 min Scan# 102

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

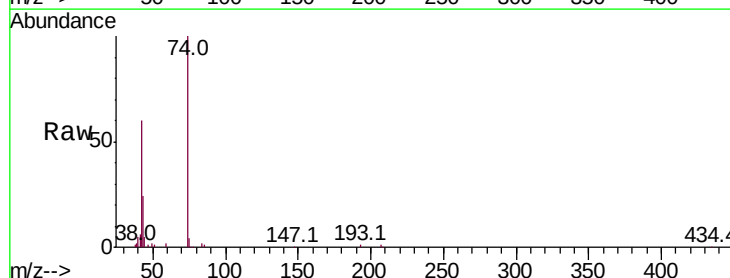
Tgt Ion: 42 Resp: 55559

Ion Ratio Lower Upper

42 100

74 165.5 121.0 181.4

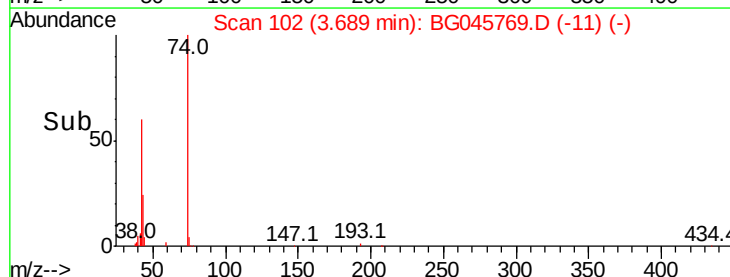
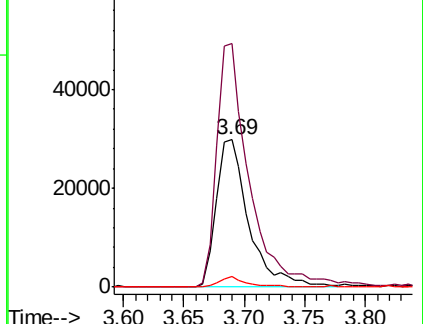
44 7.5 3.5 5.3#

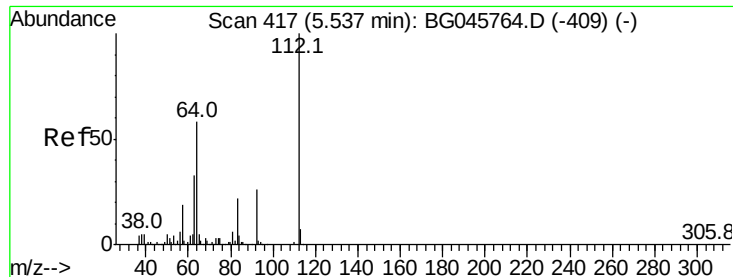


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.045 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

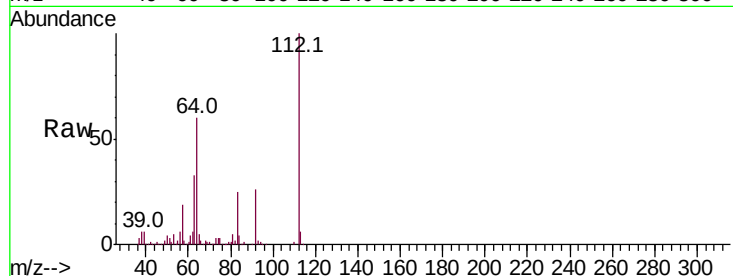
Tot Ion:112 Resp: 248088

Ion Ratio Lower Upper

112 100

64 59.6 46.6 69.8

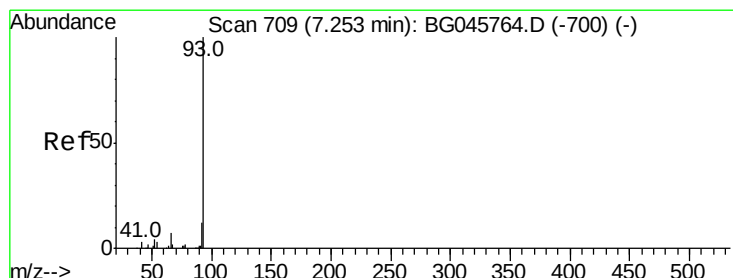
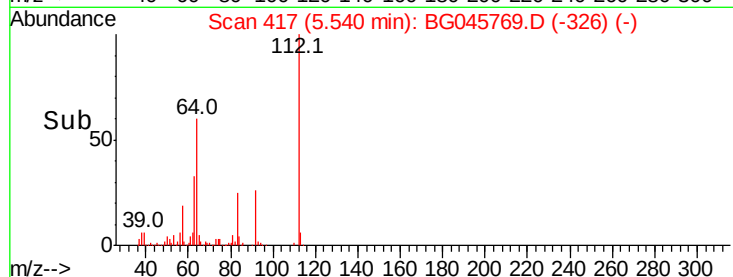
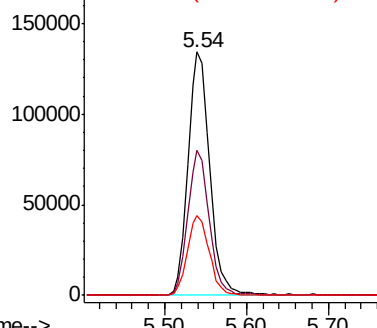
63 32.6 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.389 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

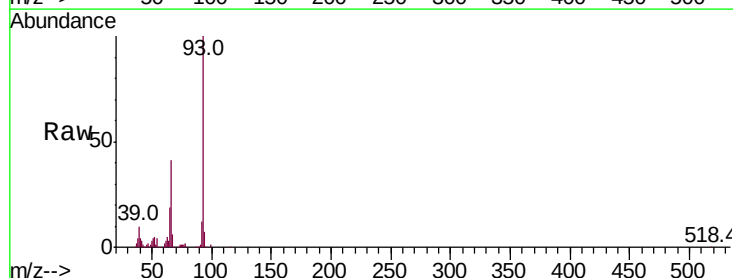
Tgt Ion: 93 Resp: 221452

Ion Ratio Lower Upper

93 100

66 40.6 30.0 45.0

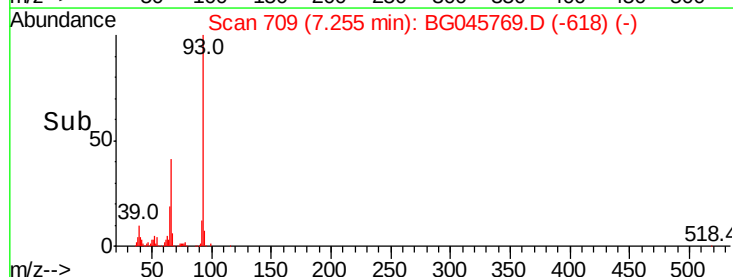
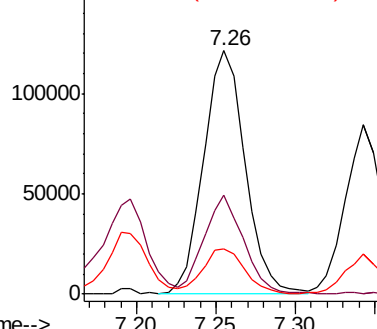
65 18.8 14.7 22.1

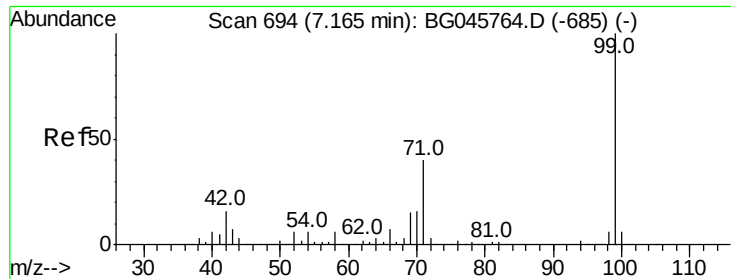


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.039 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

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ClientSampleId :

ICVBG061520

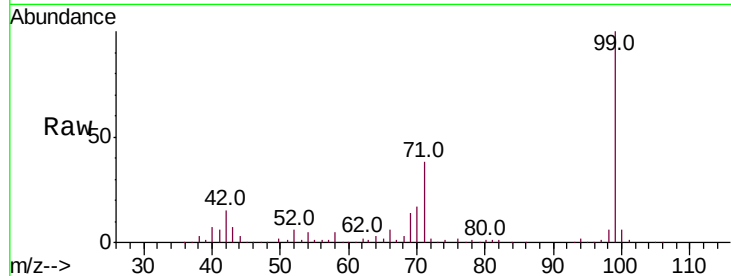
Tot Ion: 99 Resp: 377335

Ion Ratio Lower Upper

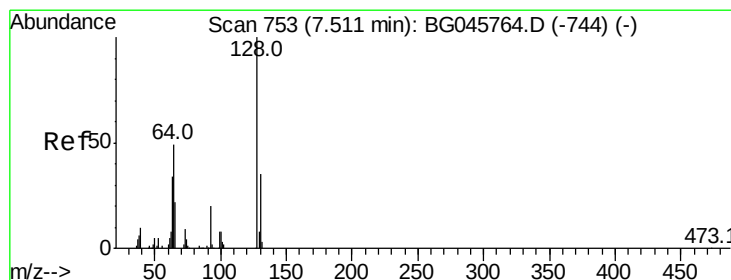
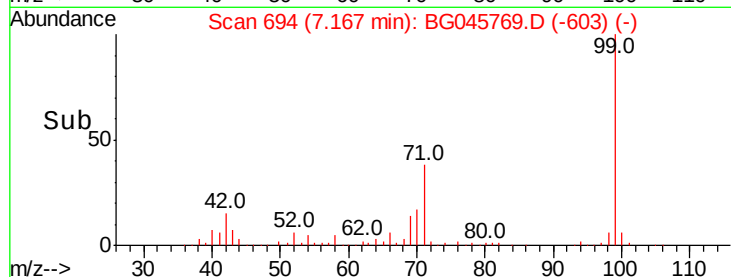
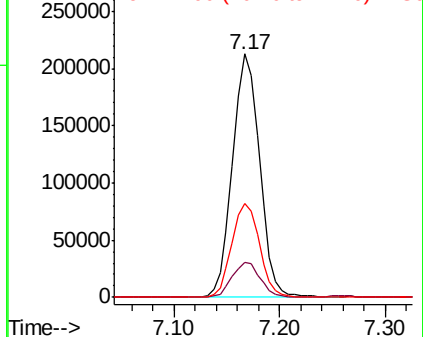
99 100

42 14.6 12.4 18.6

71 38.5 32.1 48.1



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: 41.779 ng

RT: 7.51 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

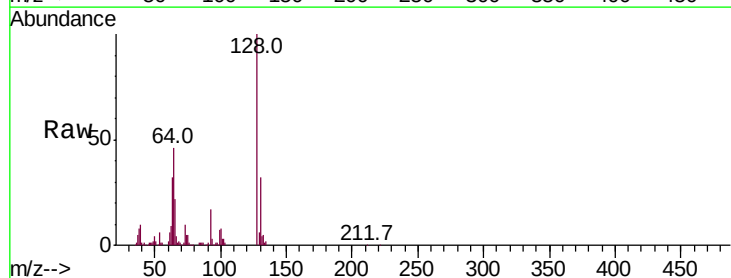
Tgt Ion: 128 Resp: 133595

Ion Ratio Lower Upper

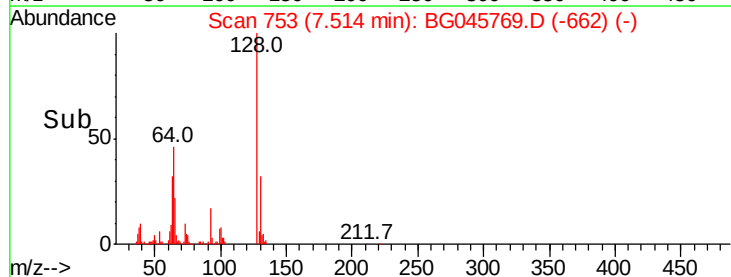
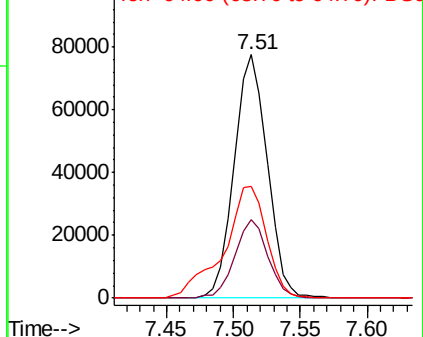
128 100

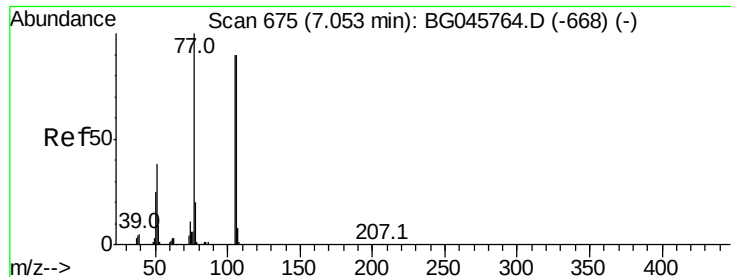
130 32.0 14.5 54.5

64 45.8 31.6 71.6



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





#9

Benzaldehyde

Concen: 41.982 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

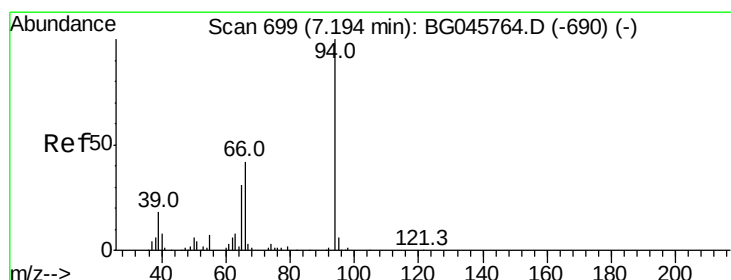
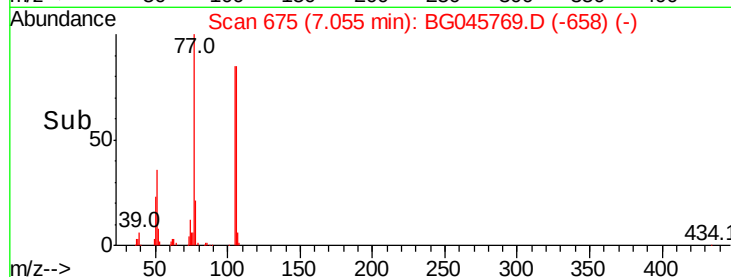
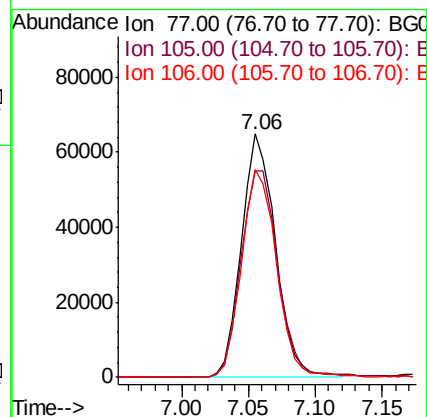
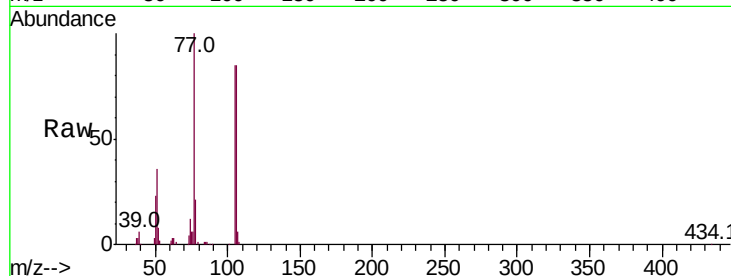
Tot Ion: 77 Resp: 114583

Ion Ratio Lower Upper

77 100

105 84.9 70.4 110.4

106 85.5 70.2 110.2



#10

Phenol

Concen: 41.426 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

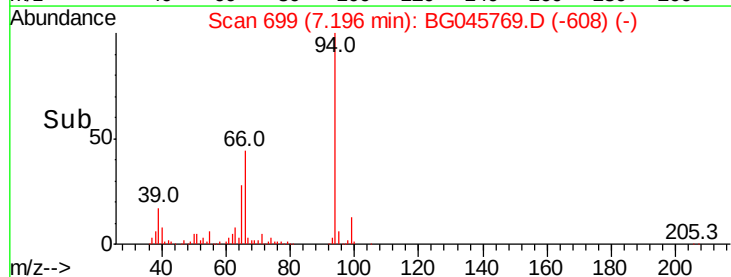
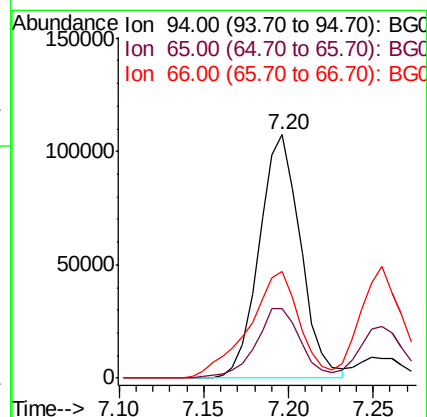
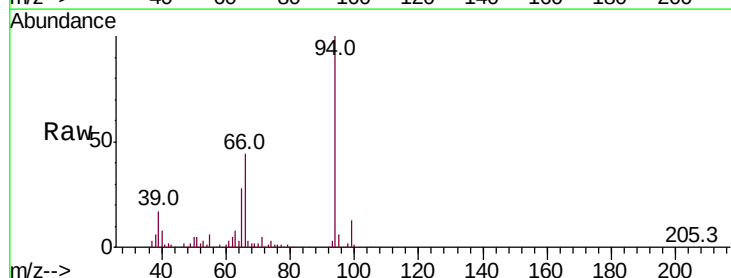
Tgt Ion: 94 Resp: 182396

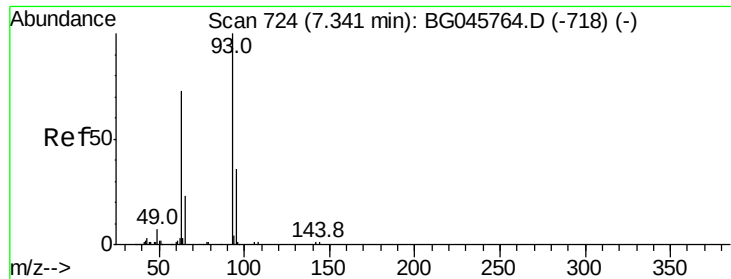
Ion Ratio Lower Upper

94 100

65 28.4 10.7 50.7

66 44.0 22.5 62.5

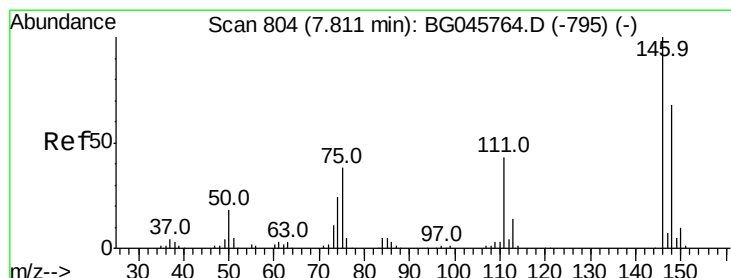
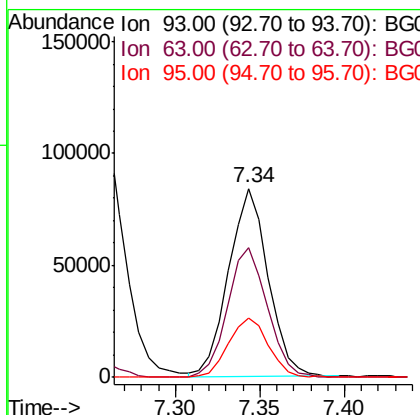
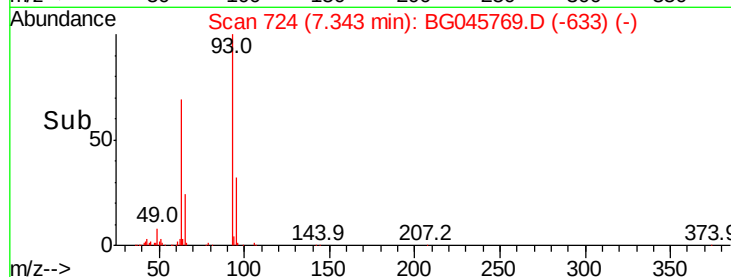
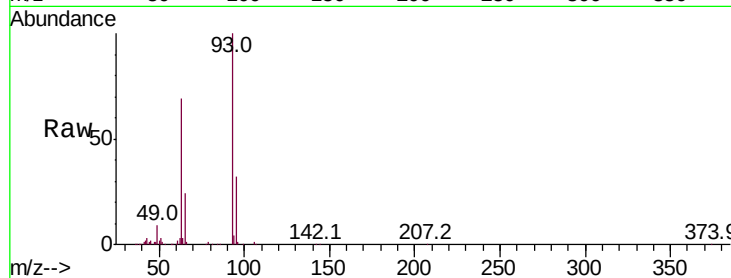




#11
bis(2-Chloroethyl)ether
Concen: 40.827 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

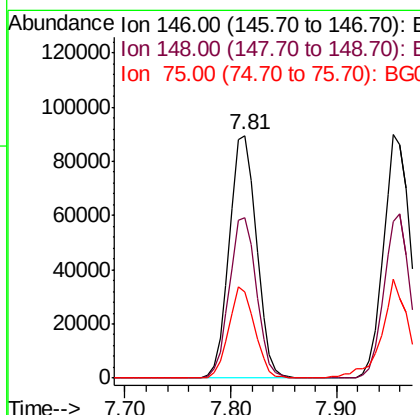
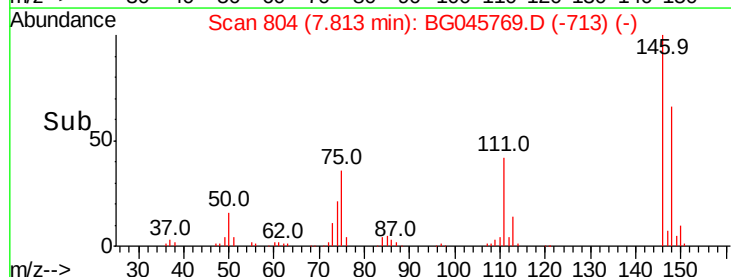
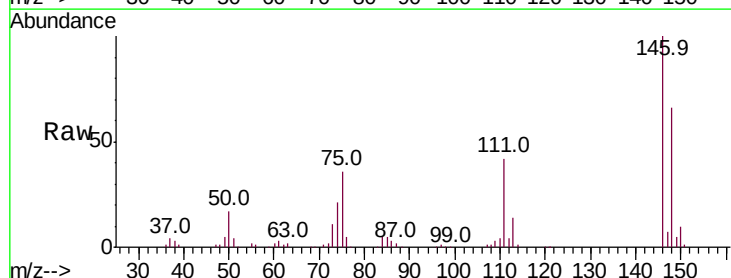
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

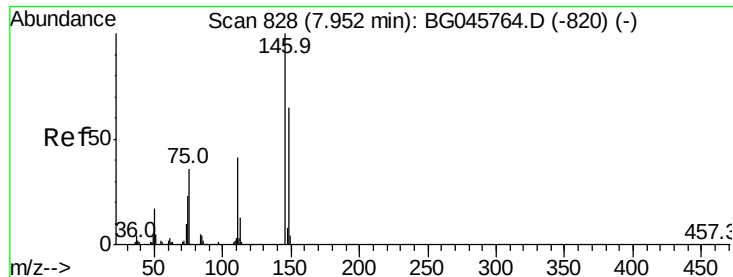
Tot Ion: 93 Resp: 136537
Ion Ratio Lower Upper
93 100
63 69.0 52.0 92.0
95 31.7 15.6 55.6



#12
1,3-Dichlorobenzene
Concen: 41.772 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion: 146 Resp: 159181
Ion Ratio Lower Upper
146 100
148 66.0 54.2 81.4
75 35.7 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 41.769 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

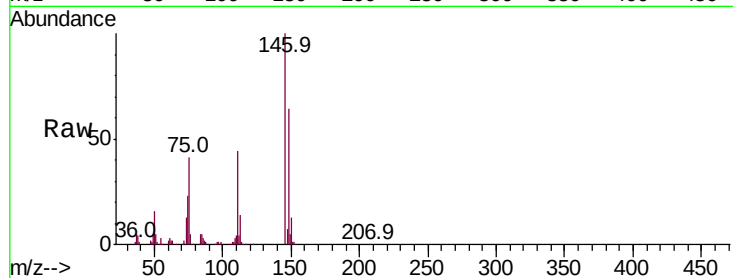
Tot Ion:146 Resp: 158983

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

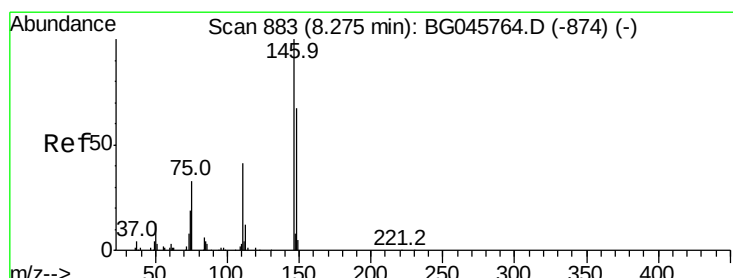
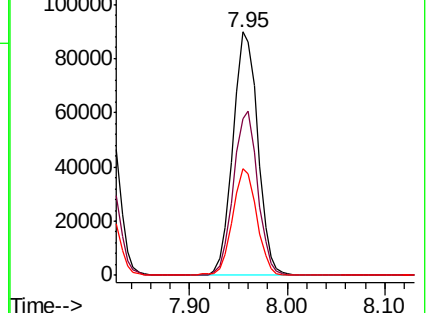
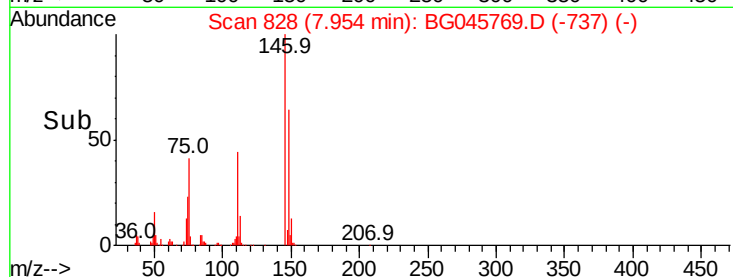
111 43.8 32.8 49.2



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: 41.465 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

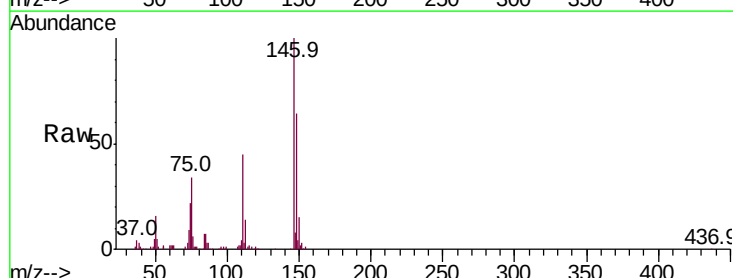
Tgt Ion:146 Resp: 151096

Ion Ratio Lower Upper

146 100

148 64.2 54.1 81.1

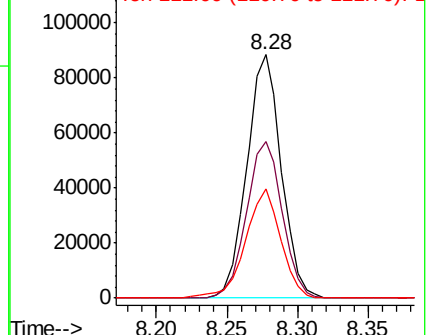
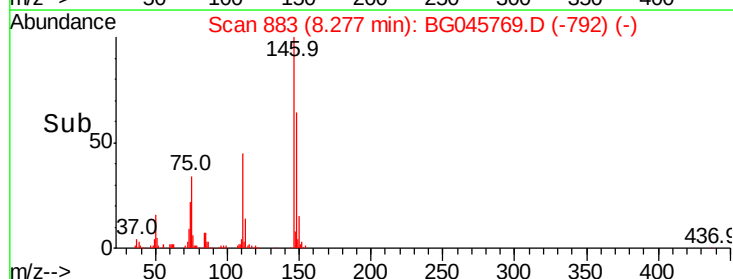
111 44.8 32.9 49.3

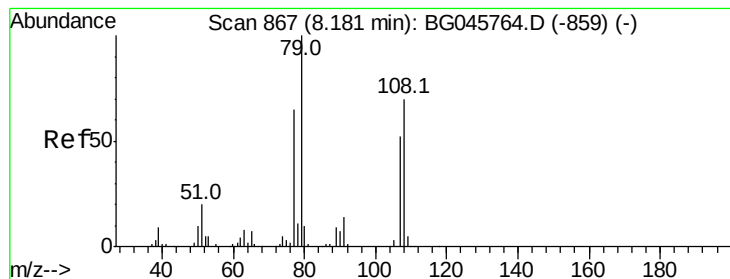


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.057 ng

RT: 8.18 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

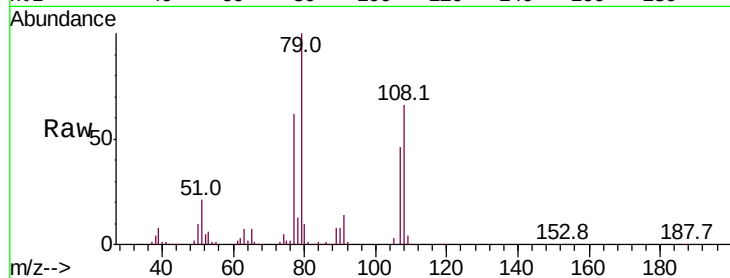
Tot Ion: 79 Resp: 147892

Ion Ratio Lower Upper

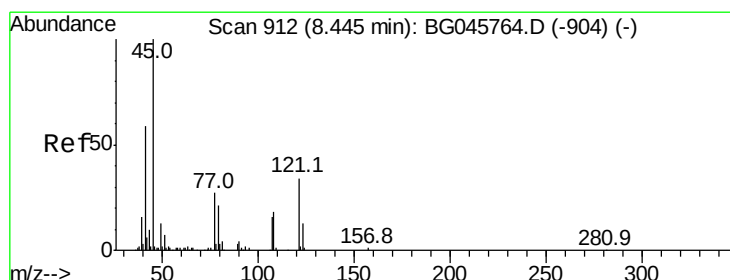
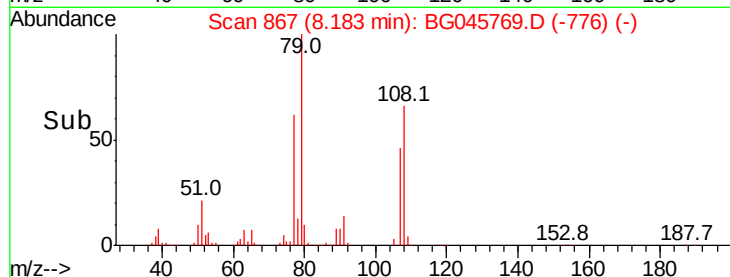
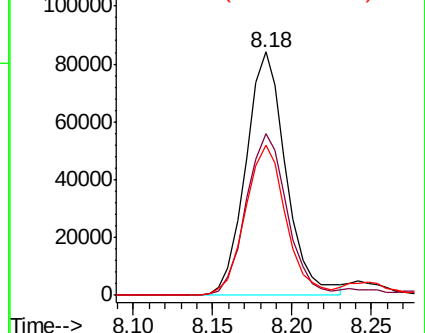
79 100

108 66.3 56.2 84.4

77 61.6 52.2 78.2



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: 41.018 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

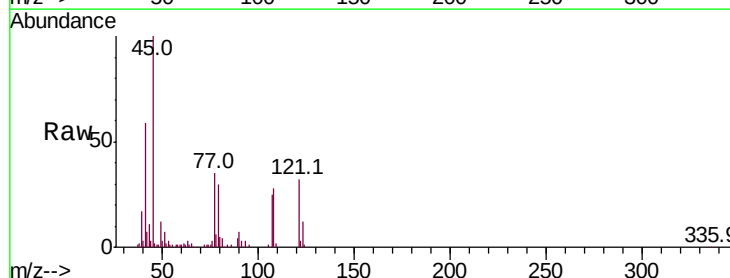
Tgt Ion: 45 Resp: 129285

Ion Ratio Lower Upper

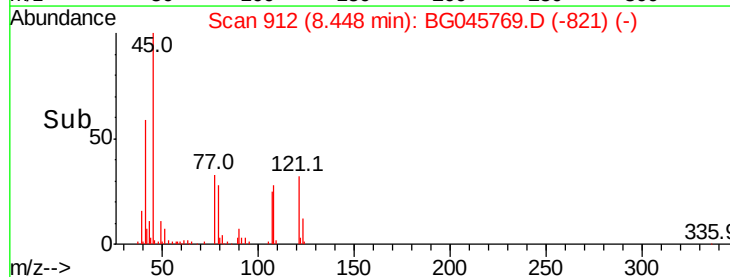
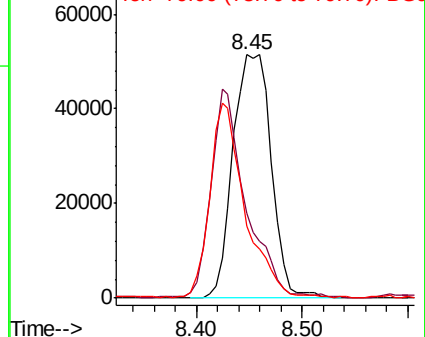
45 100

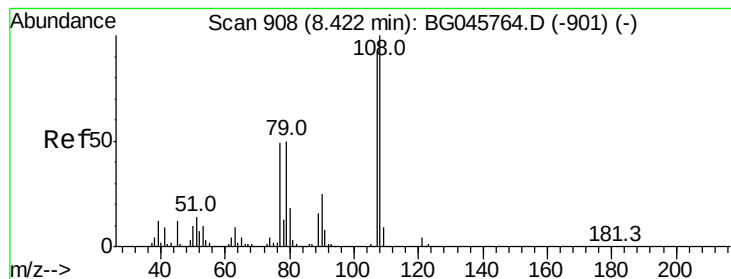
77 35.1 14.9 54.9

79 29.8 9.2 49.2



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

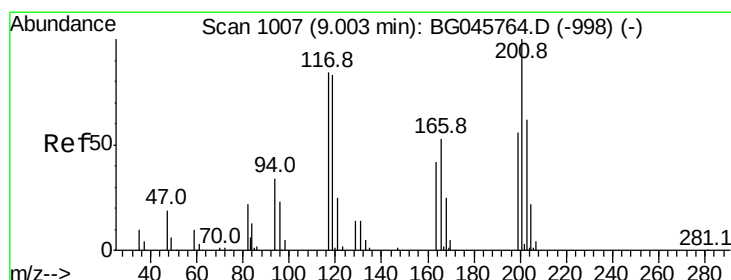
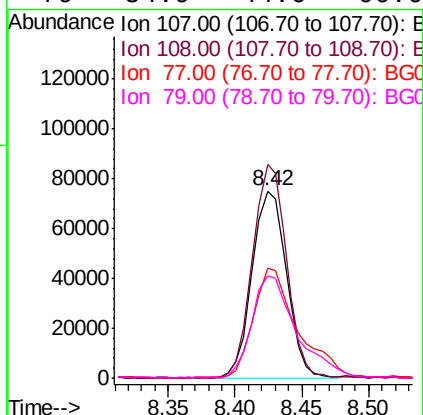
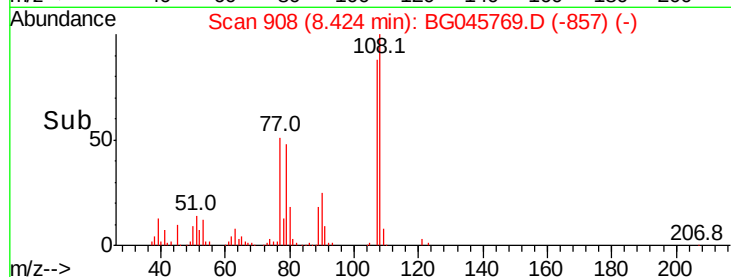
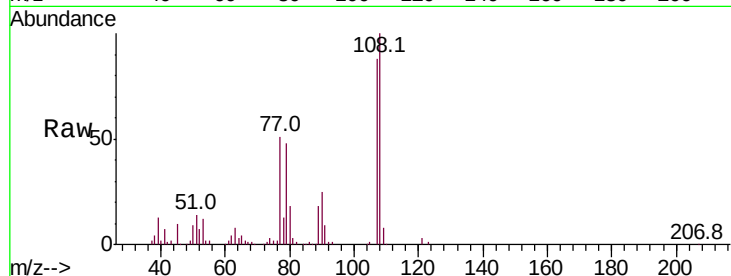




#17
2-Methylphenol
Concen: 41.052 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

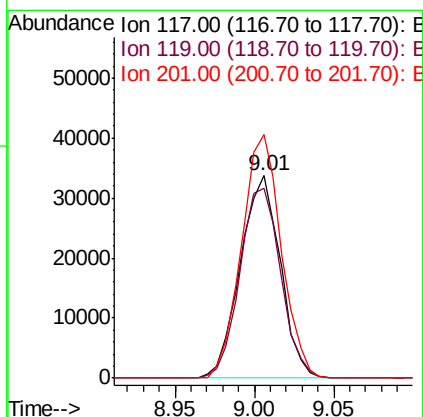
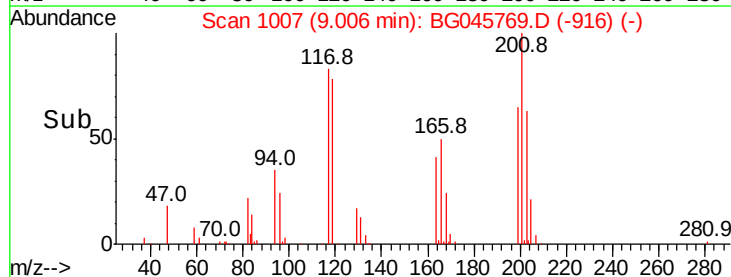
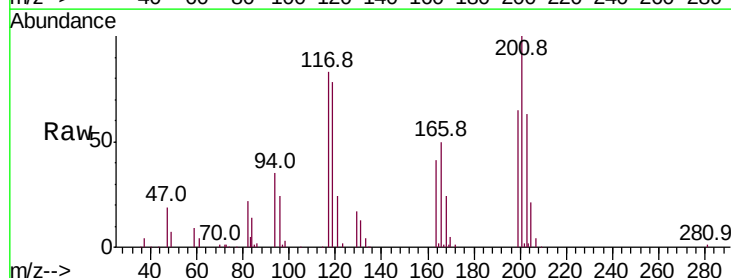
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

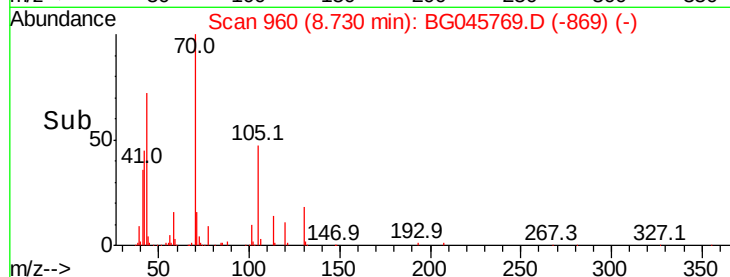
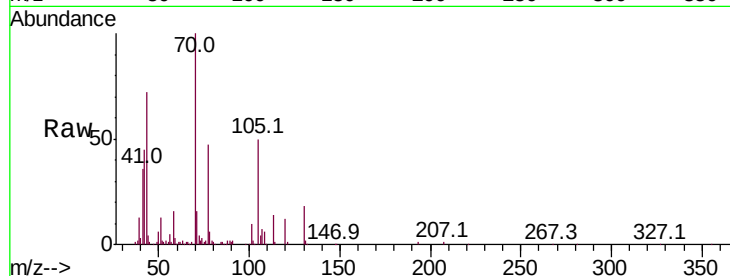
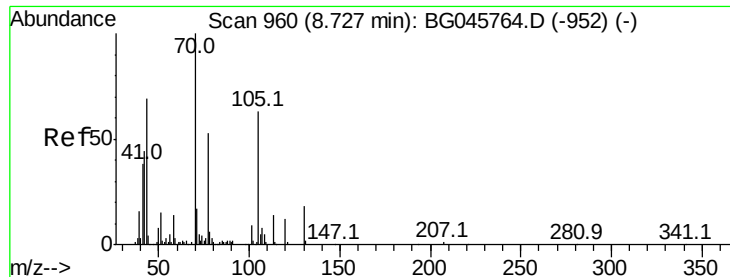
Tot Ion:107 Resp: 134514
Ion Ratio Lower Upper
107 100
108 113.9 87.4 131.0
77 58.6 42.5 63.7
79 54.9 44.0 66.0



#18
Hexachloroethane
Concen: 40.793 ng
RT: 9.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion:117 Resp: 58971
Ion Ratio Lower Upper
117 100
119 93.9 78.9 118.3
201 120.4 95.5 143.3

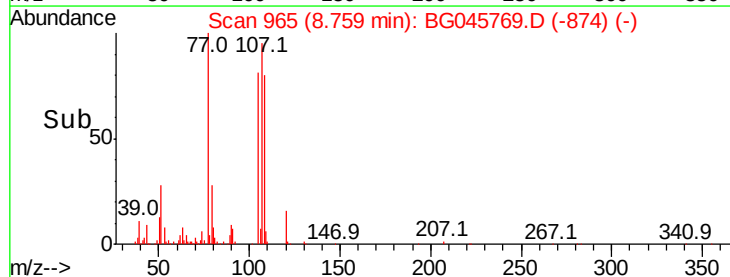
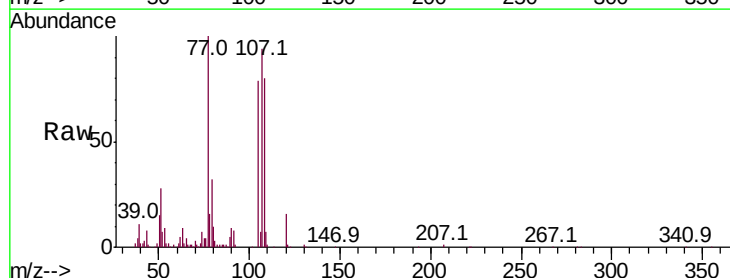
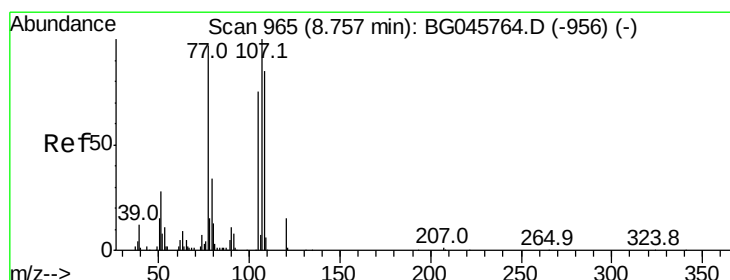
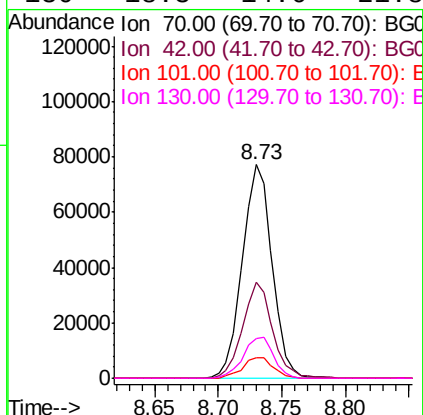




#19
n-Nitroso-di-n-propylamine
Concen: 42.015 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

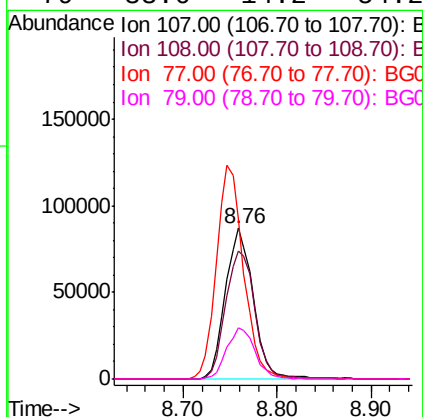
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

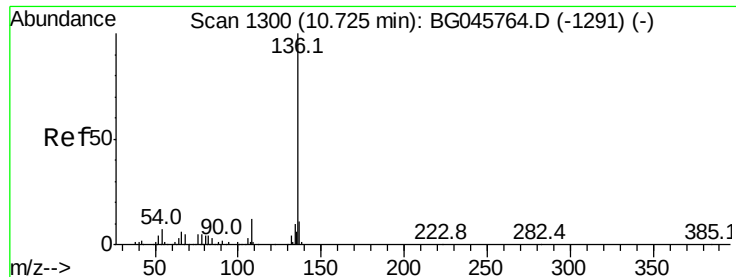
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.0	35.1	52.7	
101	9.8	7.4	11.0	
130	18.3	14.6	21.8	



#20
3+4-Methylphenols
Concen: 41.659 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.9	65.4	105.4	
77	106.0	77.2	117.2	
79	33.6	14.2	54.2	

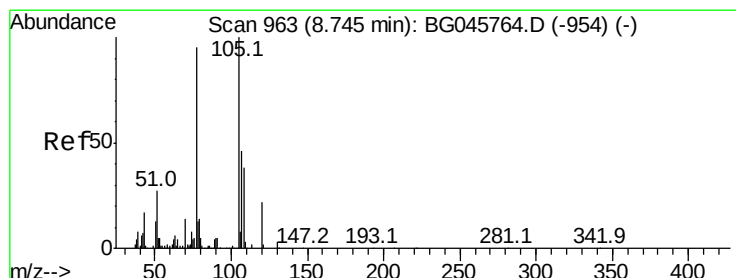
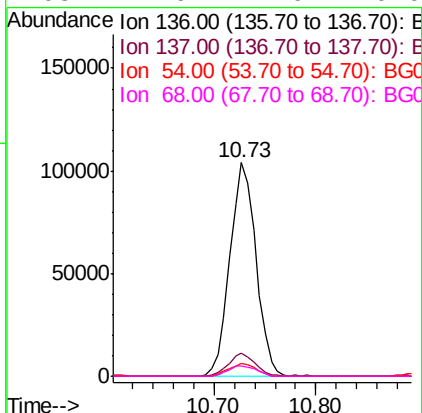
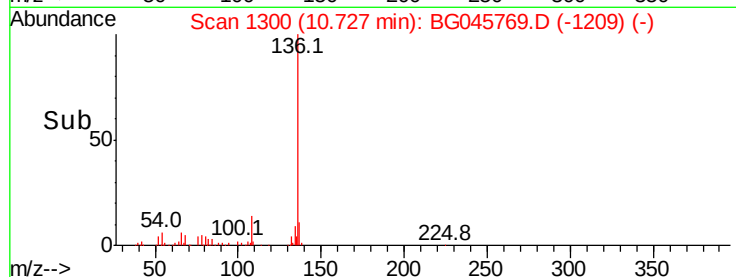
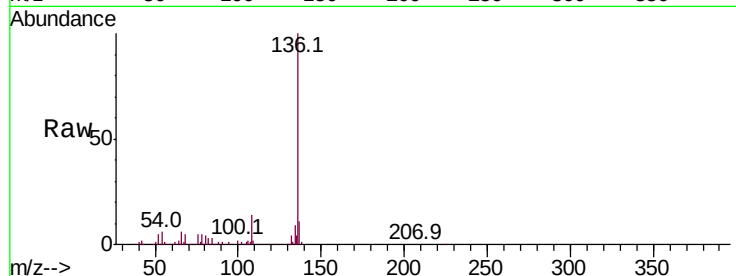




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

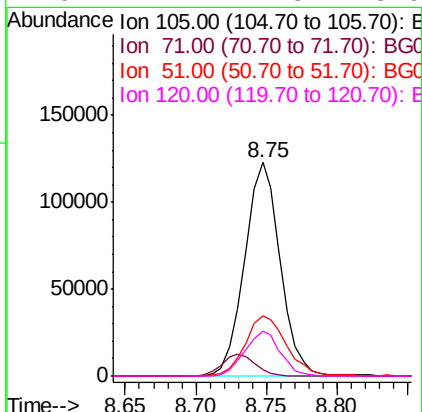
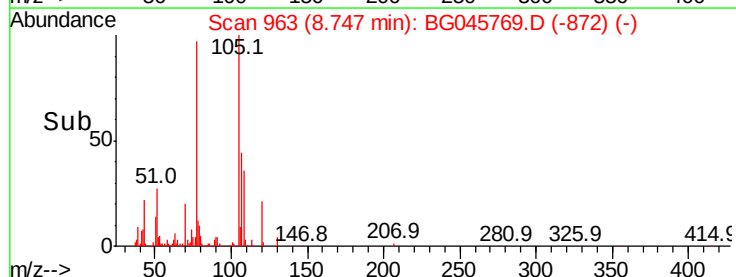
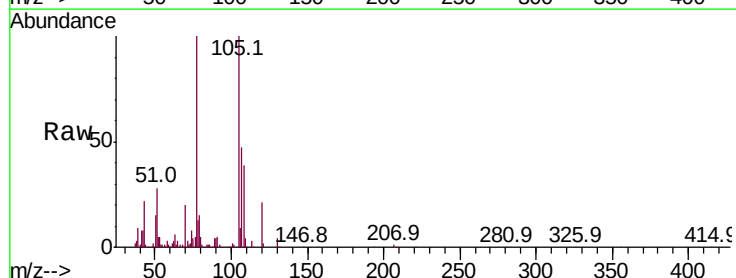
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

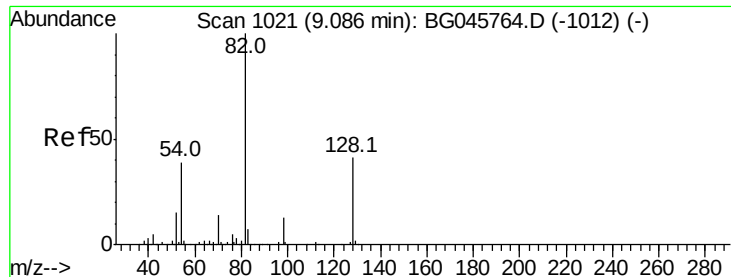
Tot Ion:136	Resp:	185891
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	5.7	5.8 8.6#
68	4.9	4.0 6.0



#22
Acetophenone
Concen: 42.472 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion:105	Resp:	216699
Ion Ratio	Lower	Upper
105	100	
71	3.3	1.8 2.8#
51	28.3	21.9 32.9
120	21.1	17.3 25.9

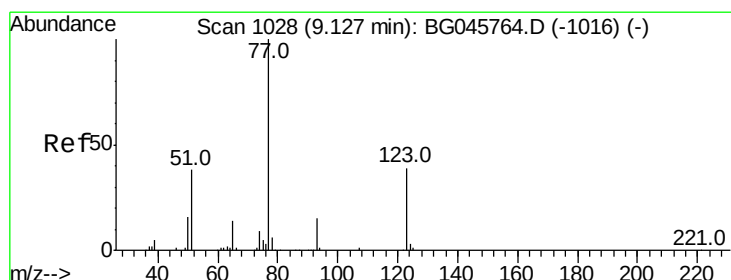
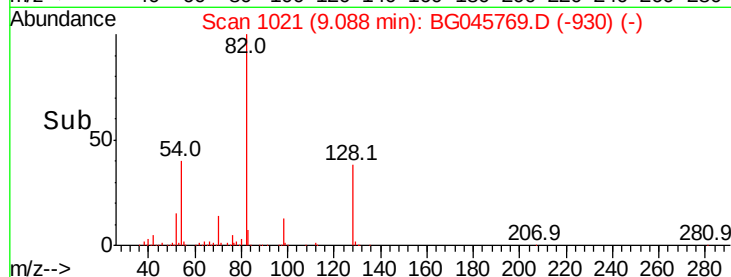
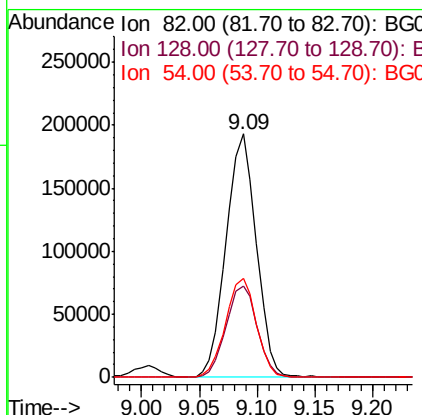
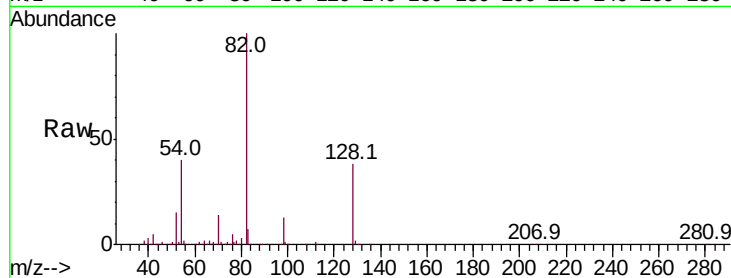




#23
Nitrobenzene-d5
Concen: 86.128 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

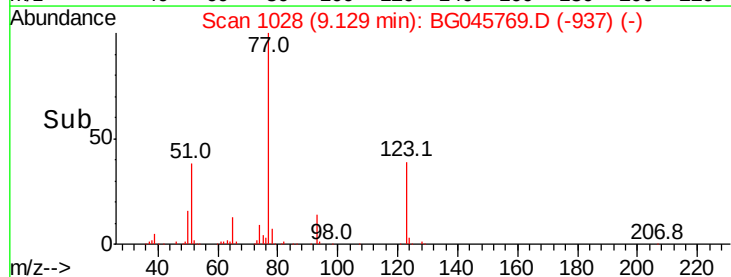
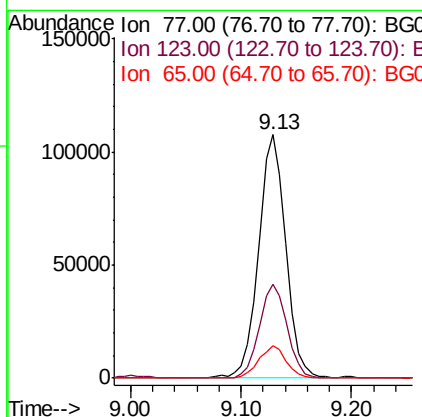
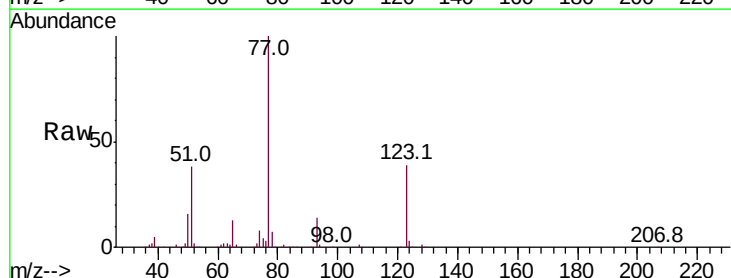
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

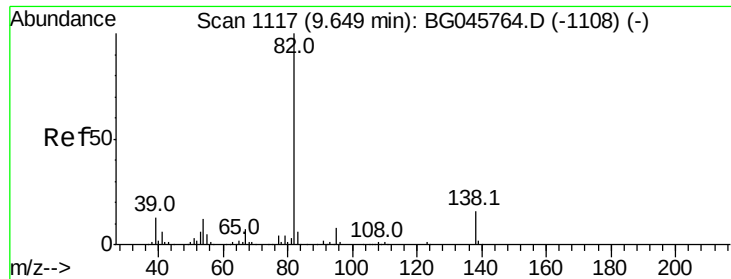
Tot Ion: 82 Resp: 350463
Ion Ratio Lower Upper
82 100
128 37.7 32.5 48.7
54 40.5 31.2 46.8



#24
Nitrobenzene
Concen: 42.549 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion: 77 Resp: 184605
Ion Ratio Lower Upper
77 100
123 38.6 31.2 46.8
65 13.3 11.4 17.2





#25

Isophorone

Concen: 43.481 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

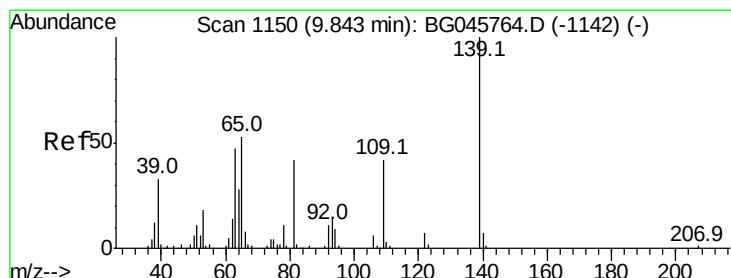
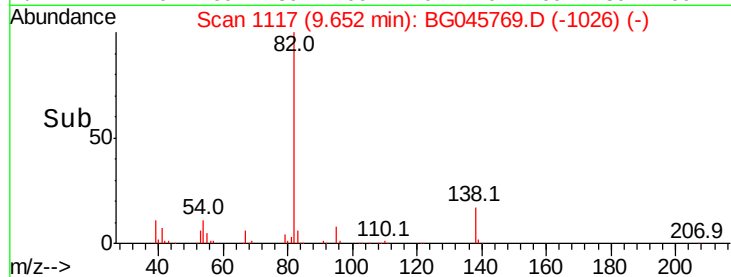
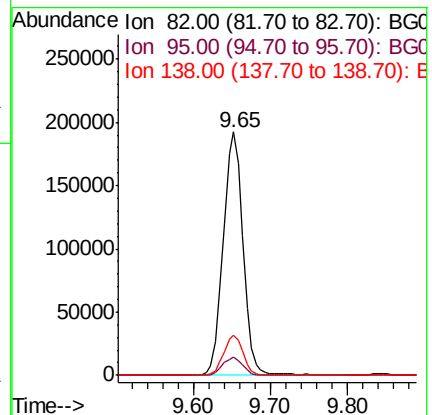
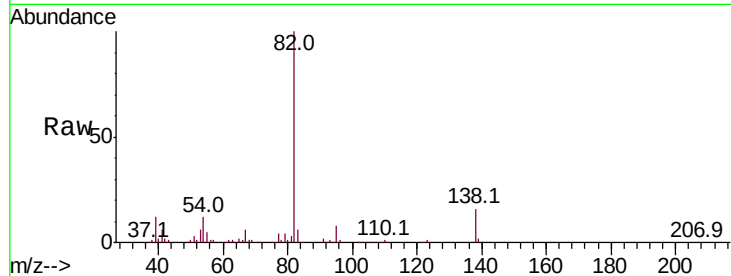
Tot Ion: 82 Resp: 342522

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.4

138 16.4 12.6 18.8



#26

2-Nitrophenol

Concen: 43.448 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

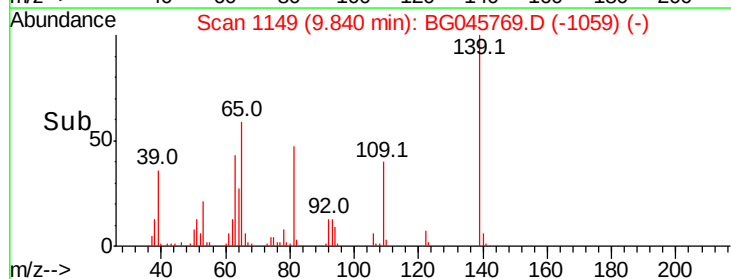
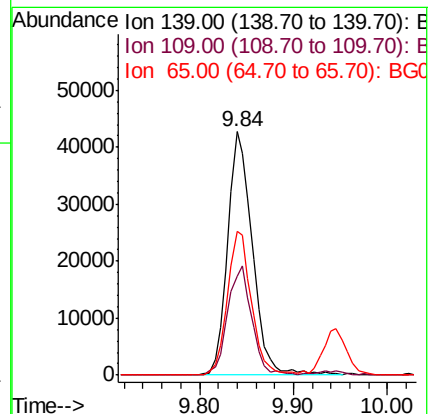
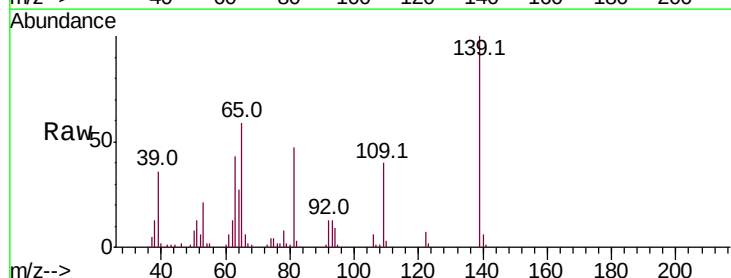
Tgt Ion: 139 Resp: 78534

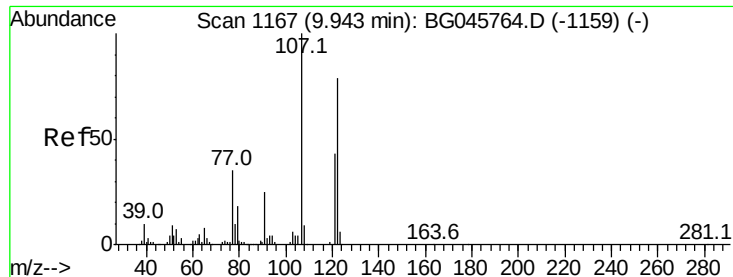
Ion Ratio Lower Upper

139 100

109 40.5 33.5 50.3

65 58.9 42.2 63.4

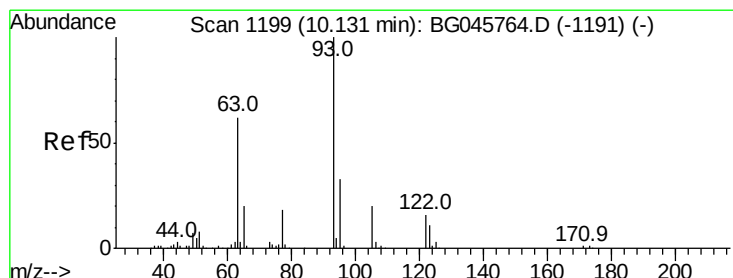
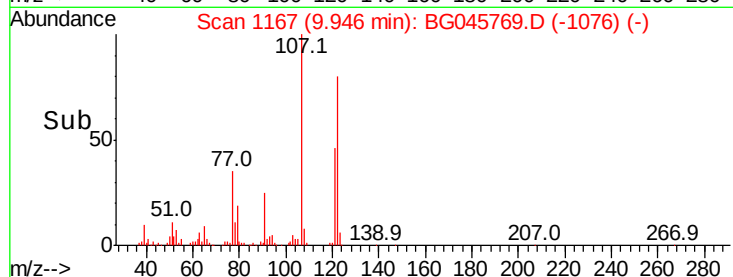
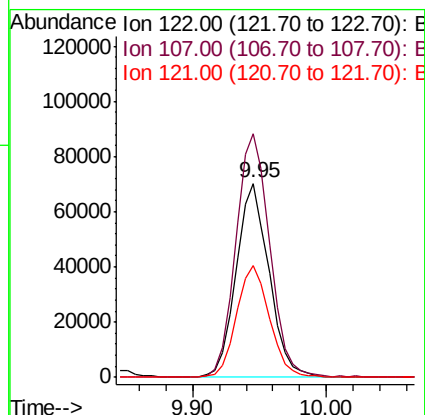
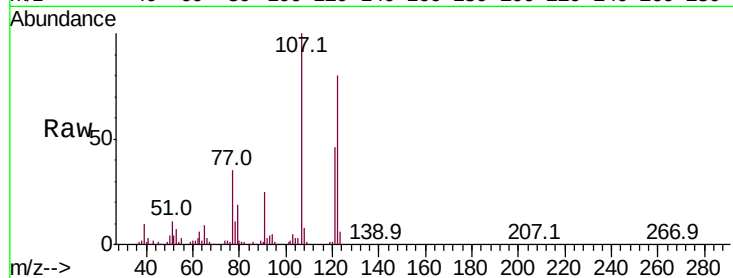




#27
 2,4-Dimethylphenol
 Concen: 43.516 ng
 RT: 9.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

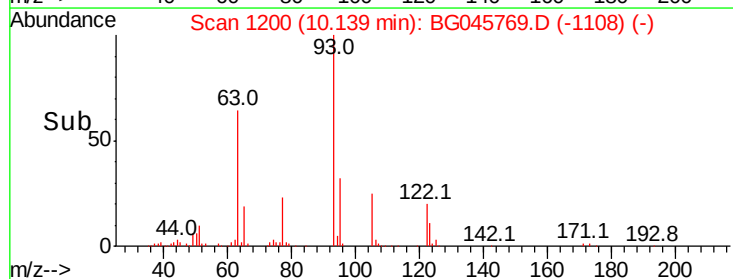
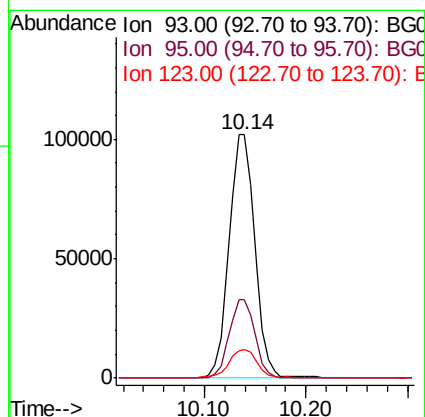
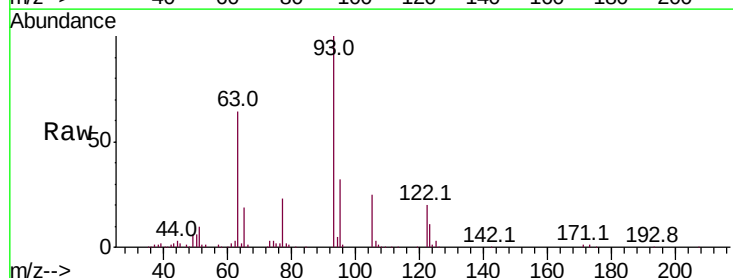
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061520

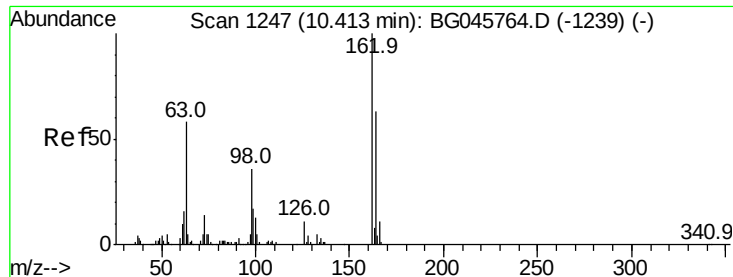
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.6	101.3	151.9
121	57.8	43.9	65.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.574 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	11.5	9.3	13.9

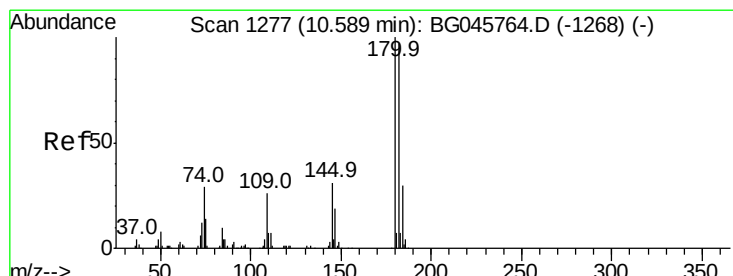
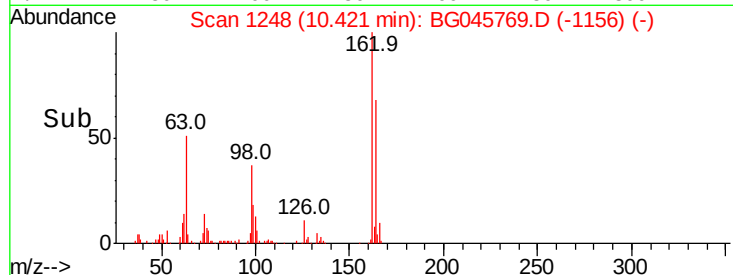
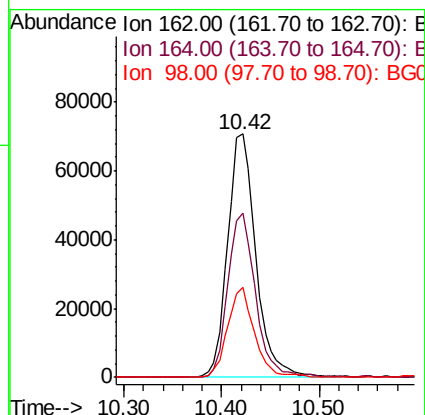
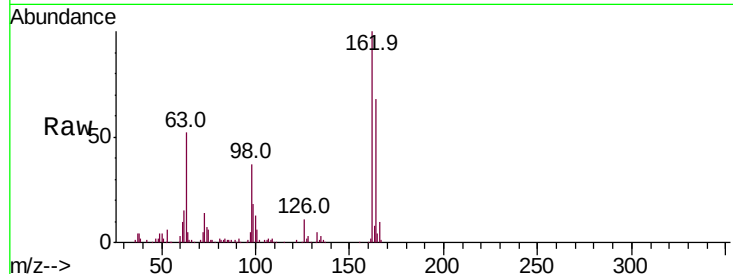




#29
2,4-Dichlorophenol
Concen: 44.088 ng
RT: 10.42 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

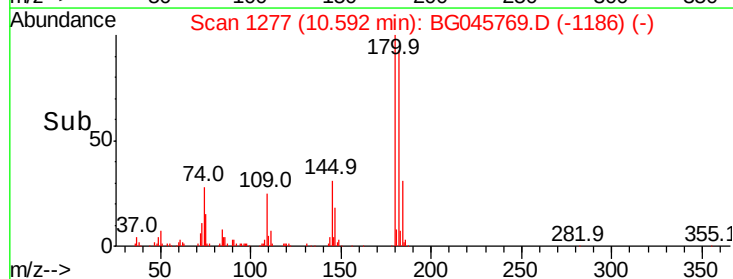
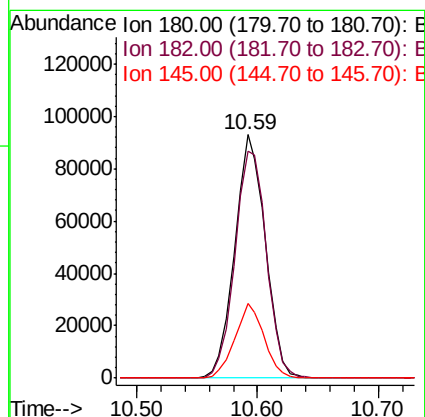
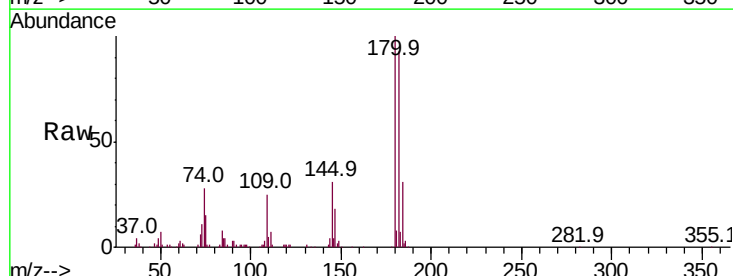
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

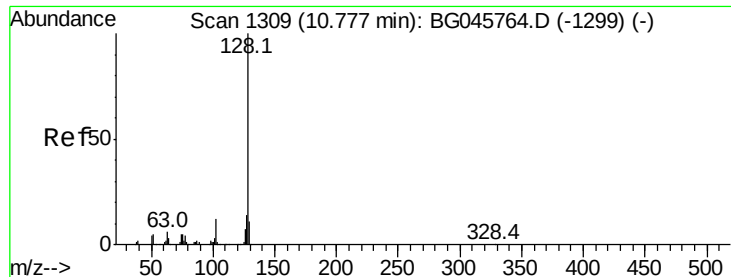
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	43.3	83.3
98	37.1	15.5	55.5



#30
1,2,4-Trichlorobenzene
Concen: 42.947 ng
RT: 10.59 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.8	116.6
145	30.7	24.5	36.7





#31

Naphthalene

Concen: 43.098 ng

RT: 10.78 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

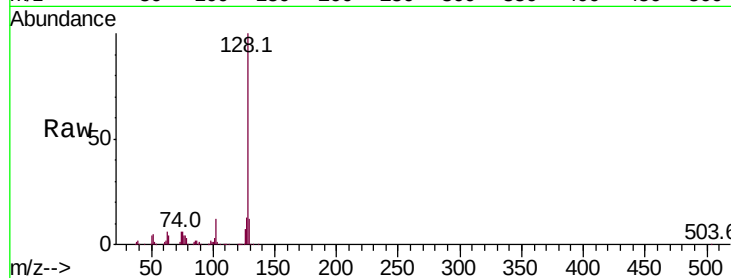
Tot Ion:128 Resp: 437997

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

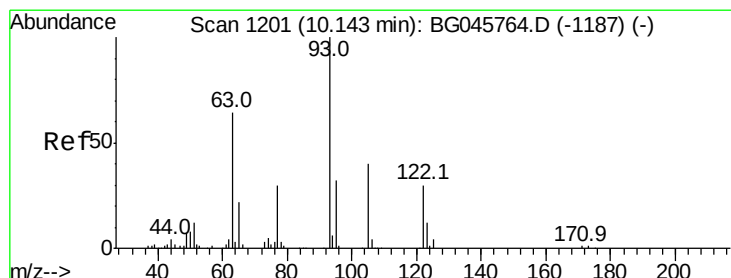
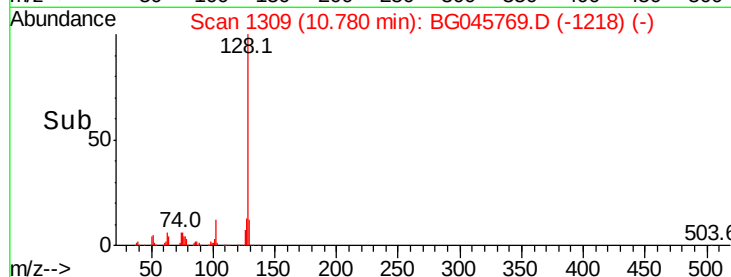
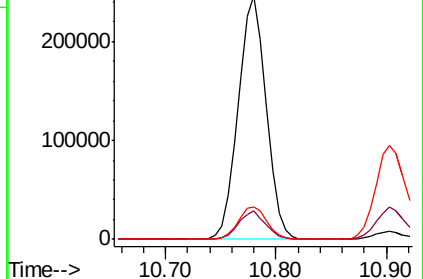
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.120 ng

RT: 10.15 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

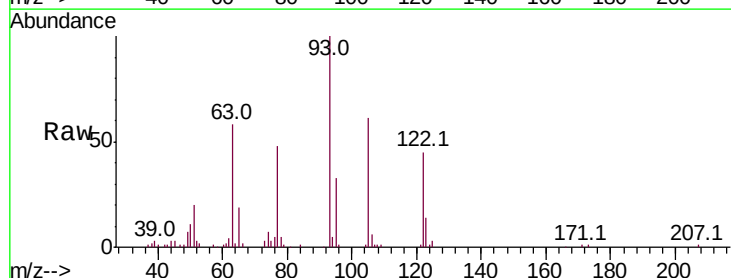
Tgt Ion:122 Resp: 70761

Ion Ratio Lower Upper

122 100

105 134.2 112.9 152.9

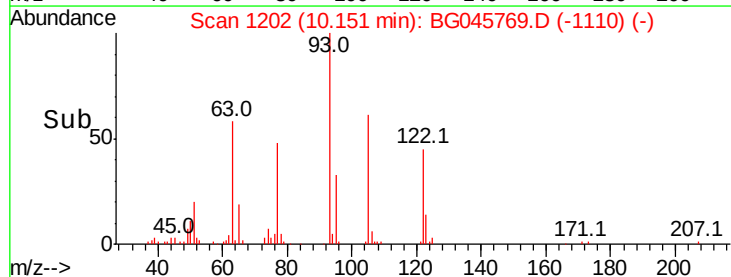
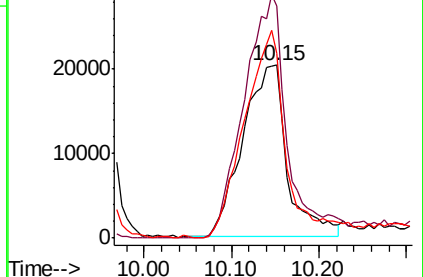
77 106.8 79.2 119.2

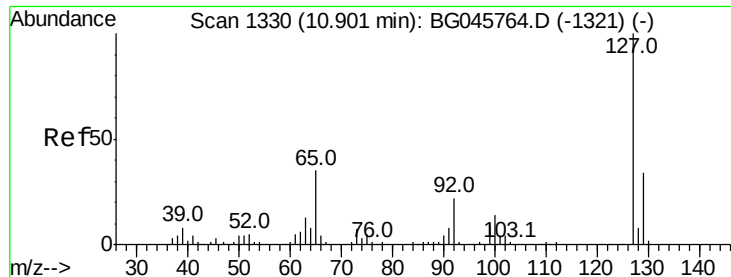


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

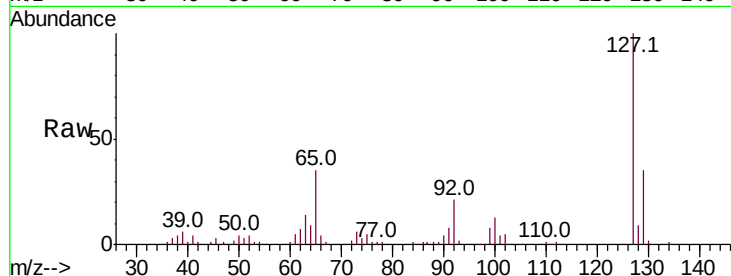




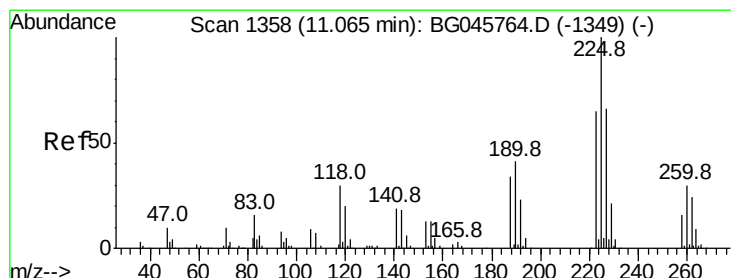
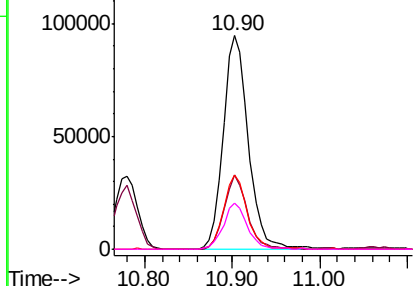
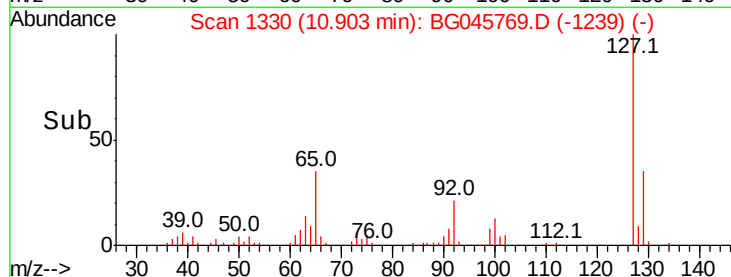
#33
4-Chloroaniline
Concen: 43.944 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Instrument :
BNA_G
ClientSampled :
ICVBG061520

Tot Ion:127	Resp:	187021	
Ion Ratio	Lower	Upper	
127 100			
129 34.6	26.8	40.2	
65 34.5	27.8	41.8	
92 21.4	17.3	25.9	

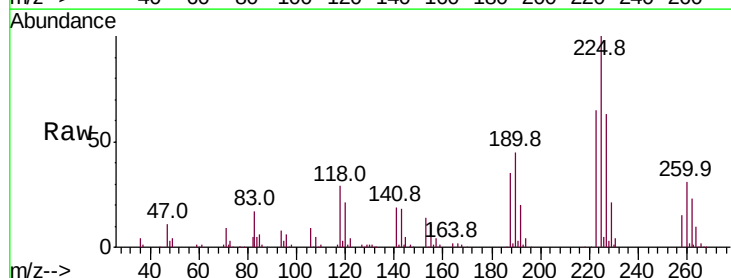


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

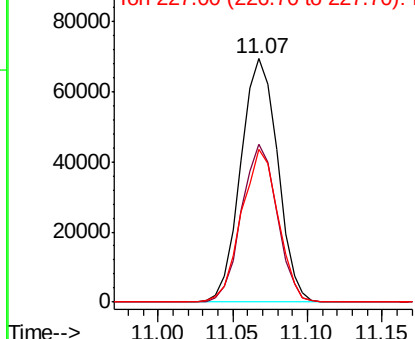
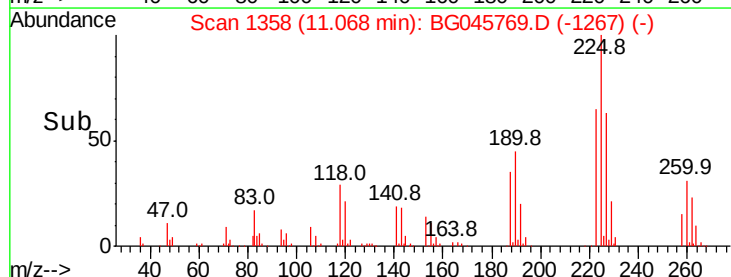


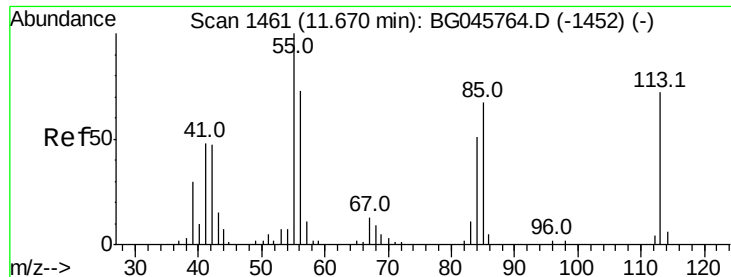
#34
Hexachlorobutadiene
Concen: 43.725 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion	225	Resp: Lower	118528 Upper
	Ratio		
225	100		
223	64.9	52.0	78.0
227	62.6	52.5	78.7



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: 45.618 ng

RT: 11.67 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

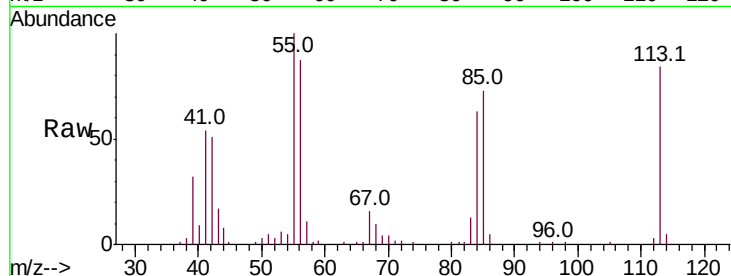
Tot Ion:113 Resp: 47529

Ion Ratio Lower Upper

113 100

55 118.4 119.7 159.7#

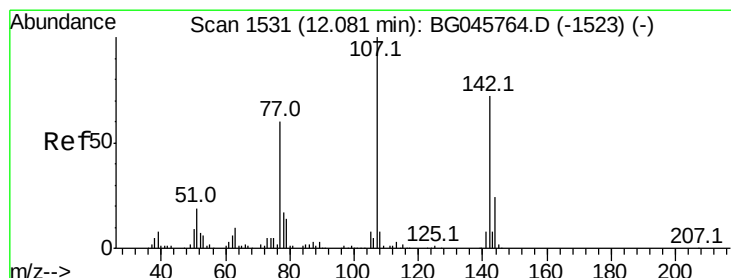
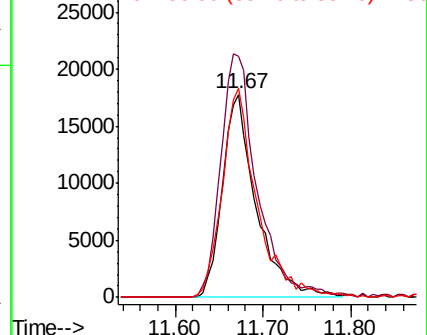
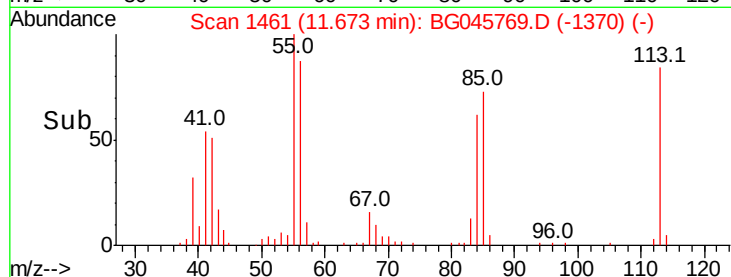
56 102.7 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.157 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

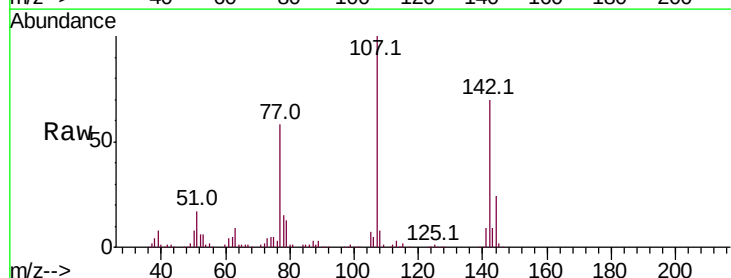
Tgt Ion:107 Resp: 160436

Ion Ratio Lower Upper

107 100

144 24.2 19.5 29.3

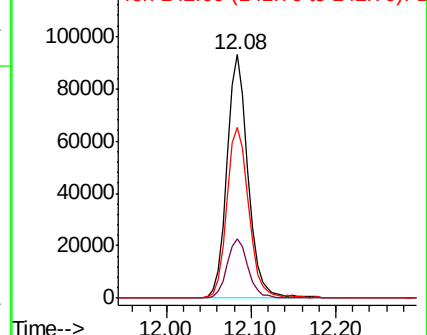
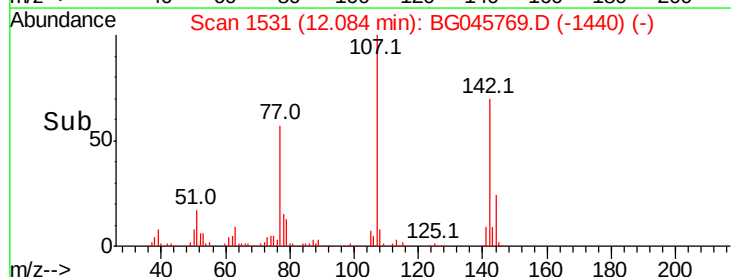
142 70.0 57.4 86.0

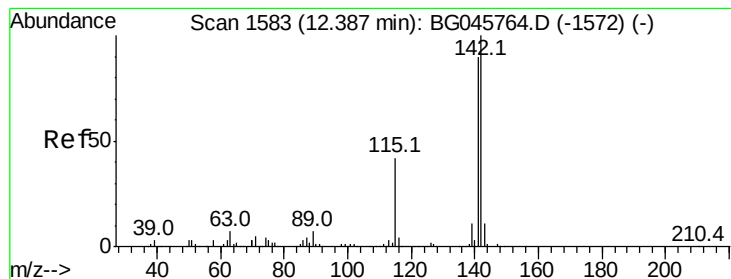


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.153 ng

RT: 12.39 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

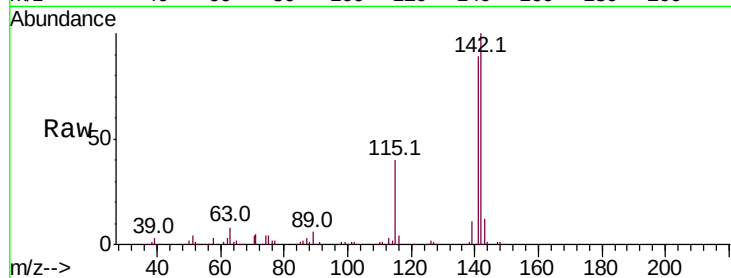
Tot Ion:142 Resp: 326568

Ion Ratio Lower Upper

142 100

141 88.7 71.7 107.5

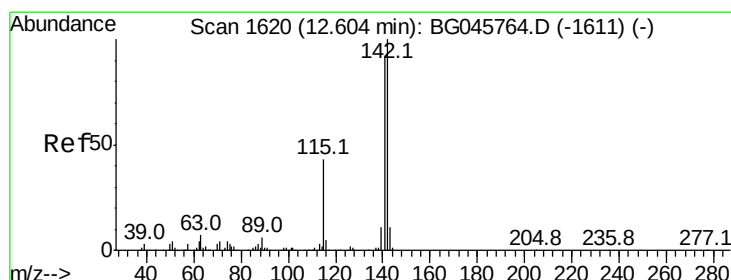
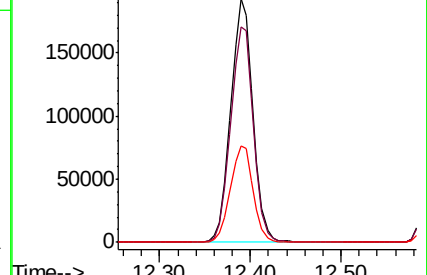
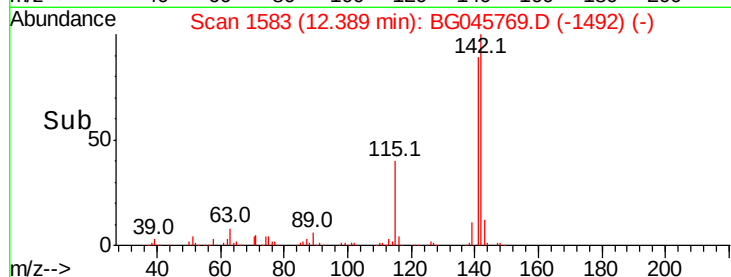
115 39.7 33.8 50.6



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: 43.653 ng

RT: 12.61 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

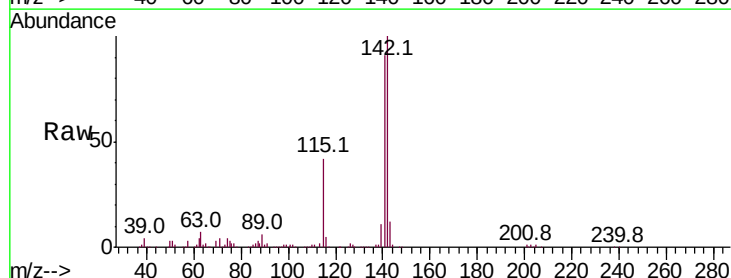
Tgt Ion:142 Resp: 312624

Ion Ratio Lower Upper

142 100

141 91.0 73.8 110.8

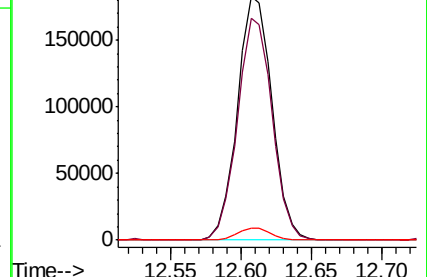
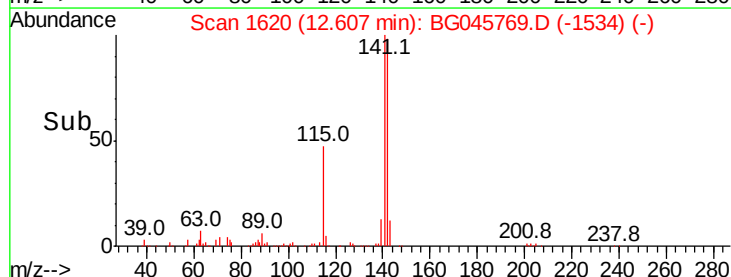
116 4.9 3.8 5.8

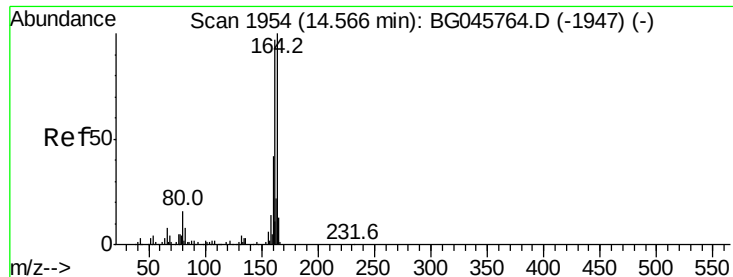


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

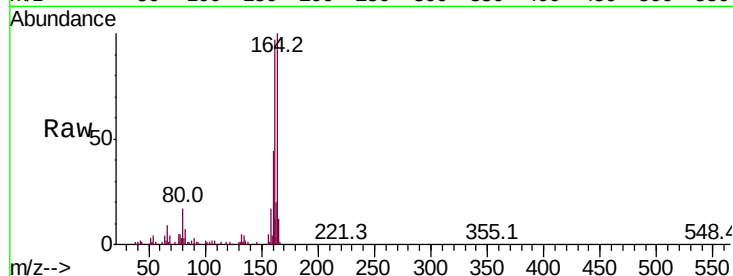
Tot Ion:164 Resp: 129400

Ion Ratio Lower Upper

164 100

162 96.9 77.4 116.0

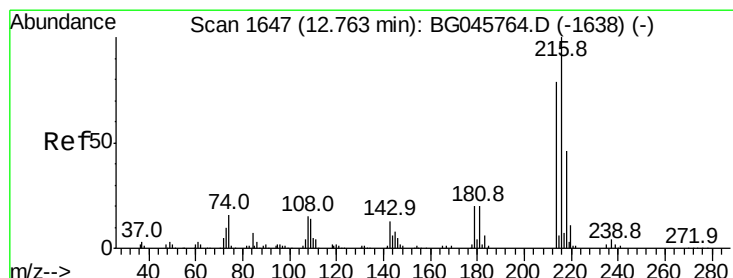
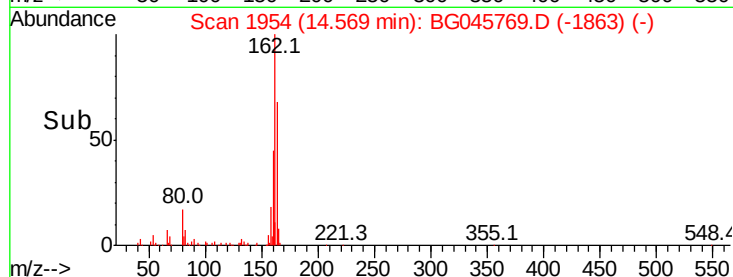
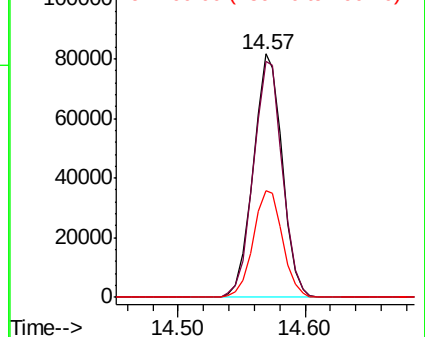
160 44.0 33.3 49.9



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: 44.139 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Tgt Ion:216 Resp: 188070

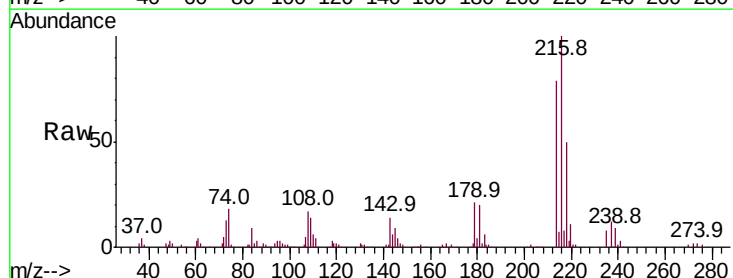
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 20.2 16.2 24.4

108 17.0 13.4 20.2

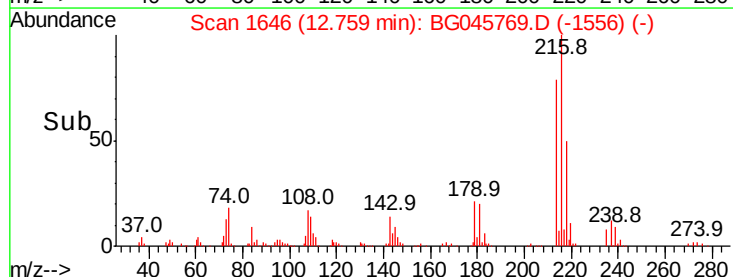
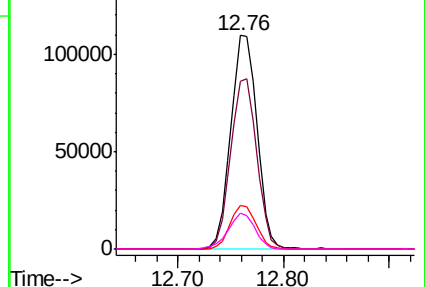


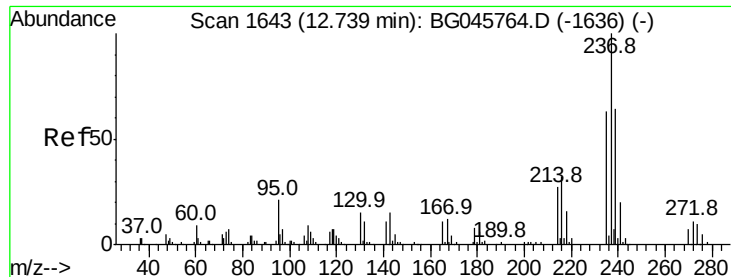
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.234 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

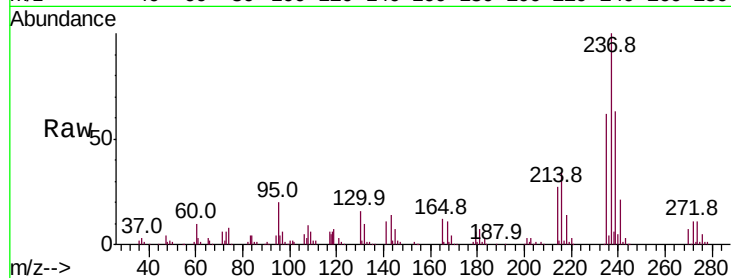
BNA_G

ClientSampleId :

ICVBG061520

Tot Ion:237 Resp: 86315

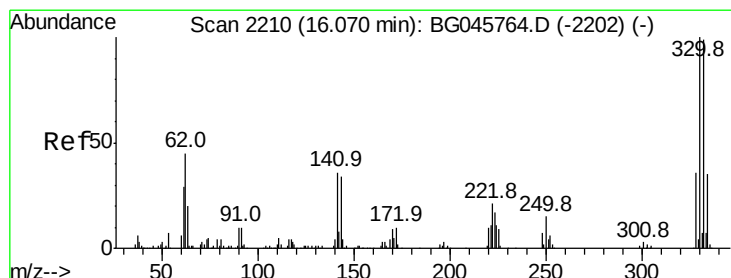
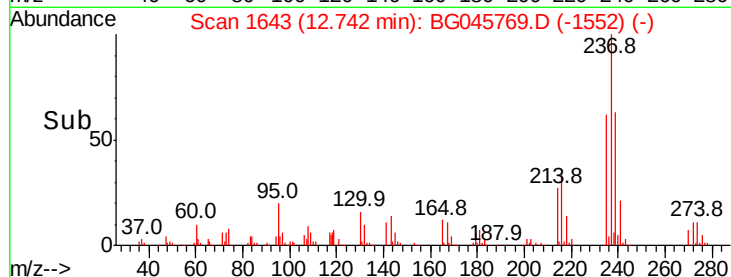
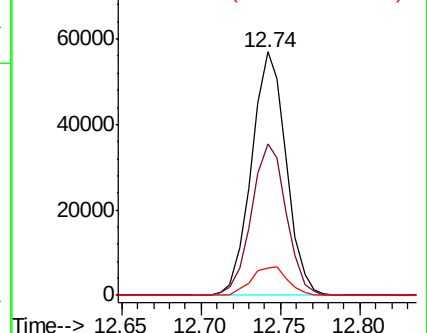
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.9	82.9
272	11.4	0.0	30.9



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: 87.509 ng

RT: 16.07 min Scan# 2210

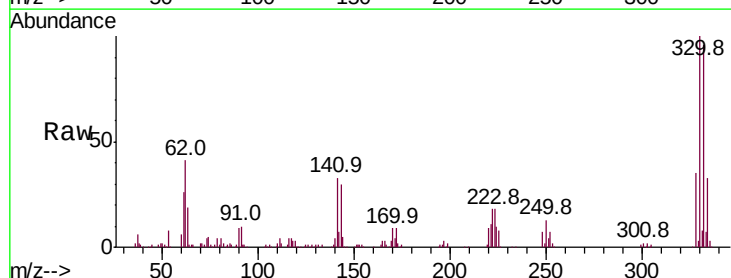
Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Tgt Ion:330 Resp: 170957

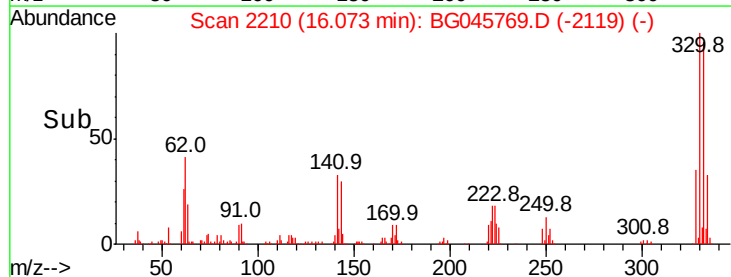
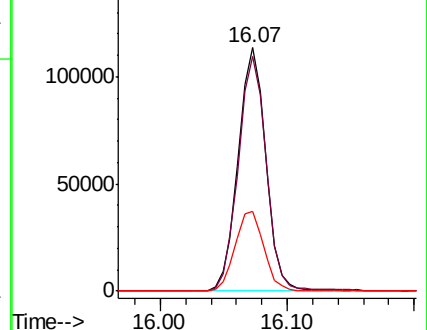
Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	34.2	28.2	42.4

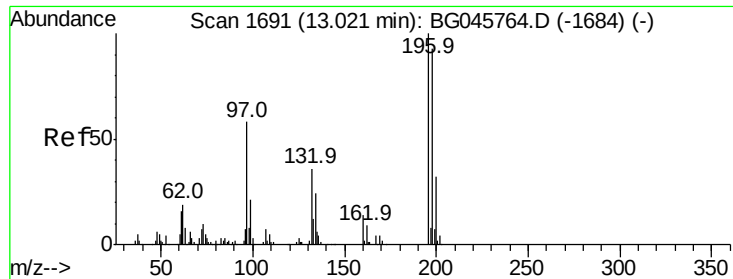


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

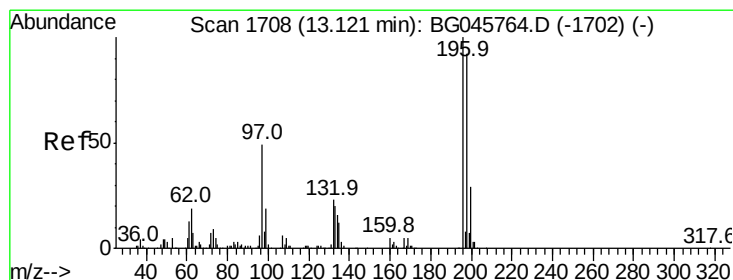
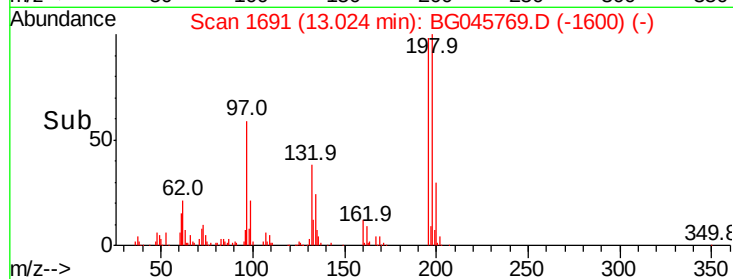
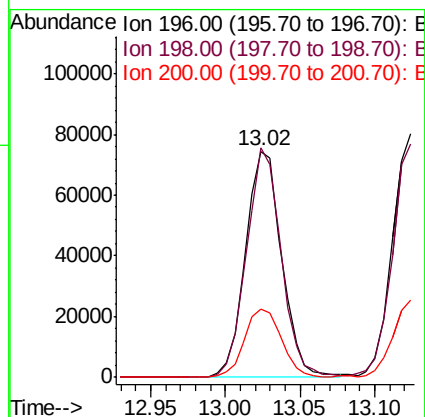
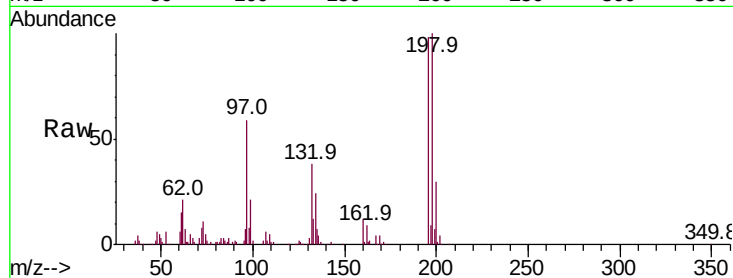




#43
 2,4,6-Trichlorophenol
 Concen: 43.161 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

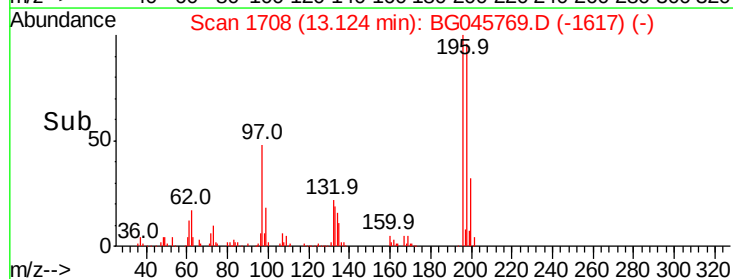
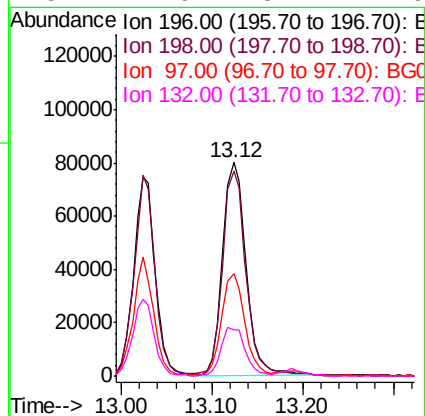
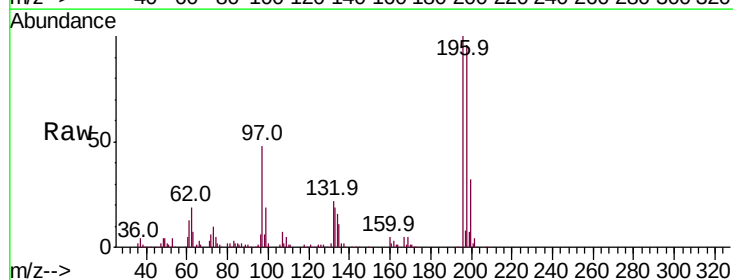
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061520

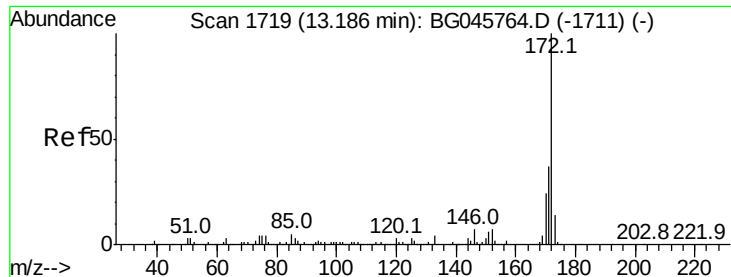
Tot Ion:196 Resp: 124687
 Ion Ratio Lower Upper
 196 100
 198 101.6 74.4 111.6
 200 30.5 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.803 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Tgt Ion:196 Resp: 144219
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.0 111.0
 97 47.9 39.0 58.6
 132 21.6 18.4 27.6

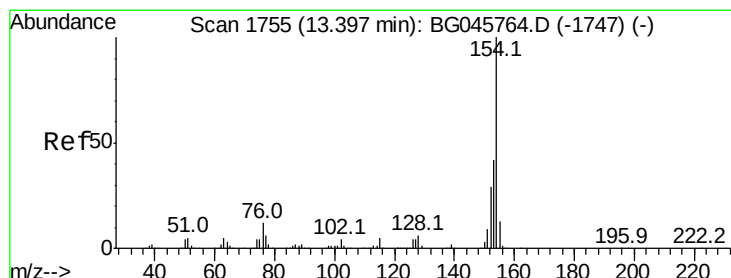
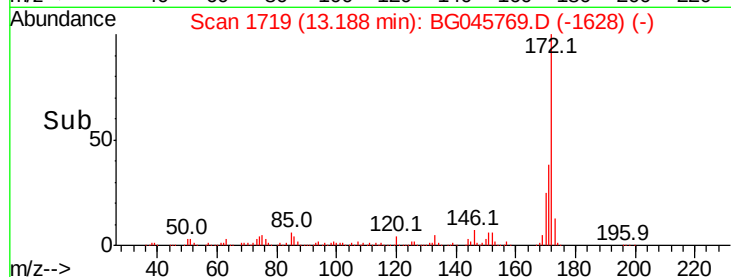
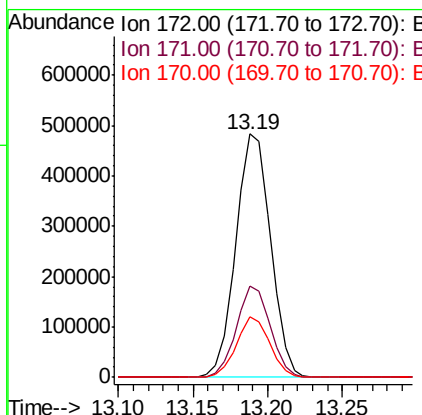
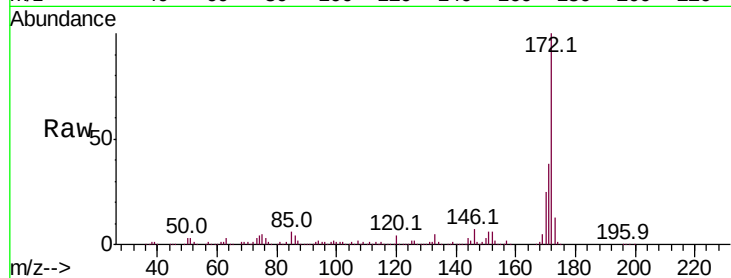




#45
2-Fluorobiphenyl
Concen: 88.763 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

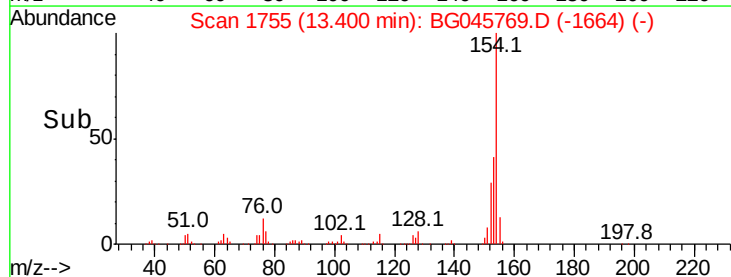
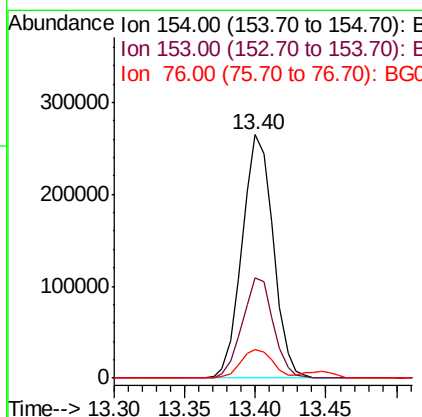
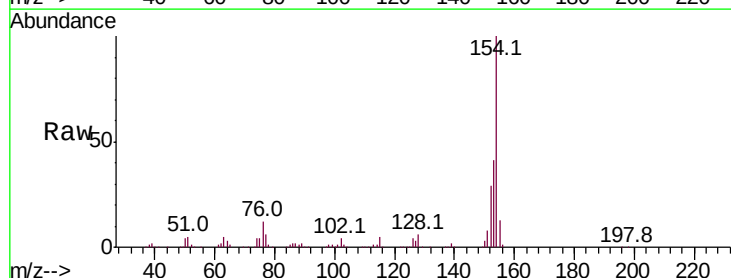
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

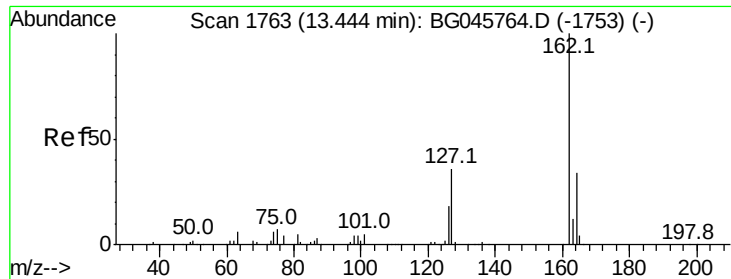
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.9	44.9
170	24.8	19.3	28.9



#46
1,1'-Biphenyl
Concen: 44.156 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.7	61.7
76	11.7	0.0	32.0

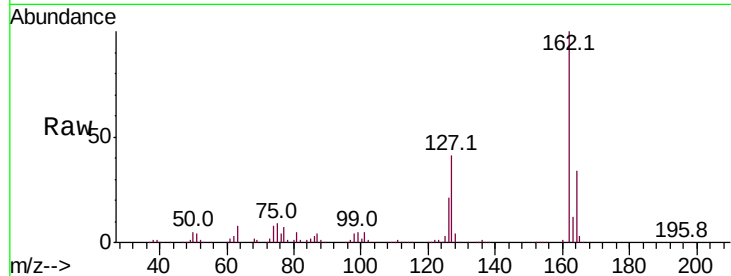




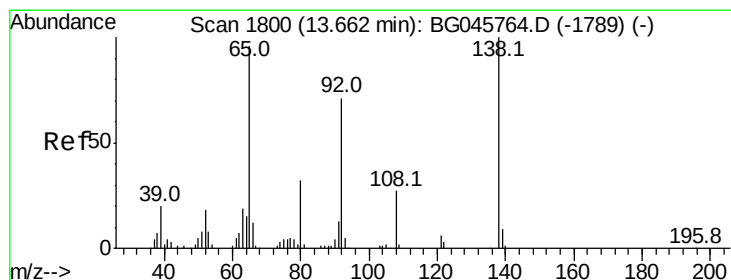
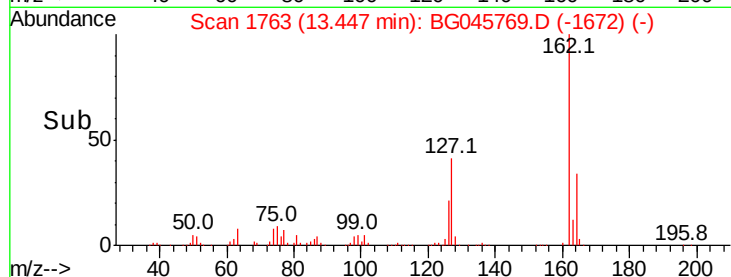
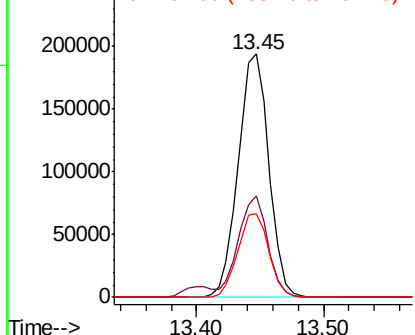
#47
 2-Chloronaphthalene
 Concen: 43.290 ng
 RT: 13.45 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061520

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	30.5	45.7
164	34.2	27.2	40.8

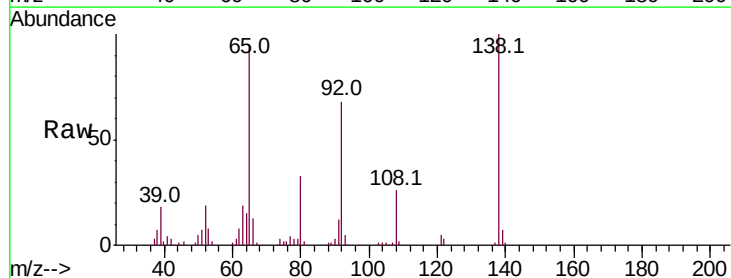


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

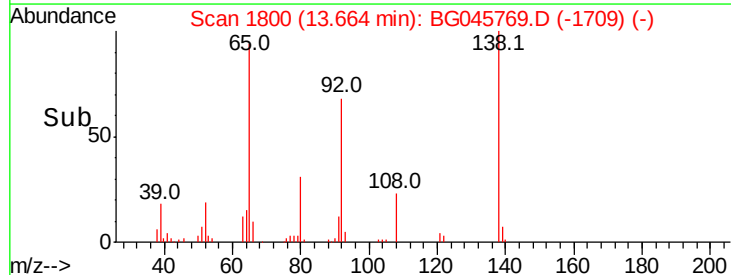
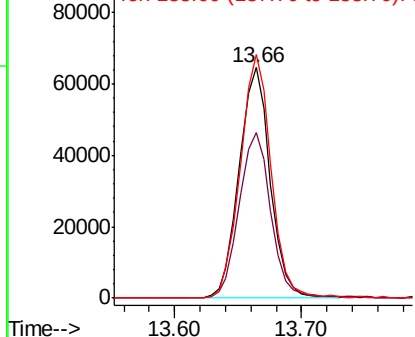


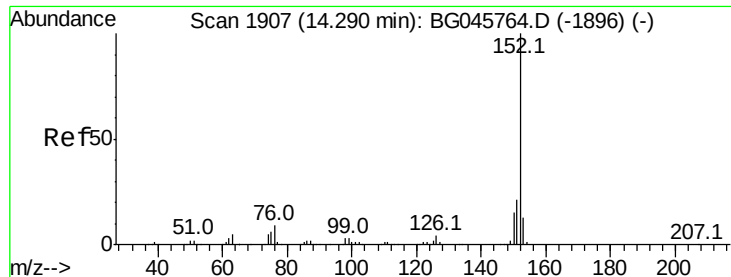
#48
 2-Nitroaniline
 Concen: 44.199 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	59.0	88.6
138	105.5	83.6	125.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.979 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

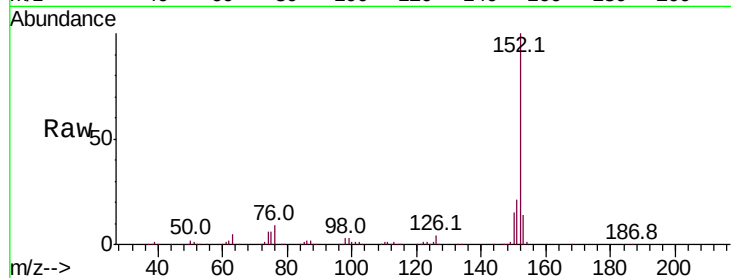
Tot Ion:152 Resp: 527165

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

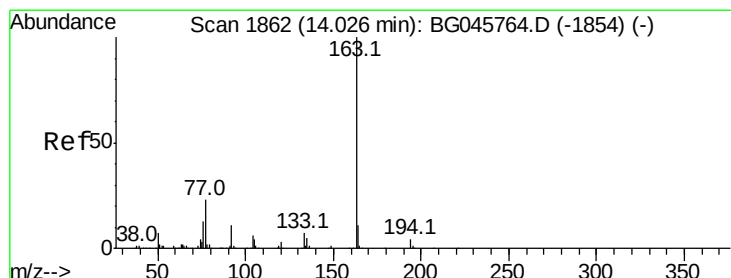
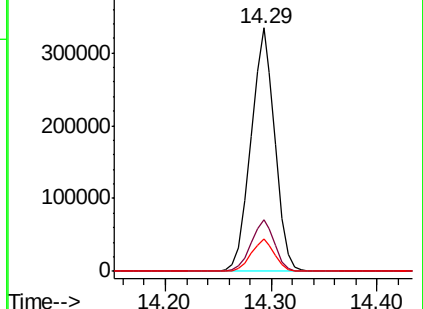
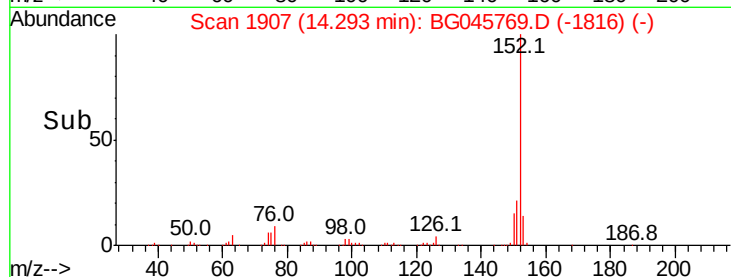
153 13.5 10.6 15.8



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: 43.353 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

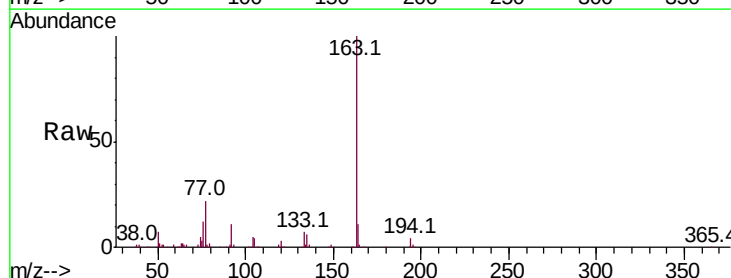
Tgt Ion:163 Resp: 439471

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

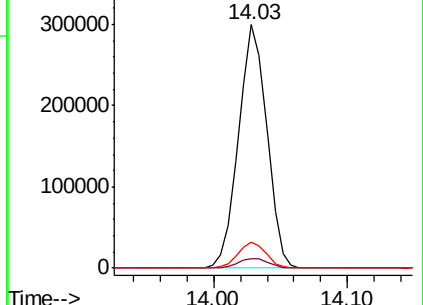
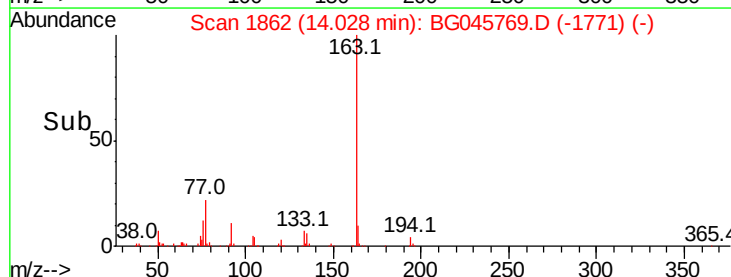
164 10.6 8.9 13.3

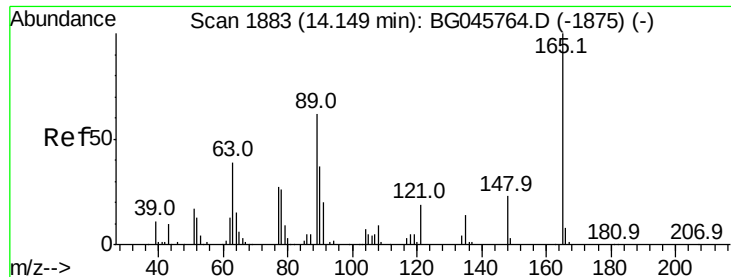


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

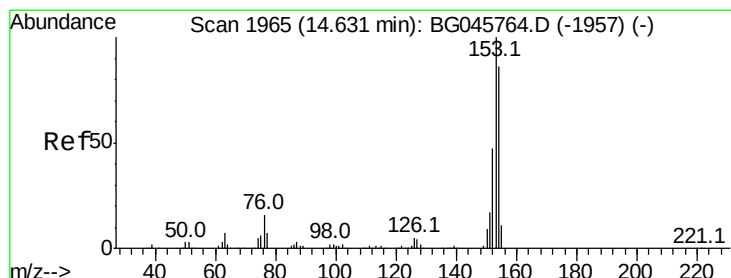
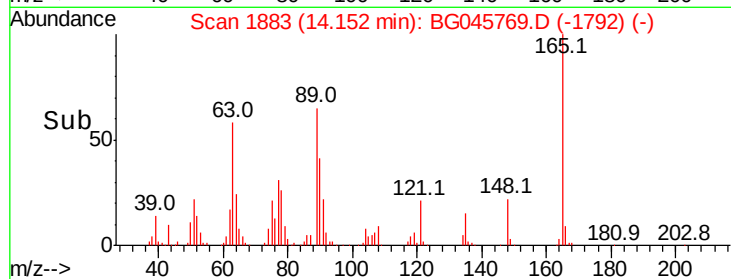
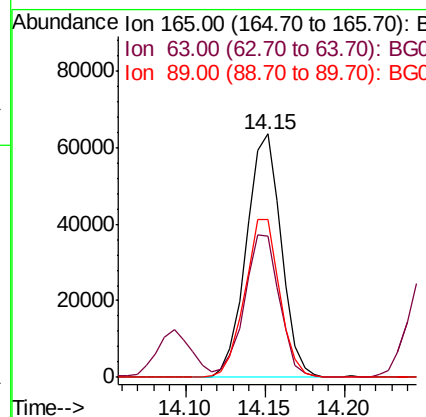
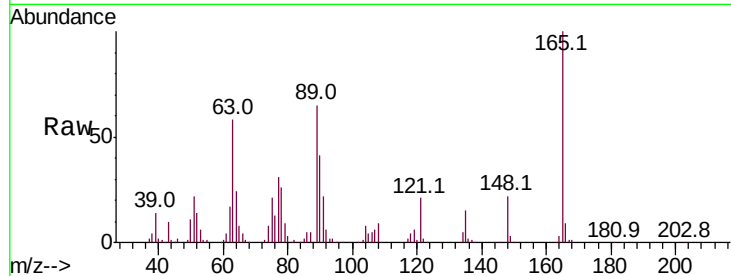




#51
 2,6-Dinitrotoluene
 Concen: 42.534 ng
 RT: 14.15 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

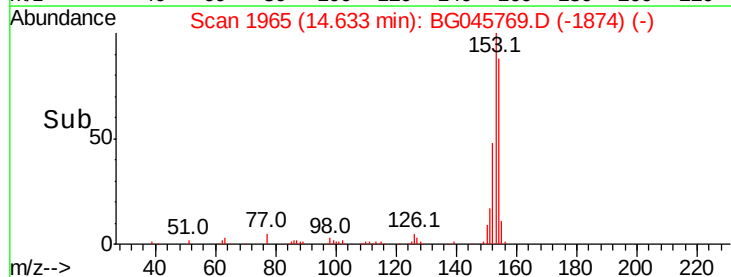
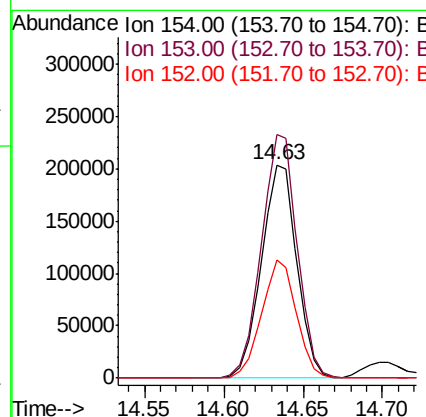
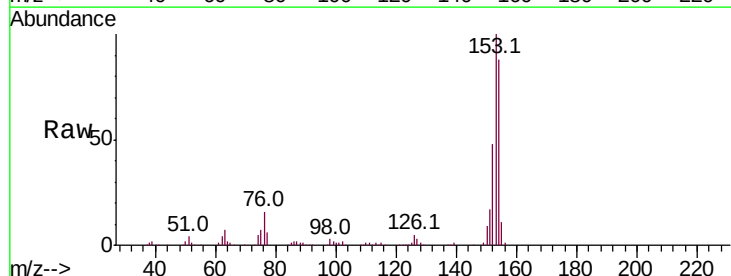
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061520

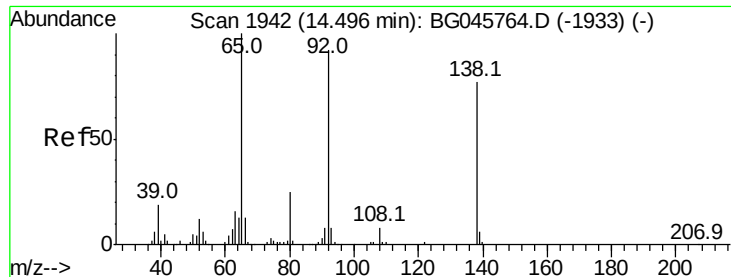
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	41.2	61.8
89	65.1	49.7	74.5



#52
 Acenaphthene
 Concen: 43.653 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	93.0	139.4
152	55.2	43.7	65.5

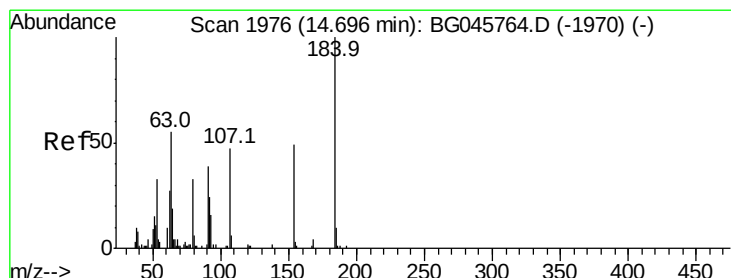
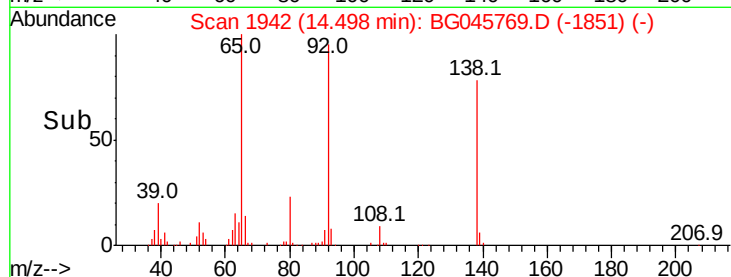
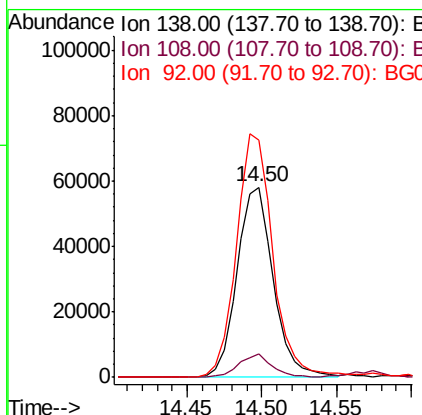
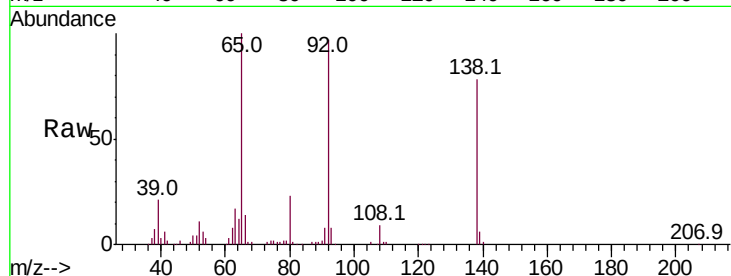




#53
 3-Nitroaniline
 Concen: 43.214 ng
 RT: 14.50 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

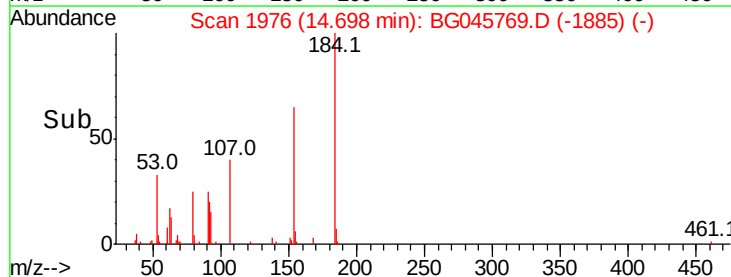
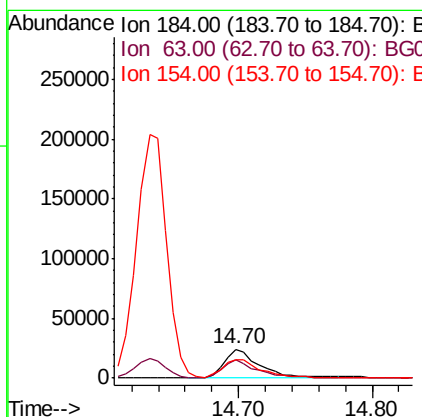
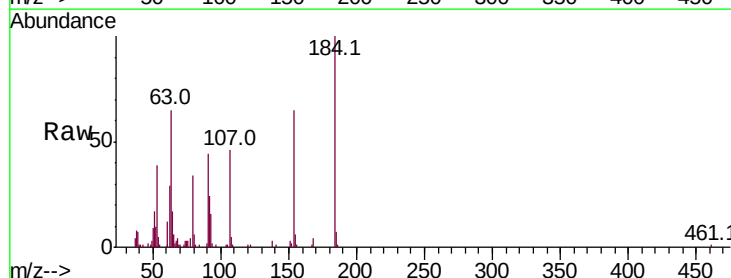
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061520

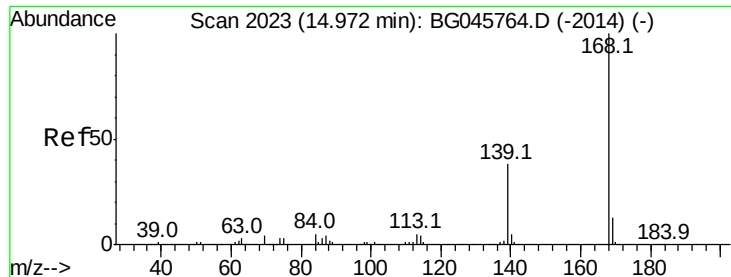
Tot Ion:138 Resp: 98278
 Ion Ratio Lower Upper
 138 100
 108 12.0 8.4 12.6
 92 124.9 95.6 143.4



#54
 2,4-Dinitrophenol
 Concen: 40.762 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Tgt Ion:184 Resp: 44662
 Ion Ratio Lower Upper
 184 100
 63 64.5 46.6 70.0
 154 65.3 58.6 87.8

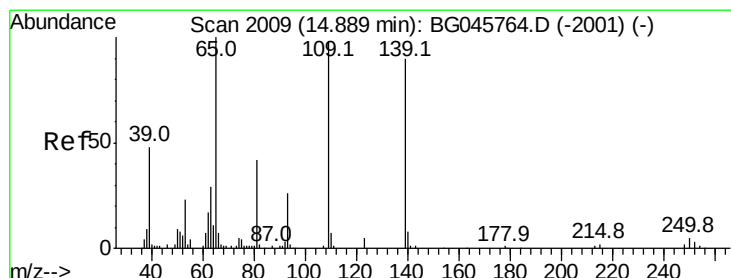
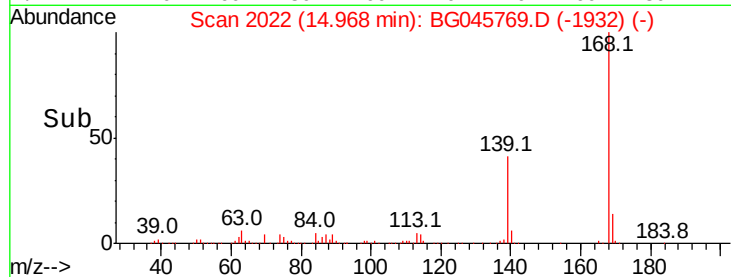
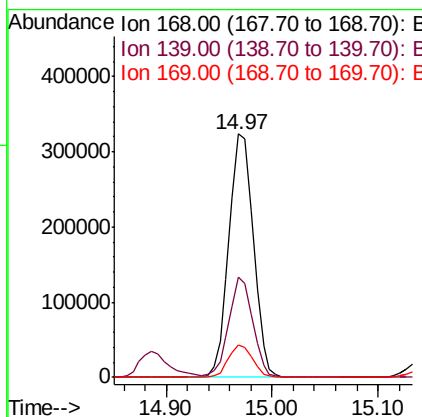
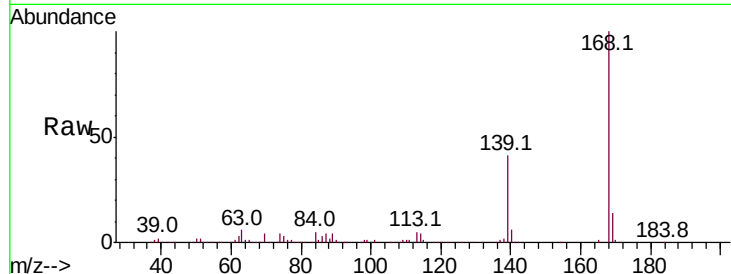




#55
Dibenzofuran
Concen: 44.047 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

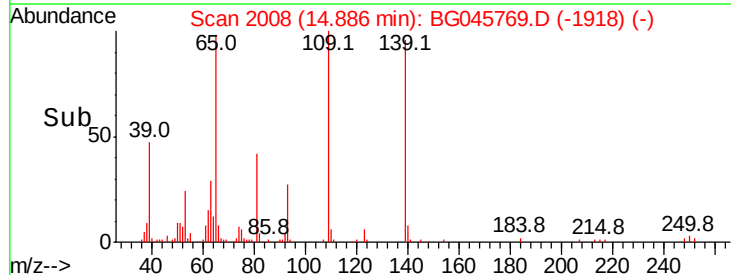
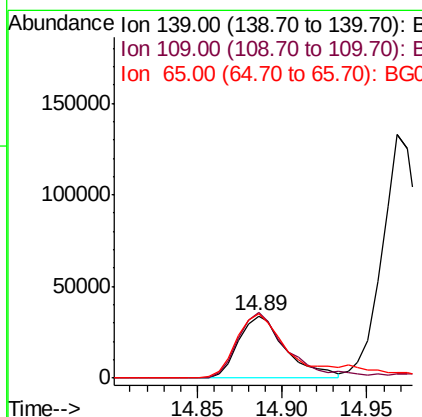
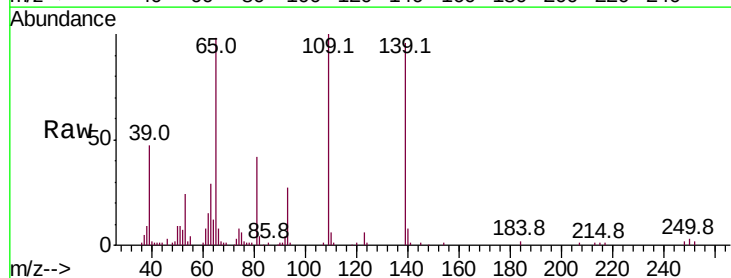
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

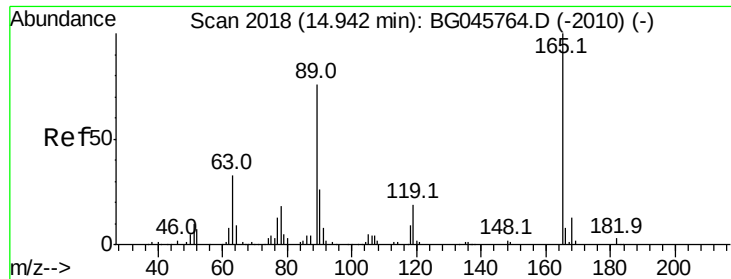
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.8	47.6
169	13.6	10.4	15.6



#56
4-Nitrophenol
Concen: 42.415 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.2	88.9	128.9
65	102.1	92.3	132.3

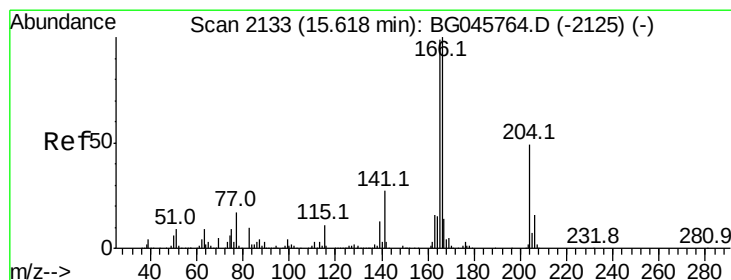
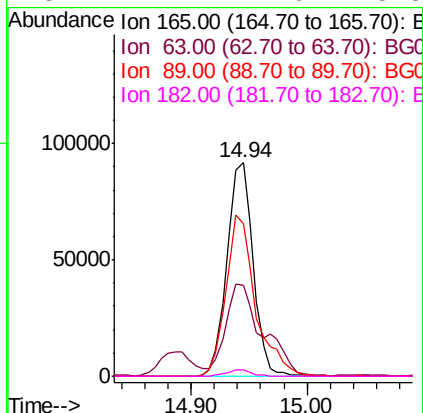
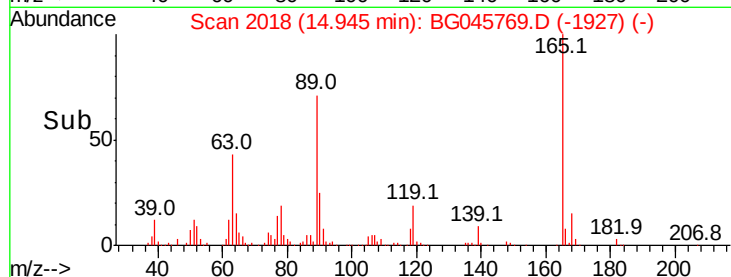
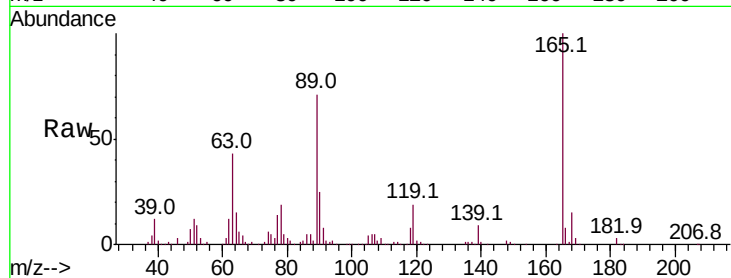




#57
 2,4-Dinitrotoluene
 Concen: 44.156 ng
 RT: 14.94 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

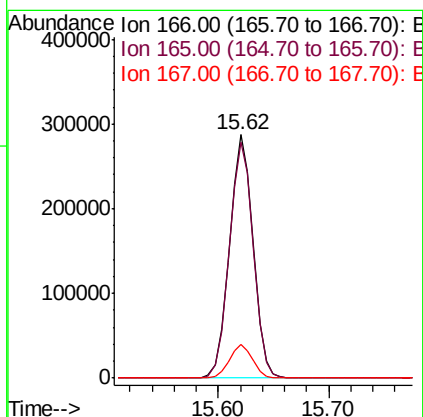
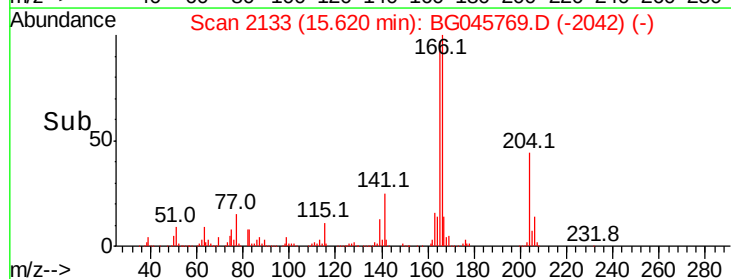
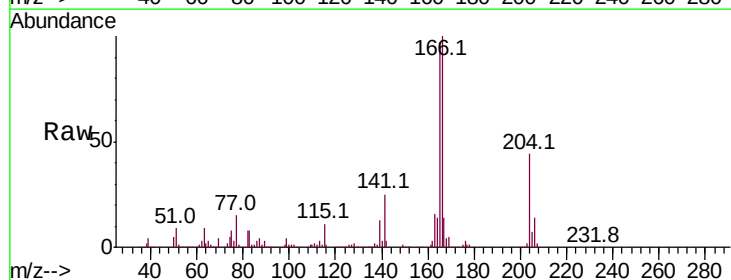
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061520

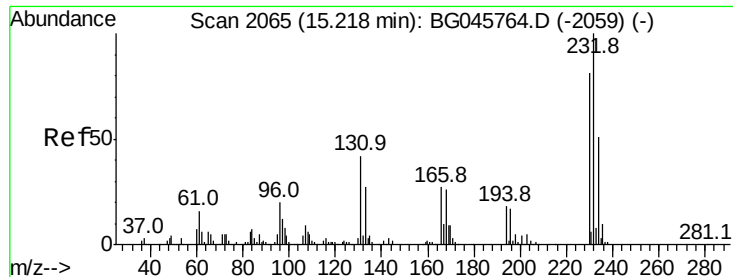
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.8	50.8
89	71.5	60.4	90.6
182	2.7	2.6	3.8



#58
 Fluorene
 Concen: 43.889 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.1	118.7
167	14.1	11.5	17.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.042 ng

RT: 15.22 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

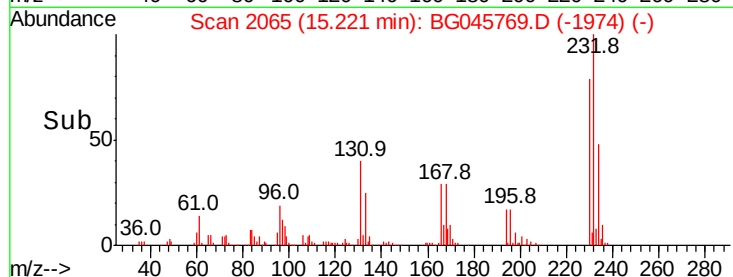
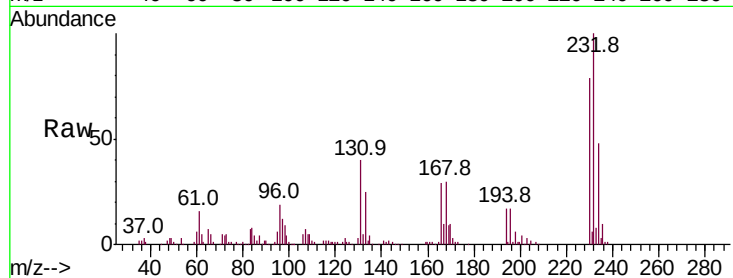
BNA_G

ClientSampleId :

ICVBG061520

Tot Ion:232 Resp: 125857

Ion	Ratio	Lower	Upper
232	100		
131	39.4	32.2	48.2
130	2.5	2.2	3.4
166	29.7	21.3	31.9

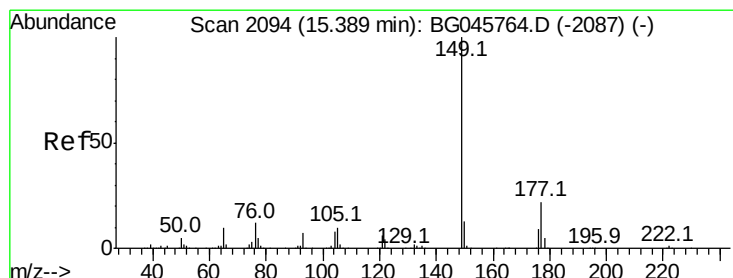


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.298 ng

RT: 15.39 min Scan# 2094

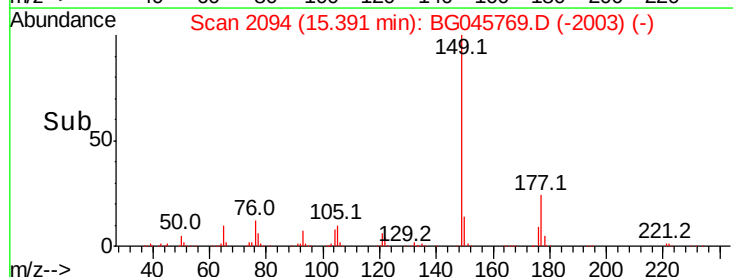
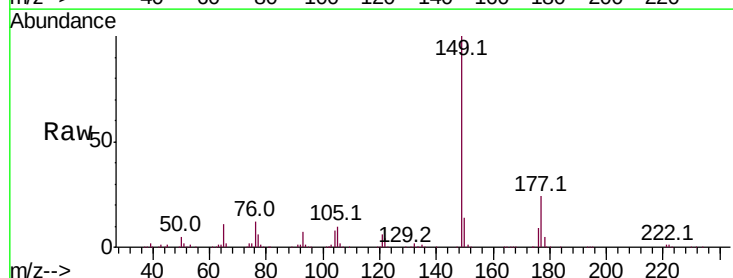
Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Tgt Ion:149 Resp: 448698

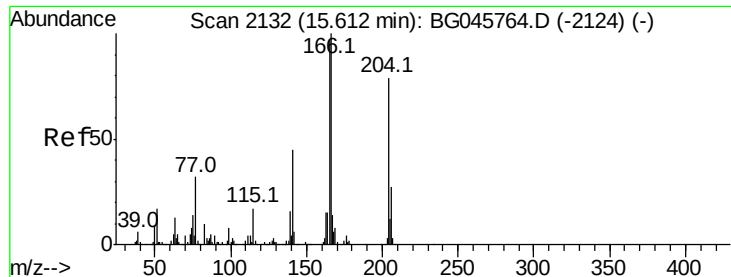
Ion	Ratio	Lower	Upper
149	100		
177	23.5	17.2	25.8
150	13.5	10.7	16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

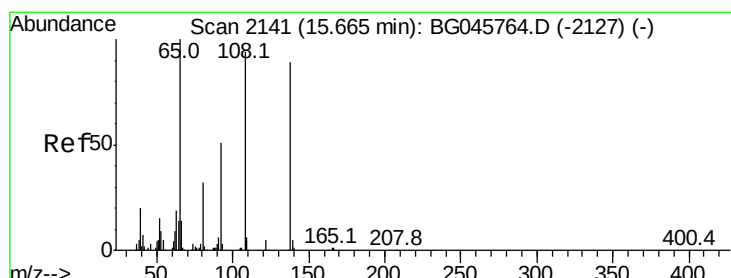
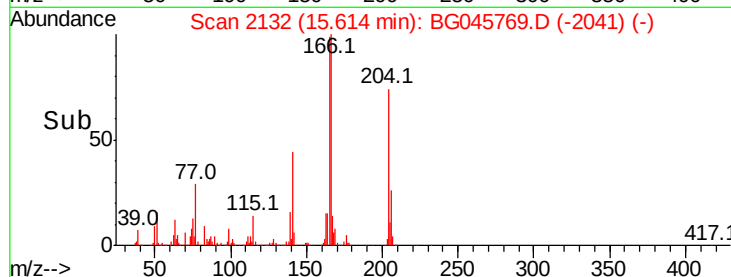
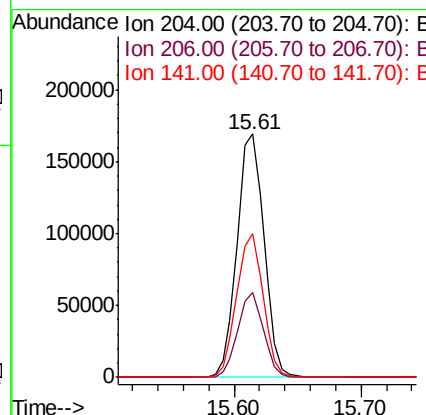
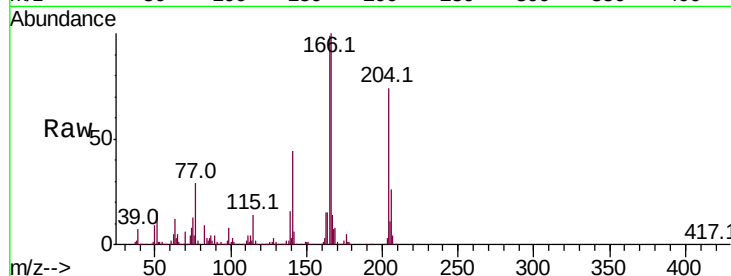
Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 43.856 ng
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

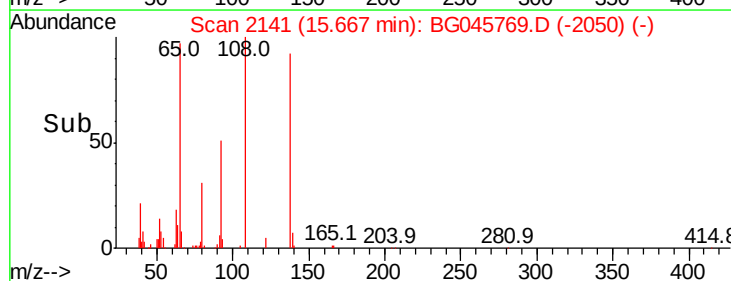
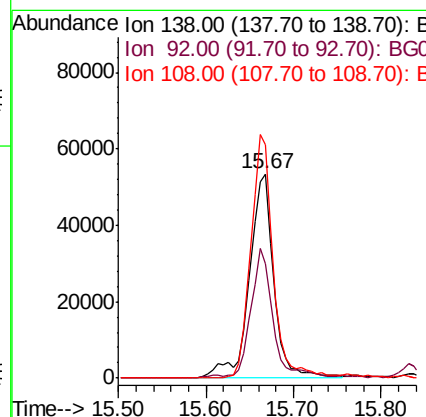
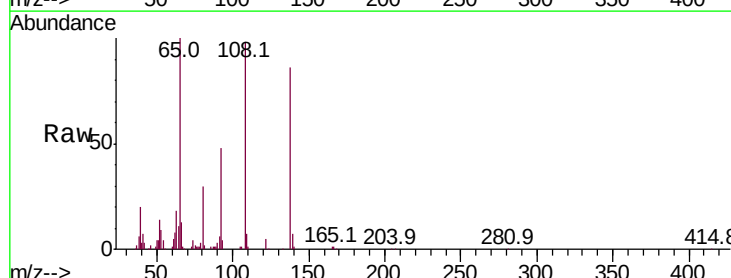
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

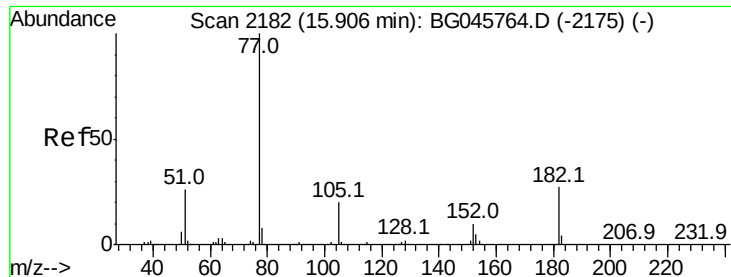
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.2	40.8
141	59.3	45.9	68.9



#62
4-Nitroaniline
Concen: 43.616 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	37.3	77.3
108	114.4	85.0	125.0

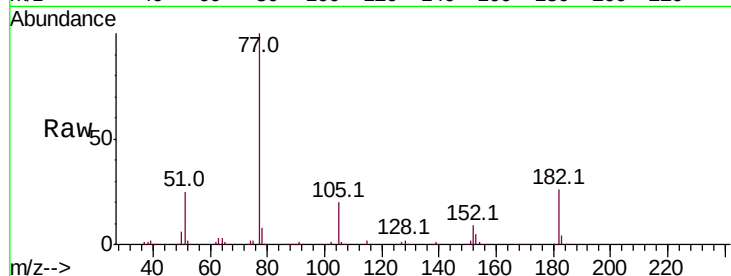




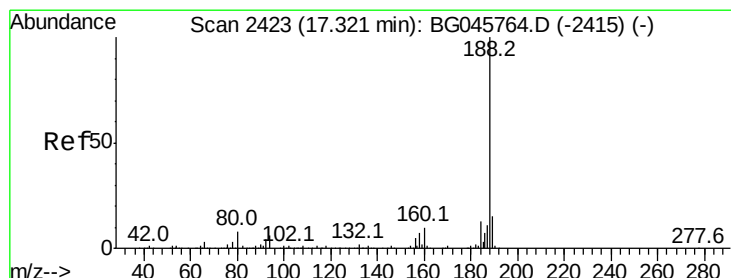
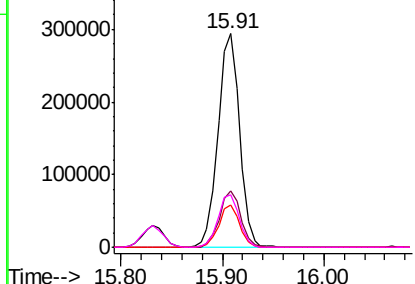
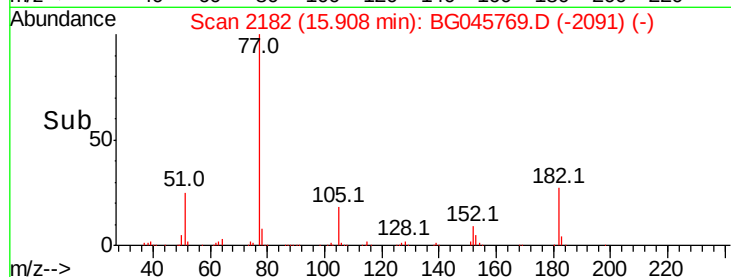
#63
Azobenzene
Concen: 43.374 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
ICVBG061520

Tot Ion:	77	Resp:	431586
Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.4	47.4
105	19.7	0.1	40.1
51	24.7	5.7	45.7

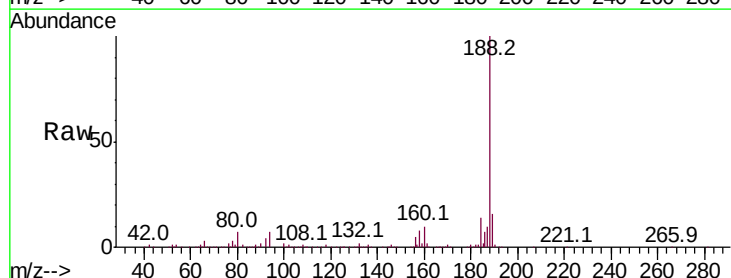


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

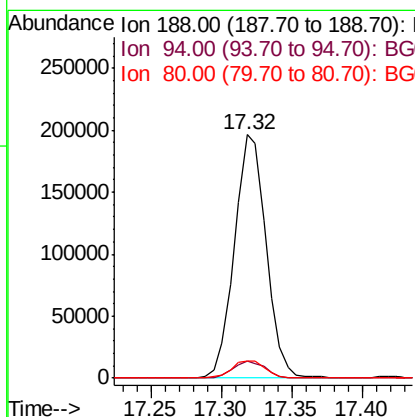
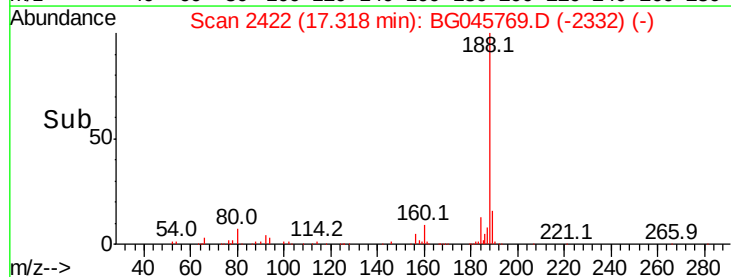


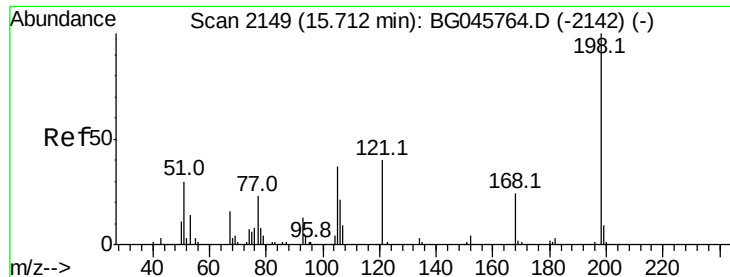
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion:	188	Resp:	307445
Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.1	7.7
80	7.3	6.2	9.4



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: 42.850 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

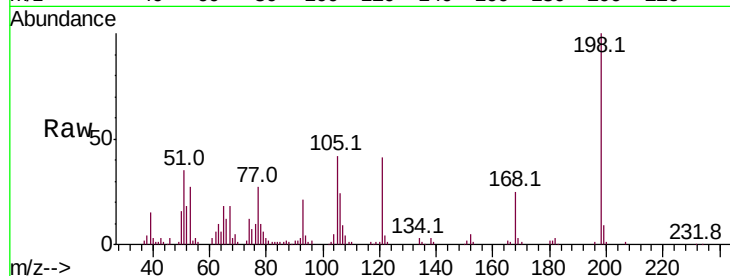
Tot Ion:198 Resp: 81415

Ion	Ratio	Lower	Upper
198	100		
51	35.3	14.6	54.6
105	42.1	18.4	58.4

198 100

51 35.3 14.6 54.6

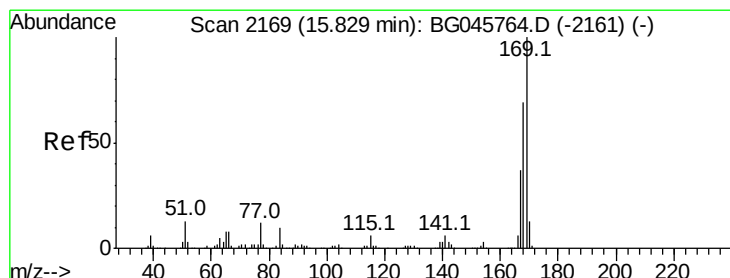
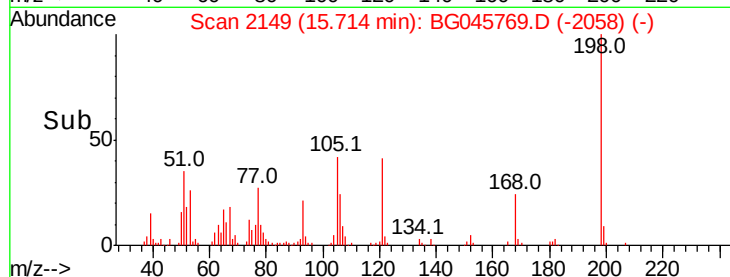
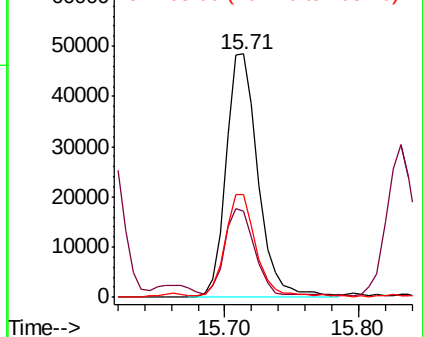
105 42.1 18.4 58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.454 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

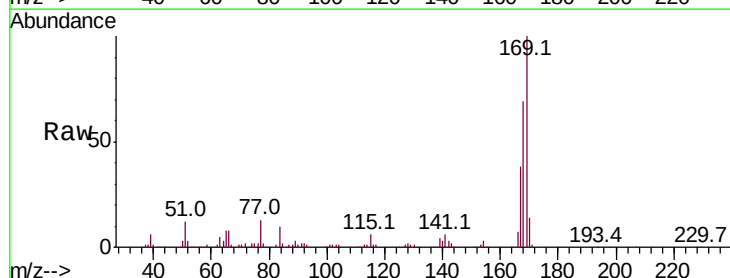
Tgt Ion:169 Resp: 369690

Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.2	82.8
167	37.9	29.8	44.6

169 100

168 69.4 55.2 82.8

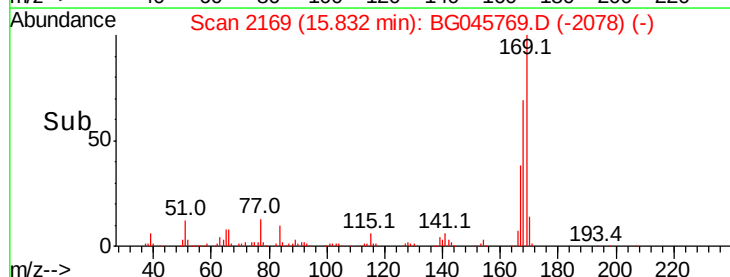
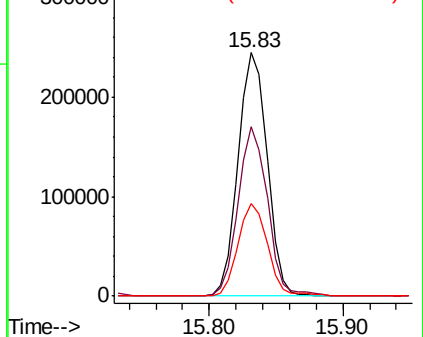
167 37.9 29.8 44.6

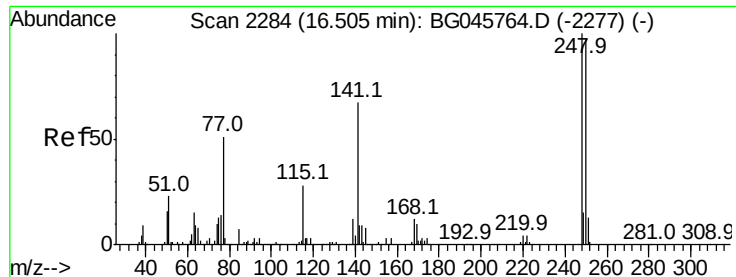


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

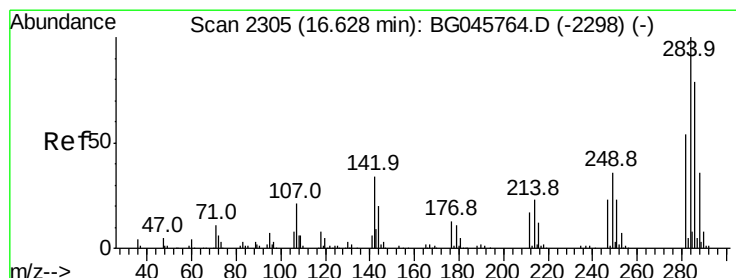
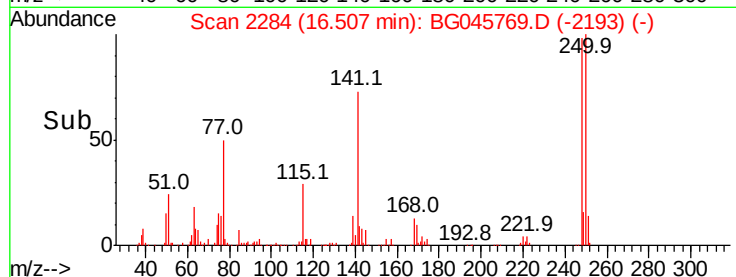
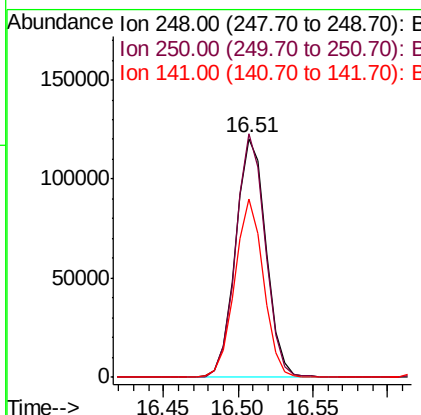
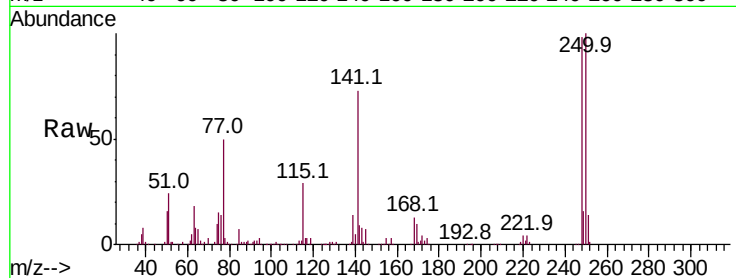




#67
4-Bromophenyl-phenylether
Concen: 42.745 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

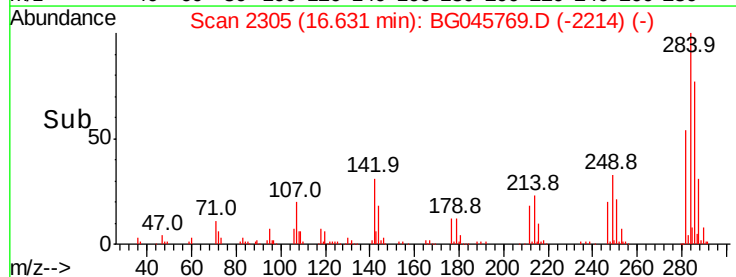
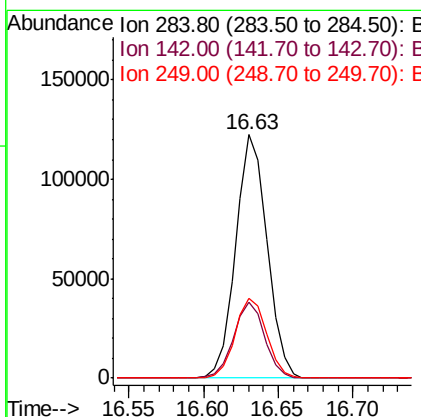
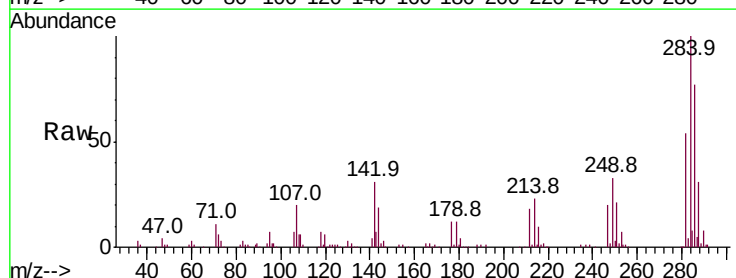
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

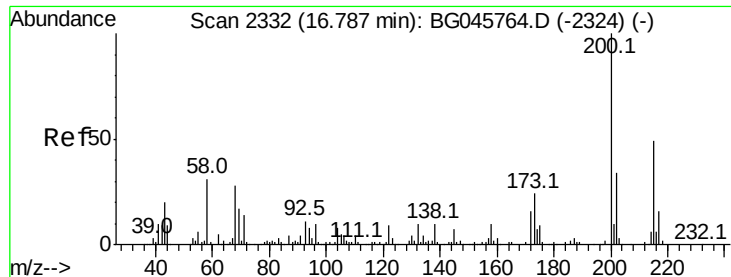
Tot Ion	Ratio	Lower	Upper
248	100		
250	102.0	78.0	117.0
141	74.8	53.9	80.9



#68
Hexachlorobenzene
Concen: 43.096 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.9	40.3
249	32.8	28.6	42.8

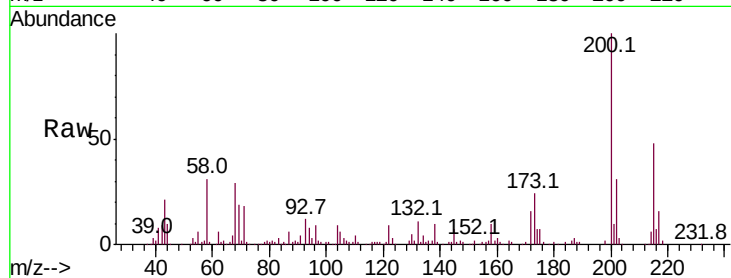




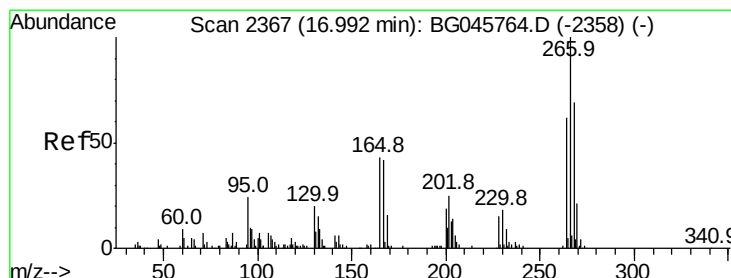
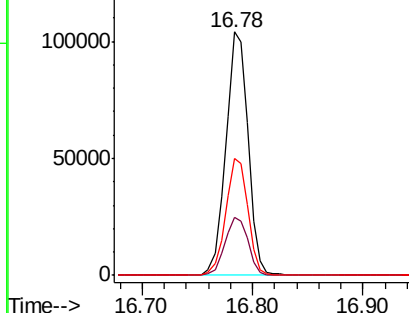
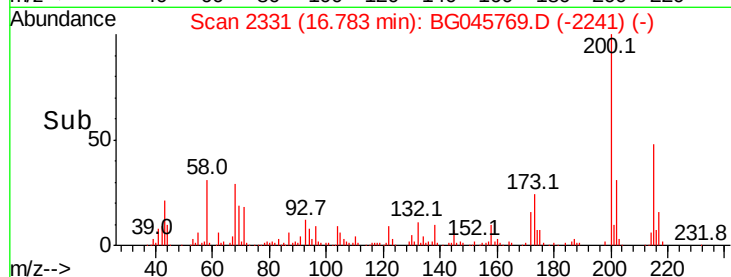
#69
Atrazine
Concen: 43.412 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
ICVBG061520

Tot Ion:200 Resp: 146694
Ion Ratio Lower Upper
200 100
173 24.1 3.9 43.9
215 48.2 28.8 68.8

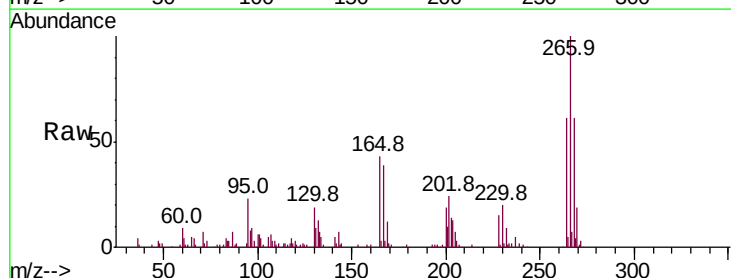


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

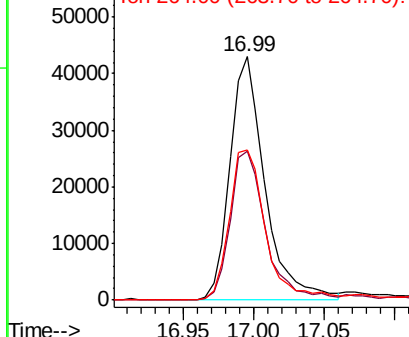
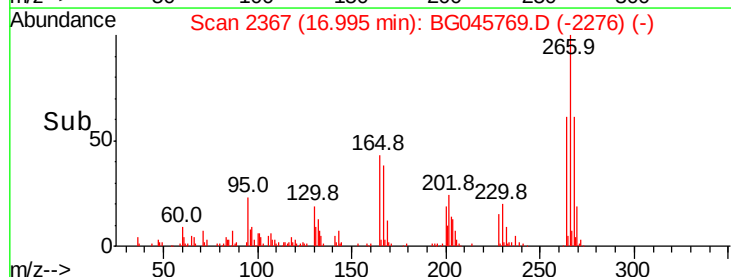


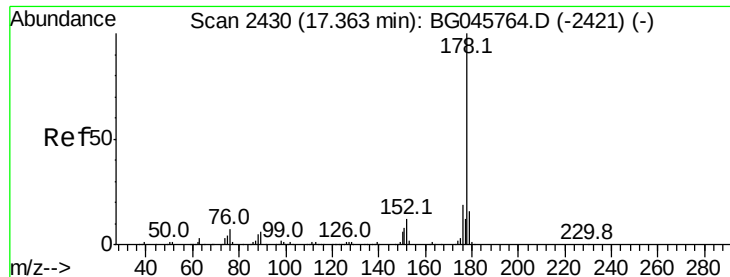
#70
Pentachlorophenol
Concen: 40.641 ng
RT: 16.99 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion:266 Resp: 74548
Ion Ratio Lower Upper
266 100
268 61.0 55.4 83.0
264 61.5 49.8 74.6



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

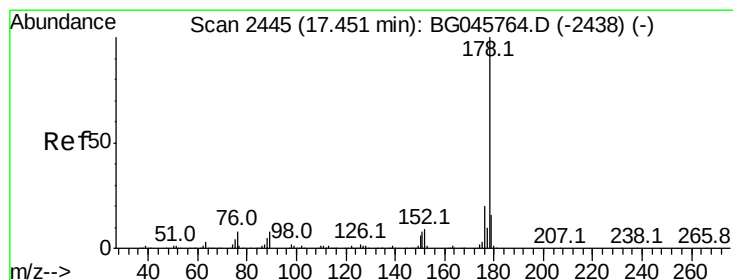
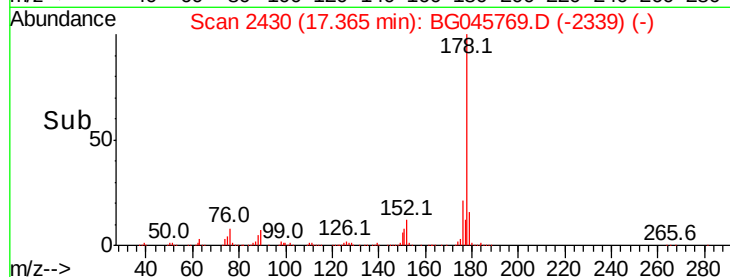
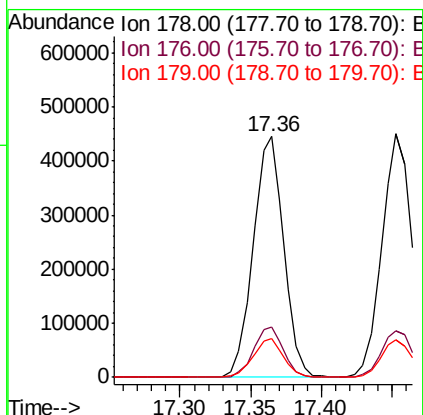
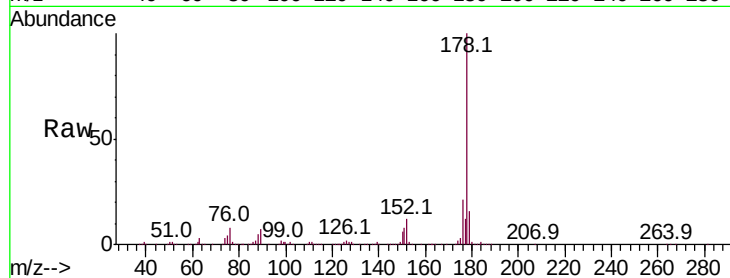




#71
Phenanthrene
Concen: 42.619 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

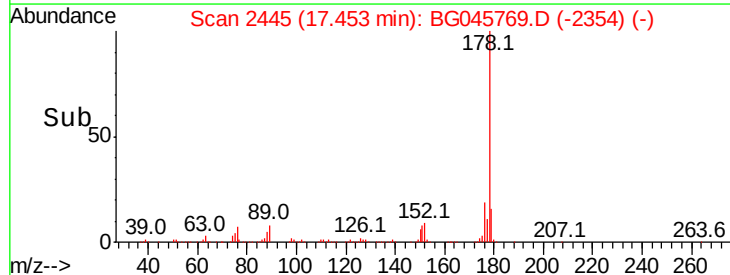
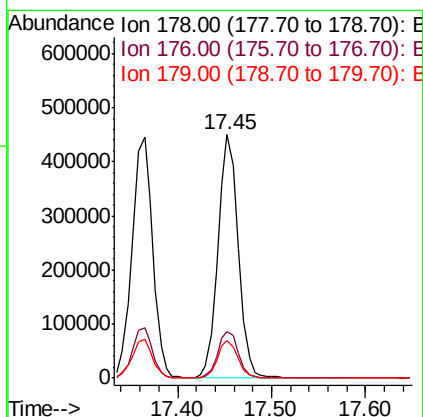
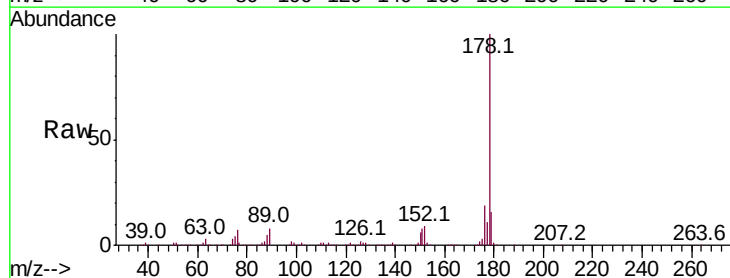
Instrument :
BNA_G
ClientSampleId :
ICVBG061520

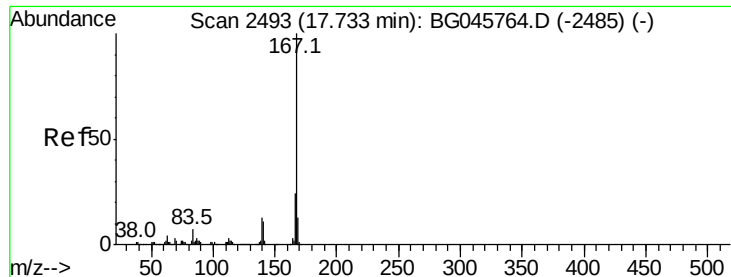
Tot Ion:178 Resp: 675773
Ion Ratio Lower Upper
178 100
176 21.1 15.5 23.3
179 16.4 13.2 19.8



#72
Anthracene
Concen: 42.863 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045769.D
Acq: 15 Jun 2020 17:39

Tgt Ion:178 Resp: 676783
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.6 13.1 19.7





#73

Carbazole

Concen: 42.776 ng

RT: 17.73 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

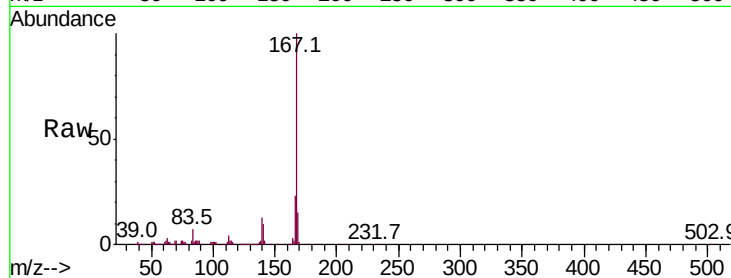
Tot Ion:167 Resp: 643105

Ion Ratio Lower Upper

167 100

166 23.3 18.9 28.3

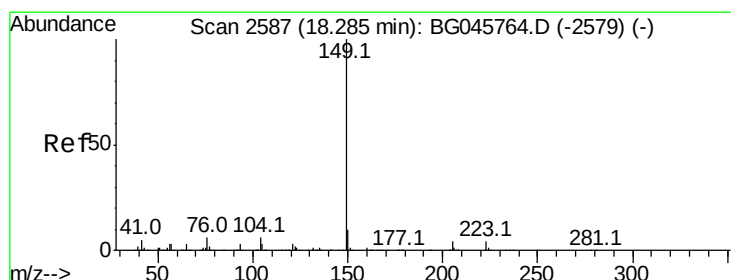
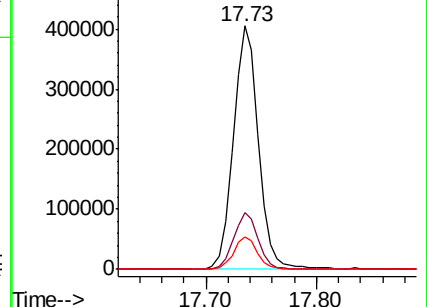
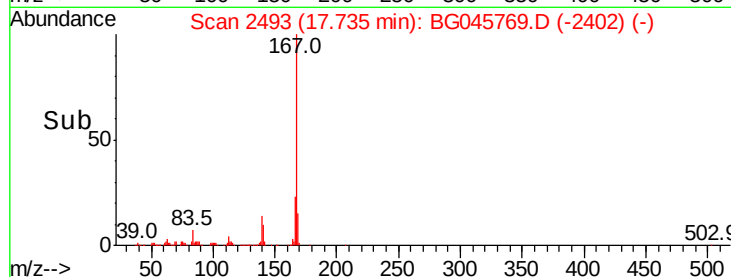
139 13.5 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.761 ng

RT: 18.29 min Scan# 2587

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

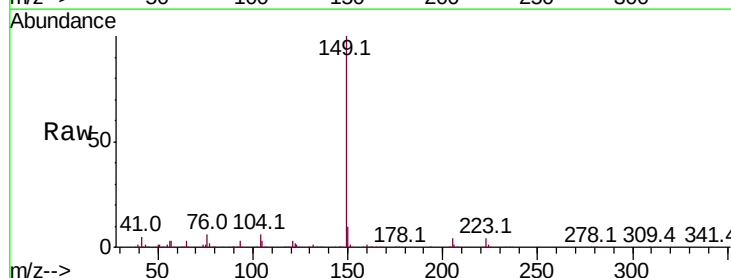
Tgt Ion:149 Resp: 761199

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

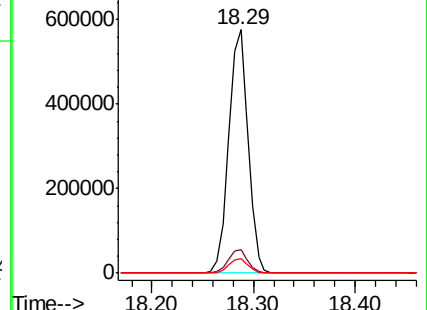
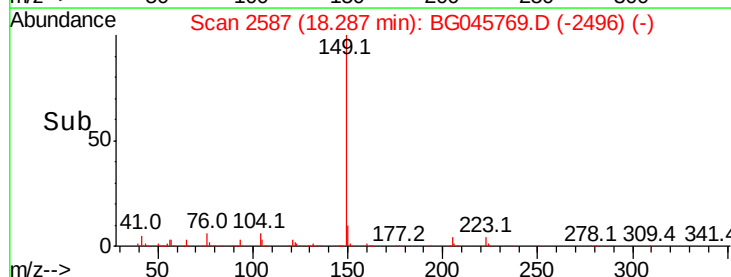
104 6.0 5.1 7.7

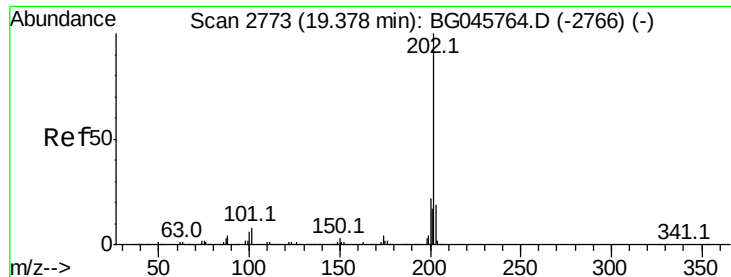


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.094 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

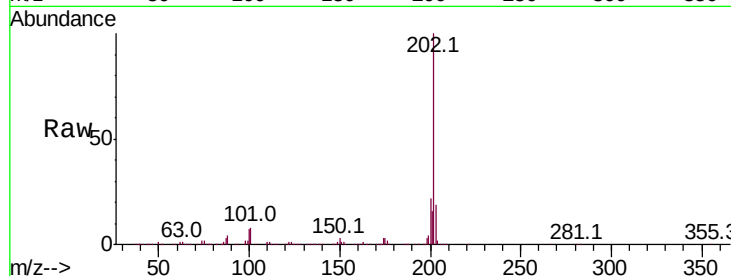
Tot Ion:202 Resp: 840229

Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.7

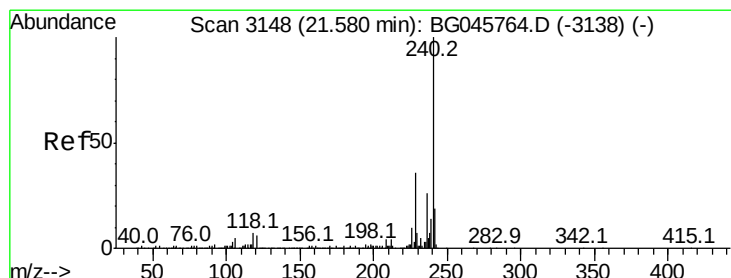
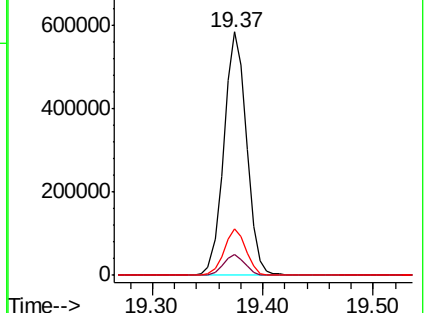
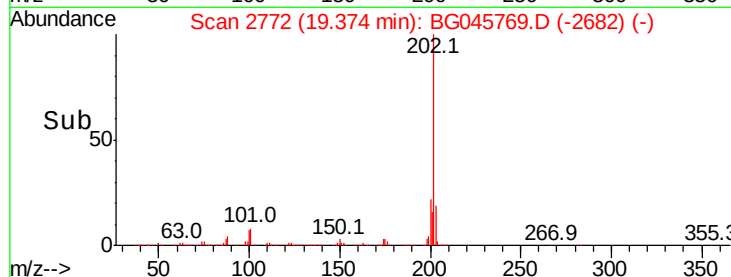
203 19.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

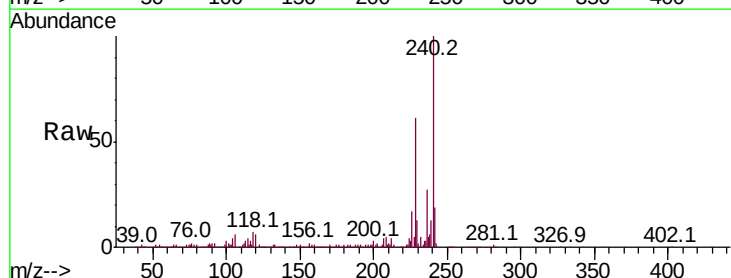
Tgt Ion:240 Resp: 284236

Ion Ratio Lower Upper

240 100

120 5.8 5.0 7.4

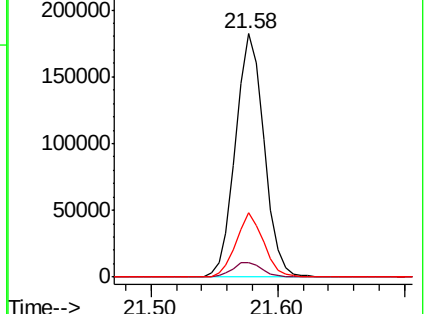
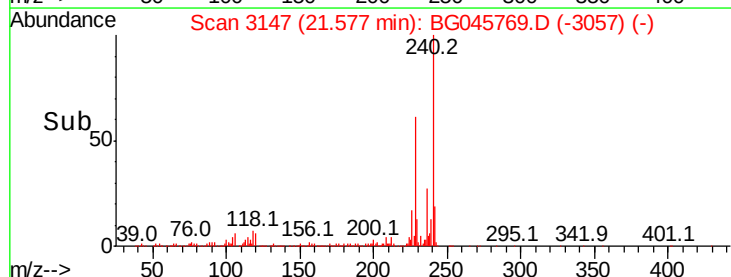
236 26.7 20.6 30.8

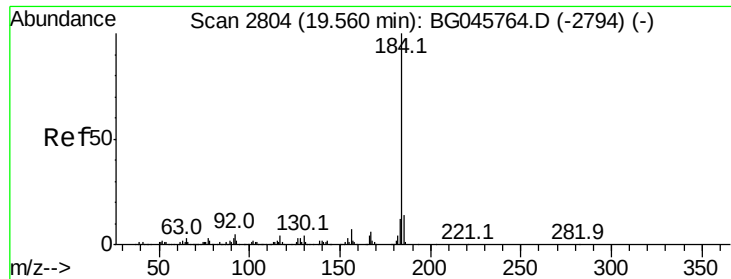


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.988 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

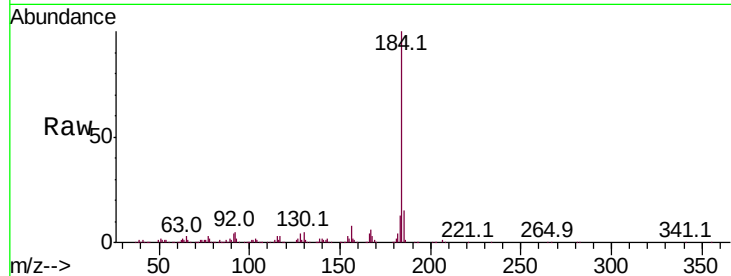
Tot Ion:184 Resp: 302873

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.1	16.7
183	12.8	9.7	14.5

184 100

185 14.8 11.1 16.7

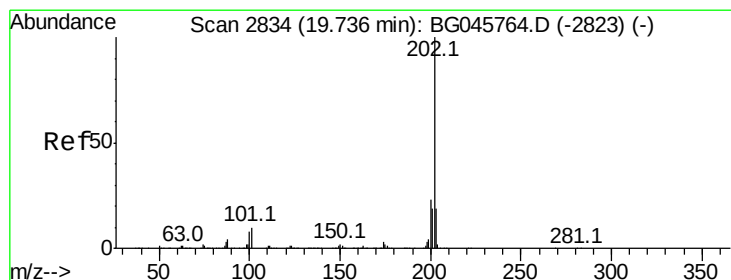
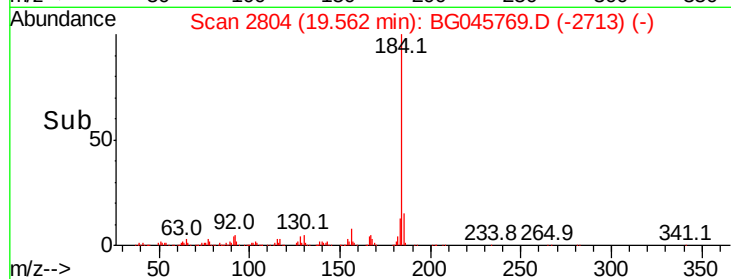
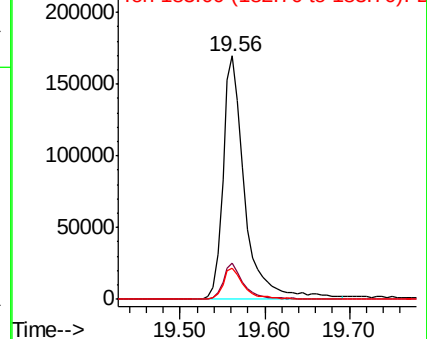
183 12.8 9.7 14.5



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: 44.166 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

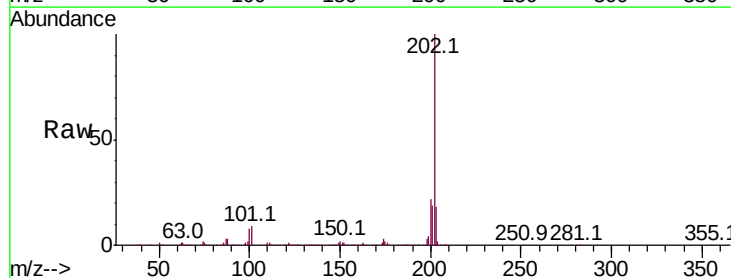
Tgt Ion:202 Resp: 840644

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.2
203	18.2	14.8	22.2

202 100

200 22.4 18.2 27.2

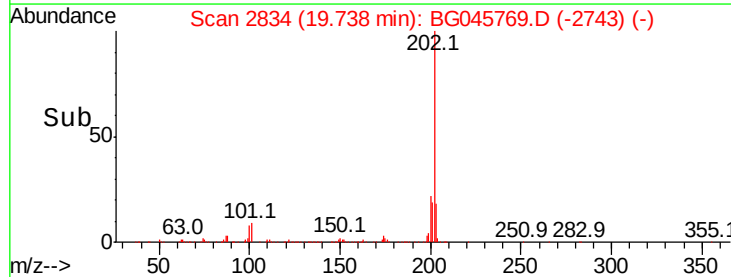
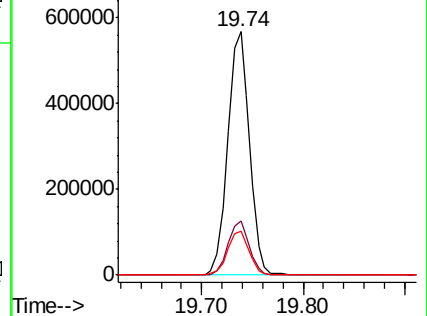
203 18.2 14.8 22.2

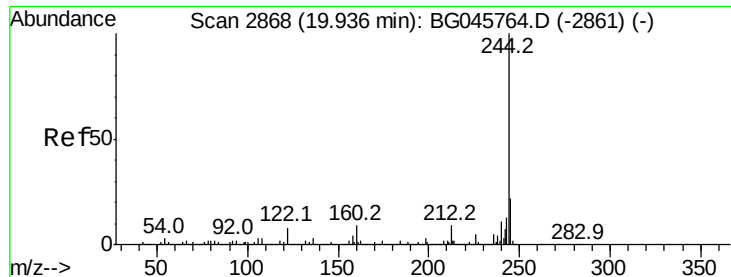


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.494 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

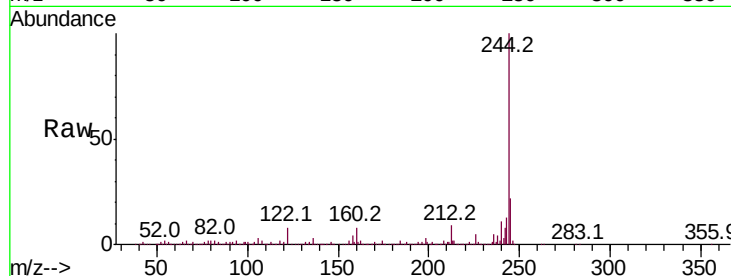
Tot Ion:244 Resp: 1255184

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

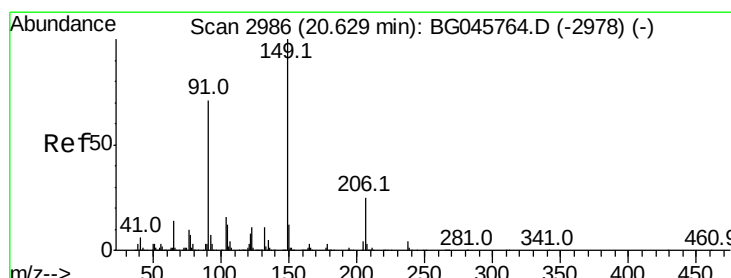
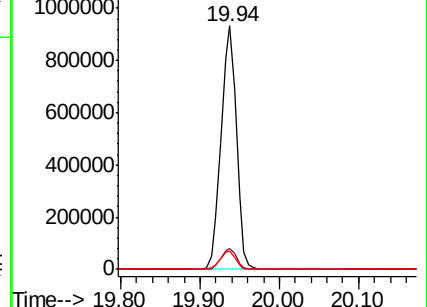
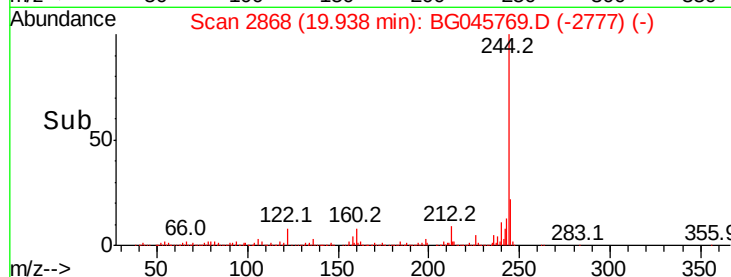
122 7.7 6.4 9.6



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: 43.456 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

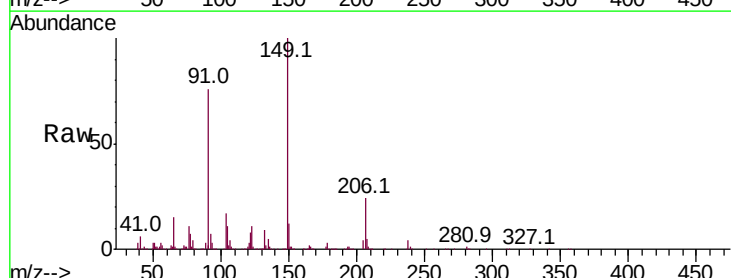
Tgt Ion:149 Resp: 346210

Ion Ratio Lower Upper

149 100

91 75.8 56.4 84.6

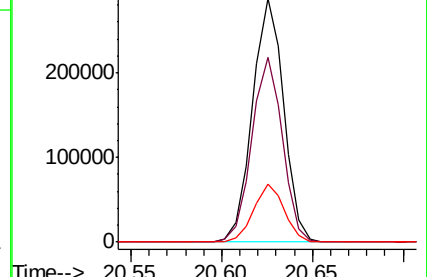
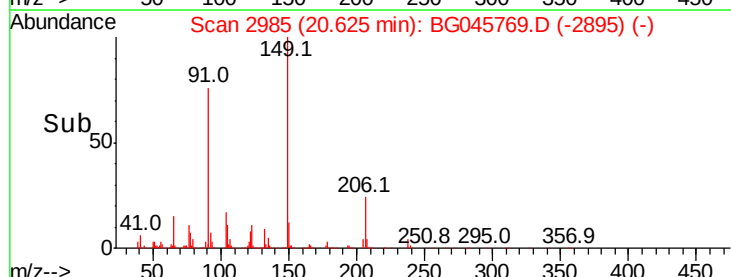
206 24.0 19.8 29.6

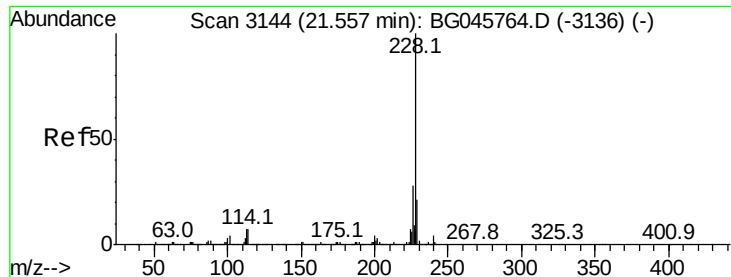


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.265 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

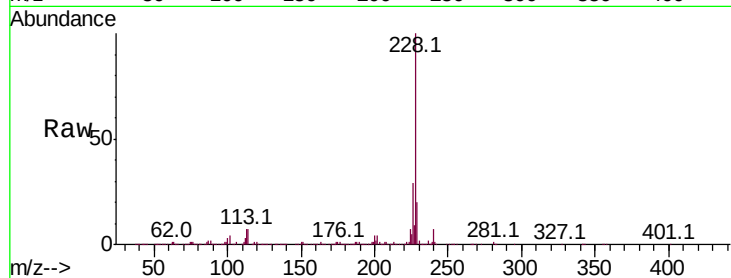
BNA_G

ClientSampleId :

ICVBG061520

Tot Ion:228 Resp: 797287

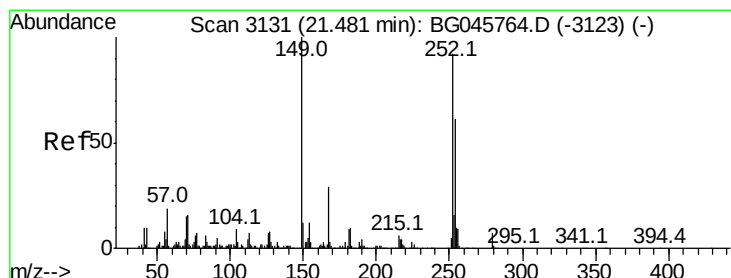
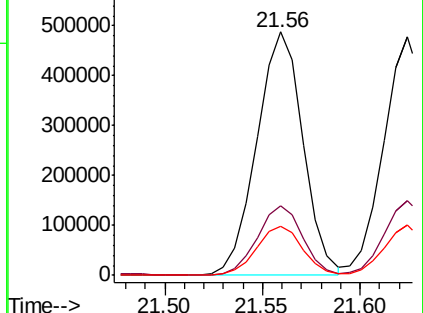
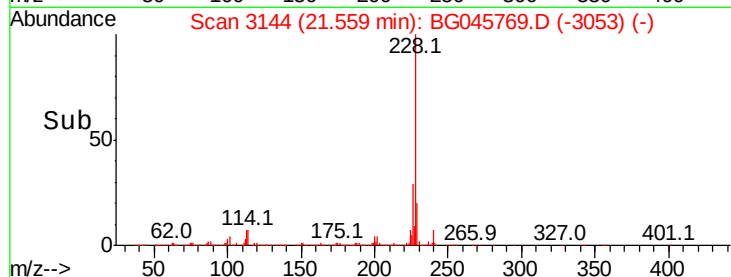
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.3	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.252 ng

RT: 21.48 min Scan# 3130

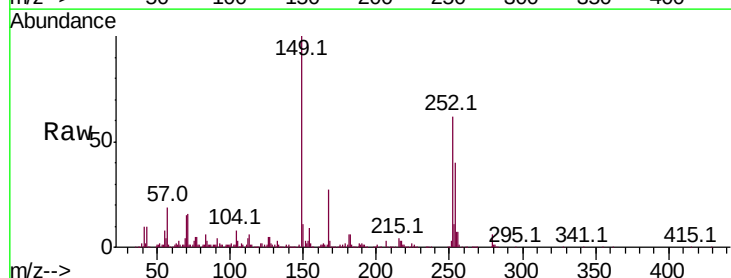
Delta R.T. -0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Tgt Ion:252 Resp: 301491

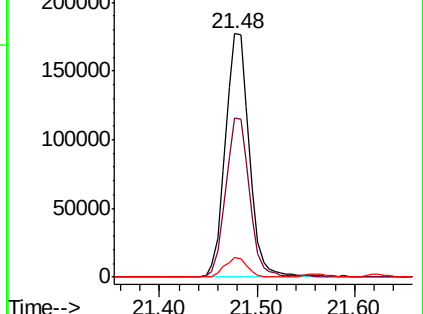
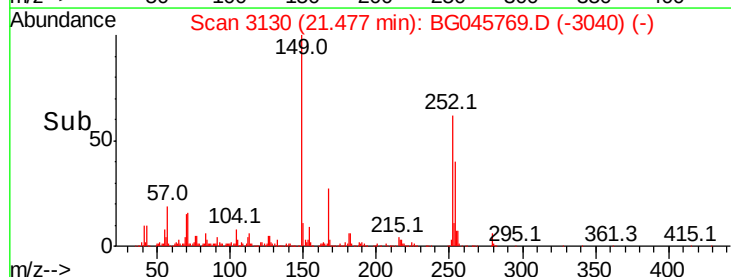
Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.4	80.0
126	8.2	5.8	8.8

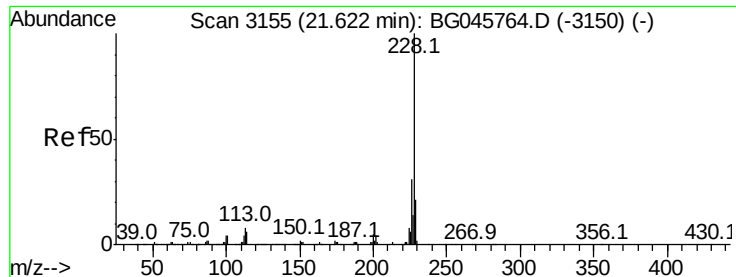


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.535 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

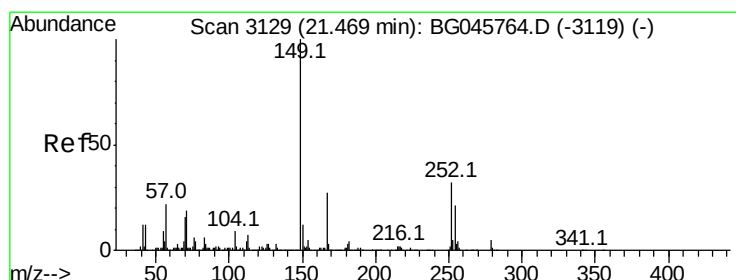
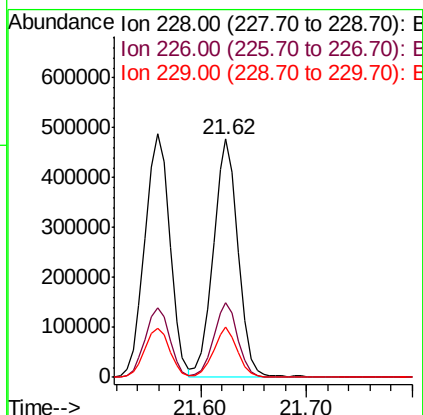
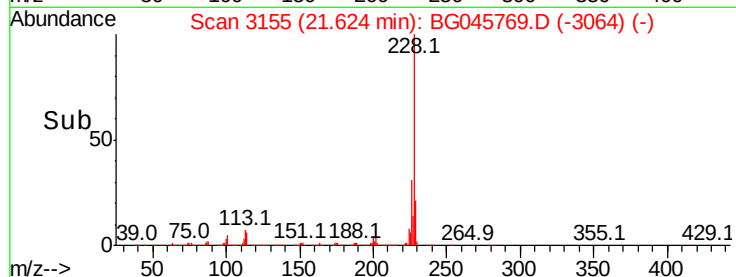
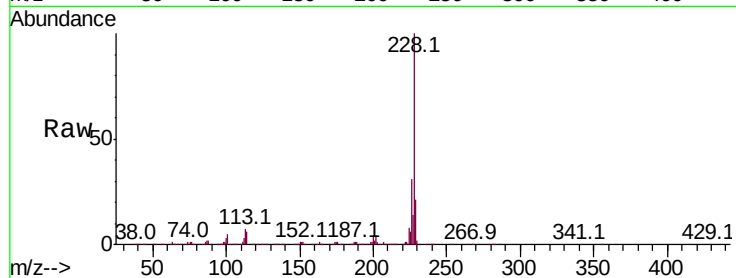
BNA_G

ClientSampleId :

ICVBG061520

Tot Ion:228 Resp: 775962

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	21.0	16.4	24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.024 ng

RT: 21.47 min Scan# 3129

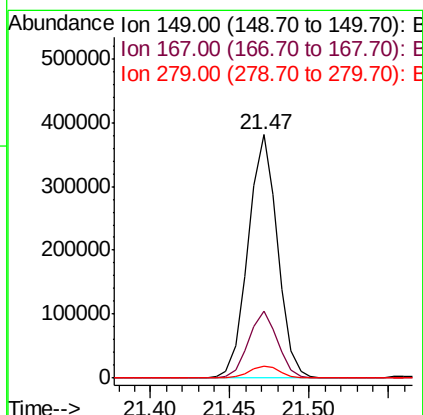
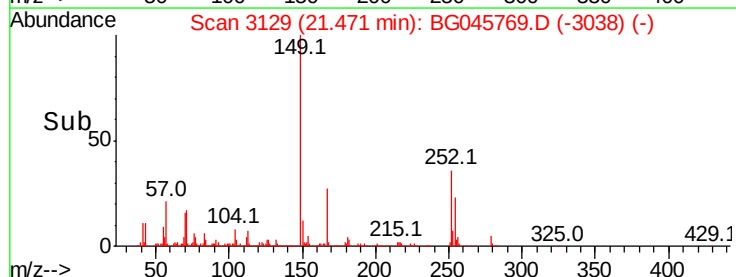
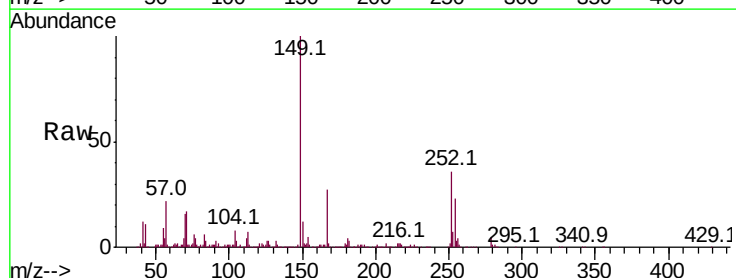
Delta R.T. 0.00 min

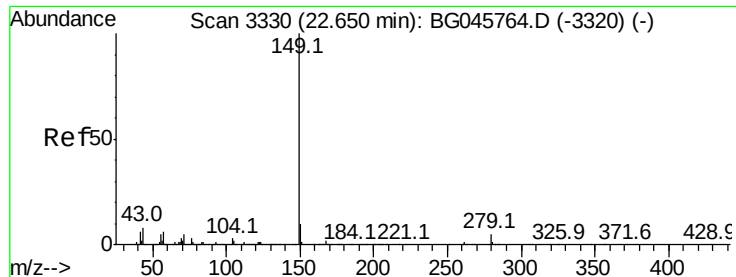
Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Tgt Ion:149 Resp: 487854

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	5.1	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 44.006 ng

RT: 22.65 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

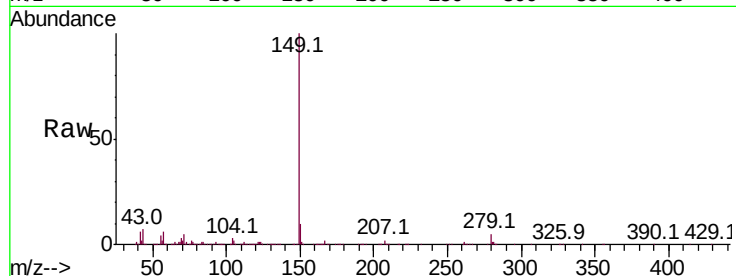
Tot Ion:149 Resp: 841172

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

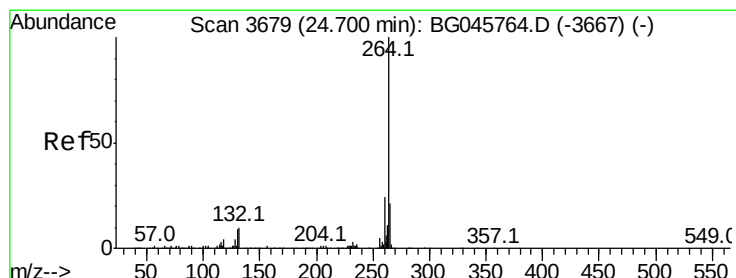
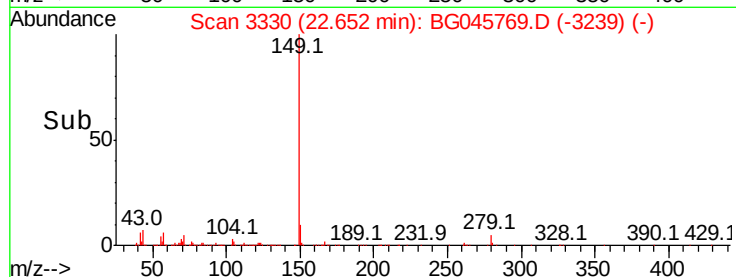
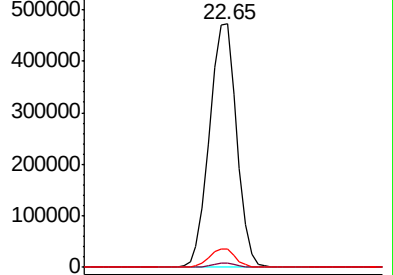
43 7.1 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

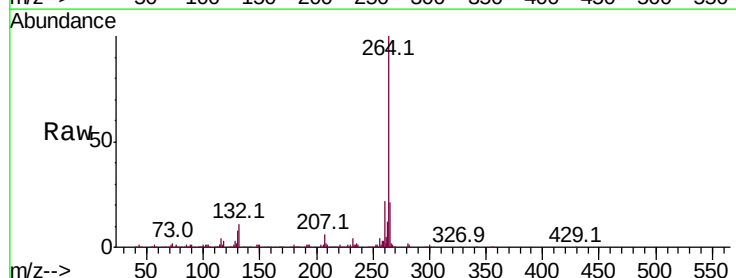
Tgt Ion:264 Resp: 314747

Ion Ratio Lower Upper

264 100

260 21.9 19.0 28.4

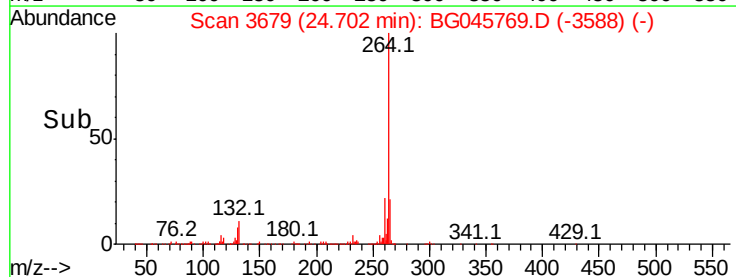
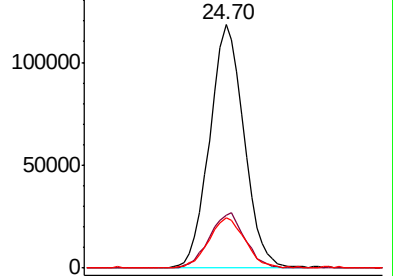
265 20.9 17.4 26.0

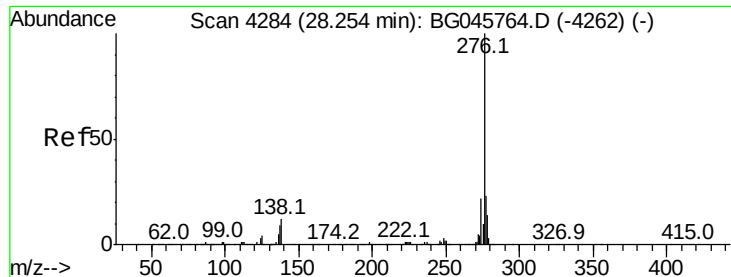


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

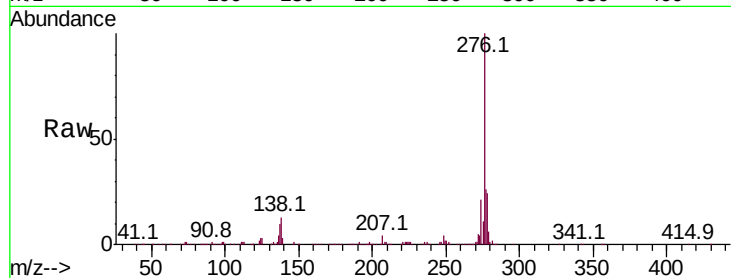




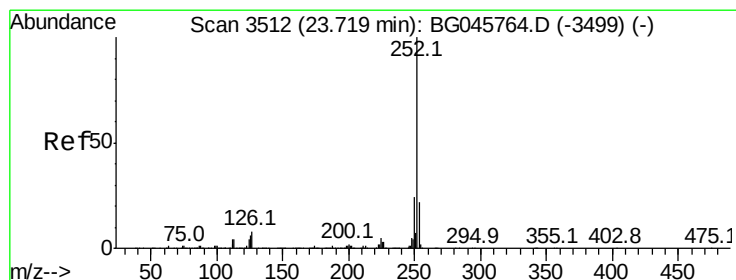
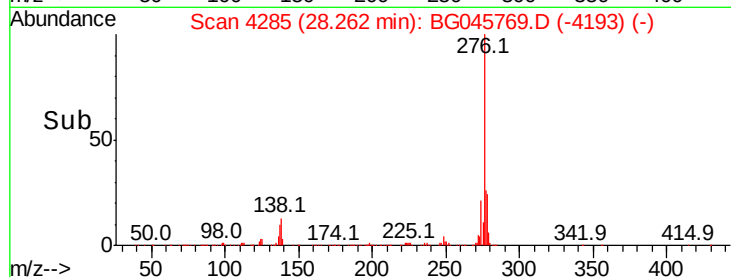
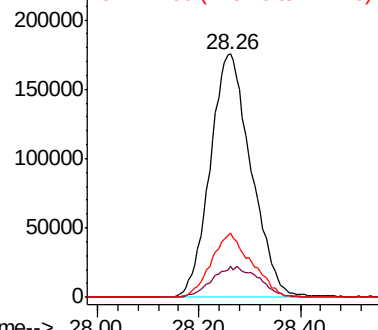
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.237 ng
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.01 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061520

Tot Ion:276 Resp: 986580
 Ion Ratio Lower Upper
 276 100
 138 14.3 5.4 8.0#
 277 26.0 20.6 30.8

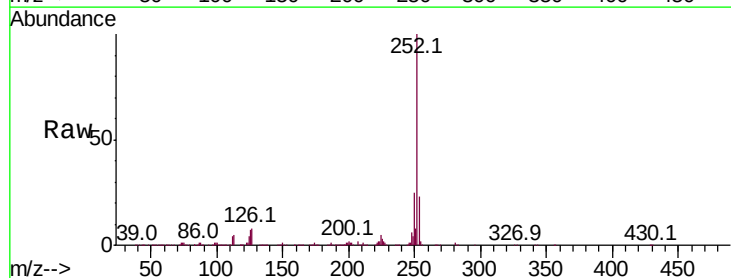


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

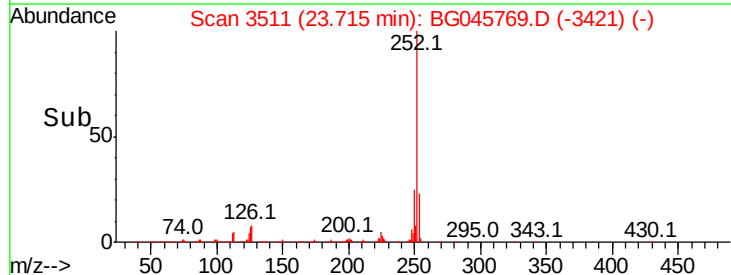
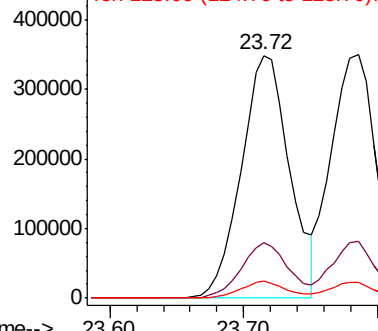


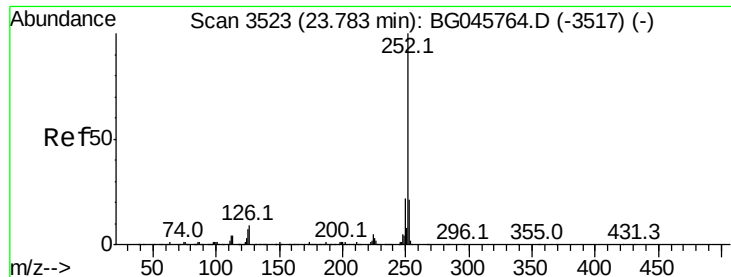
#88
 Benzo(b)fluoranthene
 Concen: 44.346 ng
 RT: 23.72 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045769.D
 Acq: 15 Jun 2020 17:39

Tgt Ion:252 Resp: 875144
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.0
 125 7.0 5.0 7.4



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.470 ng

RT: 23.79 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_G

ClientSampleId :

ICVBG061520

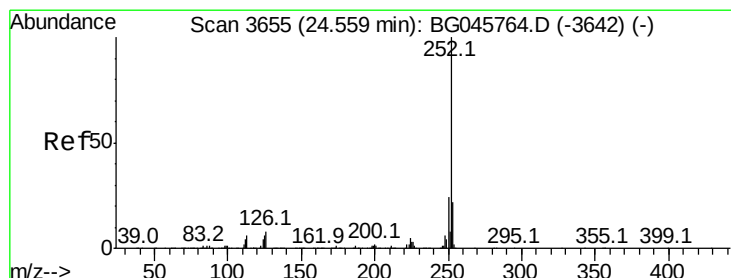
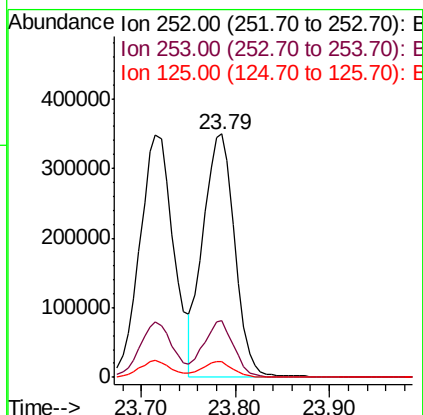
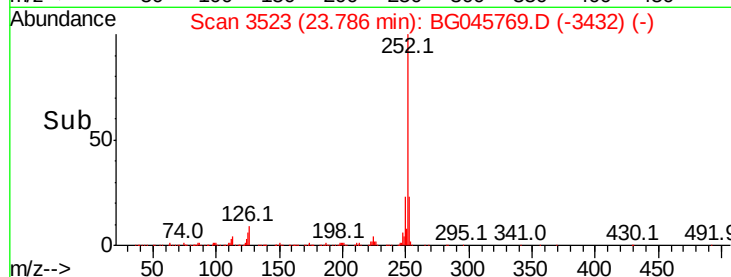
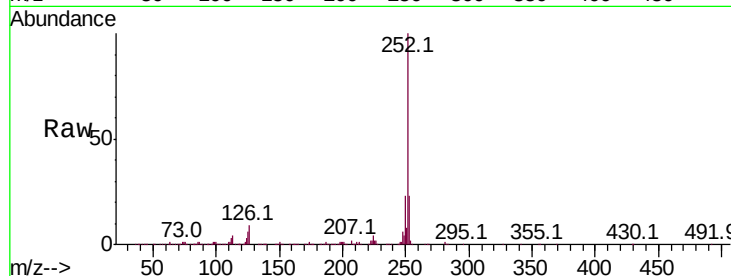
Tot Ion:252 Resp: 821031

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 6.4 5.2 7.8



#90

Benzo(a)pyrene

Concen: 43.288 ng

RT: 24.56 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

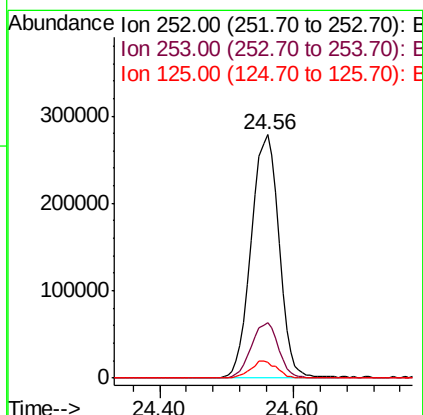
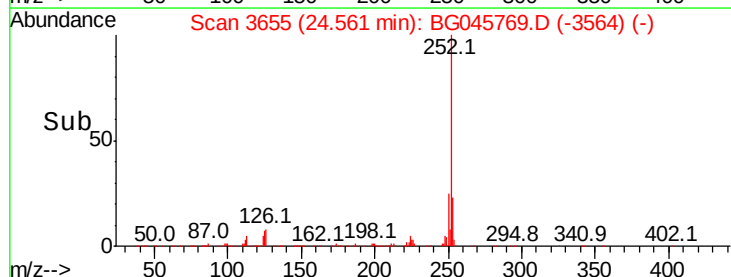
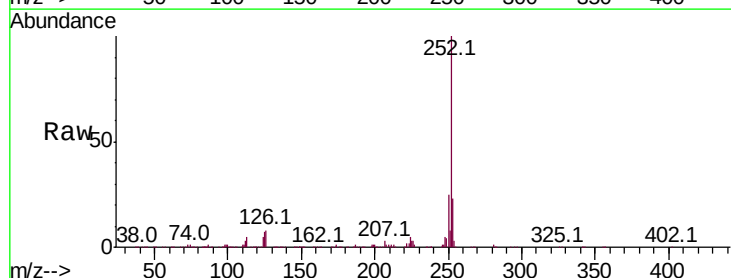
Tgt Ion:252 Resp: 798003

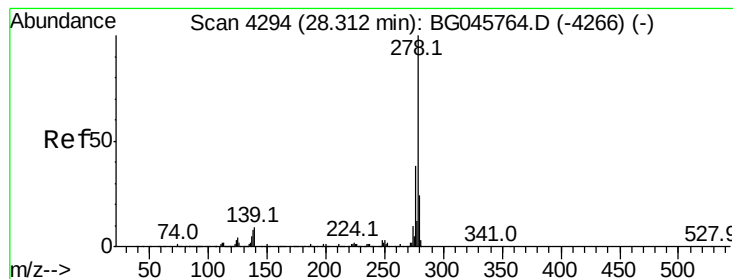
Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 6.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.673 ng

RT: 28.31 min Scan# 4294

Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Instrument :

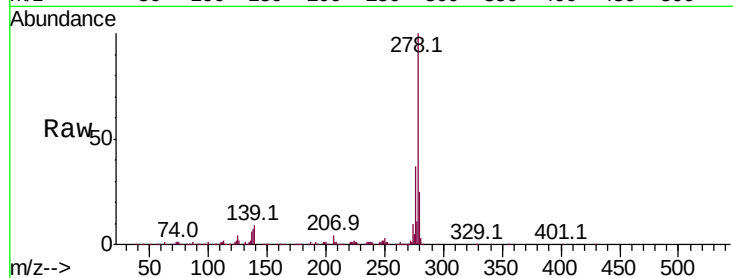
BNA_G

ClientSampleId :

ICVBG061520

Tot Ion:278 Resp: 799113

Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.3	10.9
279	24.9	19.5	29.3

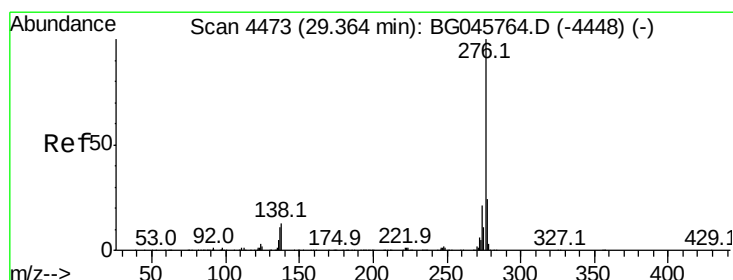
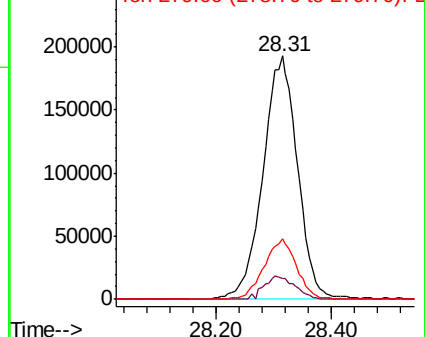
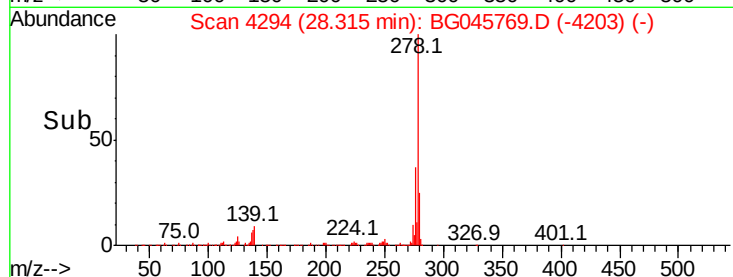


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.293 ng

RT: 29.37 min Scan# 4473

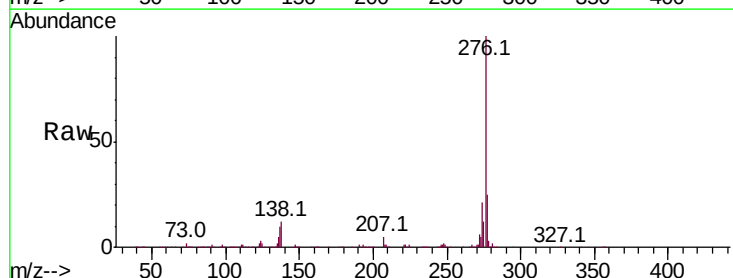
Delta R.T. 0.00 min

Lab File: BG045769.D

Acq: 15 Jun 2020 17:39

Tgt Ion:276 Resp: 792879

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	11.7	10.6	15.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

