

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045852.D
 Acq On : 24 Jun 2020 19:56
 Operator : CG/JU
 Sample : L3089-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Quant Time: Jun 25 00:39:45 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	55180	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	214058	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	151985	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	343855	20.00	ng	0.00
76) Chrysene-d12	21.57	240	323880	20.00	ng	0.00
86) Perylene-d12	24.70	264	349716	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	376808	115.35	ng	-0.01
7) Phenol-d6	7.14	99	460422	92.66	ng	-0.02
23) Nitrobenzene-d5	9.08	82	393474	83.97	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	283089	123.37	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	869093	84.03	ng	0.00
79) Terphenyl-d14	19.94	244	1415524	88.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	51949	34.723	ng	# 30
3) Pyridine	3.78	79	137952	31.116	ng	98
4) n-Nitrosodimethylamine	3.69	42	62309	41.870	ng	# 90
6) Aniline	7.25	93	200447	34.262	ng	97
8) 2-Chlorophenol	7.50	128	158859	45.434	ng	97
9) Benzaldehyde	7.05	77	75552	25.316	ng	97
10) Phenol	7.17	94	171571	35.637	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	152485	41.699	ng	97
12) 1,3-Dichlorobenzene	7.81	146	170546	40.930	ng	98
13) 1,4-Dichlorobenzene	7.95	146	172752	41.507	ng	96
14) 1,2-Dichlorobenzene	8.27	146	162875	40.878	ng	98
15) Benzyl Alcohol	8.17	79	167322	43.516	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	140341	40.721	ng	82
17) 2-Methylphenol	8.40	107	137004	38.238	ng	94
18) Hexachloroethane	9.00	117	66890	42.316	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	139509	42.707	ng	99
20) 3+4-Methylphenols	8.74	107	178734	37.931	ng	# 64
22) Acetophenone	8.74	105	252437	42.966	ng	# 95
24) Nitrobenzene	9.12	77	212907	42.615	ng	99
25) Isophorone	9.64	82	379796	41.869	ng	98
26) 2-Nitrophenol	9.84	139	93578	44.958	ng	97
27) 2,4-Dimethylphenol	9.93	122	142584	44.869	ng	92
28) bis(2-Chloroethoxy)methane	10.13	93	208310	43.963	ng	99
29) 2,4-Dichlorophenol	10.40	162	167861	45.275	ng	96
30) 1,2,4-Trichlorobenzene	10.59	180	186448	42.479	ng	99
31) Naphthalene	10.77	128	503960	43.063	ng	100
32) Benzoic acid	10.13	122	68687	36.072	ng	97
33) 4-Chloroaniline	10.90	127	93224	19.022	ng	96
34) Hexachlorobutadiene	11.06	225	129519	41.492	ng	98
35) Caprolactam	11.67	113	27833	23.198	ng	99
36) 4-Chloro-3-methylphenol	12.06	107	191129	44.648	ng	97
37) 2-Methylnaphthalene	12.38	142	379018	43.493	ng	99
38) 1-Methylnaphthalene	12.60	142	361073	43.784	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	217508	43.463	ng	98

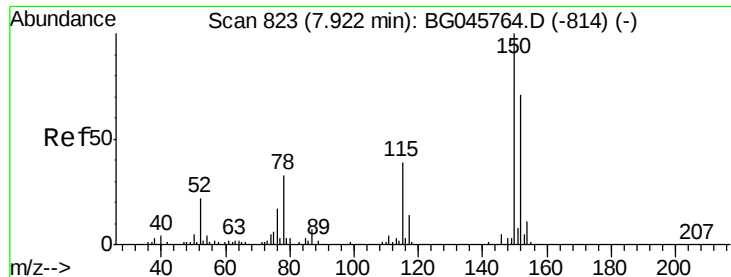
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045852.D
 Acq On : 24 Jun 2020 19:56
 Operator : CG/JU
 Sample : L3089-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Quant Time: Jun 25 00:39:45 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)
41) Hexachlorocyclopentadiene	12.73	237	219564	79.488	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	146887	43.290	ng	96
44) 2,4,5-Trichlorophenol	13.11	196	149449	38.646	ng	96
46) 1,1'-Biphenyl	13.40	154	476780	43.817	ng	100
47) 2-Chloronaphthalene	13.44	162	375696	42.743	ng	99
48) 2-Nitroaniline	13.66	65	123837	42.355	ng	99
49) Acenaphthylene	14.29	152	605218	42.988	ng	99
50) Dimethylphthalate	14.03	163	582427	48.917	ng	100
51) 2,6-Dinitrotoluene	14.14	165	113608	42.483	ng	92
52) Acenaphthene	14.63	154	360592	42.254	ng	99
53) 3-Nitroaniline	14.48	138	78543	29.404	ng	92
54) 2,4-Dinitrophenol	14.70	184	79669	56.809	ng	94
55) Dibenzofuran	14.97	168	592766	42.758	ng	97
56) 4-Nitrophenol	14.85	139	109076	58.138	ng	99
57) 2,4-Dinitrotoluene	14.94	165	162844	42.501	ng	99
58) Fluorene	15.62	166	493922	42.846	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	143610	42.787	ng	98
60) Diethylphthalate	15.39	149	512804	42.131	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	274067	41.249	ng	97
62) 4-Nitroaniline	15.65	138	109696	40.015	ng	90
63) Azobenzene	15.90	77	498373	42.643	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	83210	39.157	ng	98
66) n-Nitrosodiphenylamine	15.83	169	429968	44.147	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	188006	42.079	ng	98
68) Hexachlorobenzene	16.63	284	207349	44.754	ng	97
69) Atrazine	16.78	200	169025	44.724	ng	96
70) Pentachlorophenol	16.99	266	165409	73.118	ng	95
71) Phenanthrene	17.36	178	766003	43.194	ng	98
72) Anthracene	17.45	178	792502	44.877	ng	98
73) Carbazole	17.73	167	707666	42.086	ng	100
74) Di-n-butylphthalate	18.29	149	852579	42.823	ng	100
75) Fluoranthene	19.37	202	937433	42.988	ng	99
77) Benzidine	19.55	184	342752	40.707	ng	99
78) Pyrene	19.74	202	919279	42.386	ng	98
80) Butylbenzylphthalate	20.62	149	383615	42.257	ng	97
81) Benzo(a)anthracene	21.56	228	910792	43.374	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	232621	29.287	ng	98
83) Chrysene	21.62	228	884614	43.555	ng	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	545290	43.183	ng	# 97
85) Di-n-octyl phthalate	22.64	149	916780	42.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1135687	44.795	ng	# 98
88) Benzo(b)fluoranthene	23.71	252	984693	44.908	ng	97
89) Benzo(k)fluoranthene	23.78	252	933728	44.493	ng	98
90) Benzo(a)pyrene	24.55	252	895482	43.719	ng	98
91) Dibenzo(a,h)anthracene	28.31	278	929930	45.740	ng	100
92) Benzo(g,h,i)perylene	29.36	276	932629	45.831	ng	98

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

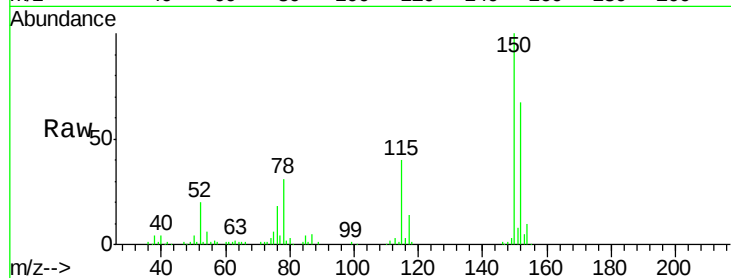


#1

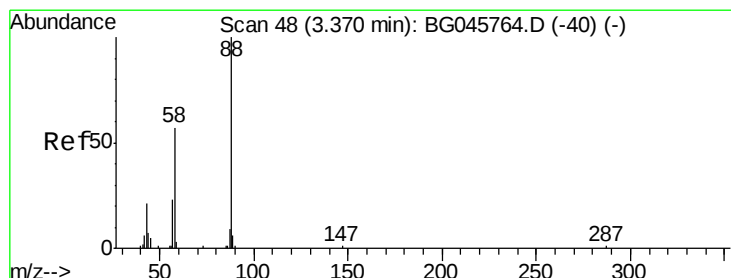
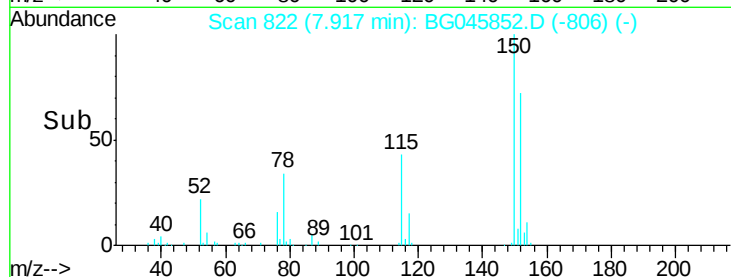
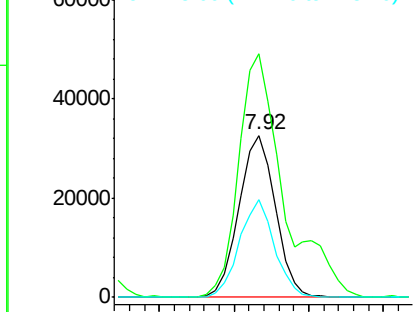
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion:152 Resp: 55180
Ion Ratio Lower Upper
152 100
150 150.3 113.1 169.7
115 60.6 43.8 65.6



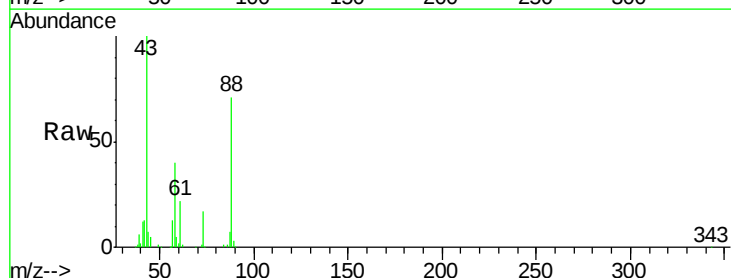
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



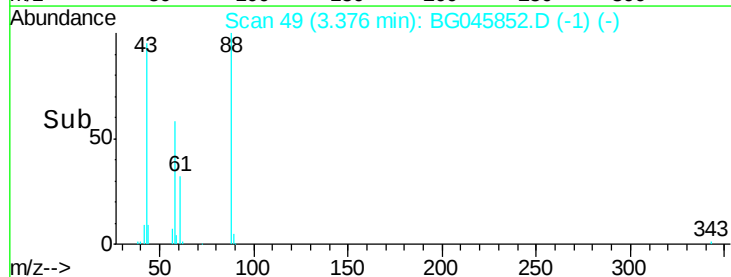
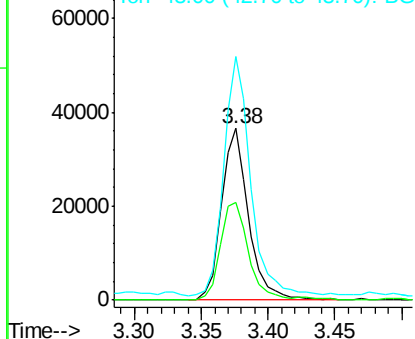
#2

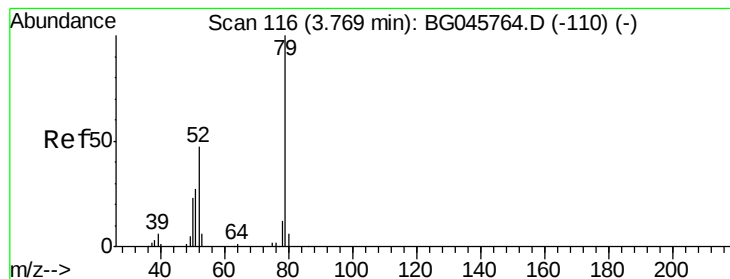
1,4-Dioxane
Concen: 34.723 ng
RT: 3.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion: 88 Resp: 51949
Ion Ratio Lower Upper
88 100
58 59.1 46.1 69.1
43 139.8 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: 31.116 ng

RT: 3.78 min Scan# 118

Delta R.T. 0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

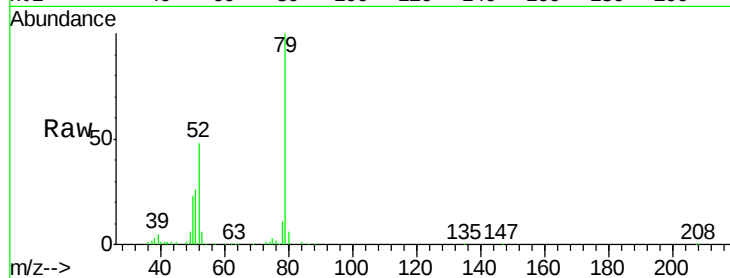
Tot Ion: 79 Resp: 137952

Ion Ratio Lower Upper

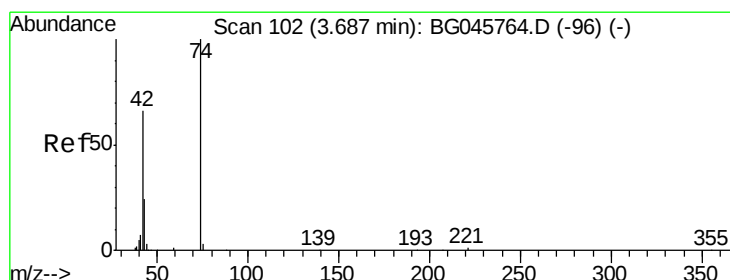
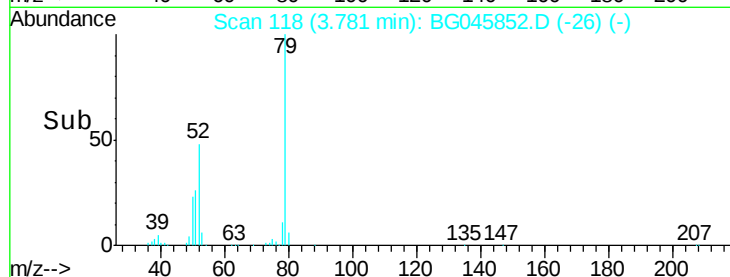
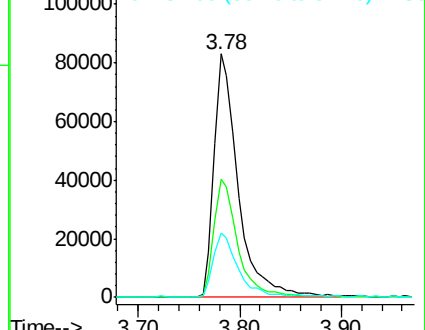
79 100

52 48.5 37.9 56.9

51 26.3 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: 41.870 ng

RT: 3.69 min Scan# 102

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

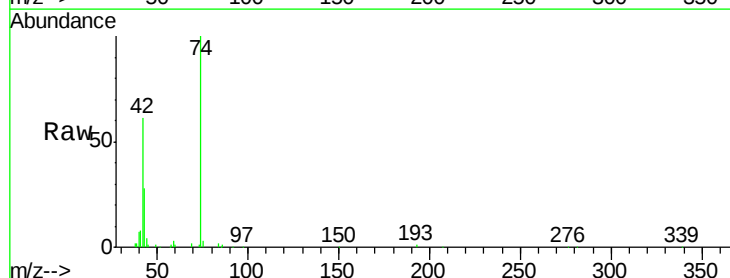
Tgt Ion: 42 Resp: 62309

Ion Ratio Lower Upper

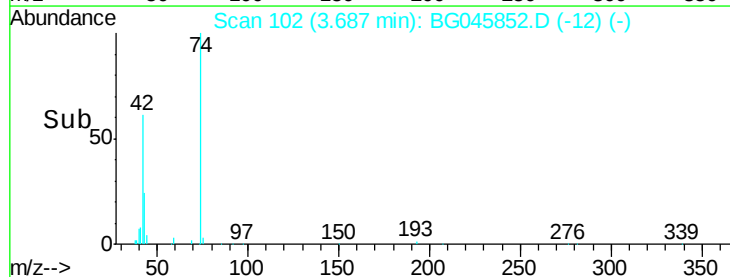
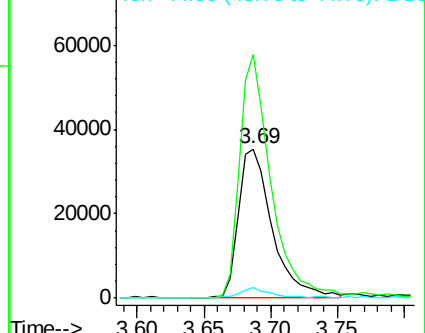
42 100

74 163.5 121.0 181.4

44 7.1 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: 115.353 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

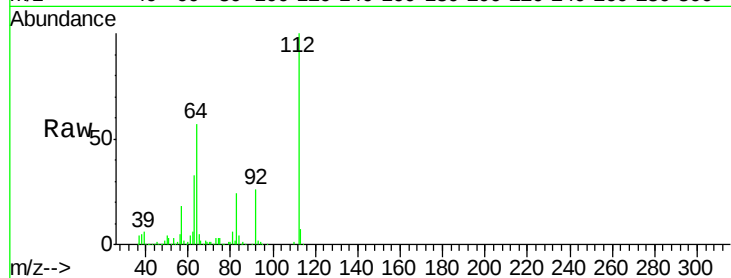
Tot Ion:112 Resp: 376808

Ion Ratio Lower Upper

112 100

64 56.8 46.6 69.8

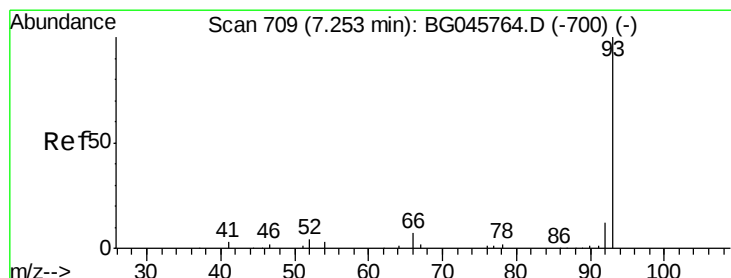
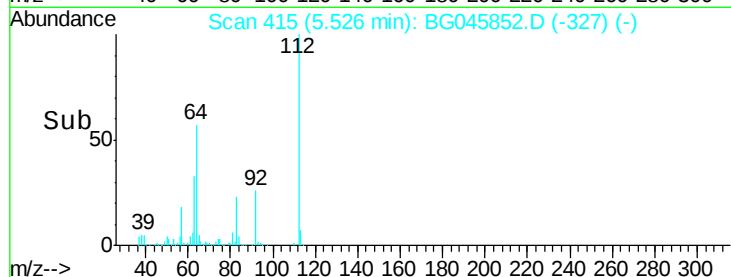
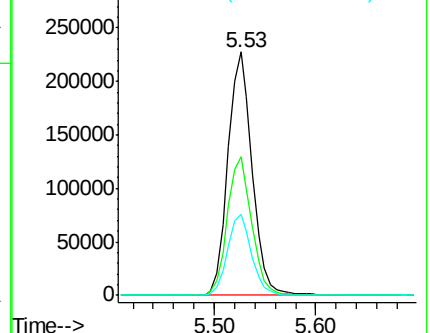
63 33.3 26.3 39.5



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: 34.262 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

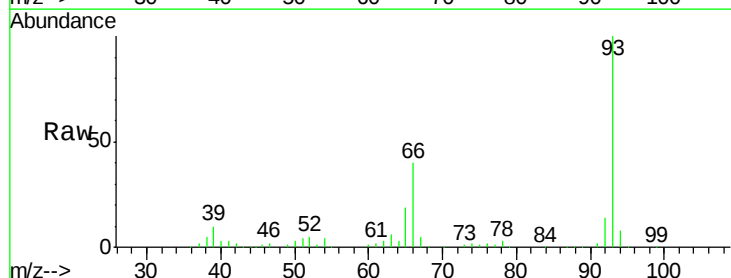
Tgt Ion: 93 Resp: 200447

Ion Ratio Lower Upper

93 100

66 39.6 30.0 45.0

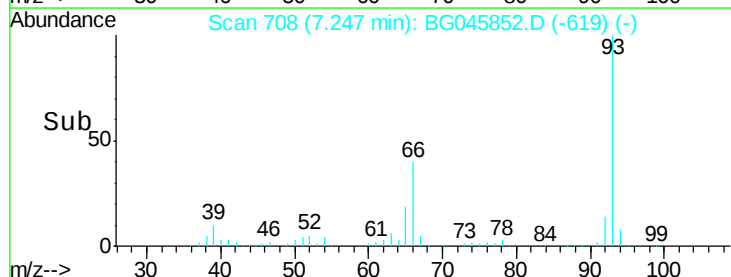
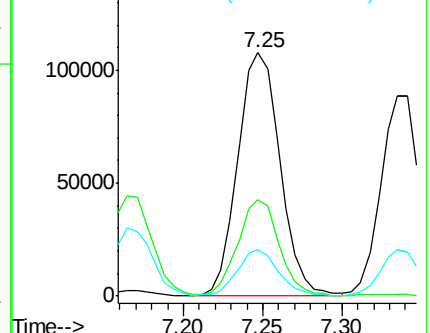
65 19.1 14.7 22.1

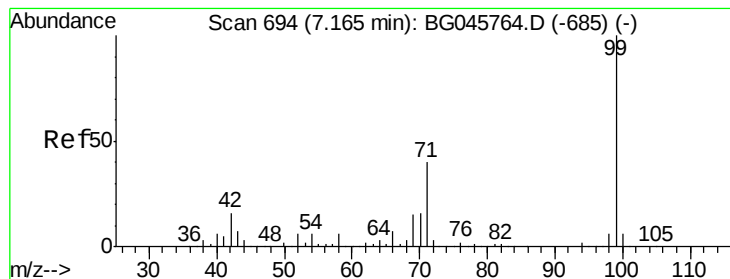


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.664 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

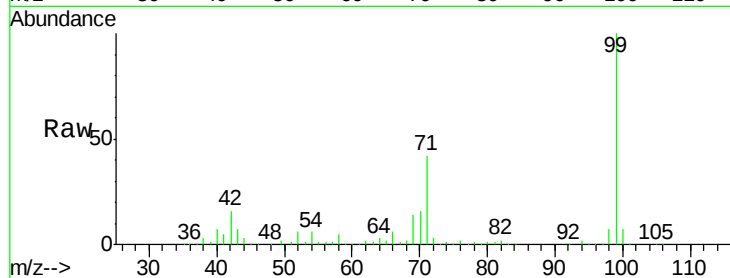
Tot Ion: 99 Resp: 460422

Ion Ratio Lower Upper

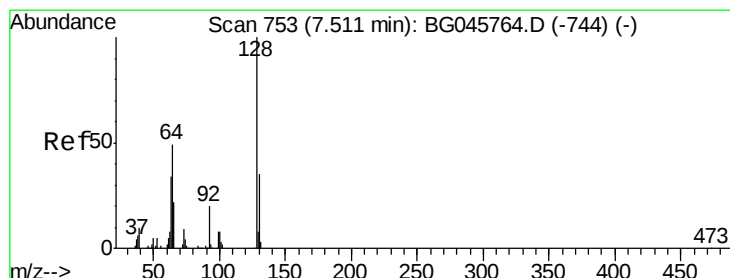
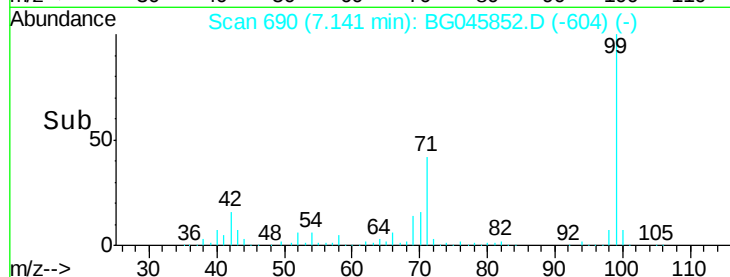
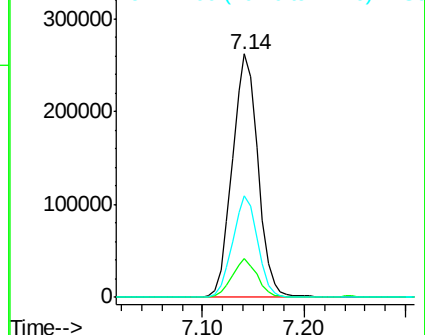
99 100

42 15.7 12.4 18.6

71 41.5 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: 45.434 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

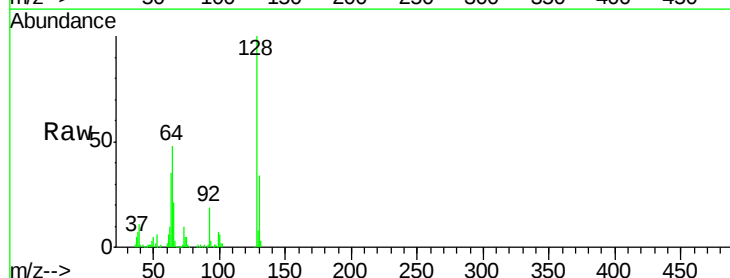
Tgt Ion: 128 Resp: 158859

Ion Ratio Lower Upper

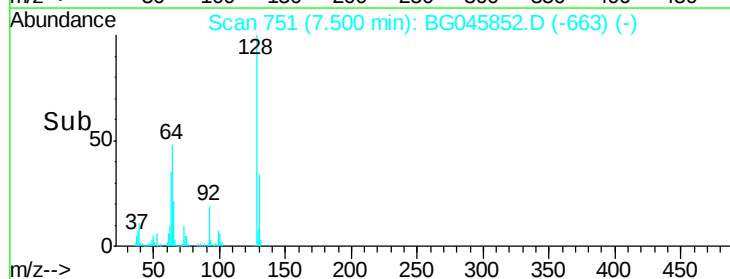
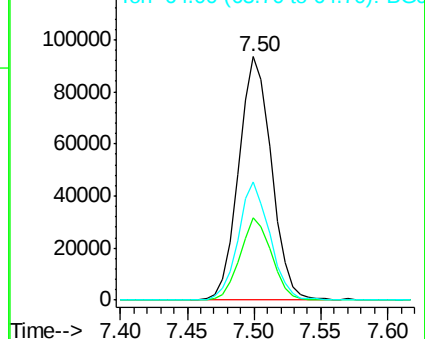
128 100

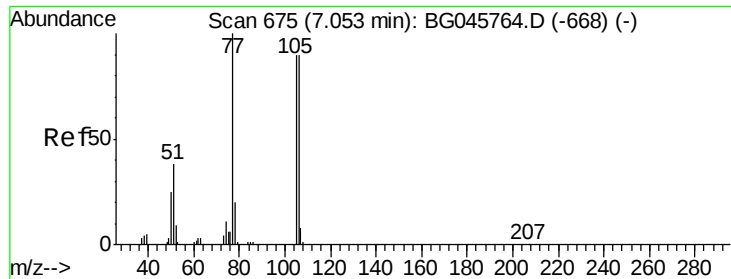
130 34.0 14.5 54.5

64 48.3 31.6 71.6



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





#9

Benzaldehyde

Concen: 25.316 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

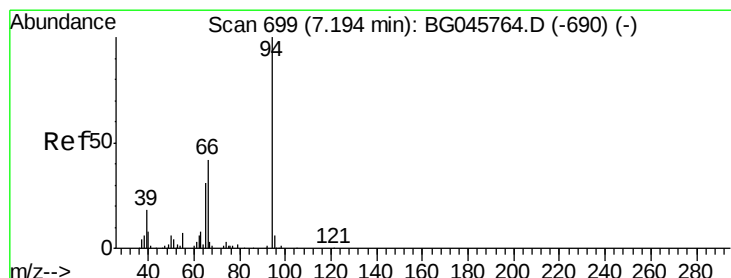
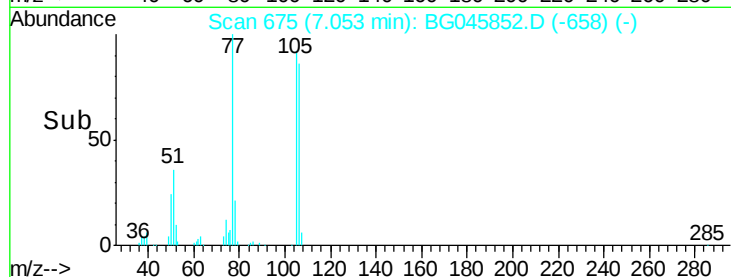
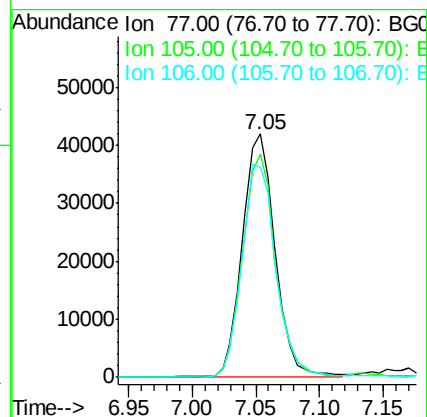
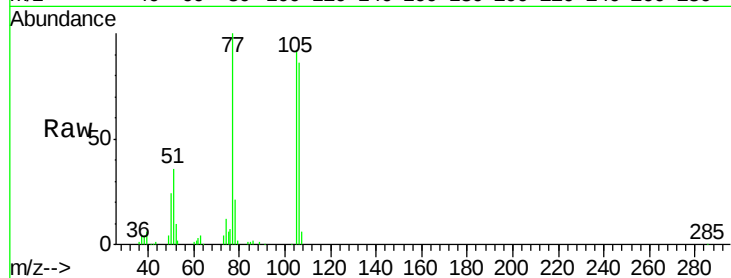
Tot Ion: 77 Resp: 75552

Ion Ratio Lower Upper

77 100

105 91.7 70.4 110.4

106 86.4 70.2 110.2



#10

Phenol

Concen: 35.637 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

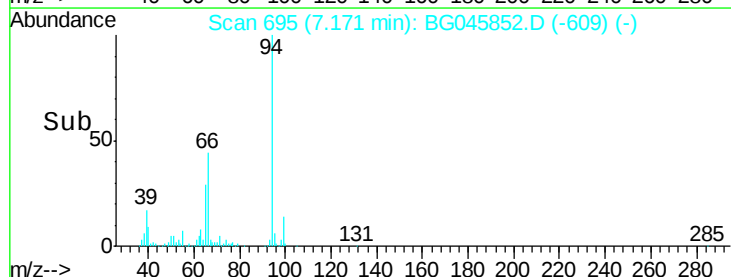
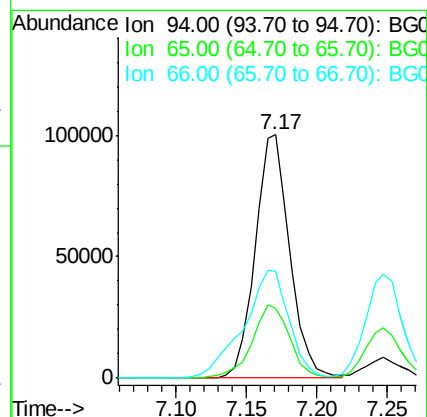
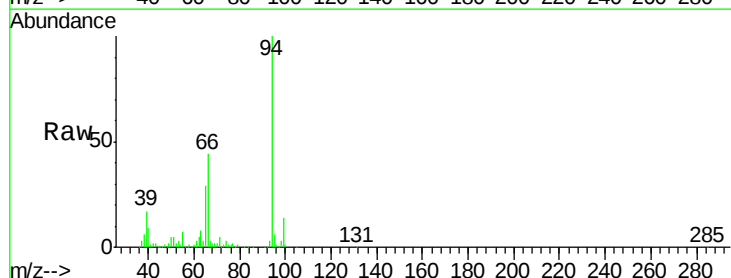
Tgt Ion: 94 Resp: 171571

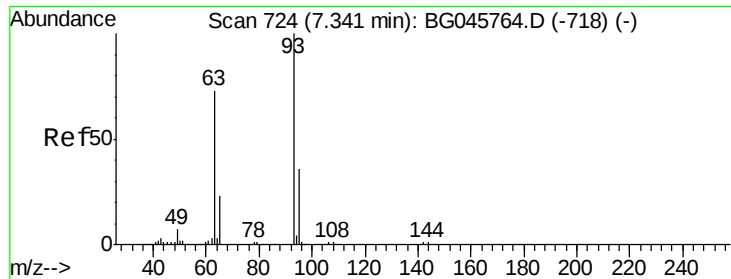
Ion Ratio Lower Upper

94 100

65 28.7 10.7 50.7

66 43.9 22.5 62.5

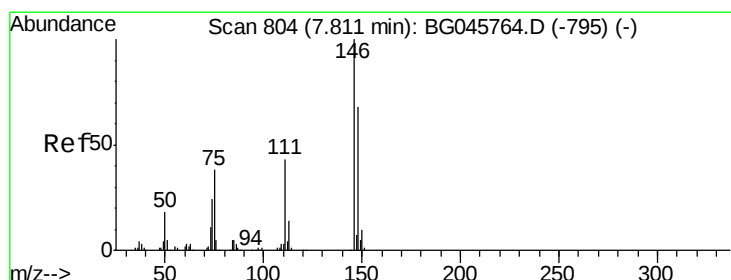
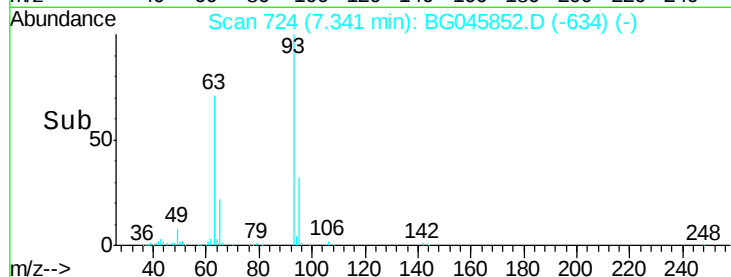
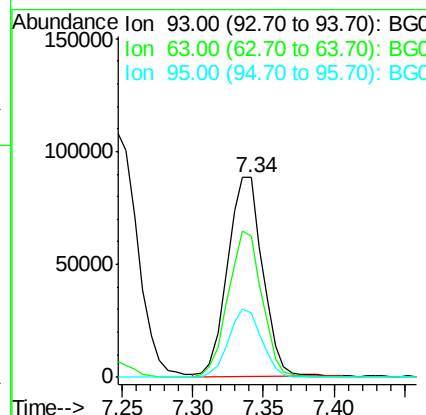
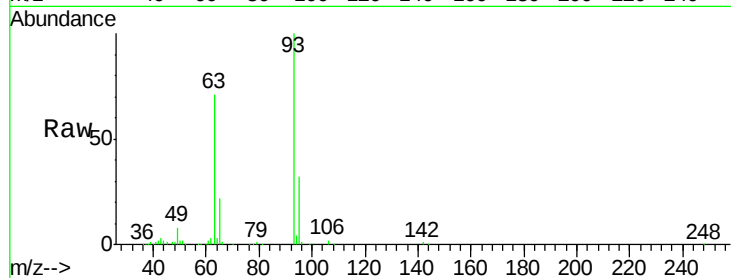




#11
 bis(2-Chloroethyl)ether
 Concen: 41.699 ng
 RT: 7.34 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

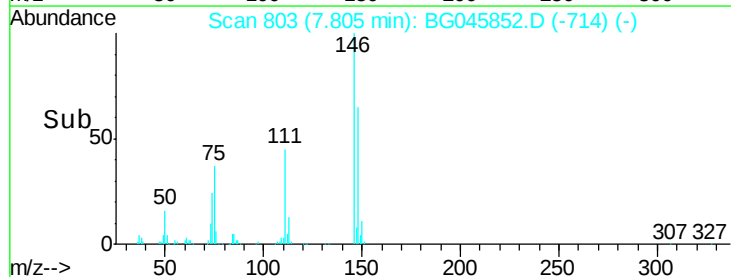
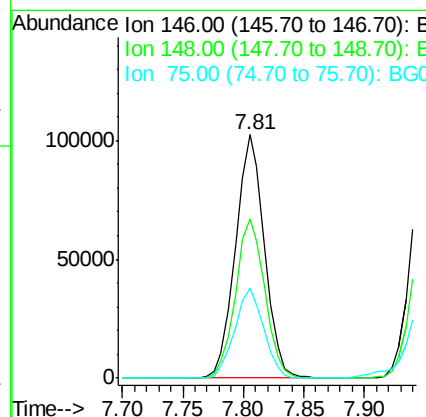
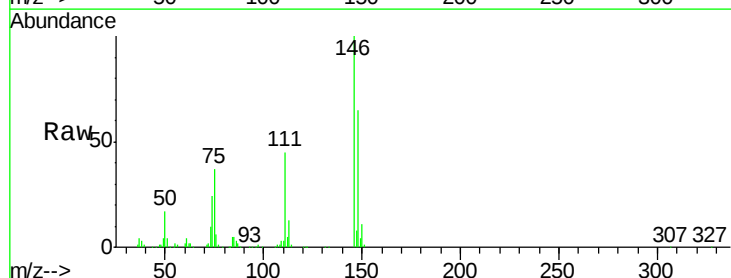
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

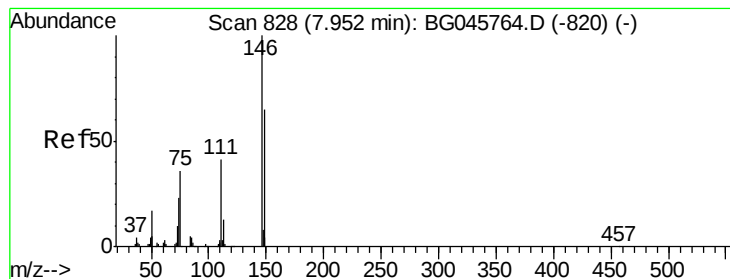
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	52.0	92.0
95	32.2	15.6	55.6



#12
 1,3-Dichlorobenzene
 Concen: 40.930 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	54.2	81.4
75	37.0	30.1	45.1





#13

1,4-Dichlorobenzene

Concen: 41.507 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

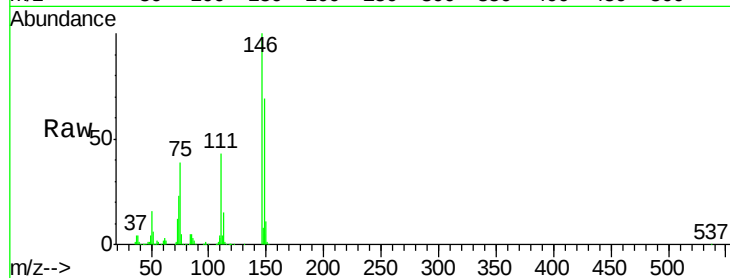
Tot Ion:146 Resp: 172752

Ion Ratio Lower Upper

146 100

148 68.6 51.8 77.6

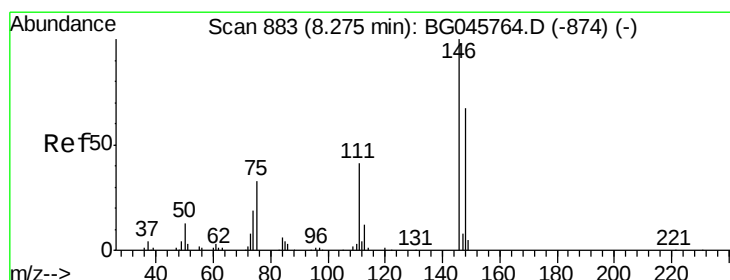
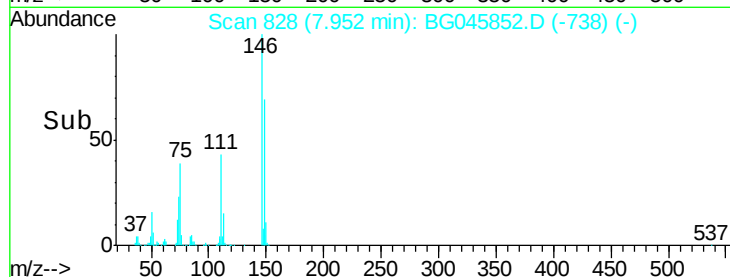
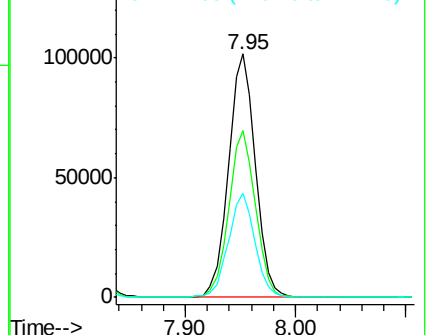
111 42.6 32.8 49.2



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: 40.878 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

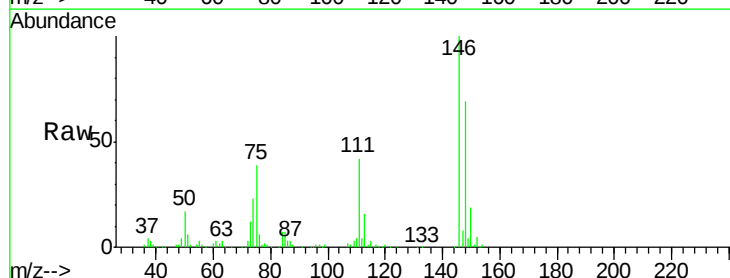
Tgt Ion:146 Resp: 162875

Ion Ratio Lower Upper

146 100

148 69.0 54.1 81.1

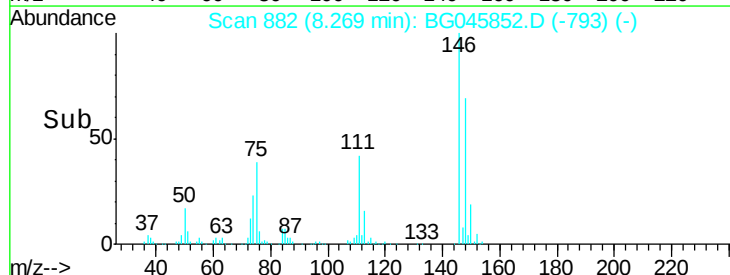
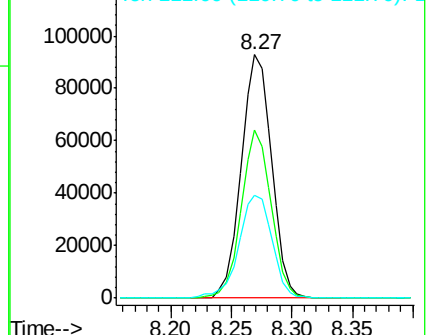
111 42.4 32.9 49.3

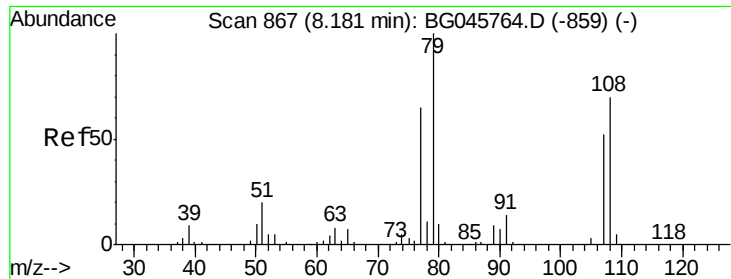


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.516 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

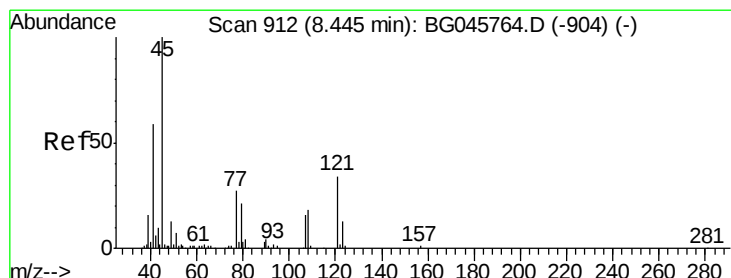
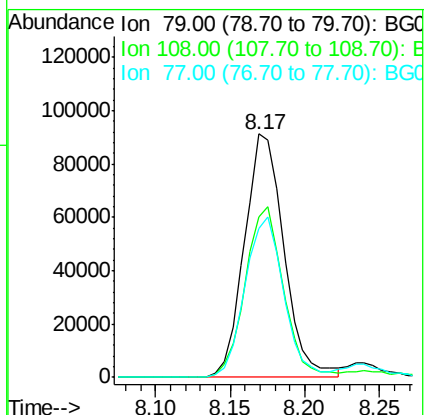
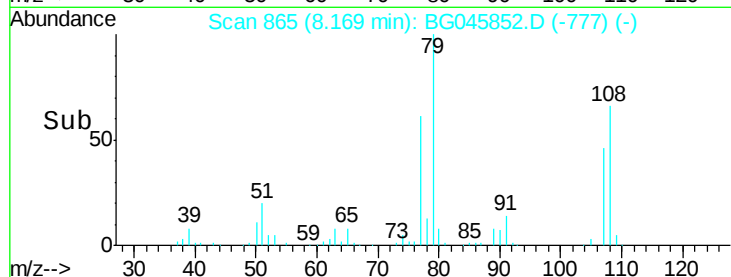
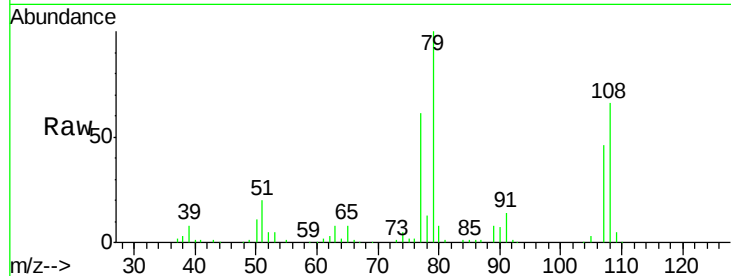
Tot Ion: 79 Resp: 167322

Ion Ratio Lower Upper

79 100

108 66.0 56.2 84.4

77 61.2 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.721 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

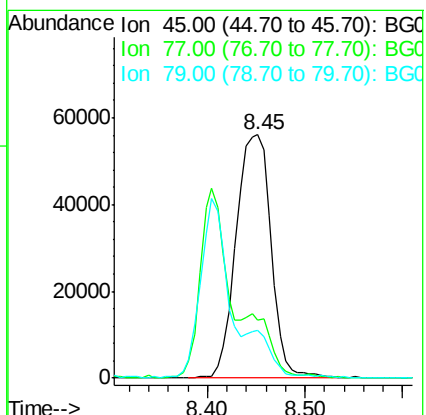
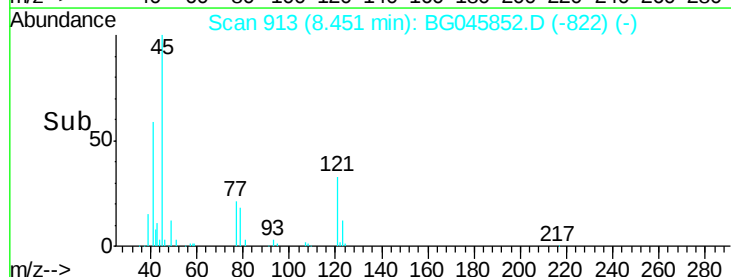
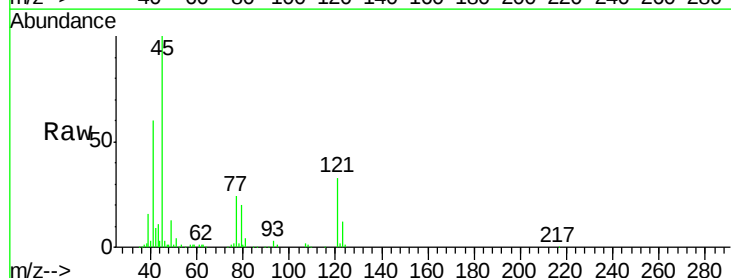
Tgt Ion: 45 Resp: 140341

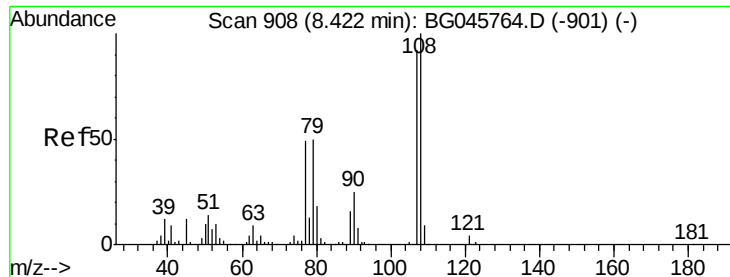
Ion Ratio Lower Upper

45 100

77 24.0 14.9 54.9

79 19.7 9.2 49.2





#17

2-Methylphenol

Concen: 38.238 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

Tot Ion:107 Resp: 137004

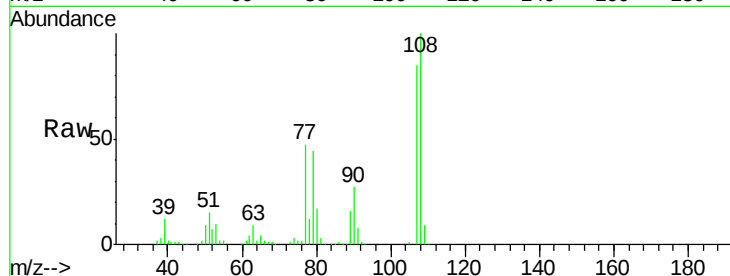
Ion Ratio Lower Upper

107 100

108 117.4 87.4 131.0

77 55.1 42.5 63.7

79 52.1 44.0 66.0

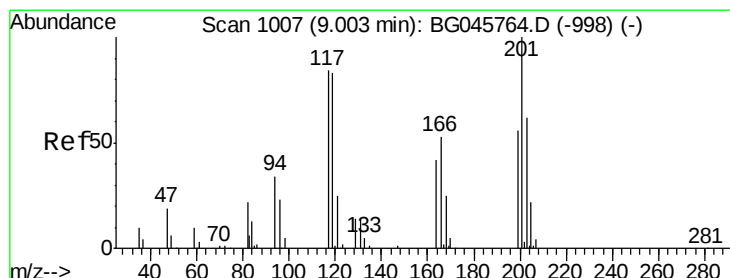
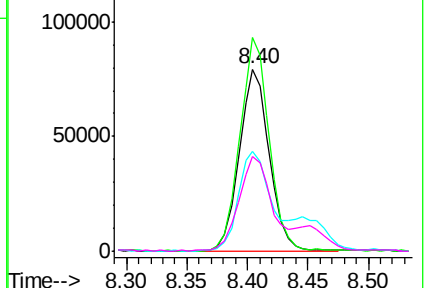
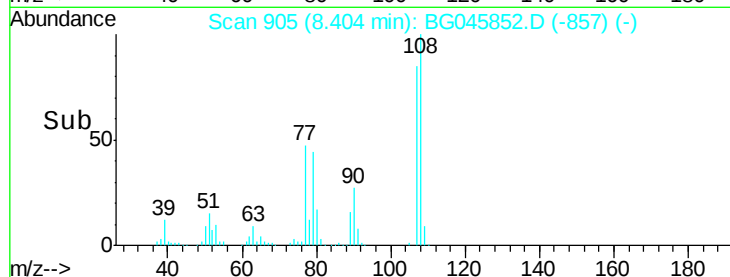


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.316 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

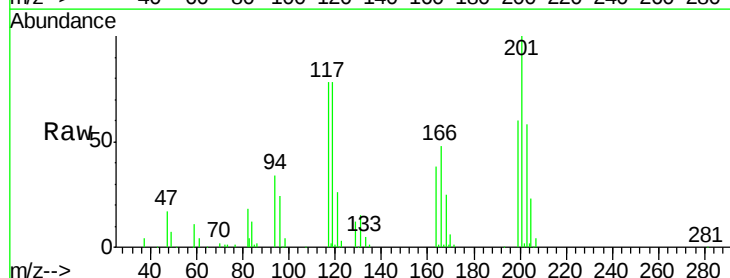
Tgt Ion:117 Resp: 66890

Ion Ratio Lower Upper

117 100

119 99.7 78.9 118.3

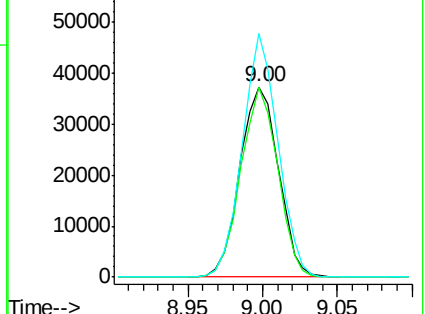
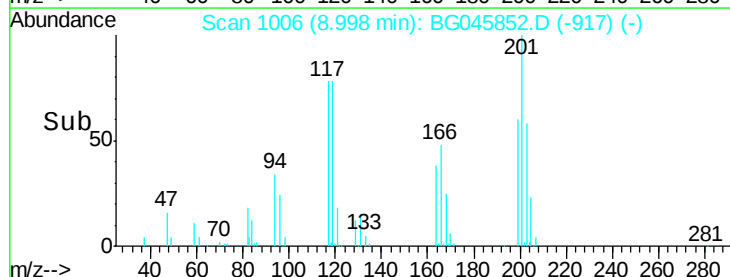
201 128.1 95.5 143.3

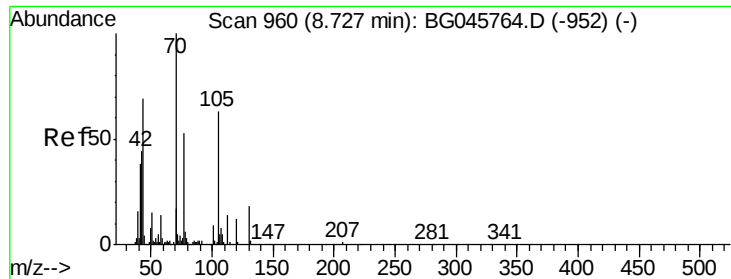


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

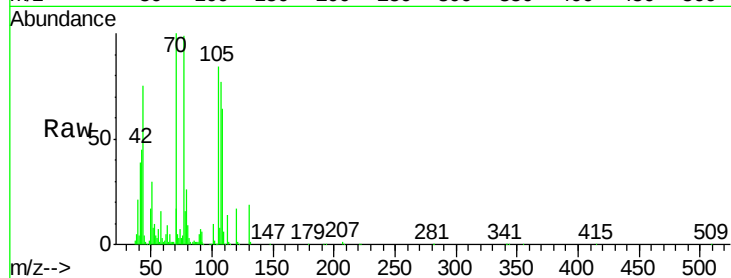




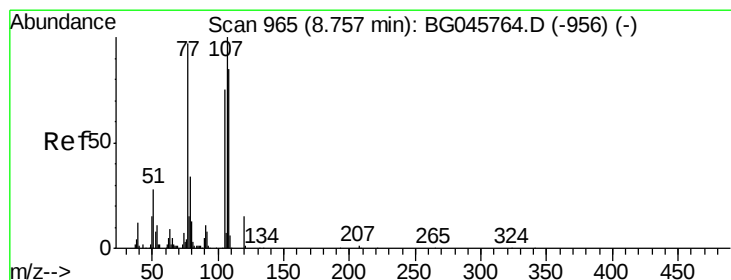
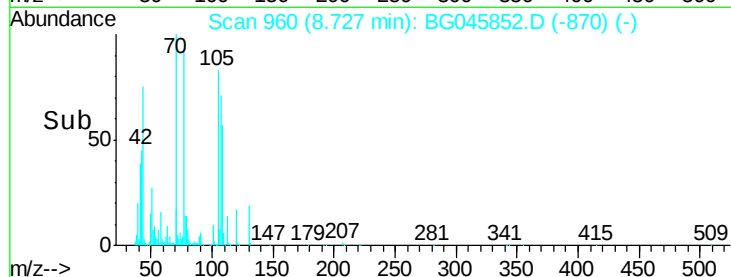
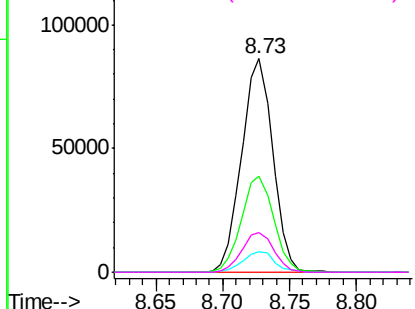
#19
n-Nitroso-di-n-propylamine
Concen: 42.707 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion: 70 Resp: 139509
Ion Ratio Lower Upper
70 100
42 45.0 35.1 52.7
101 9.6 7.4 11.0
130 18.7 14.6 21.8

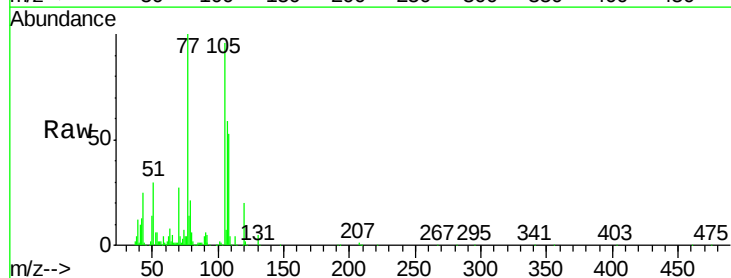


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

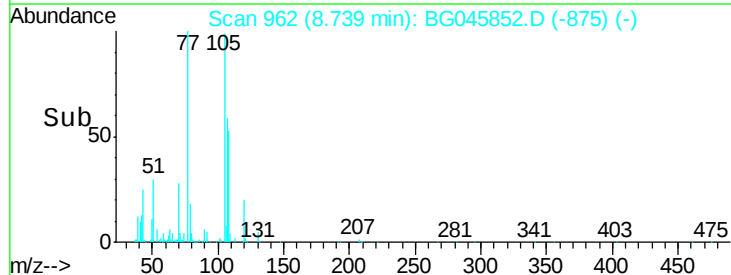
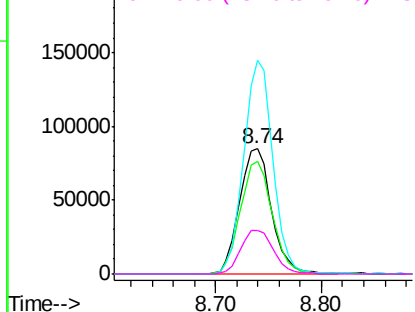


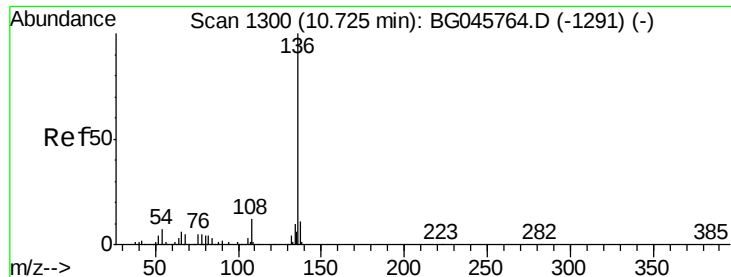
#20
3+4-Methylphenols
Concen: 37.931 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.02 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion: 107 Resp: 178734
Ion Ratio Lower Upper
107 100
108 90.4 65.4 105.4
77 170.8 77.2 117.2#
79 35.1 14.2 54.2



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

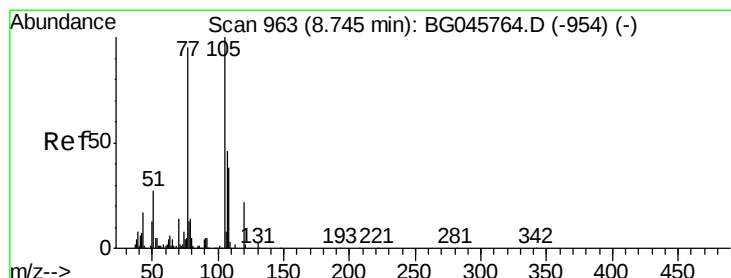
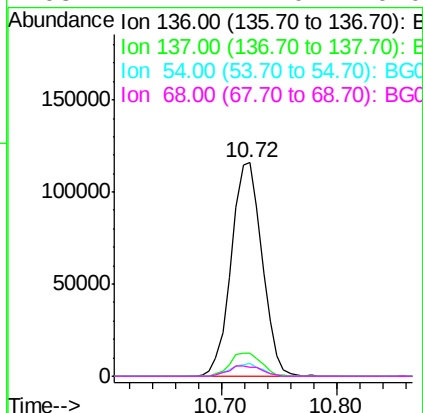
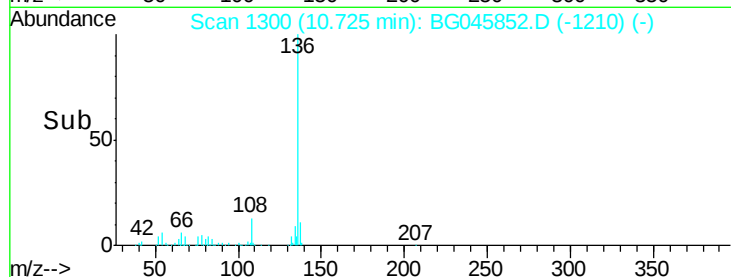
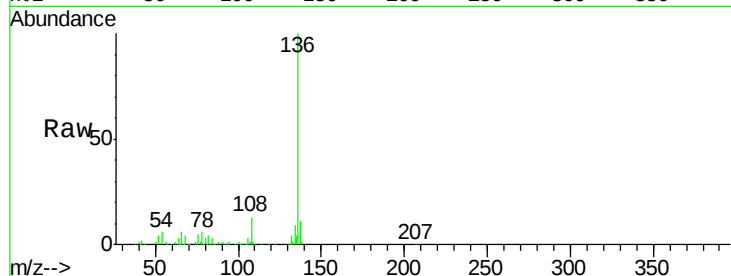




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

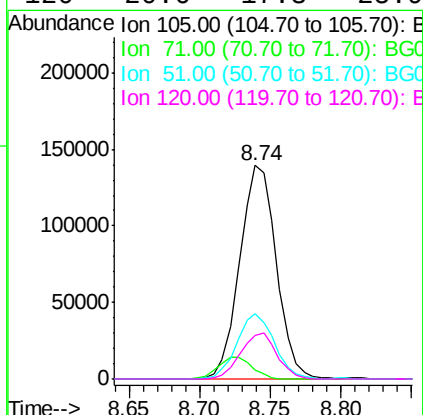
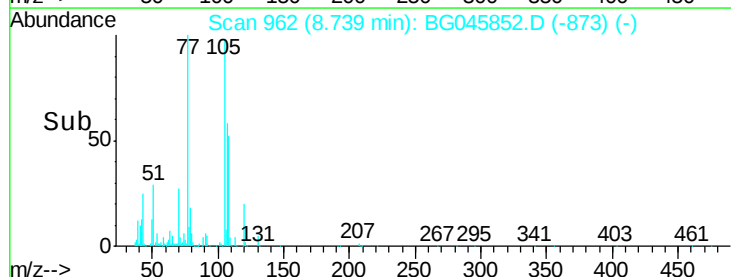
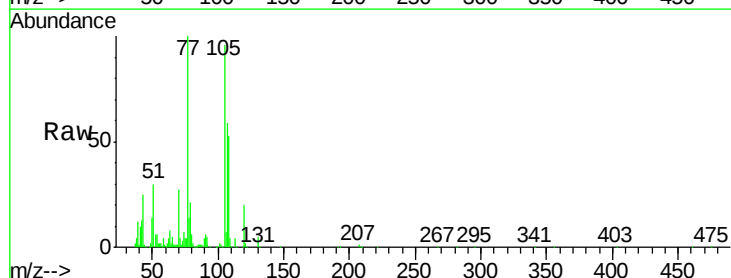
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

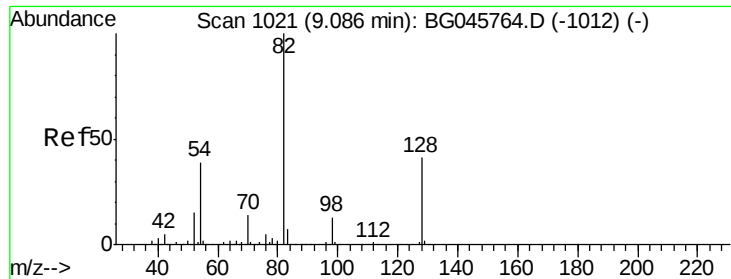
Tot Ion:136	Resp: 214058
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 5.9	5.8 8.6
68 4.1	4.0 6.0



#22
Acetophenone
Concen: 42.966 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt	Ion:105	Resp:	252437
Ion	Ratio	Lower	Upper
105	100		
71	4.0	1.8	2.8#
51	30.7	21.9	32.9
120	20.6	17.3	25.9

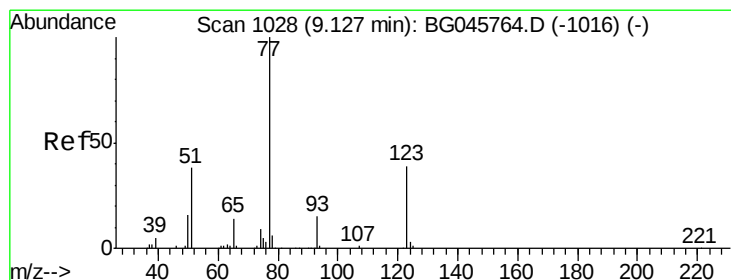
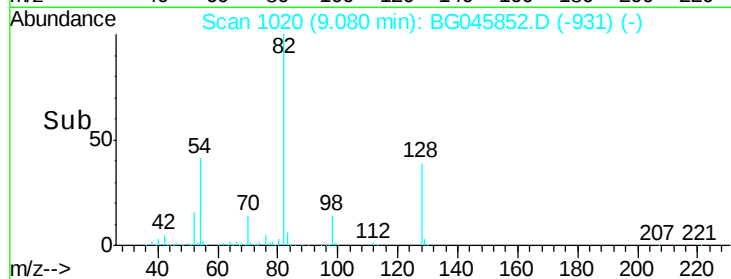
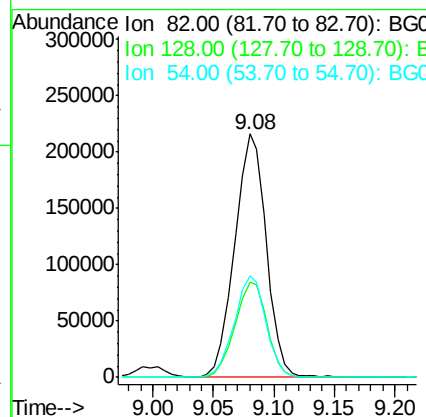
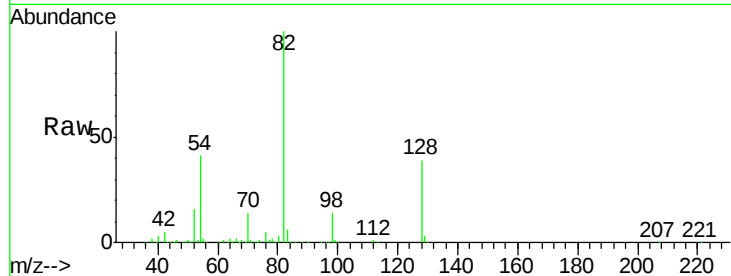




#23
 Nitrobenzene-d5
 Concen: 83.974 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

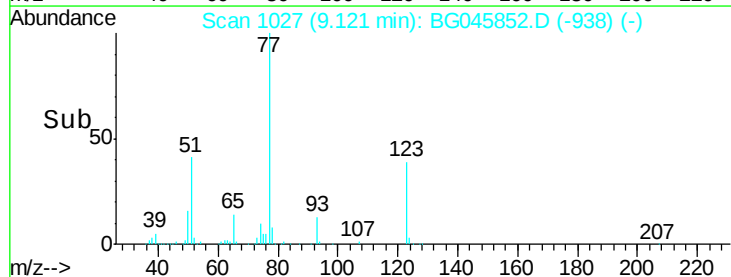
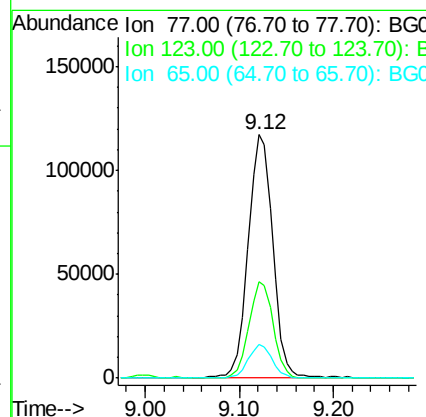
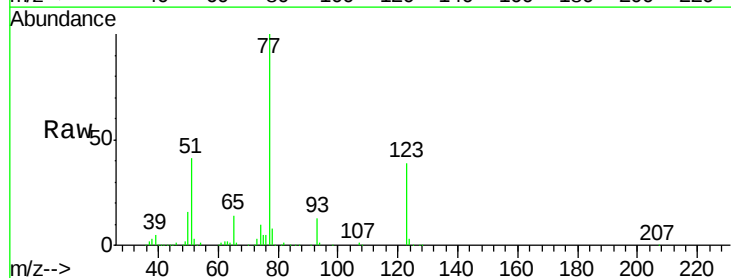
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

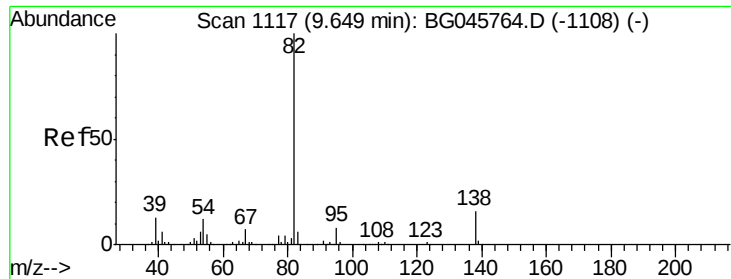
Tot Ion	82	Resp	393474
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.5	48.7
54	41.4	31.2	46.8



#24
 Nitrobenzene
 Concen: 42.615 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	77	Resp	212907
Ion Ratio	Lower	Upper	
77	100		
123	39.4	31.2	46.8
65	14.0	11.4	17.2

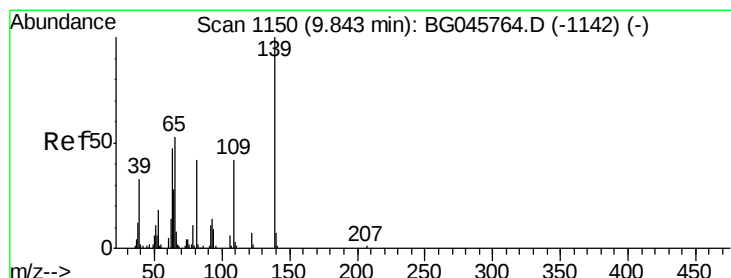
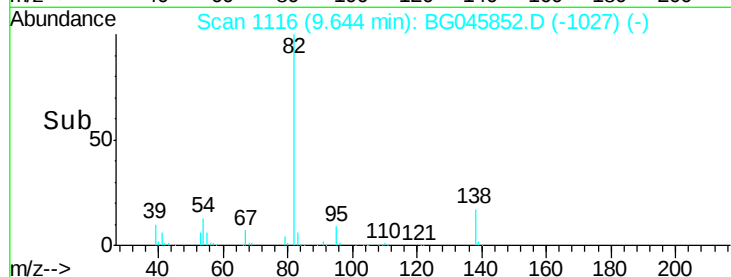
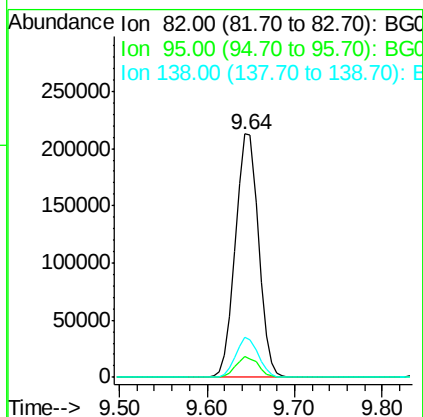
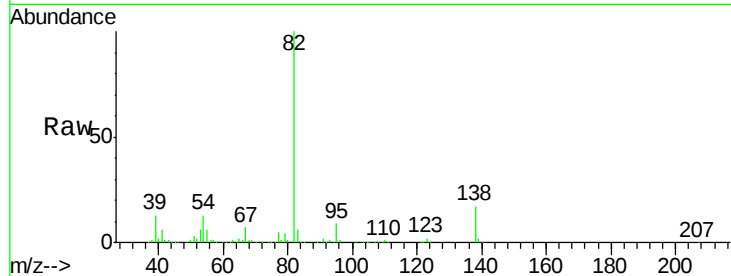




#25
Isophorone
Concen: 41.869 ng
RT: 9.64 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

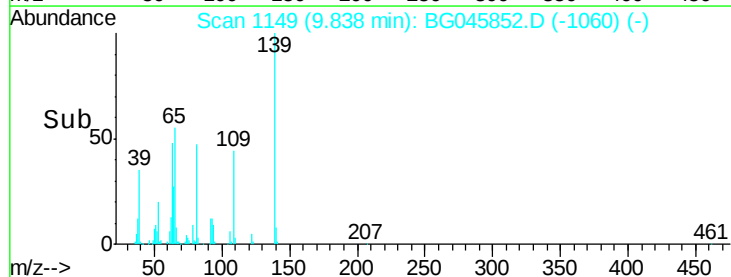
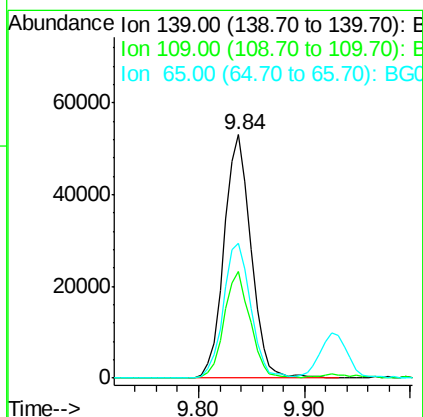
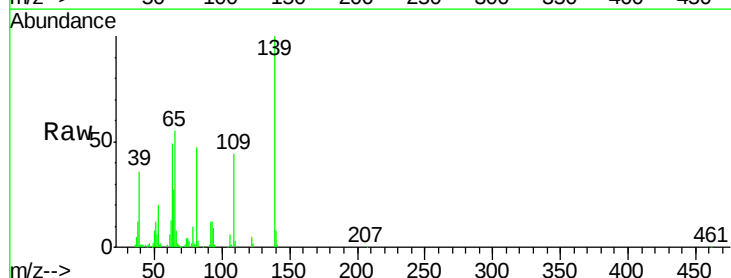
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

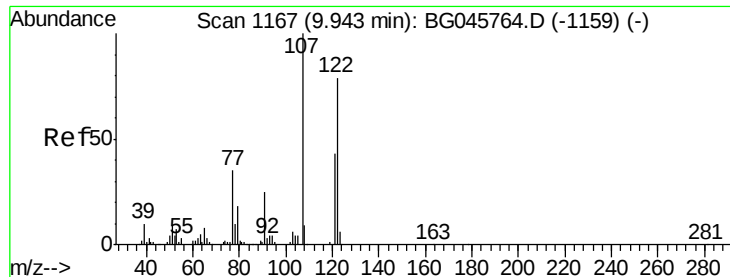
Tot Ion: 82 Resp: 379796
Ion Ratio Lower Upper
82 100
95 8.7 6.2 9.4
138 16.6 12.6 18.8



#26
2-Nitrophenol
Concen: 44.958 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion: 139 Resp: 93578
Ion Ratio Lower Upper
139 100
109 43.9 33.5 50.3
65 55.4 42.2 63.4

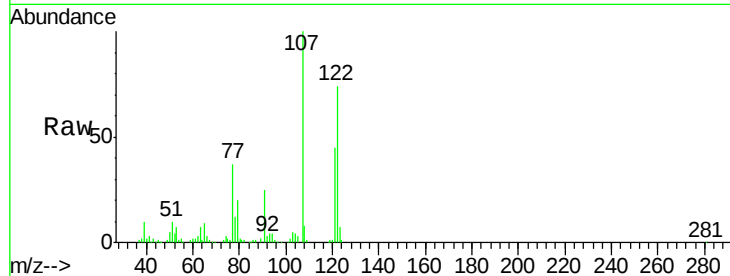




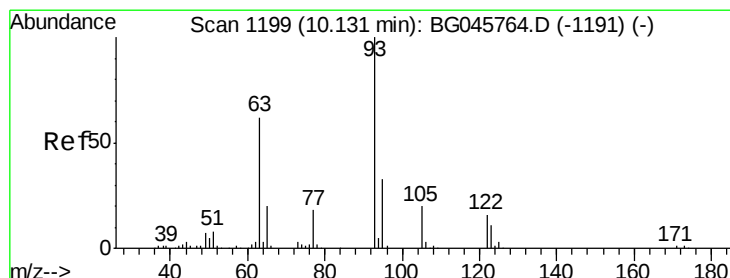
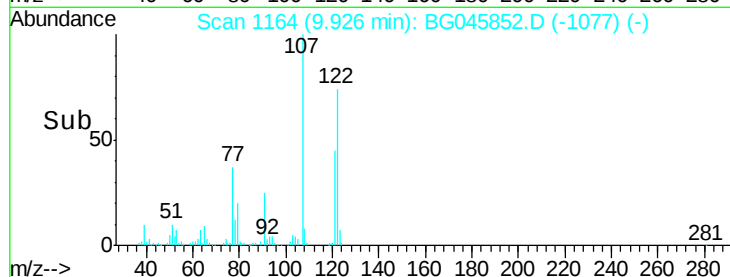
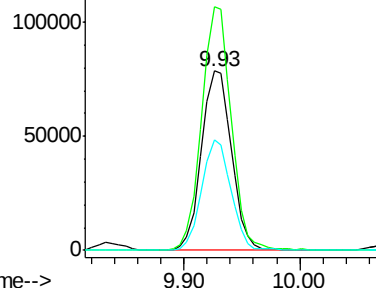
#27
 2,4-Dimethylphenol
 Concen: 44.869 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.8	101.3	151.9
121	61.7	43.9	65.9

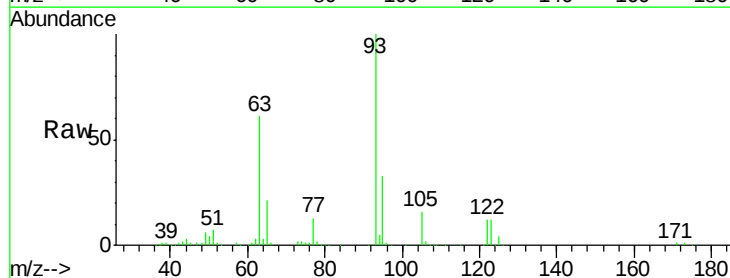


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

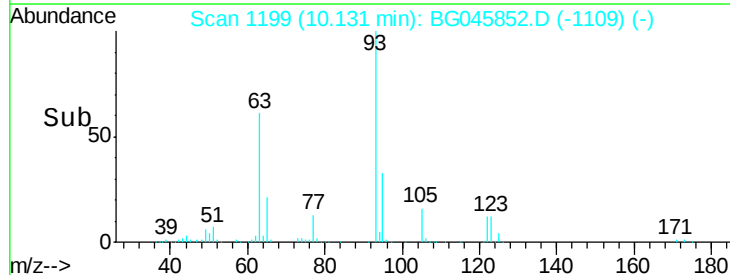
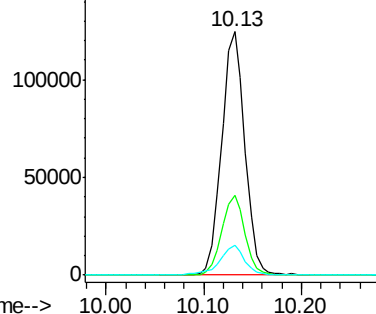


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.963 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	12.3	9.3	13.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

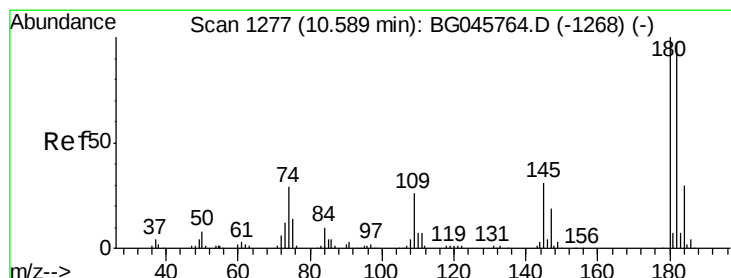
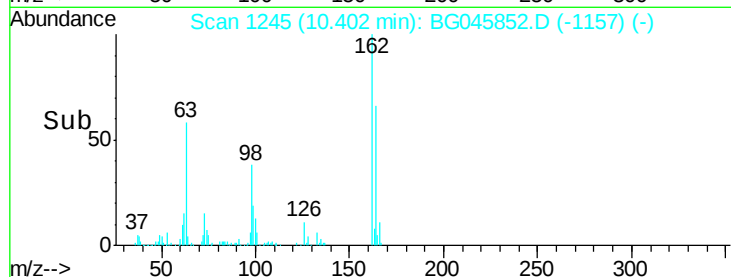
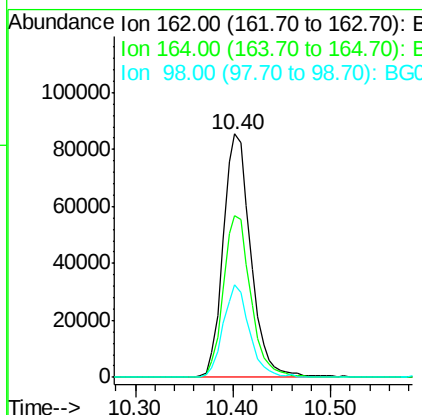
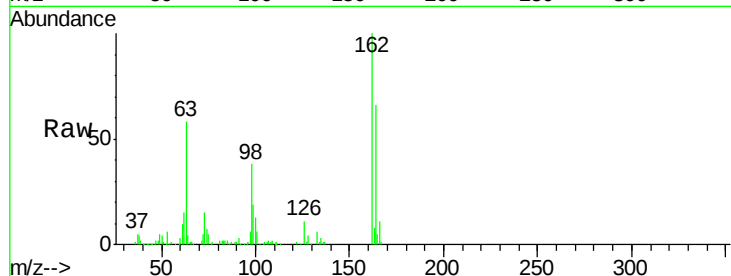




#29
 2,4-Dichlorophenol
 Concen: 45.275 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

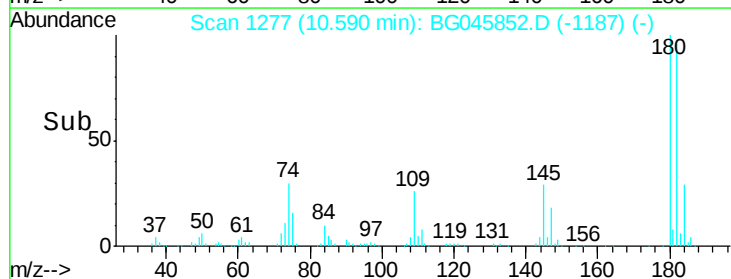
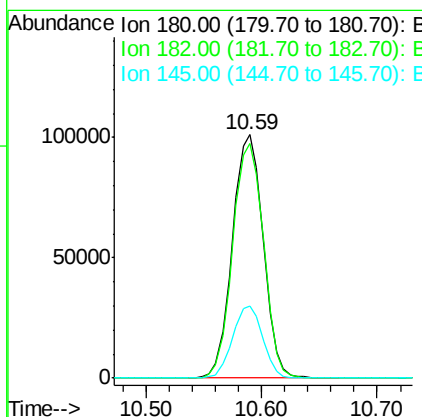
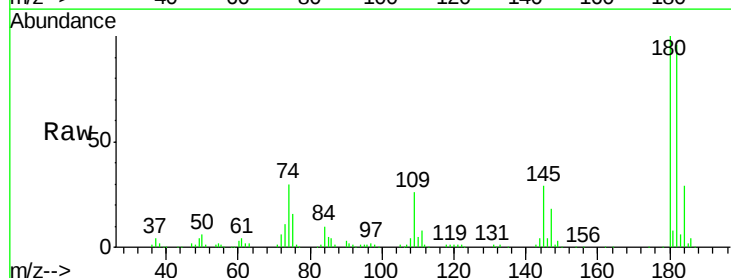
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

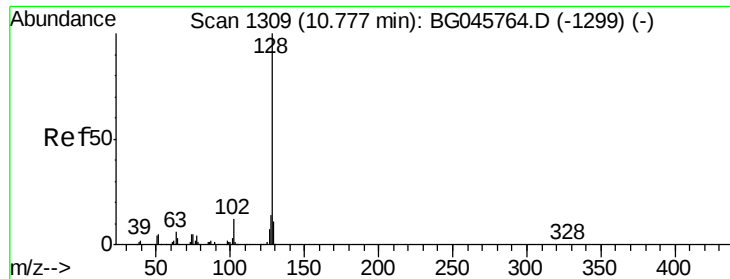
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	43.3	83.3
98	38.1	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.479 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.8	116.6
145	29.5	24.5	36.7

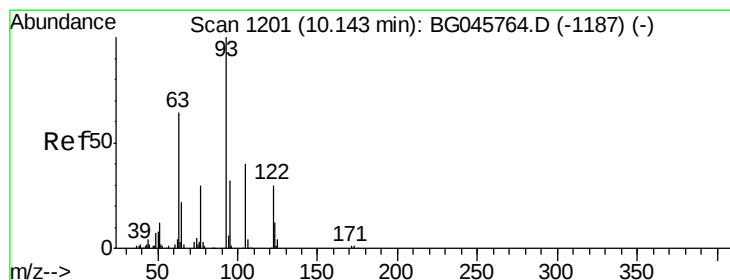
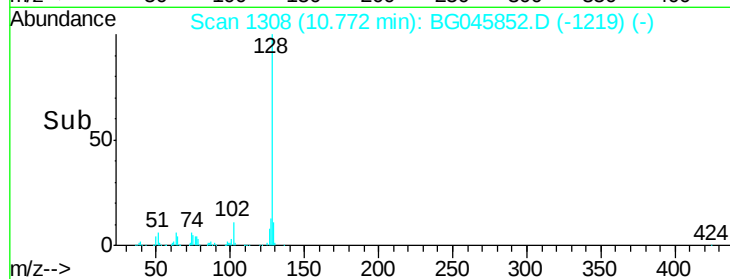
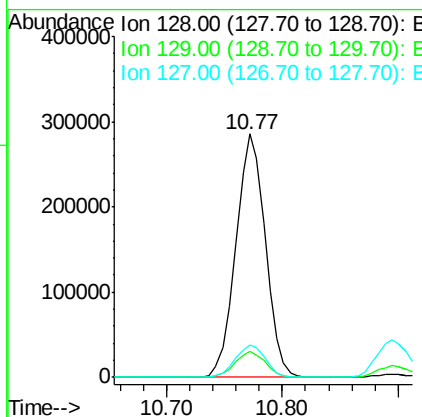
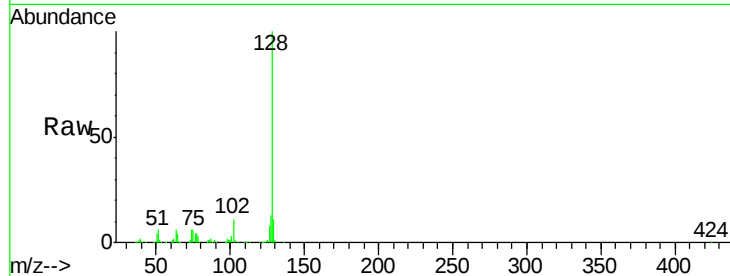




#31
Naphthalene
Concen: 43.063 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

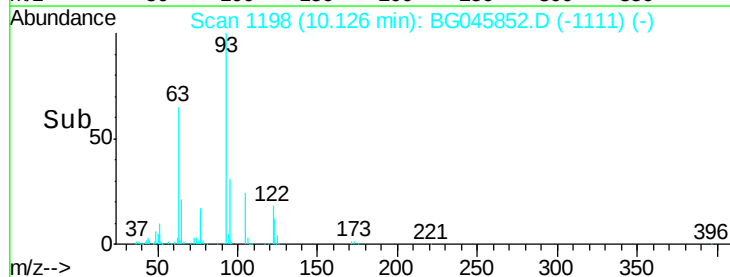
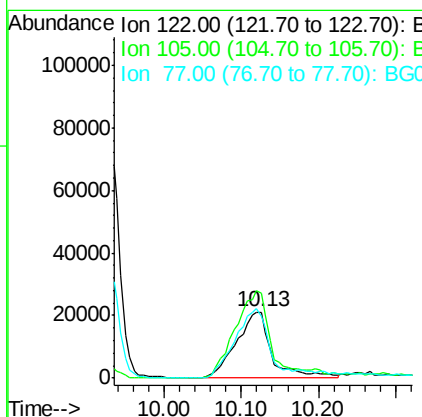
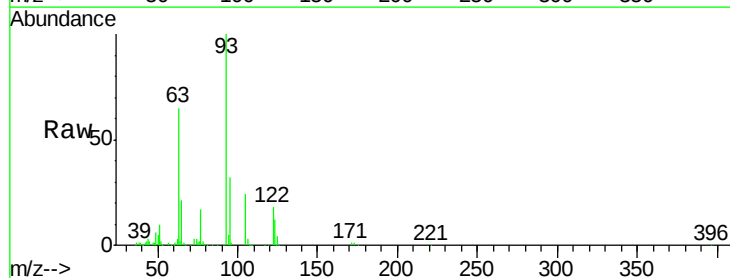
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

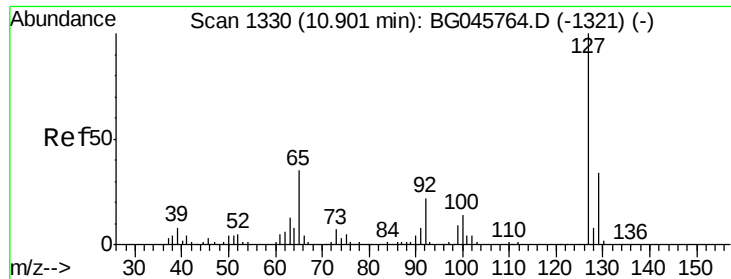
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.3	10.9	16.3



#32
Benzoic acid
Concen: 36.072 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	112.9	152.9
77	94.8	79.2	119.2

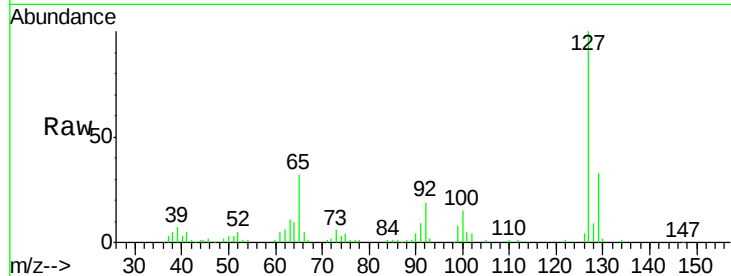




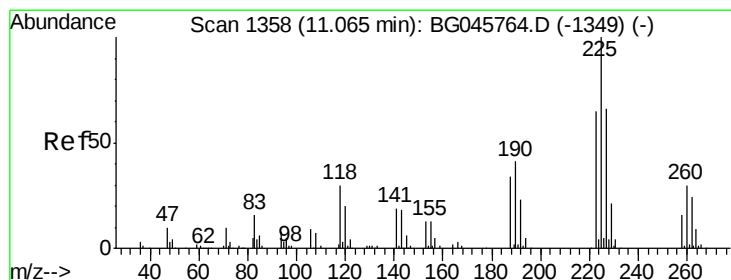
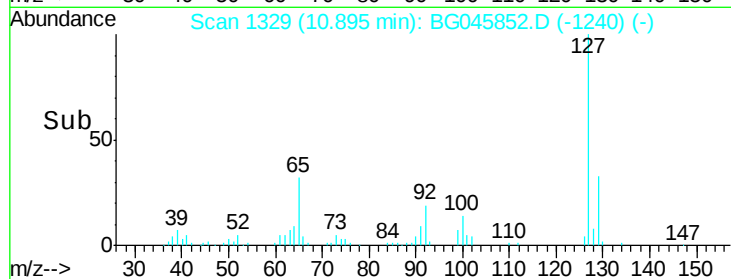
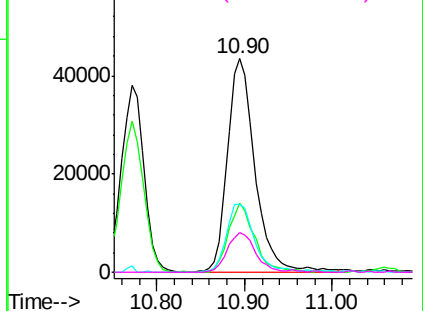
#33
4-Chloroaniline
Concen: 19.022 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion:	127	Resp:	93224
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.8	40.2
65	32.0	27.8	41.8
92	18.7	17.3	25.9

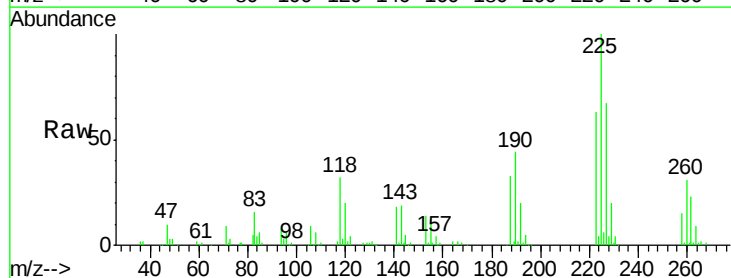


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

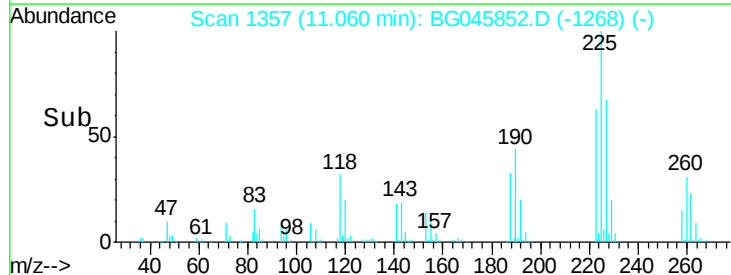
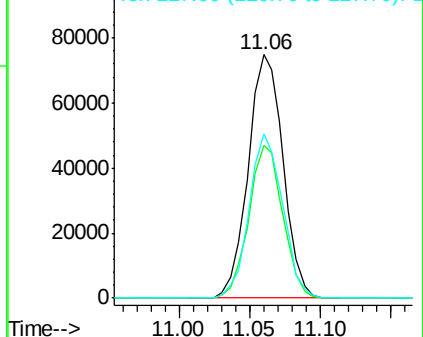


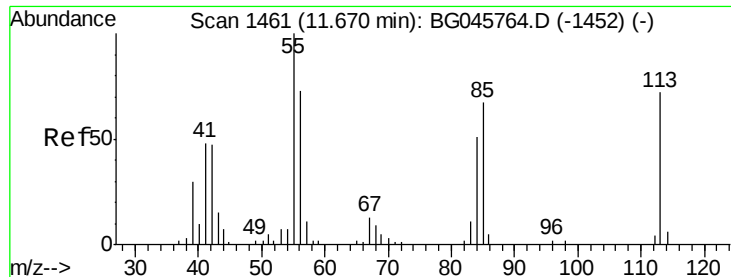
#34
Hexachlorobutadiene
Concen: 41.492 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion:	225	Resp:	129519
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.0	78.0
227	67.4	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

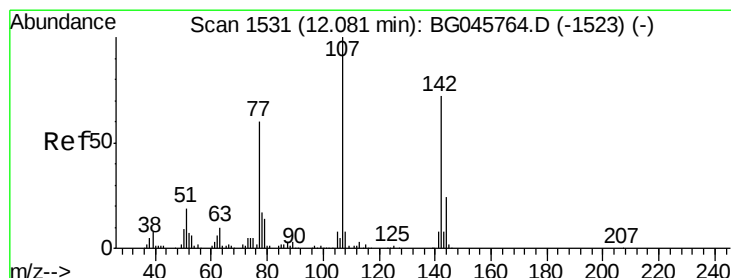
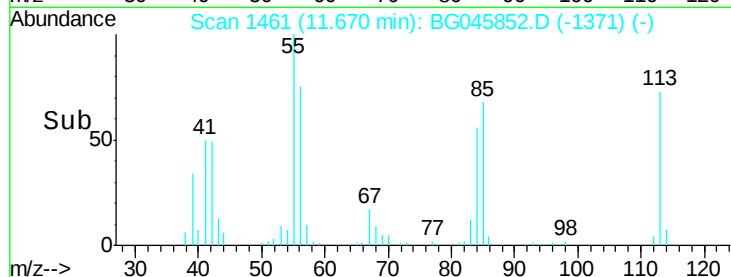
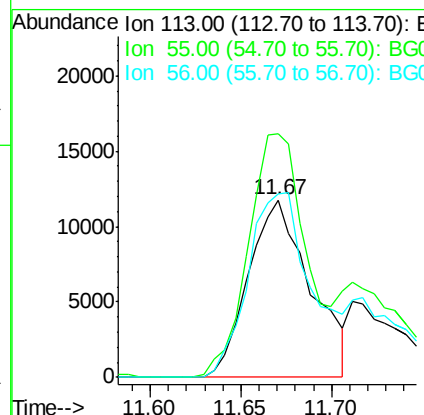
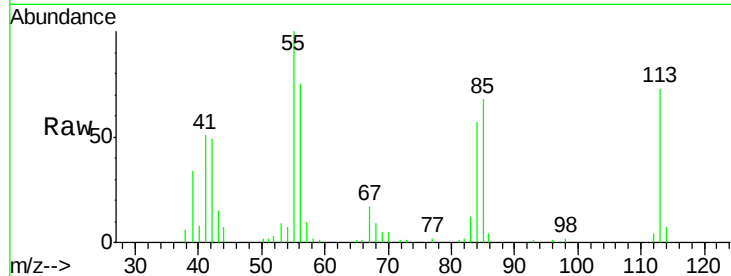




#35
 Caprolactam
 Concen: 23.198 ng
 RT: 11.67 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

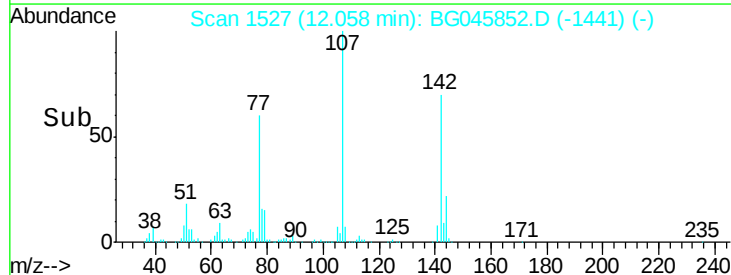
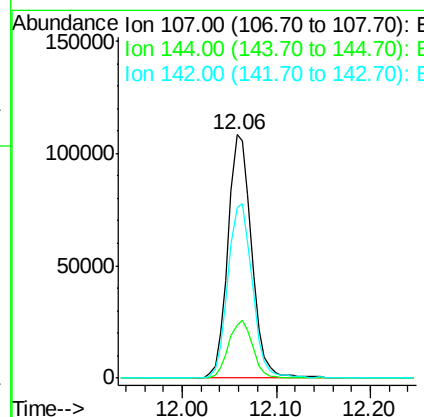
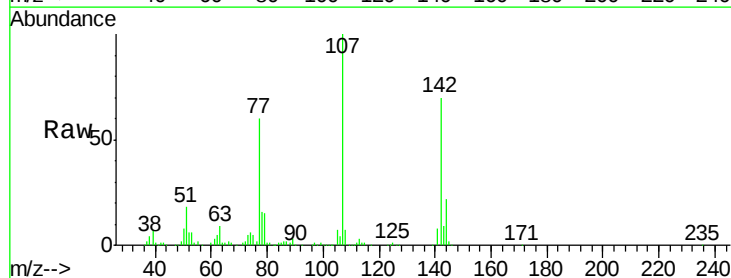
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

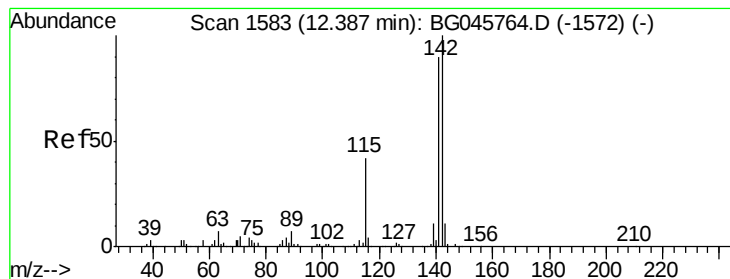
Tot Ion:113 Resp: 27833
 Ion Ratio Lower Upper
 113 100
 55 137.4 119.7 159.7
 56 103.4 82.5 122.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.648 ng
 RT: 12.06 min Scan# 1527
 Delta R.T. -0.02 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion:107 Resp: 191129
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.5 29.3
 142 69.8 57.4 86.0





#37

2-Methylnaphthalene

Concen: 43.493 ng

RT: 12.38 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

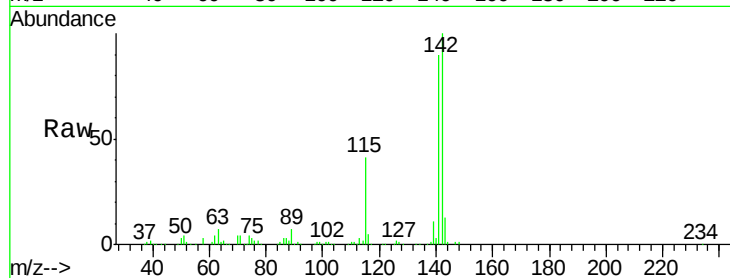
Tot Ion:142 Resp: 379018

Ion Ratio Lower Upper

142 100

141 90.2 71.7 107.5

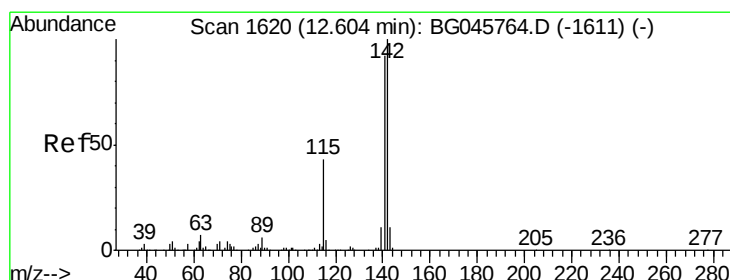
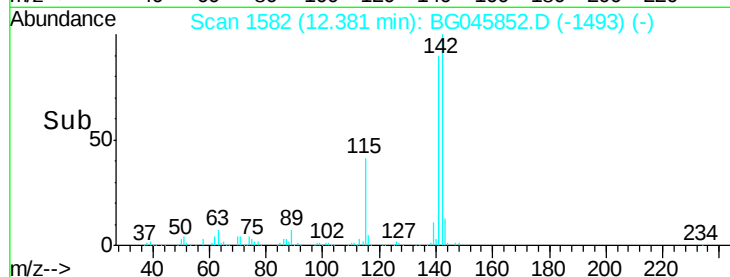
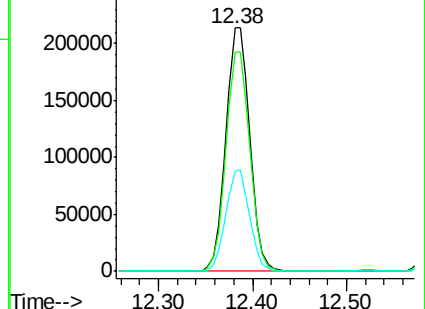
115 41.2 33.8 50.6



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: 43.784 ng

RT: 12.60 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

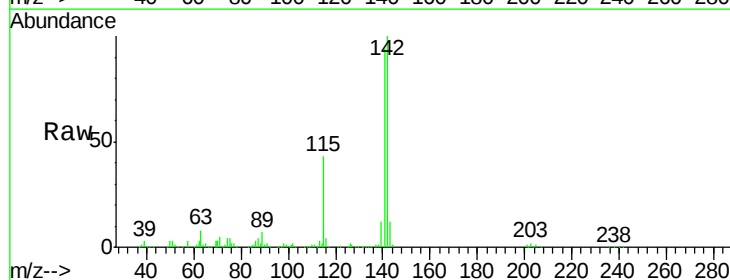
Tgt Ion:142 Resp: 361073

Ion Ratio Lower Upper

142 100

141 93.7 73.8 110.8

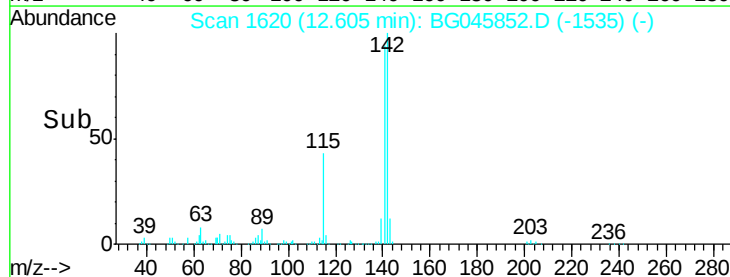
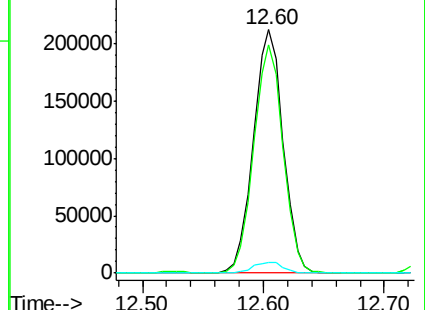
116 4.4 3.8 5.8

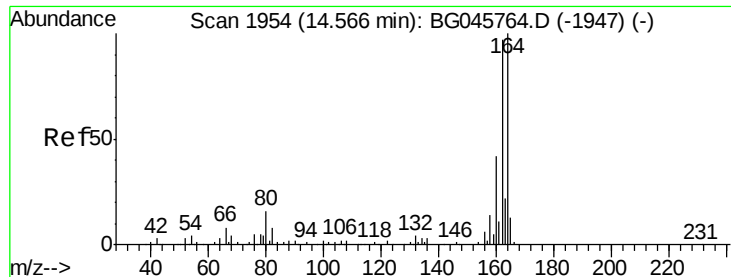


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

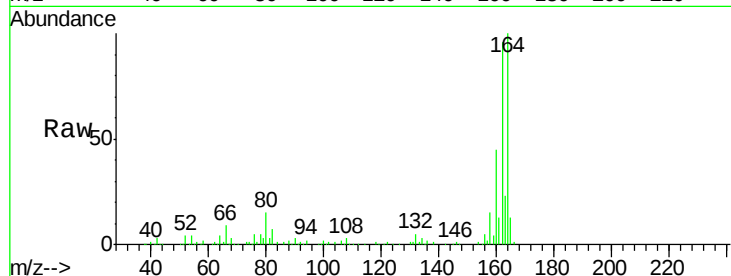
Tot Ion:164 Resp: 151985

Ion Ratio Lower Upper

164 100

162 96.2 77.4 116.0

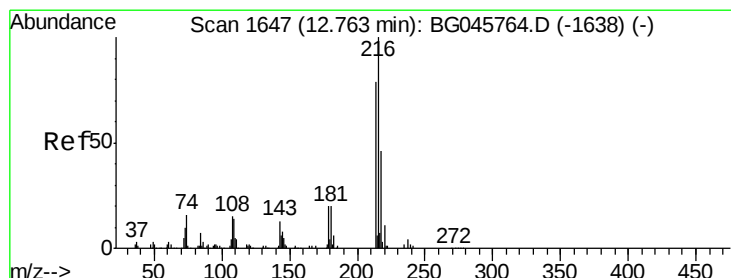
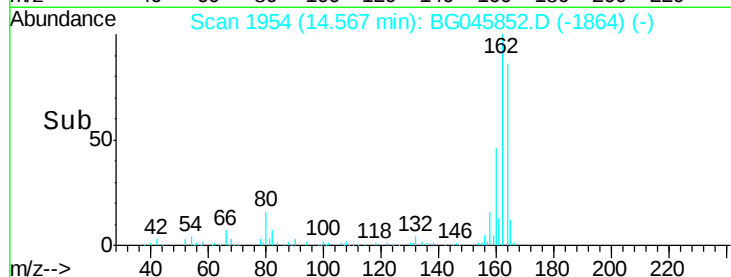
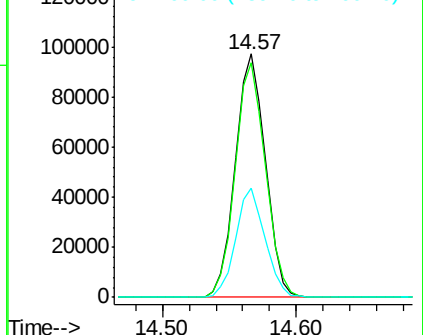
160 44.6 33.3 49.9



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: 43.463 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:216 Resp: 217508

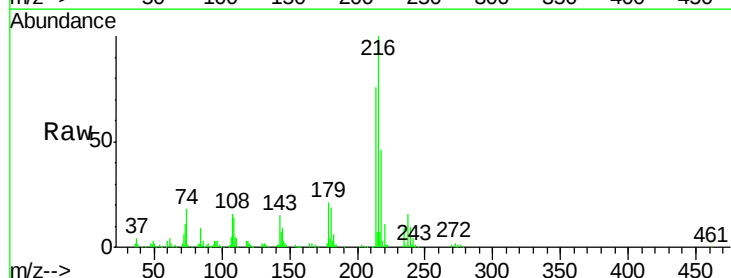
Ion Ratio Lower Upper

216 100

214 77.2 62.8 94.2

179 20.1 16.2 24.4

108 18.9 13.4 20.2

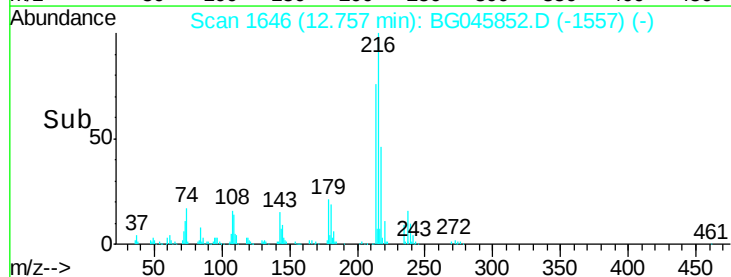
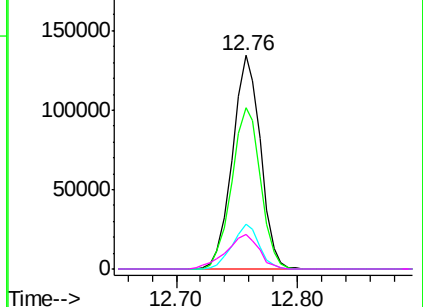


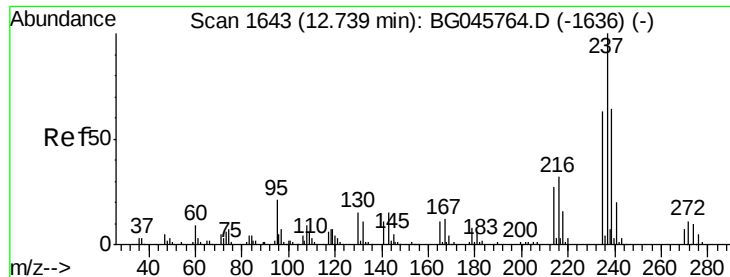
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.488 ng

RT: 12.73 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

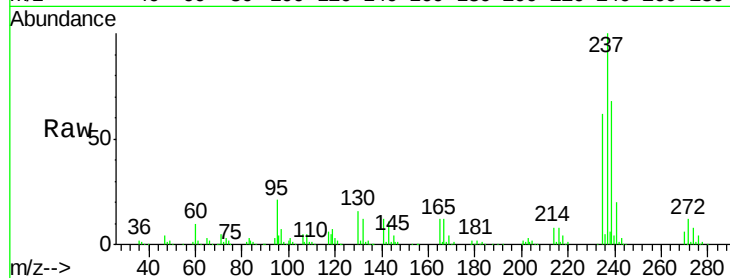
Tot Ion:237 Resp: 219564

Ion Ratio Lower Upper

237 100

235 62.4 42.9 82.9

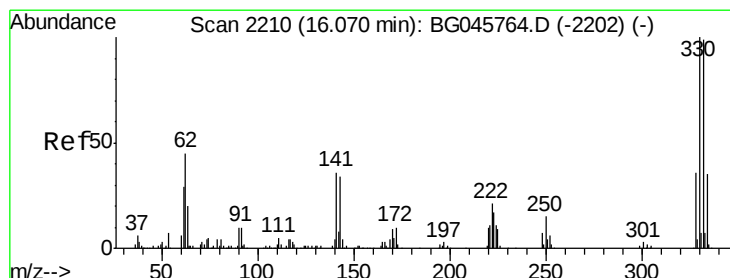
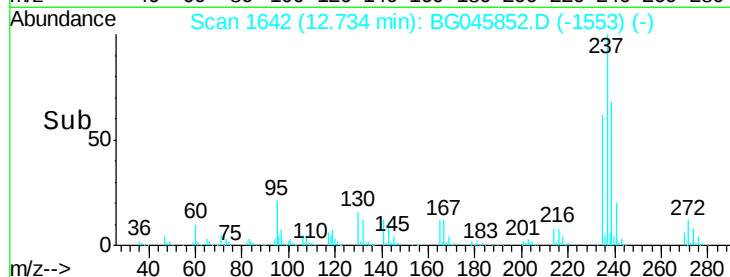
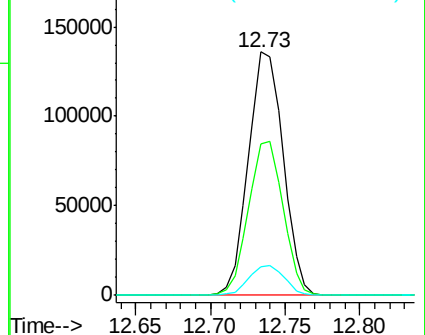
272 11.8 0.0 30.9



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: 123.373 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

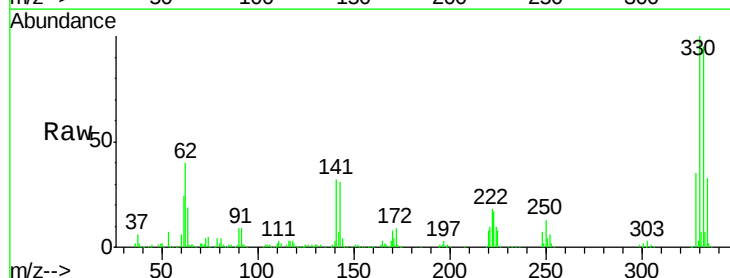
Tgt Ion:330 Resp: 283089

Ion Ratio Lower Upper

330 100

332 96.8 78.6 117.8

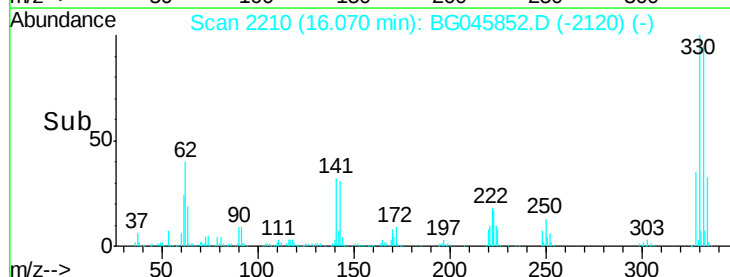
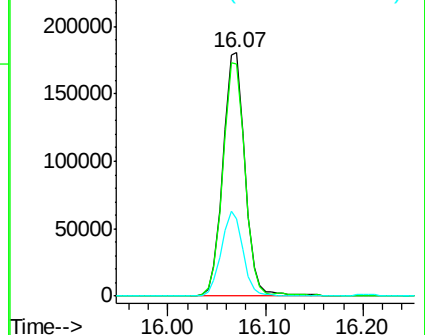
141 33.8 28.2 42.4

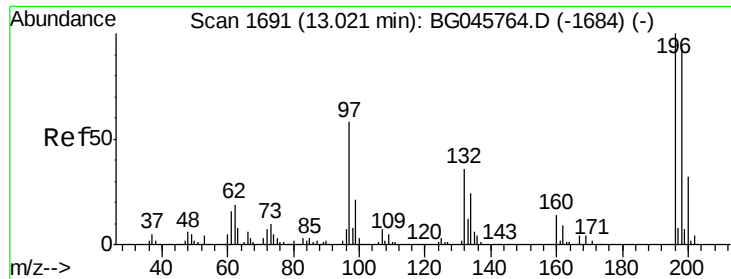


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

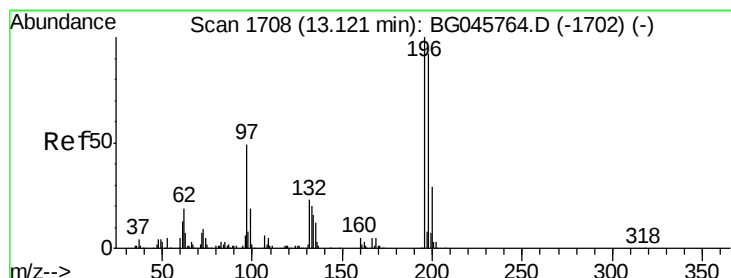
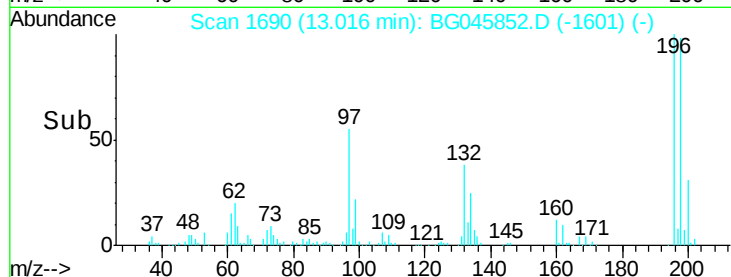
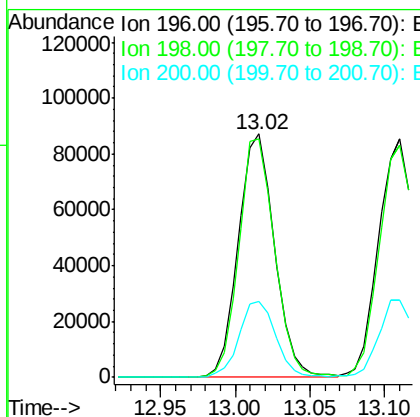
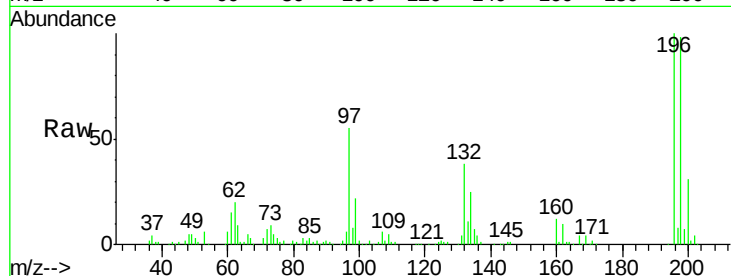




#43
 2,4,6-Trichlorophenol
 Concen: 43.290 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

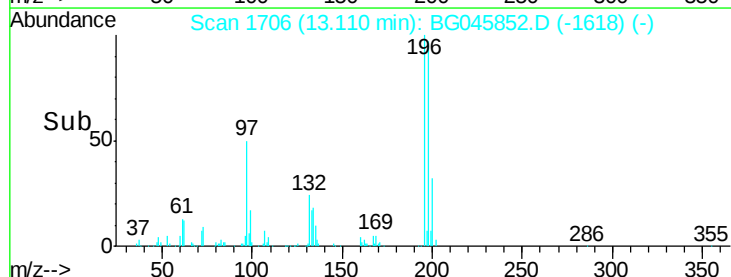
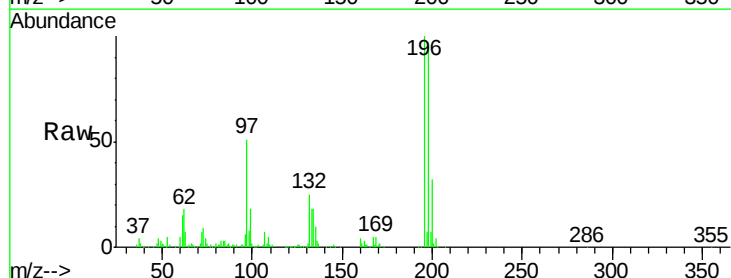
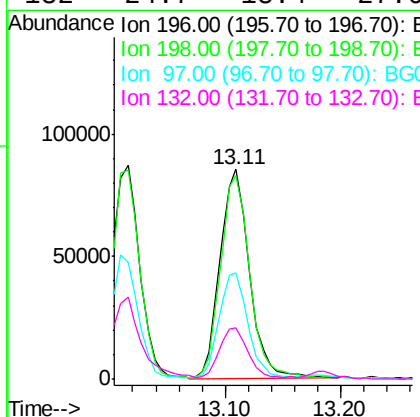
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

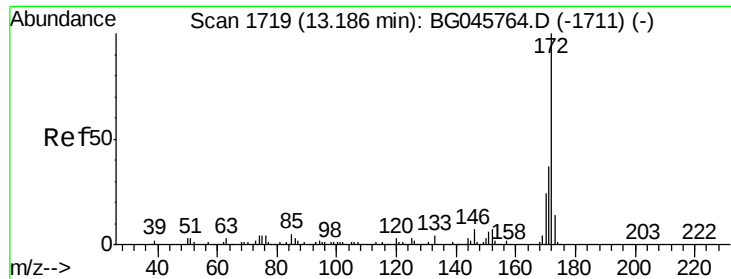
Tot Ion	196	Resp	146887
Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.4	111.6
200	31.0	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 38.646 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	196	Resp	149449
Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.0	111.0
97	50.9	39.0	58.6
132	24.7	18.4	27.6

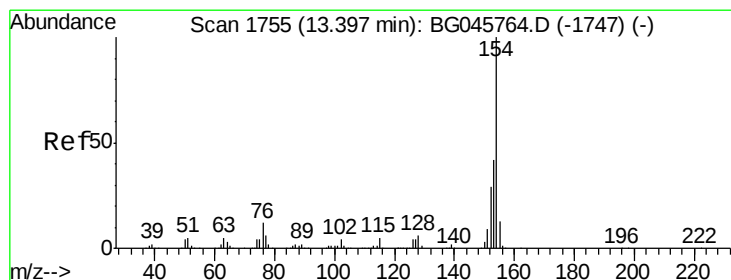
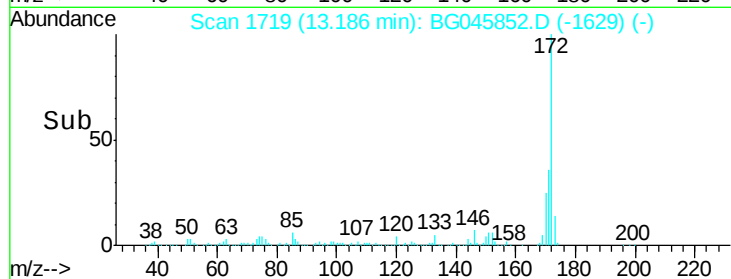
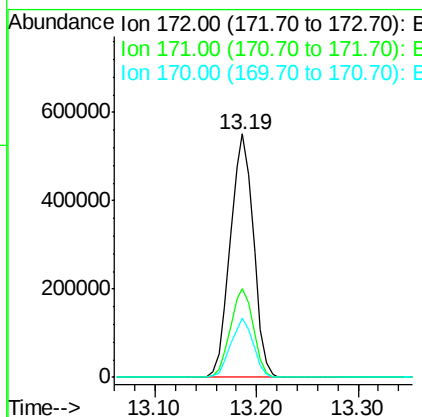
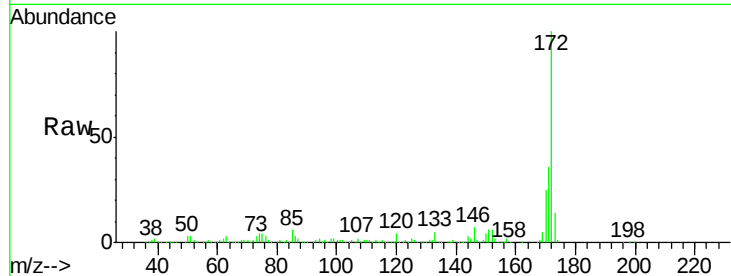




#45
2-Fluorobiphenyl
Concen: 84.033 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

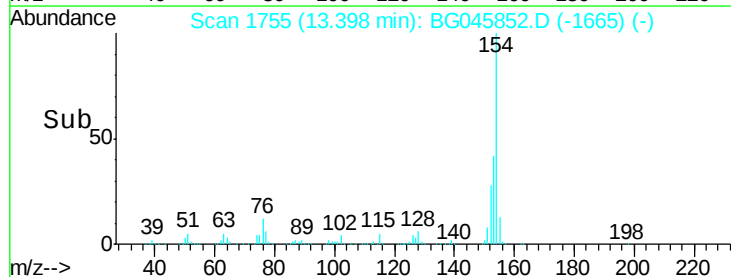
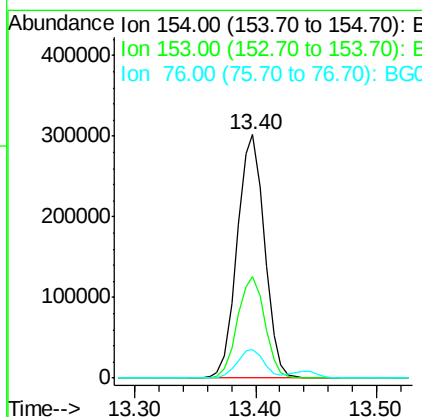
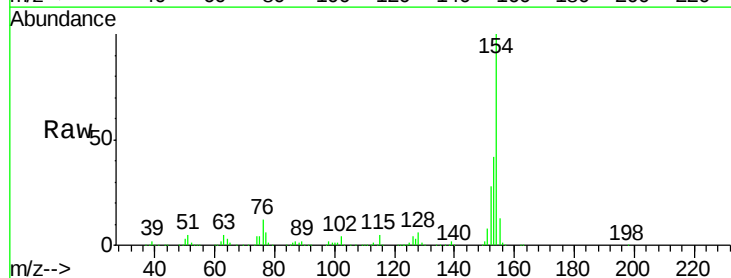
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

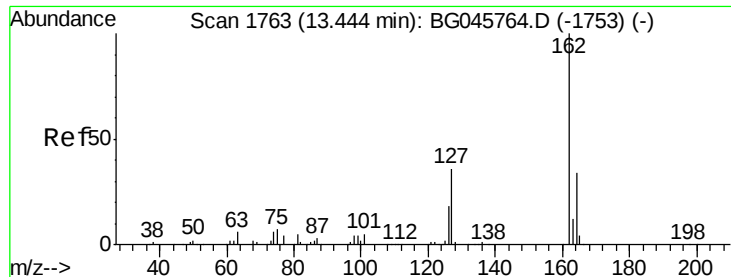
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.5	19.3	28.9



#46
1,1'-Biphenyl
Concen: 43.817 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.7	61.7
76	11.7	0.0	32.0

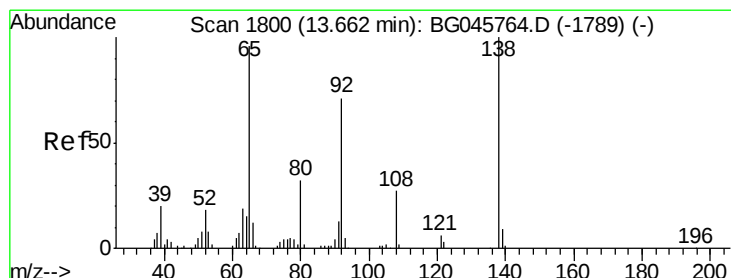
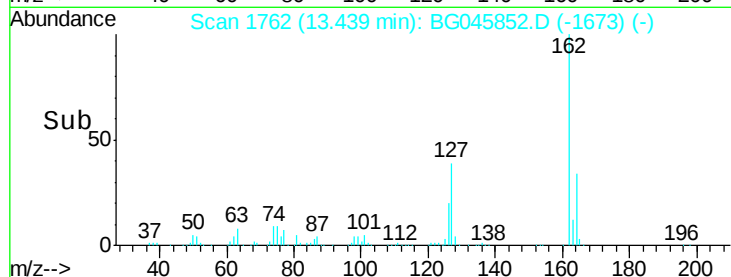
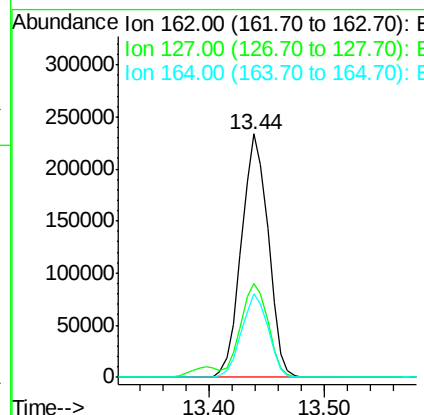
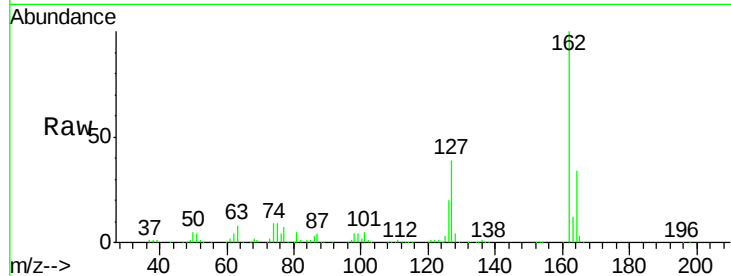




#47
2-Chloronaphthalene
Concen: 42.743 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

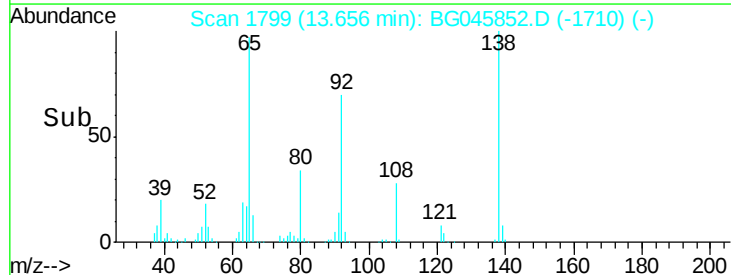
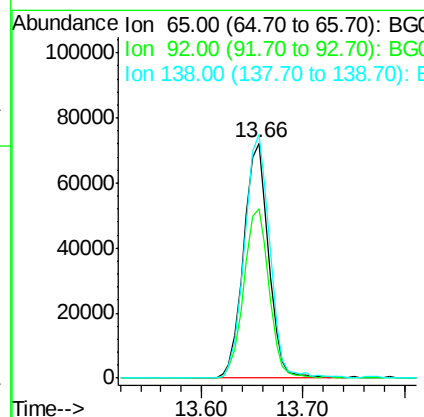
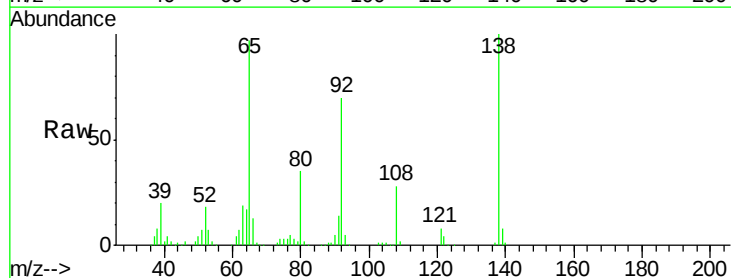
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion:162 Resp: 375696
Ion Ratio Lower Upper
162 100
127 38.8 30.5 45.7
164 34.3 27.2 40.8



#48
2-Nitroaniline
Concen: 42.355 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion: 65 Resp: 123837
Ion Ratio Lower Upper
65 100
92 72.1 59.0 88.6
138 103.5 83.6 125.4





#49

Acenaphthylene

Concen: 42.988 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

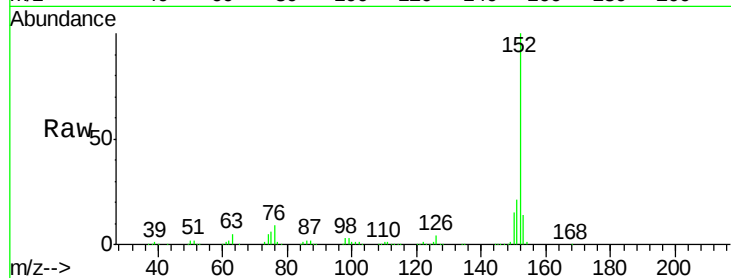
Tot Ion:152 Resp: 605218

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

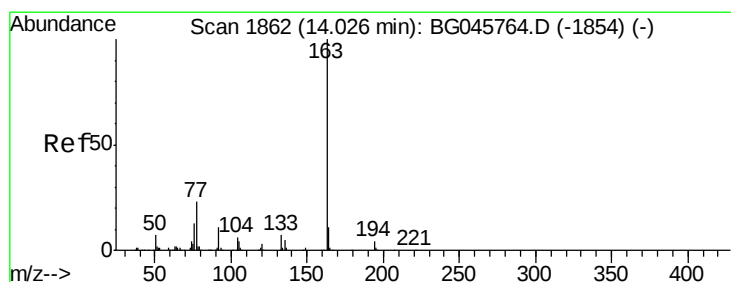
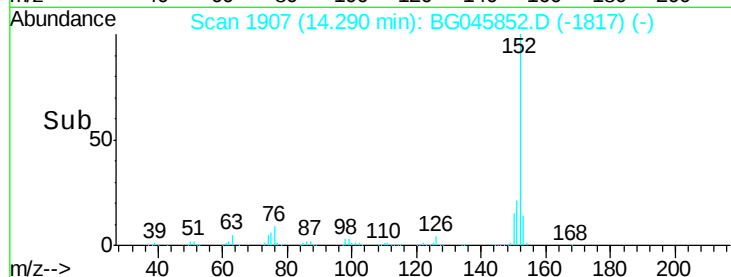
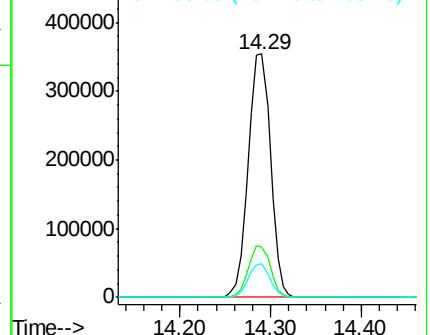
153 13.7 10.6 15.8



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: 48.917 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

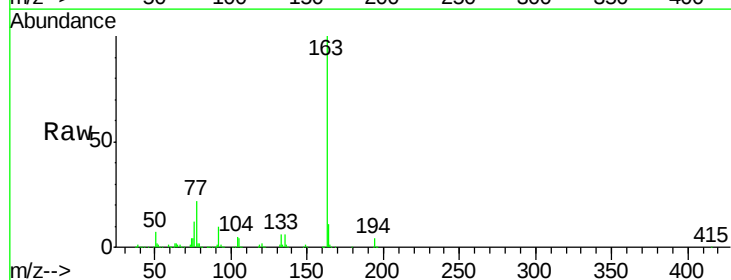
Tgt Ion:163 Resp: 582427

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

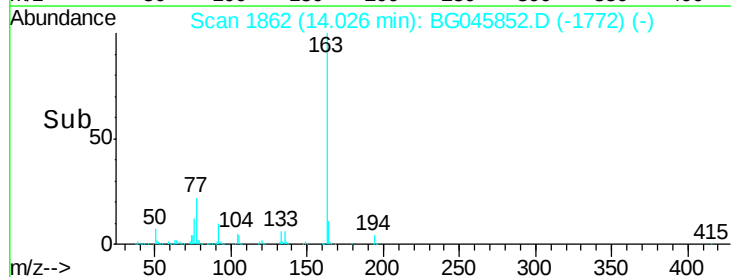
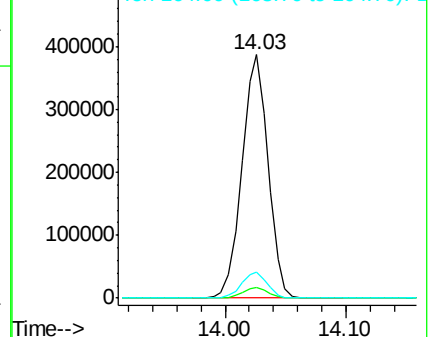
164 10.9 8.9 13.3

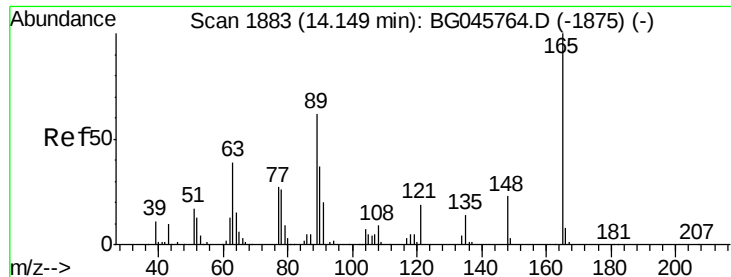


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

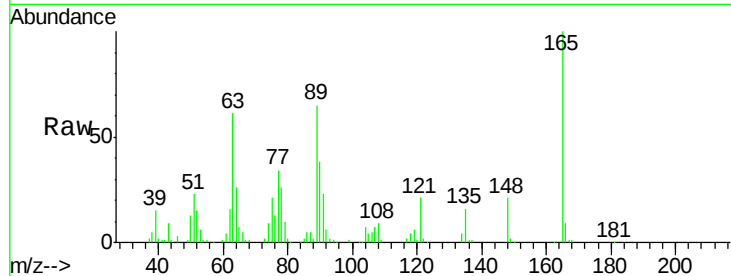




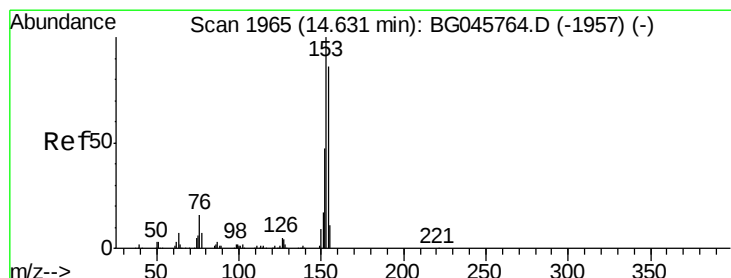
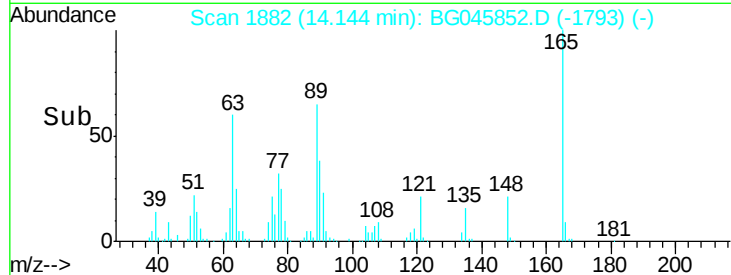
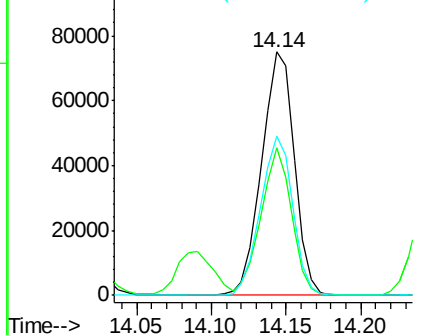
#51
2,6-Dinitrotoluene
Concen: 42.483 ng
RT: 14.14 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion:165 Resp: 113608
Ion Ratio Lower Upper
165 100
63 60.7 41.2 61.8
89 65.3 49.7 74.5

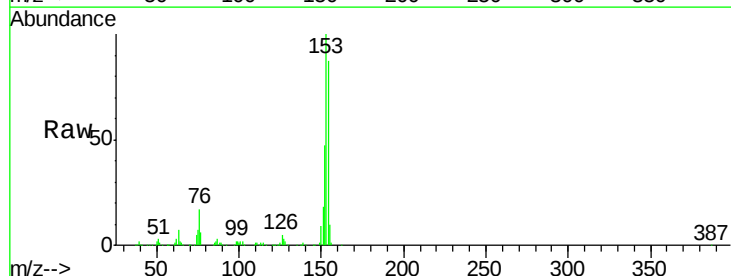


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

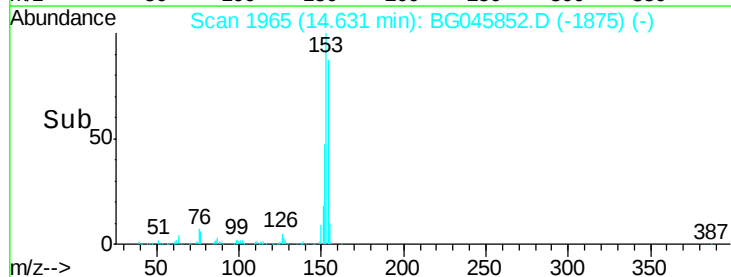
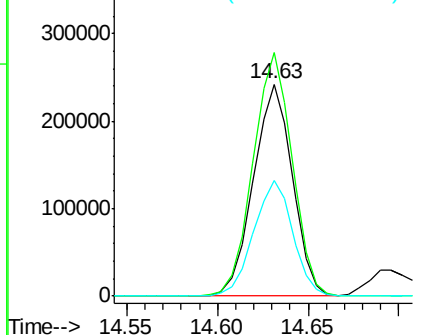


#52
Acenaphthene
Concen: 42.254 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion:154 Resp: 360592
Ion Ratio Lower Upper
154 100
153 114.9 93.0 139.4
152 54.4 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

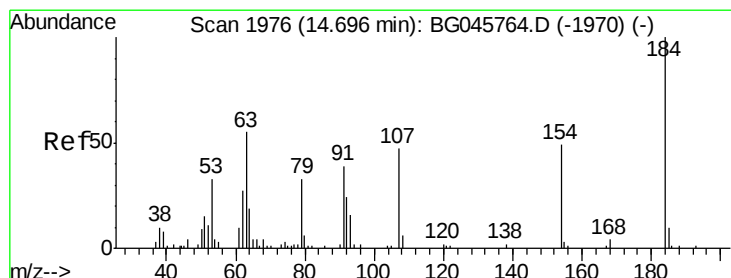
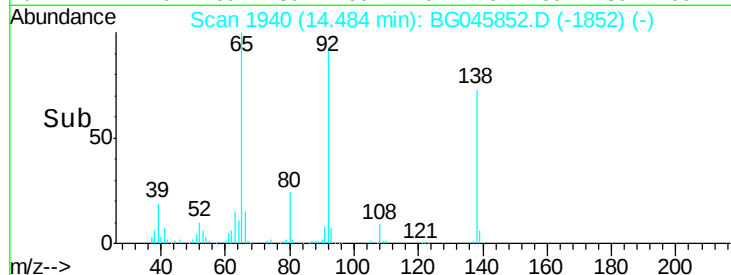
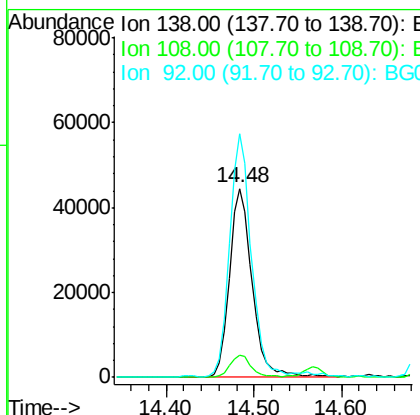
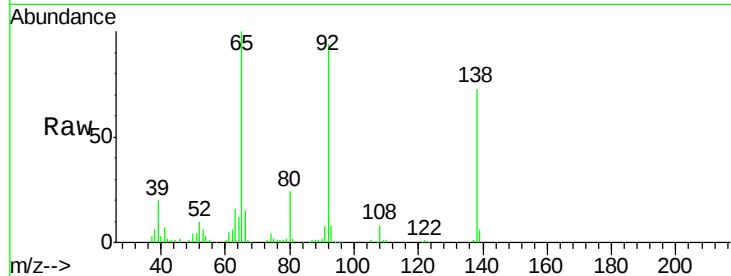




#53
3-Nitroaniline
Concen: 29.404 ng
RT: 14.48 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

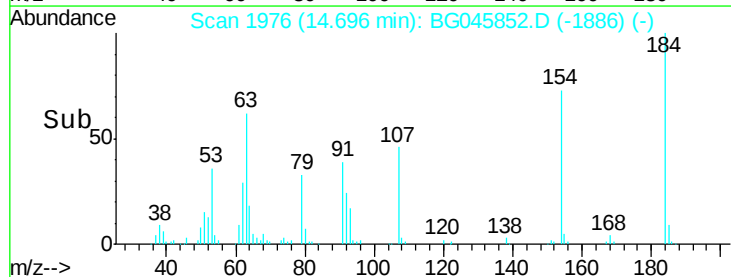
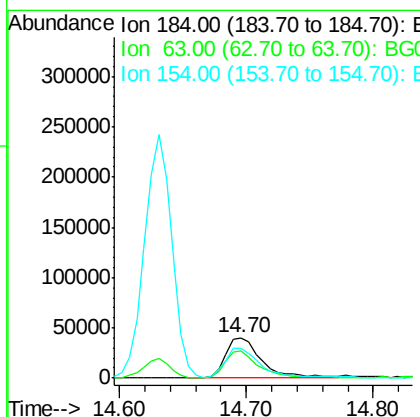
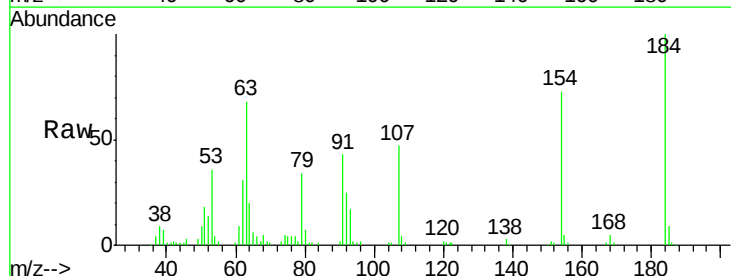
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

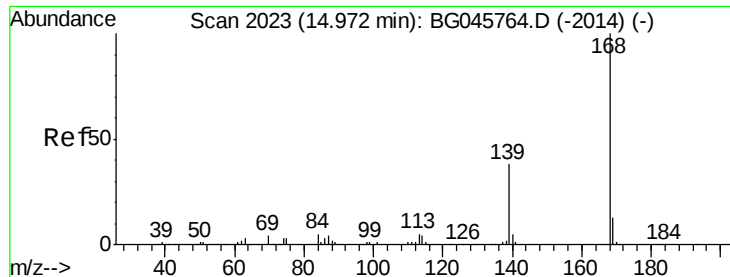
Tot Ion:138 Resp: 78543
Ion Ratio Lower Upper
138 100
108 11.7 8.4 12.6
92 129.0 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 56.809 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion:184 Resp: 79669
Ion Ratio Lower Upper
184 100
63 67.9 46.6 70.0
154 72.7 58.6 87.8

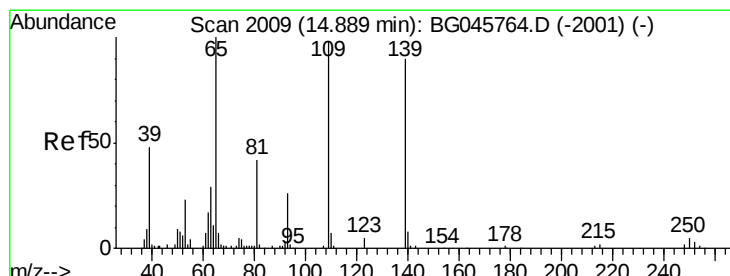
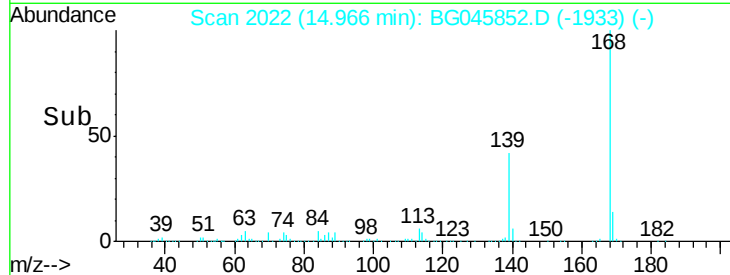
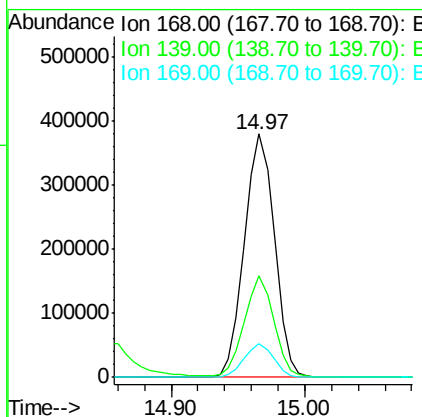
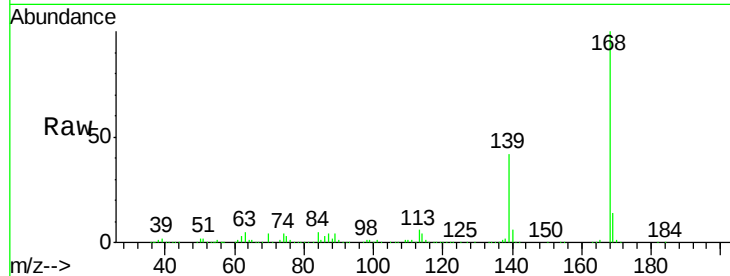




#55
Dibenzenofuran
Concen: 42.758 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

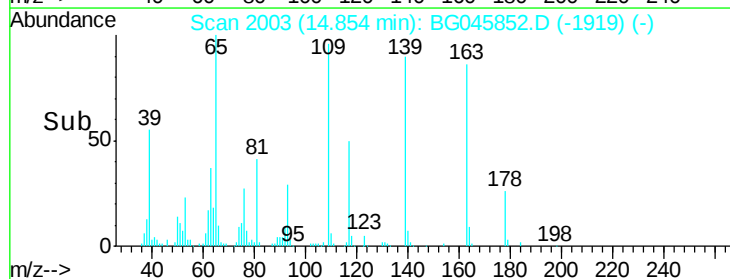
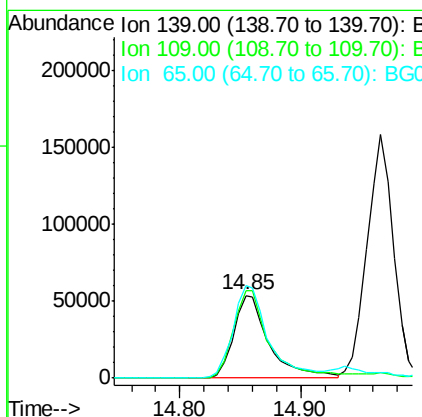
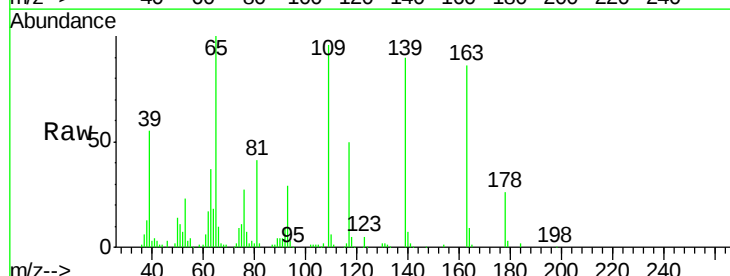
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

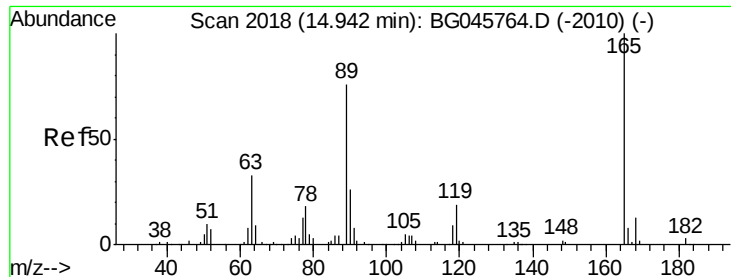
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.8	47.6
169	14.1	10.4	15.6



#56
4-Nitrophenol
Concen: 58.138 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.7	88.9	128.9
65	111.6	92.3	132.3

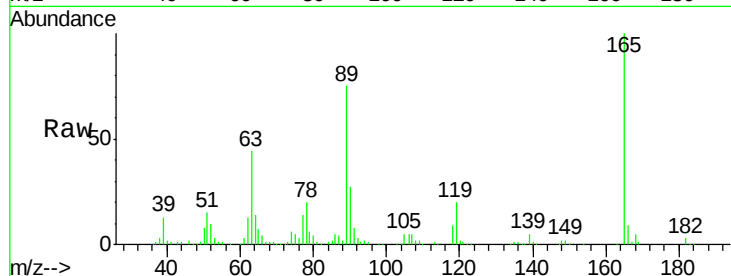




#57
2,4-Dinitrotoluene
Concen: 42.501 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion:	165	Resp:	162844
Ion	Ratio	Lower	Upper
165	100		
63	43.7	33.8	50.8
89	74.7	60.4	90.6
182	2.6	2.6	3.8

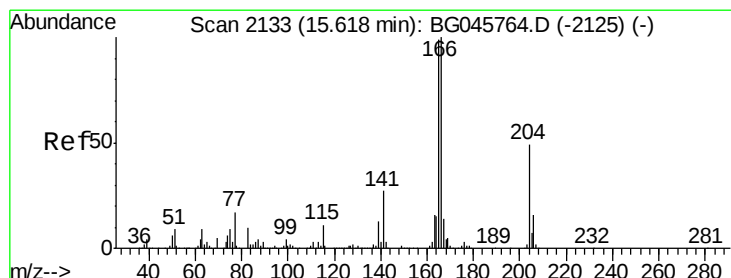
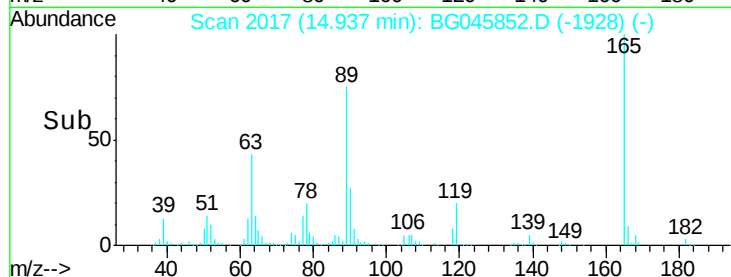
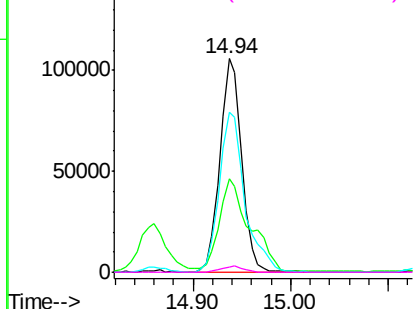


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

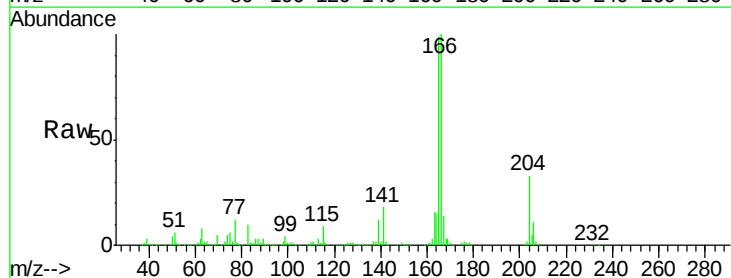
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.846 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

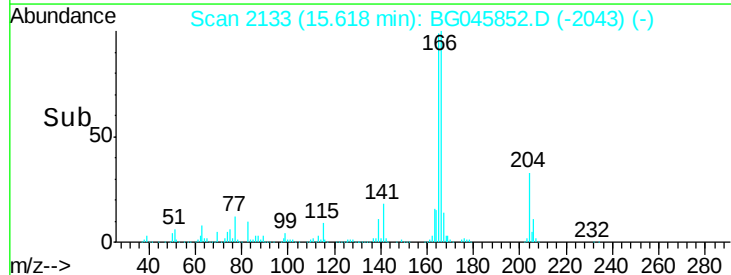
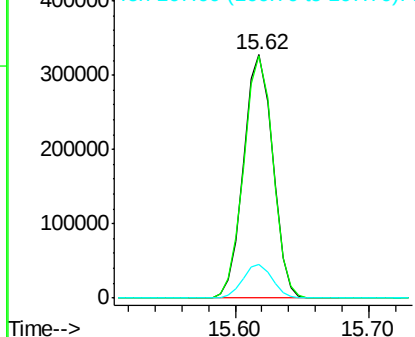
Tgt Ion:	166	Resp:	493922
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.1	118.7
167	13.7	11.5	17.3

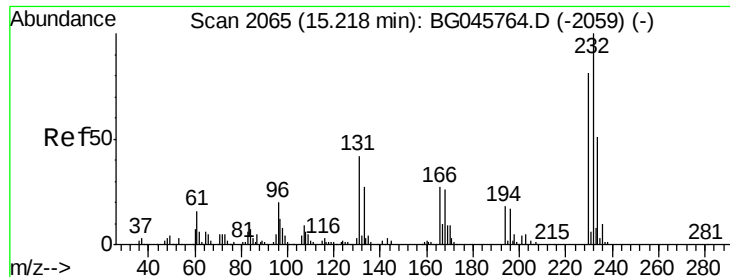


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

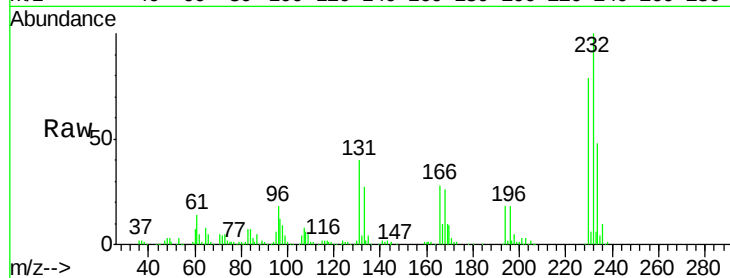




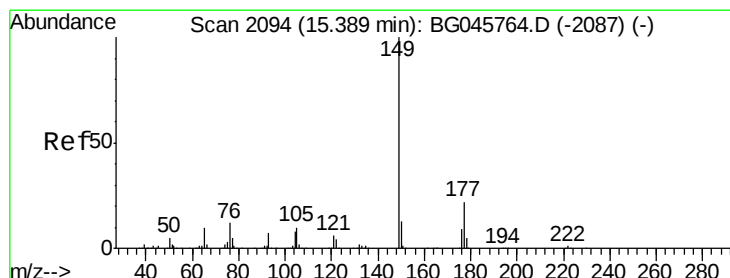
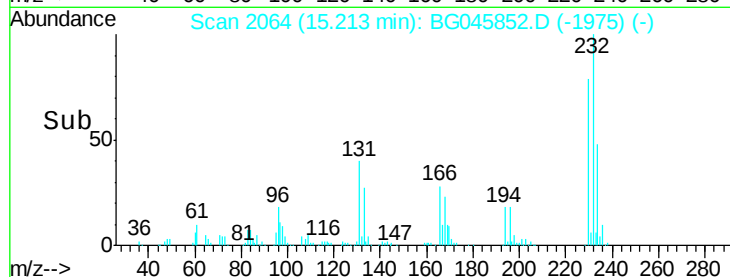
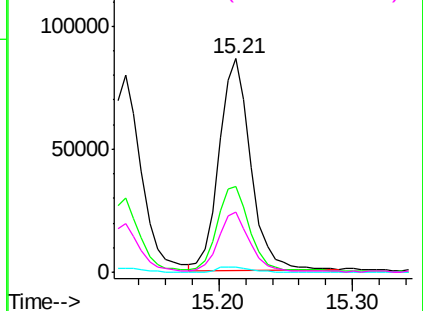
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.787 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion:	232	Resp:	143610
Ion	Ratio	Lower	Upper
232	100		
131	41.6	32.2	48.2
130	2.5	2.2	3.4
166	27.1	21.3	31.9

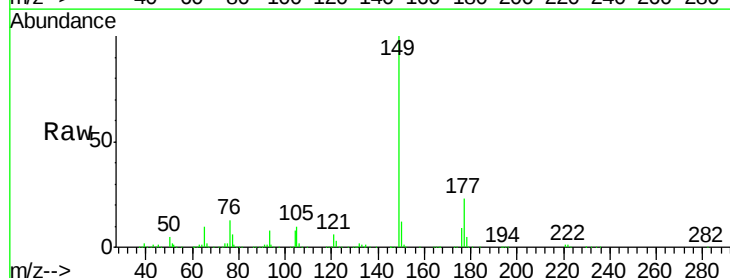


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

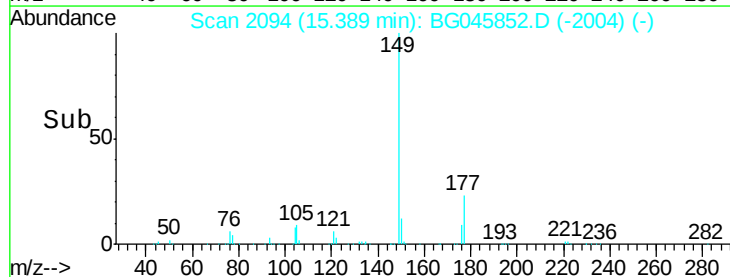
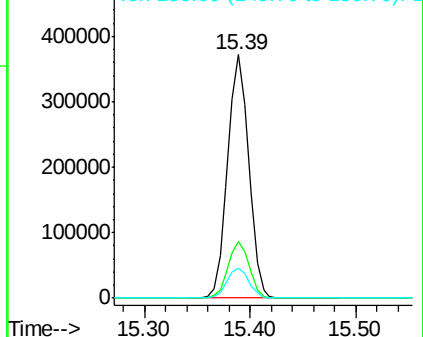


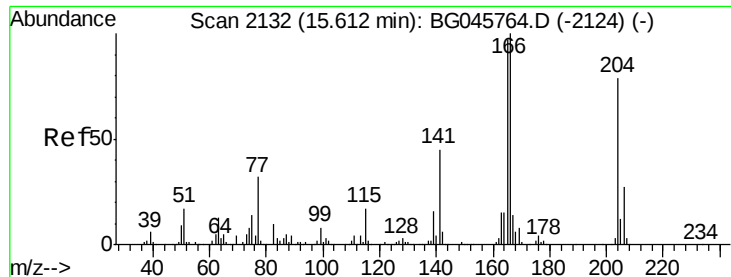
#60
 Diethylphthalate
 Concen: 42.131 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion:	149	Resp:	512804
Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.2	25.8
150	12.5	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

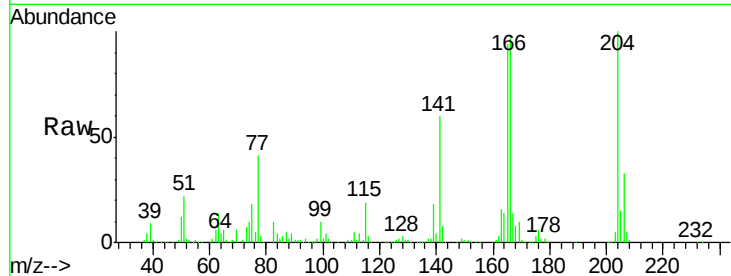




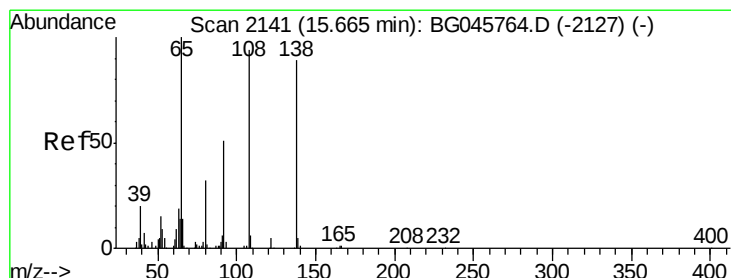
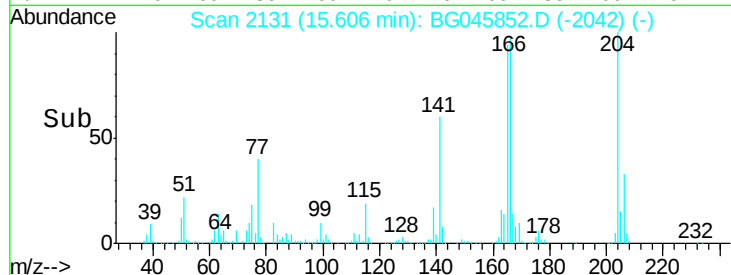
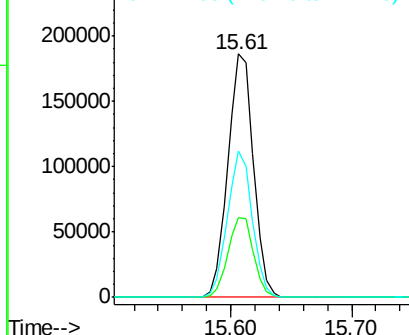
#61
4-Chlorophenyl-phenylether
Concen: 41.249 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion:204 Resp: 274067
Ion Ratio Lower Upper
204 100
206 32.8 27.2 40.8
141 60.3 45.9 68.9

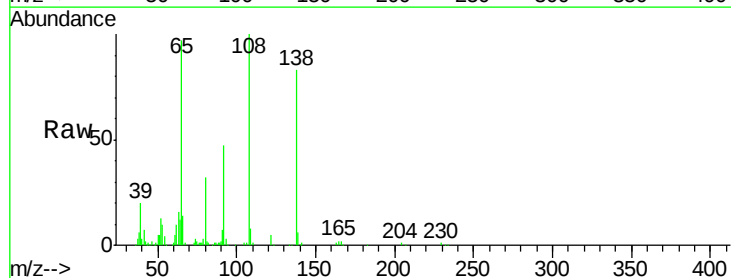


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

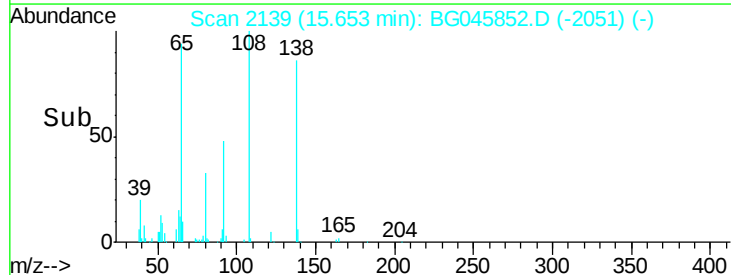
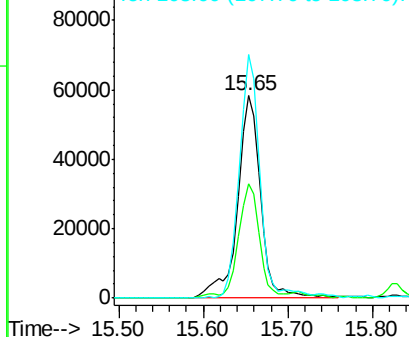


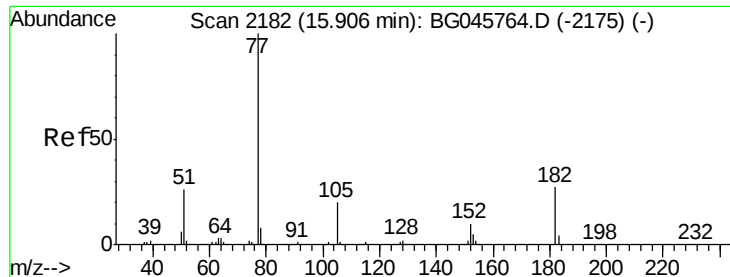
#62
4-Nitroaniline
Concen: 40.015 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion:138 Resp: 109696
Ion Ratio Lower Upper
138 100
92 56.4 37.3 77.3
108 120.5 85.0 125.0



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

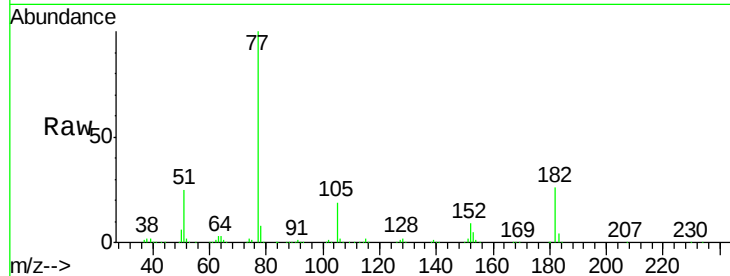




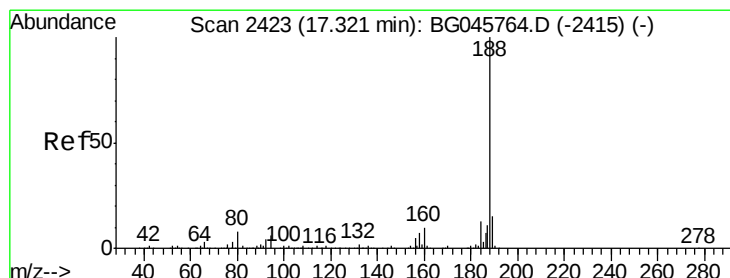
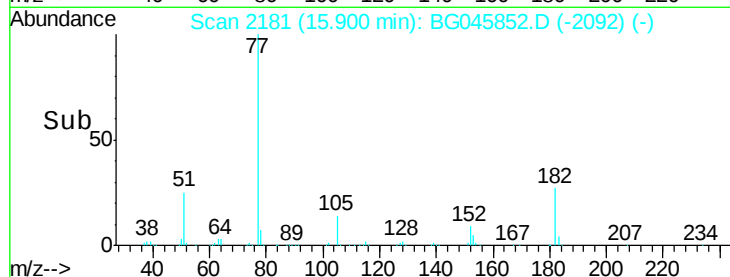
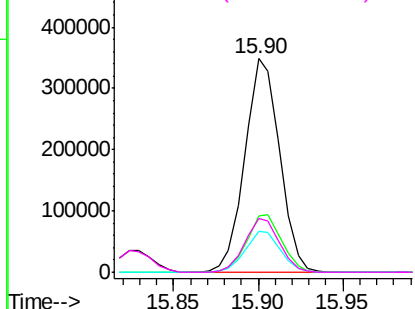
#63
Azobenzene
Concen: 42.643 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion:	77	Resp:	498373
Ion	Ratio	Lower	Upper
77	100		
182	26.2	7.4	47.4
105	18.9	0.1	40.1
51	25.0	5.7	45.7

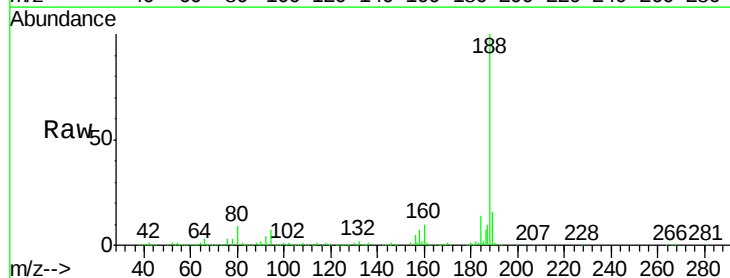


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

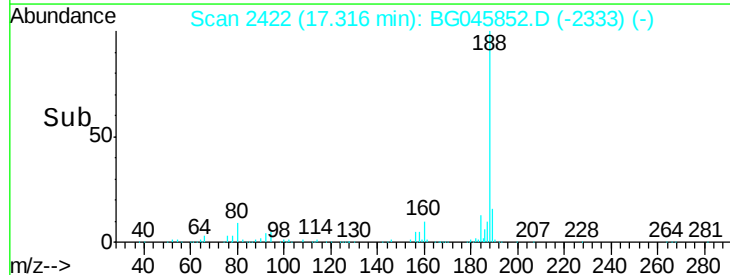
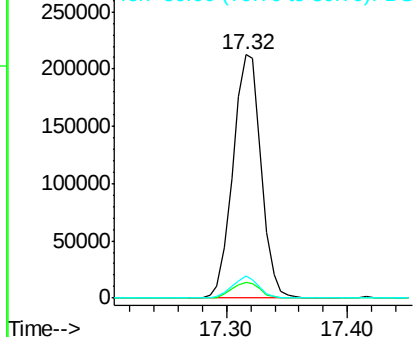


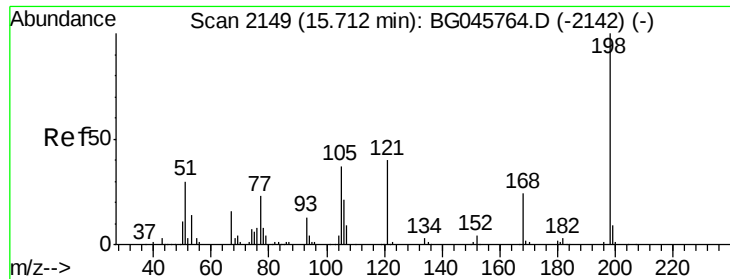
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion:	188	Resp:	343855
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	9.3	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: 39.157 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

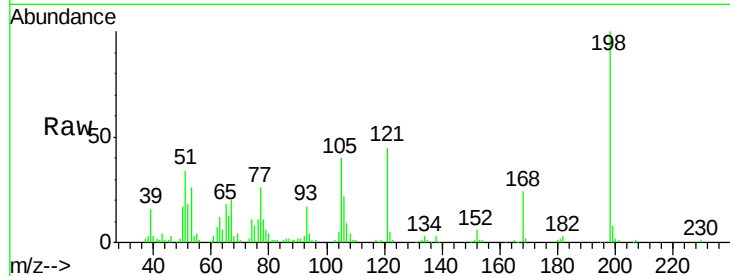
BNA_G

ClientSampleId :

RB47184-RTMSD

Tot Ion:198 Resp: 83210

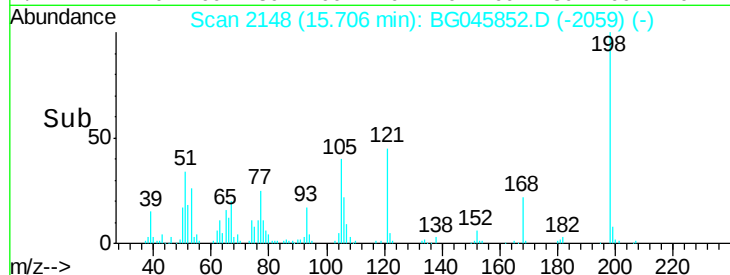
Ion	Ratio	Lower	Upper
198	100		
51	34.3	14.6	54.6
105	40.0	18.4	58.4



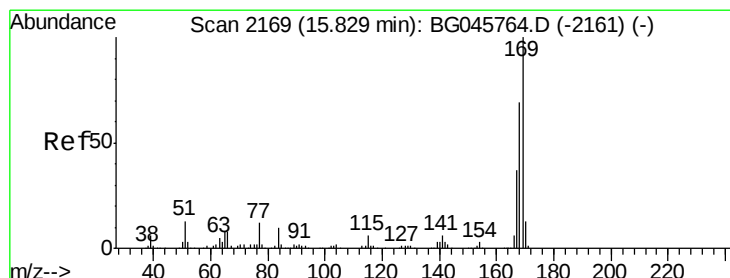
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 44.147 ng

RT: 15.83 min Scan# 2169

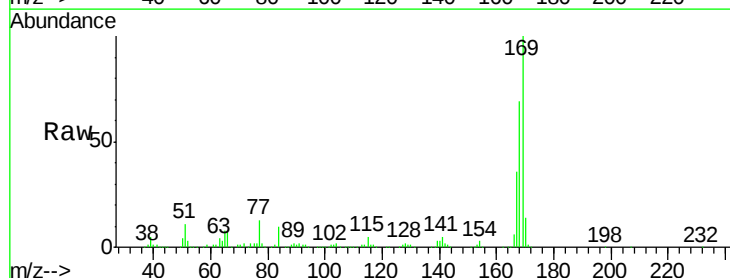
Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:169 Resp: 429968

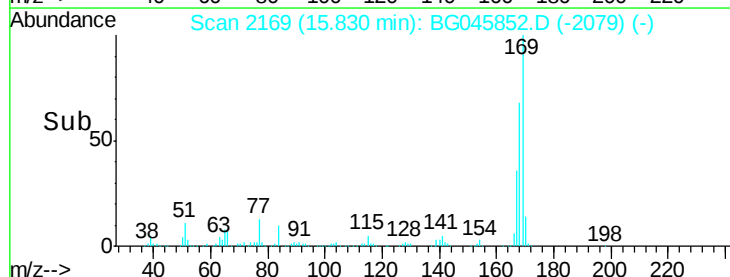
Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.2	82.8
167	36.0	29.8	44.6



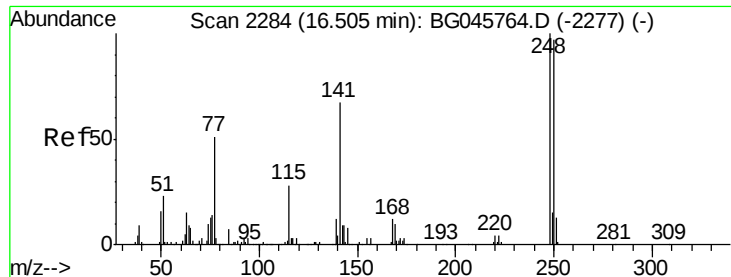
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#67

4-Bromophenyl-phenylether

Concen: 42.079 ng

RT: 16.51 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

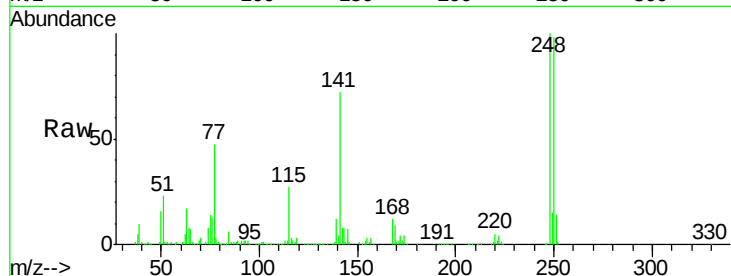
Tot Ion:248 Resp: 188006

Ion Ratio Lower Upper

248 100

250 98.0 78.0 117.0

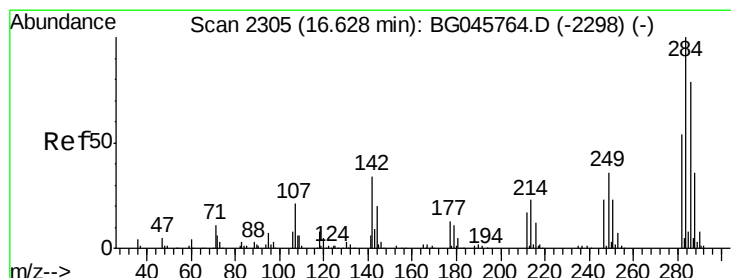
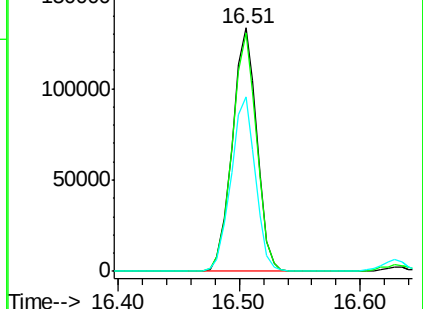
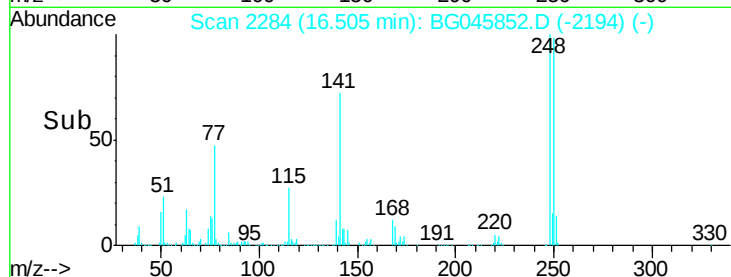
141 71.7 53.9 80.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.754 ng

RT: 16.63 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

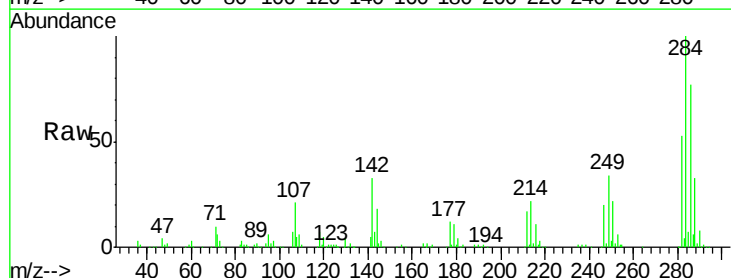
Tgt Ion:284 Resp: 207349

Ion Ratio Lower Upper

284 100

142 32.5 26.9 40.3

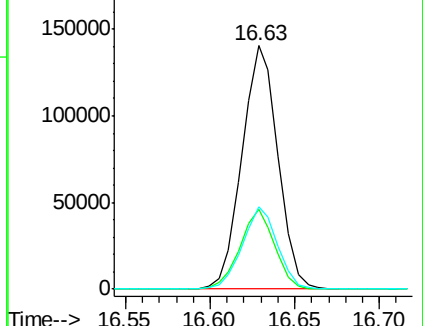
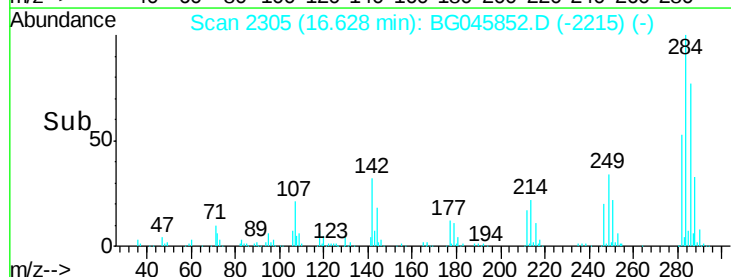
249 33.7 28.6 42.8

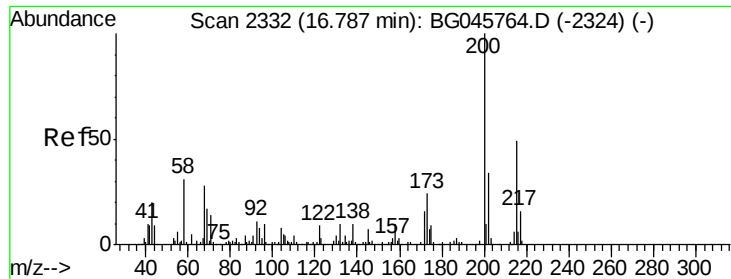


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

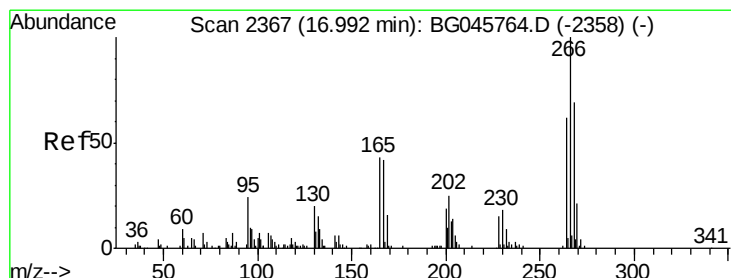
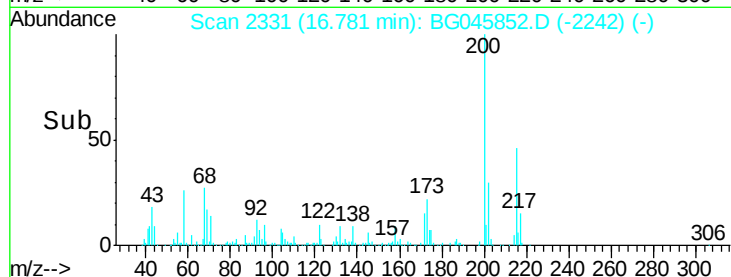
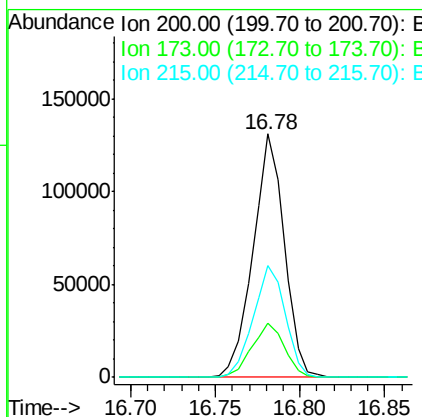
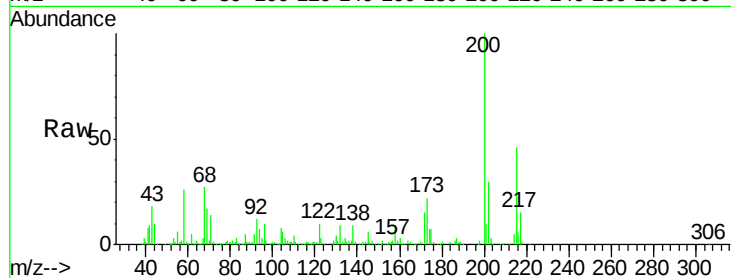




#69
Atrazine
Concen: 44.724 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

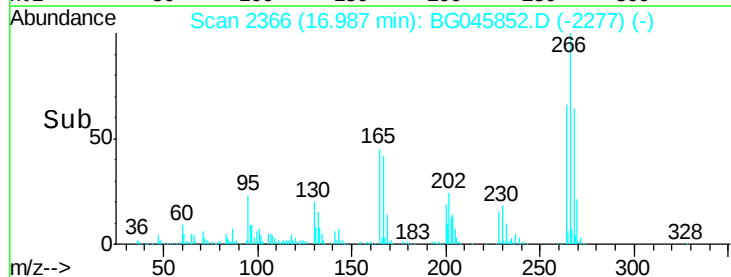
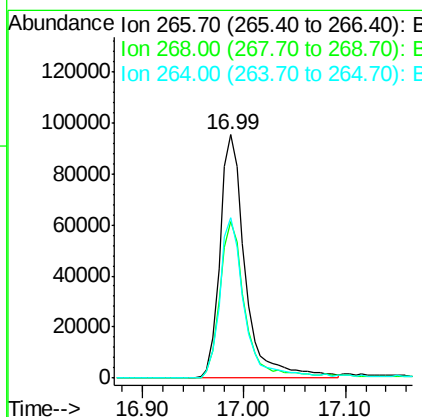
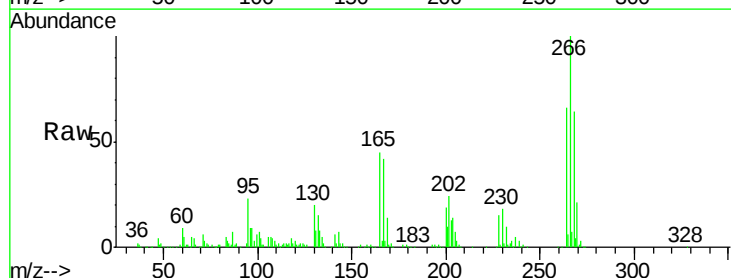
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

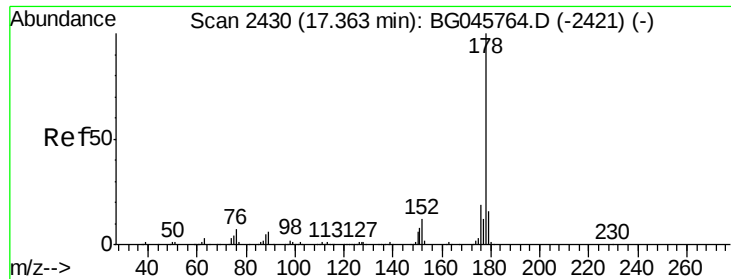
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.0	3.9	43.9
215	45.7	28.8	68.8



#70
Pentachlorophenol
Concen: 73.118 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	55.4	83.0
264	65.8	49.8	74.6





#71

Phenanthrene

Concen: 43.194 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

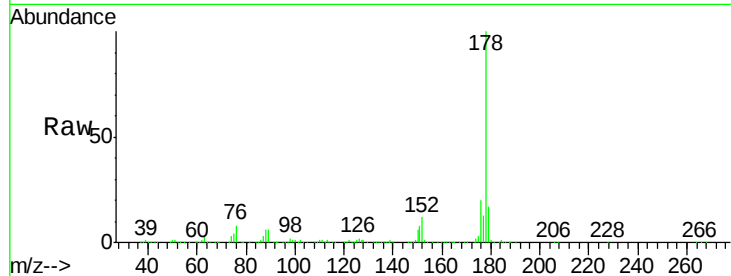
Tot Ion:178 Resp: 766003

Ion Ratio Lower Upper

178 100

176 20.4 15.5 23.3

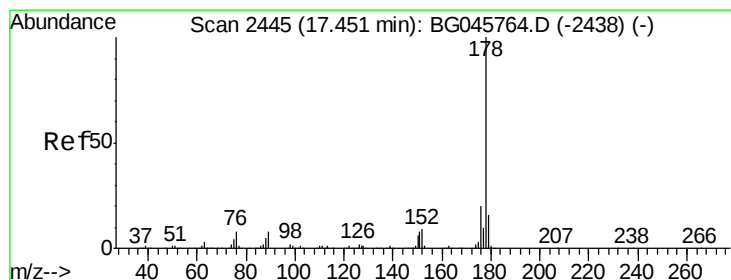
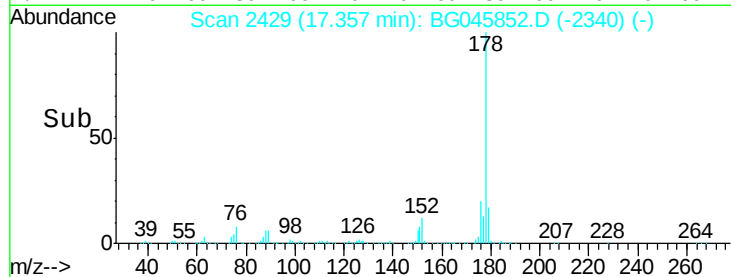
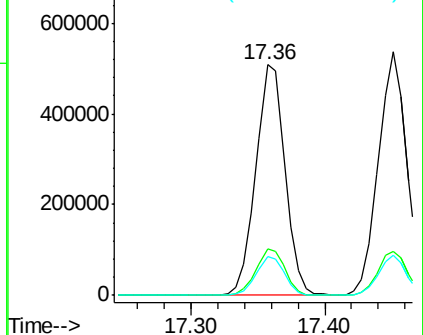
179 16.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.877 ng

RT: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

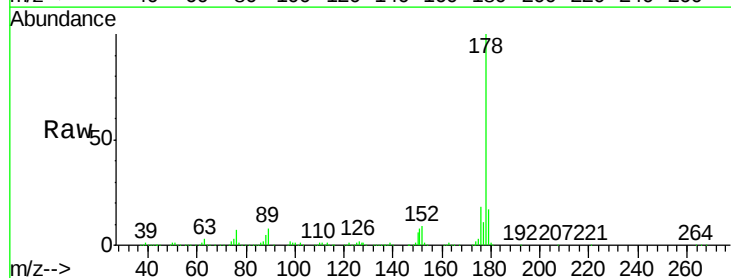
Tgt Ion:178 Resp: 792502

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

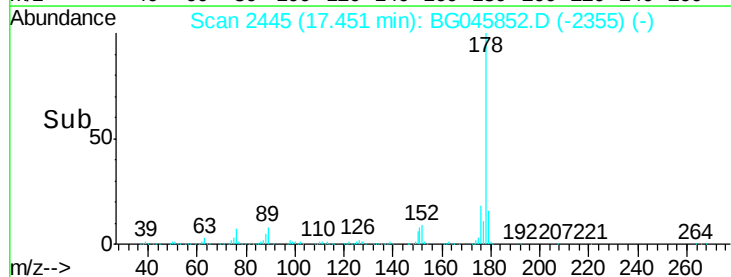
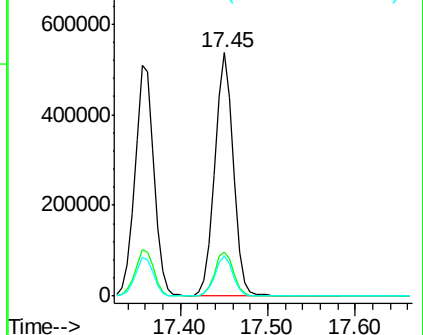
179 16.6 13.1 19.7

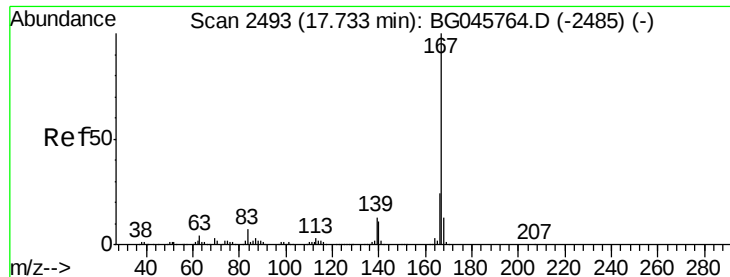


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

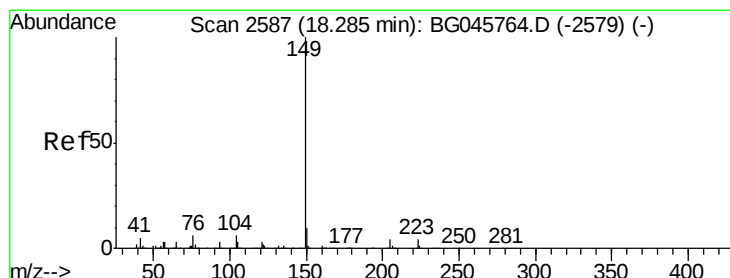
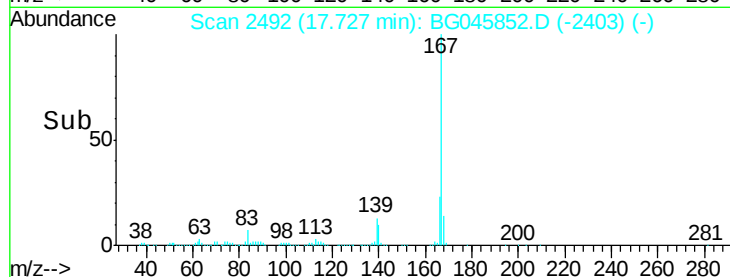
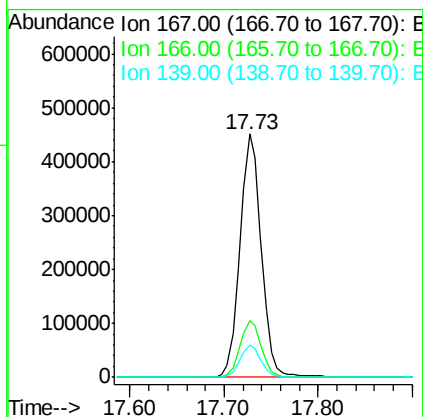
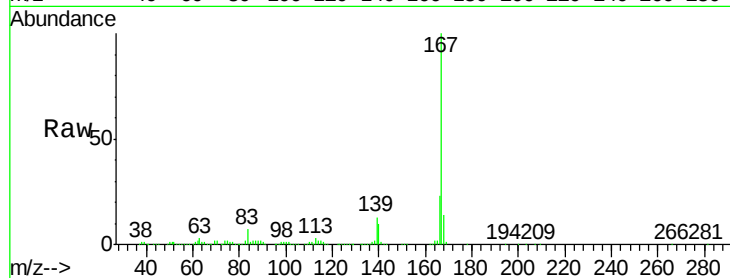




#73
 Carbazole
 Concen: 42.086 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

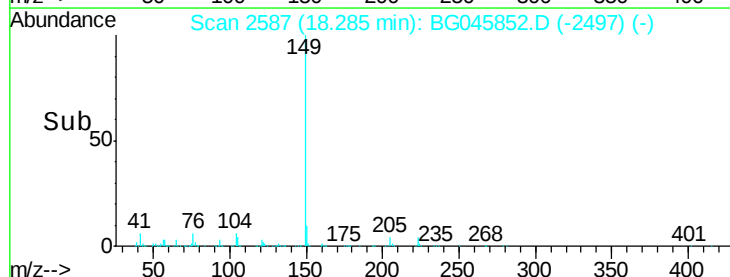
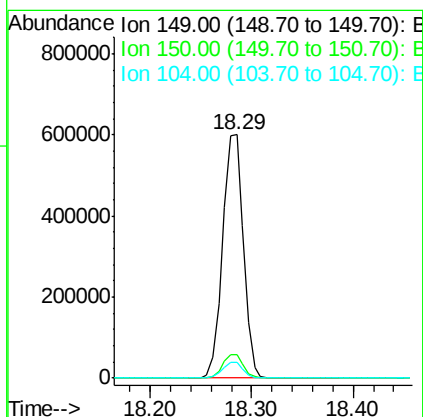
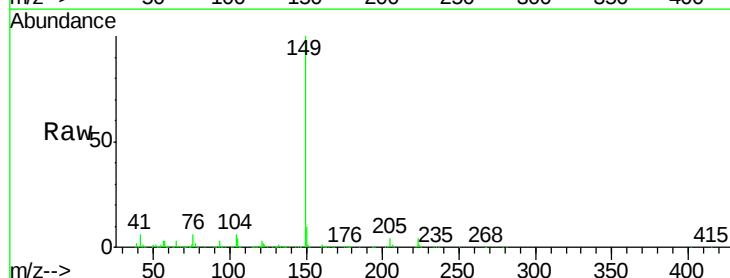
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

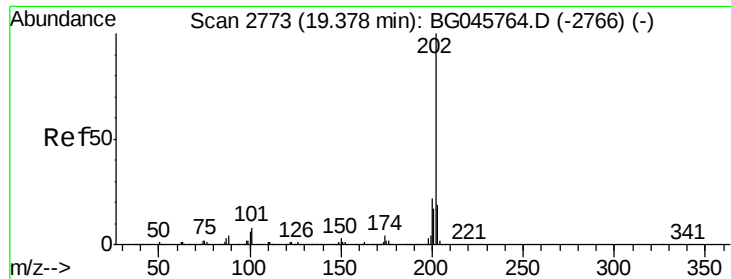
Tot Ion:167 Resp: 707666
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.9 28.3
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 42.823 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion:149 Resp: 852579
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.3 5.1 7.7





#75

Fluoranthene

Concen: 42.988 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

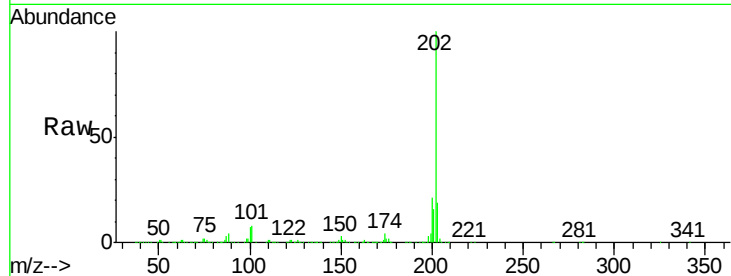
Tot Ion:202 Resp: 937433

Ion Ratio Lower Upper

202 100

101 7.9 0.0 27.7

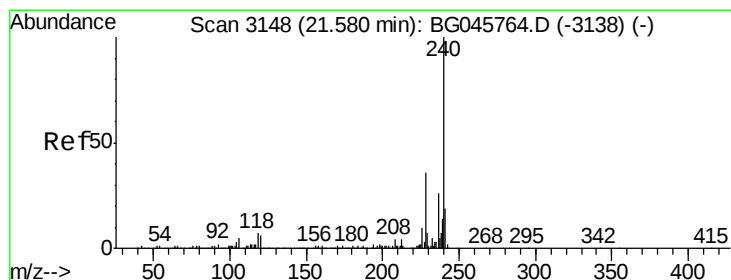
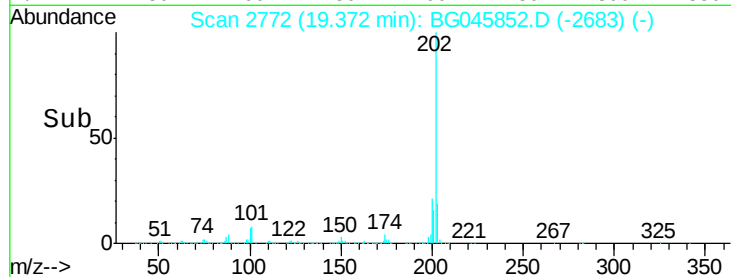
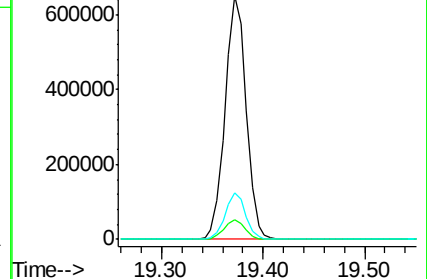
203 19.1 0.0 38.7



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: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

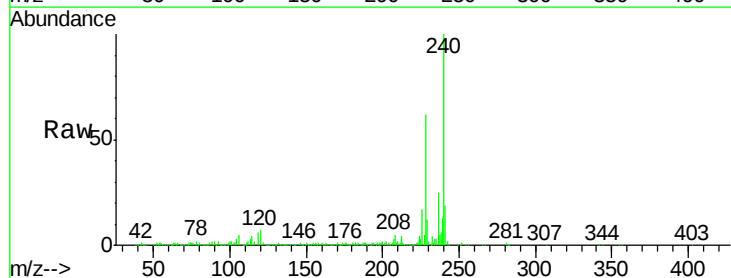
Tgt Ion:240 Resp: 323880

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.4

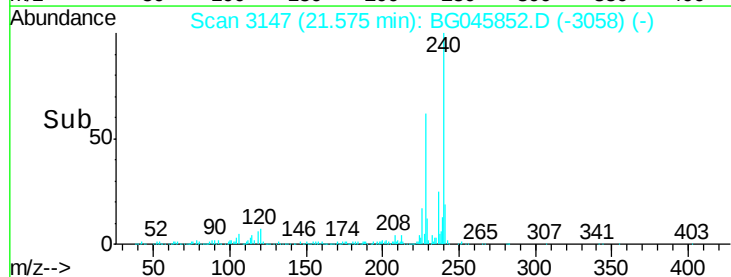
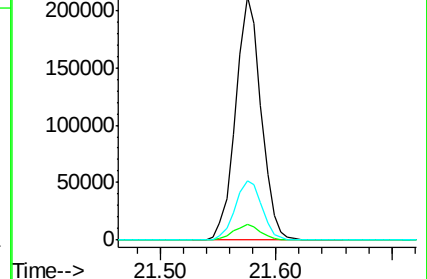
236 24.5 20.6 30.8

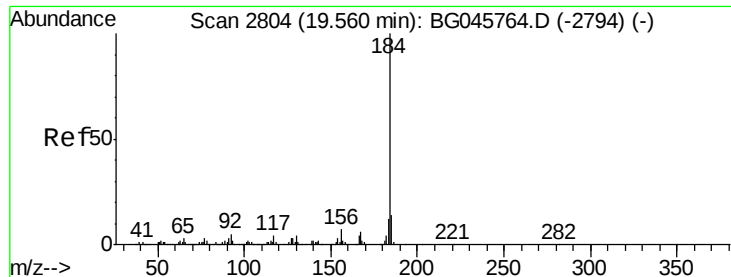


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.707 ng

RT: 19.55 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

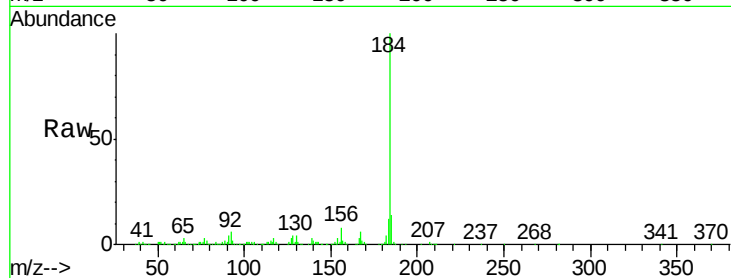
Tot Ion:184 Resp: 342752

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

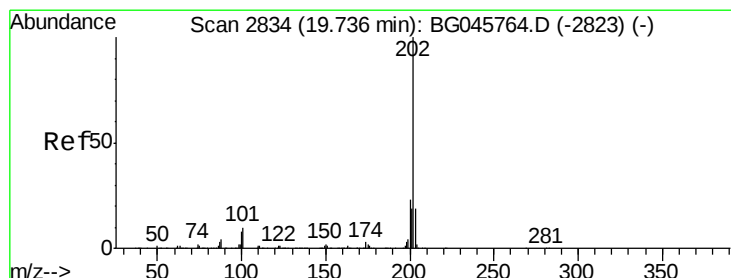
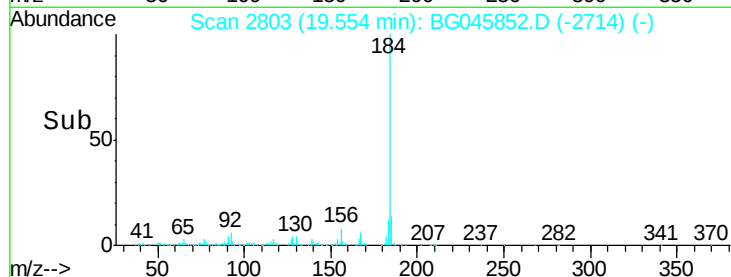
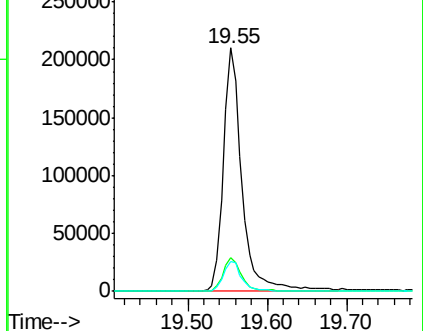
183 12.4 9.7 14.5



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: 42.386 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

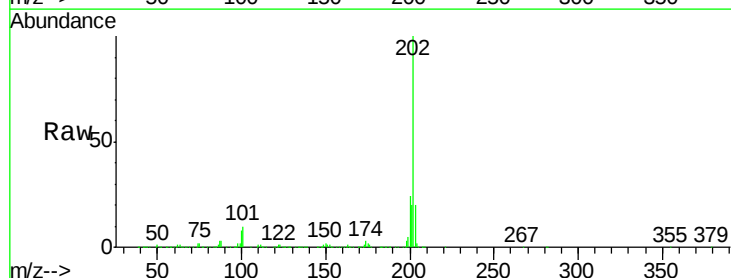
Tgt Ion:202 Resp: 919279

Ion Ratio Lower Upper

202 100

200 23.5 18.2 27.2

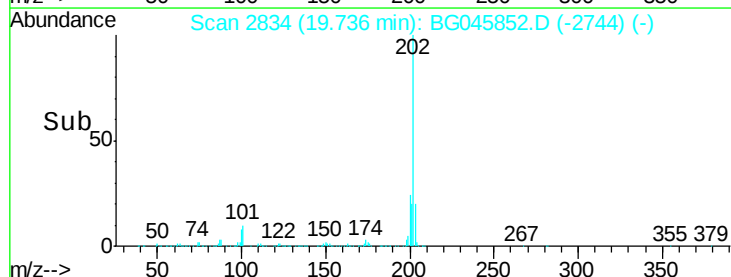
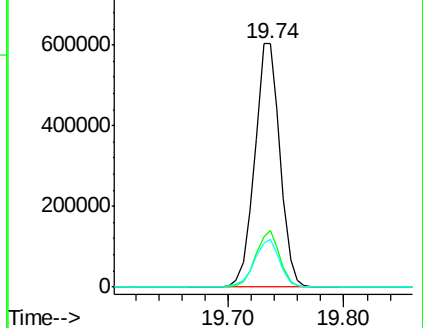
203 19.5 14.8 22.2

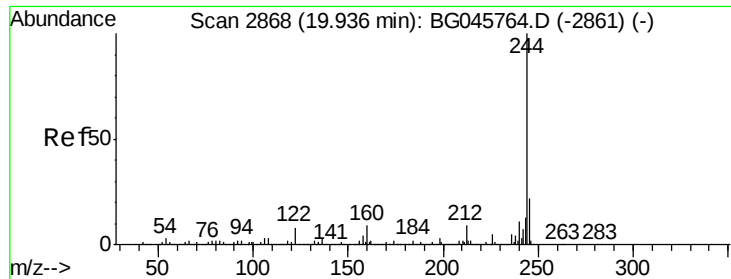


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.573 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

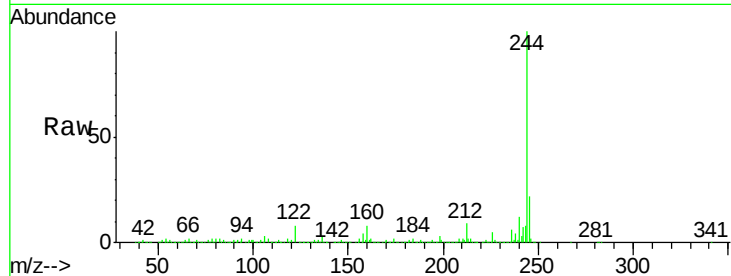
Tot Ion:244 Resp: 1415524

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

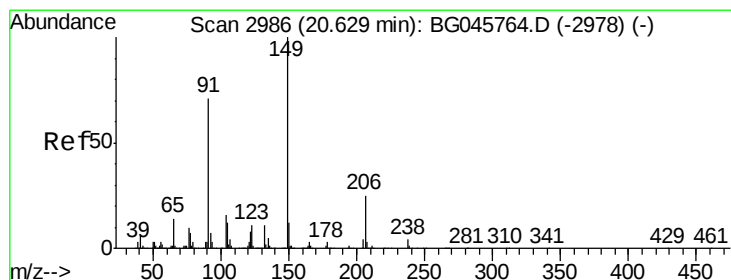
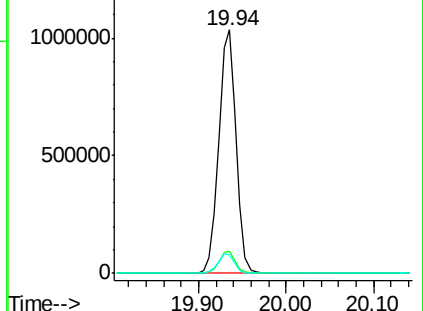
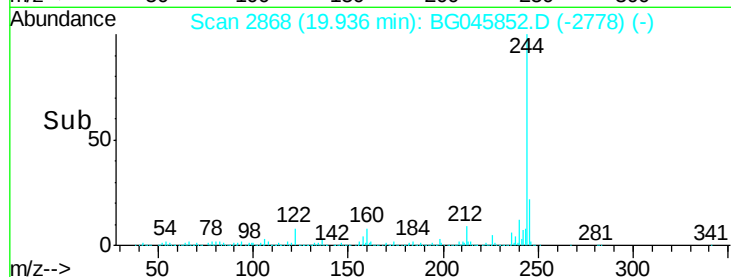
122 7.5 6.4 9.6



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: 42.257 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

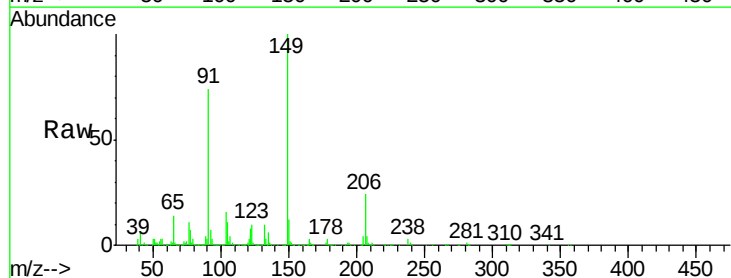
Tgt Ion:149 Resp: 383615

Ion Ratio Lower Upper

149 100

91 73.7 56.4 84.6

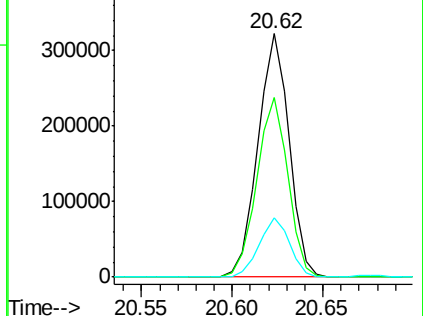
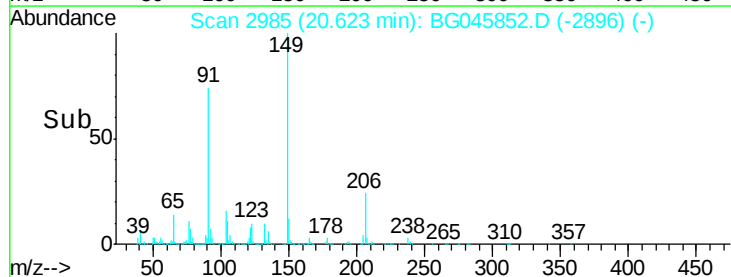
206 24.2 19.8 29.6

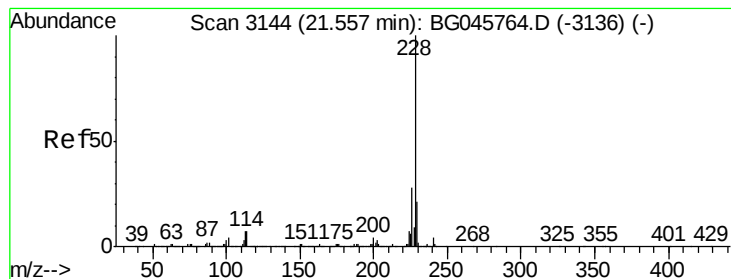


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.374 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

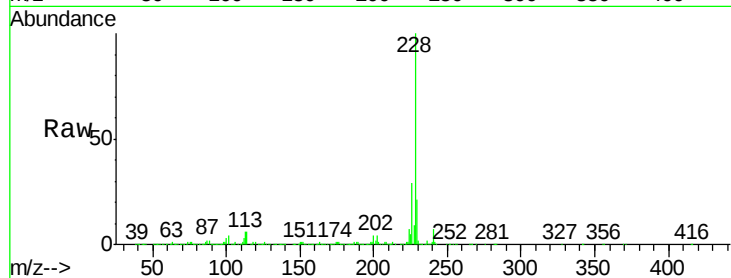
Tot Ion:228 Resp: 910792

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

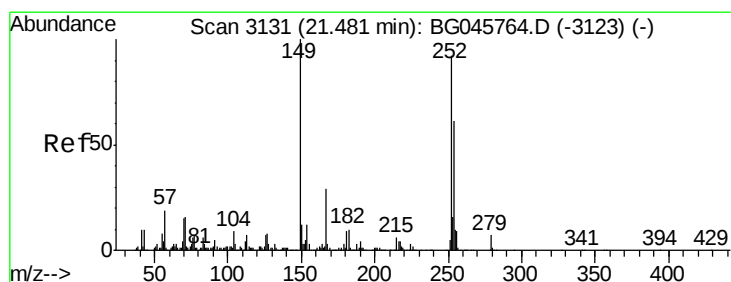
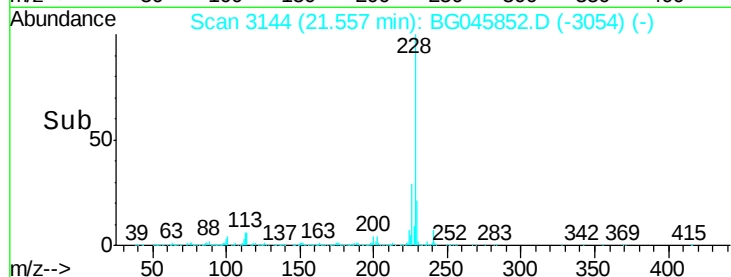
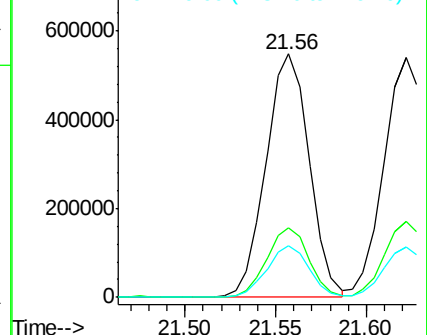
229 21.4 16.6 24.8



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: 29.287 ng

RT: 21.47 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

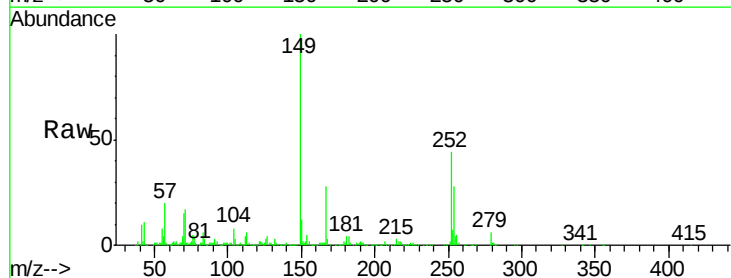
Tgt Ion:252 Resp: 232621

Ion Ratio Lower Upper

252 100

254 64.6 53.4 80.0

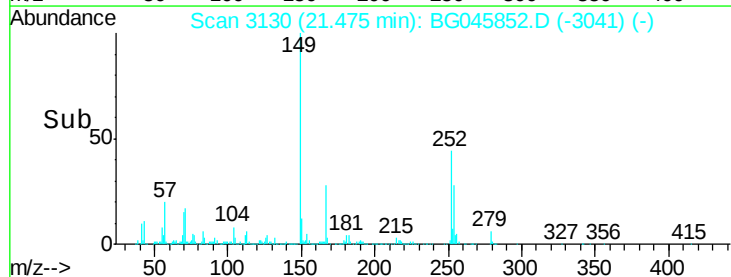
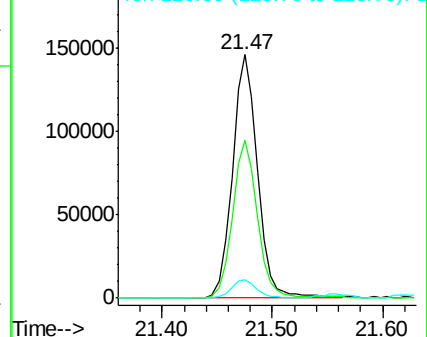
126 7.3 5.8 8.8

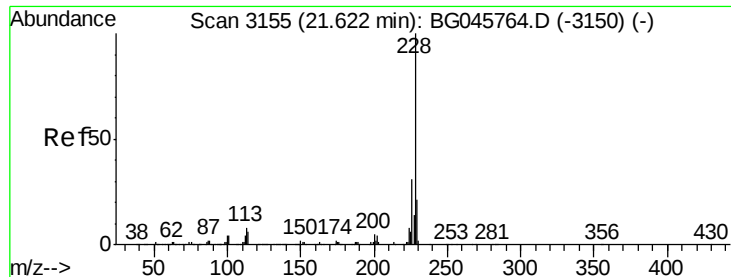


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.555 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

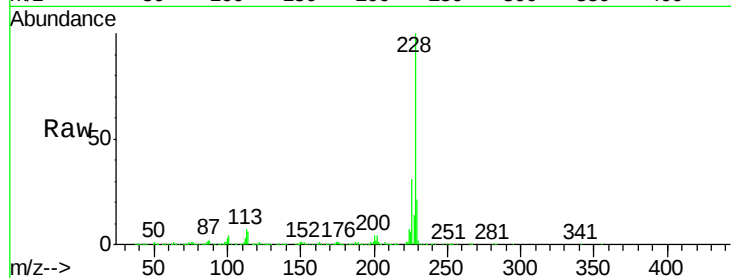
Tot Ion:228 Resp: 884614

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.1	37.7
229	20.8	16.4	24.6

228 100

226 31.5 25.1 37.7

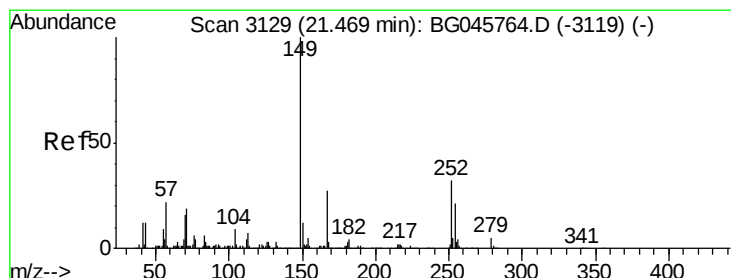
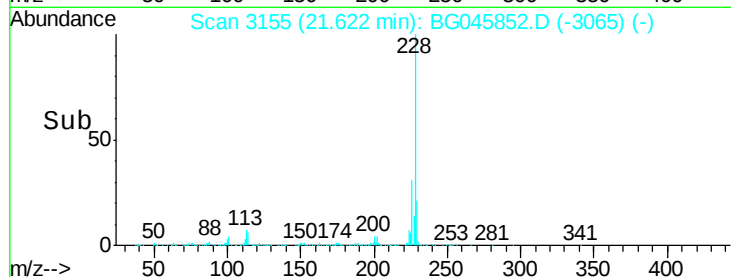
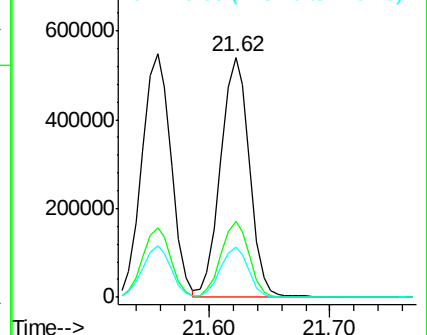
229 20.8 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.183 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

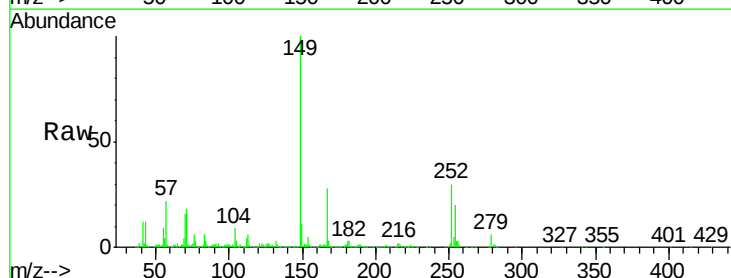
Tgt Ion:149 Resp: 545290

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	5.7	3.7	5.5#

149 100

167 28.1 21.3 31.9

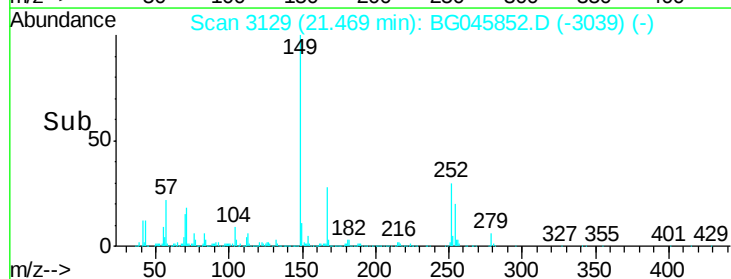
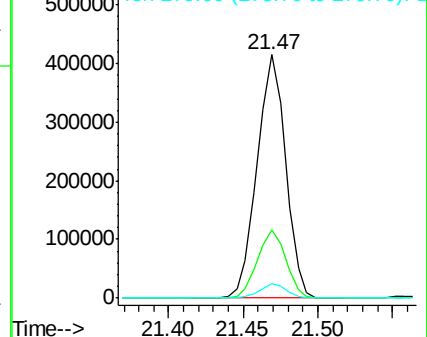
279 5.7 3.7 5.5#

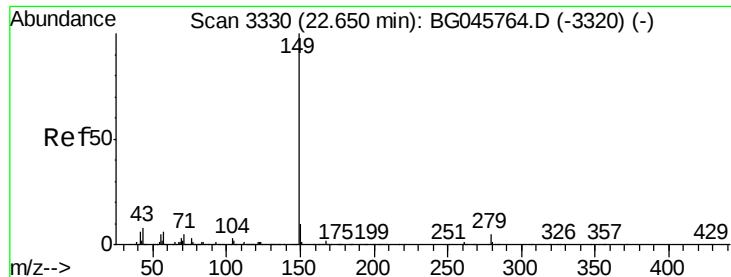


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.091 ng

RT: 22.64 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

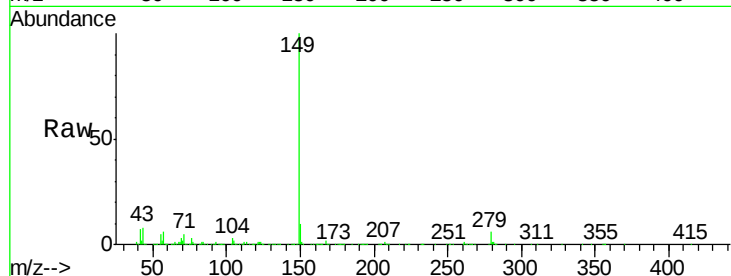
Tot Ion:149 Resp: 916780

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

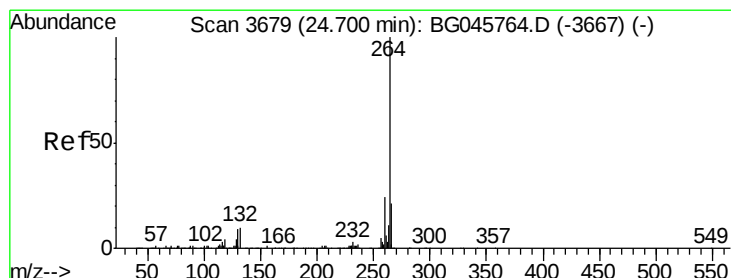
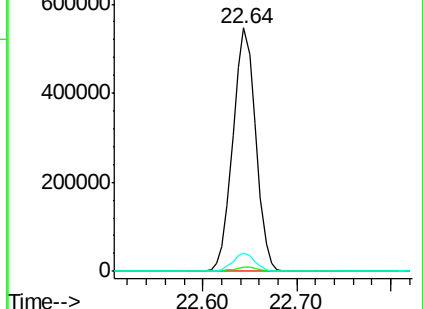
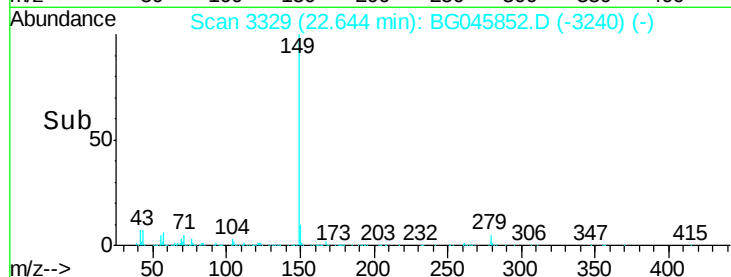
43 7.4 5.9 8.9



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: BG045852.D

Acq: 24 Jun 2020 19:56

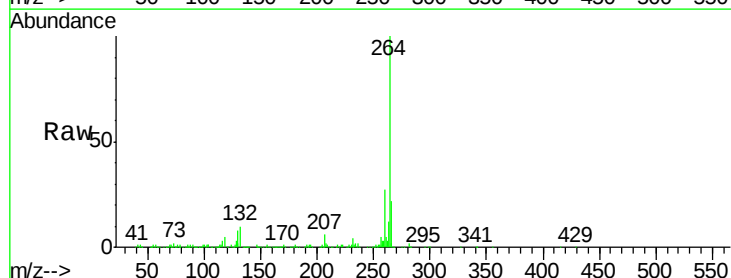
Tgt Ion:264 Resp: 349716

Ion Ratio Lower Upper

264 100

260 26.9 19.0 28.4

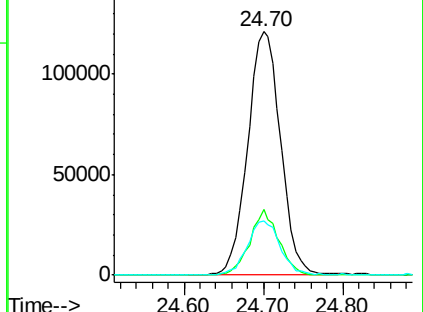
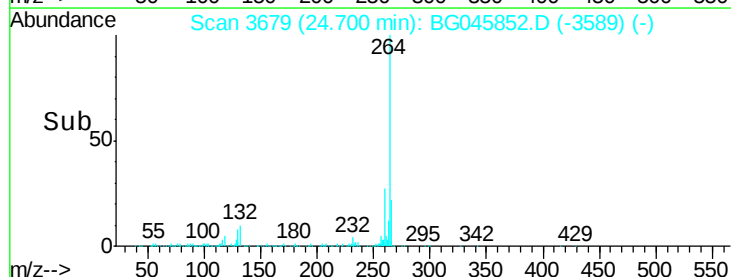
265 22.4 17.4 26.0

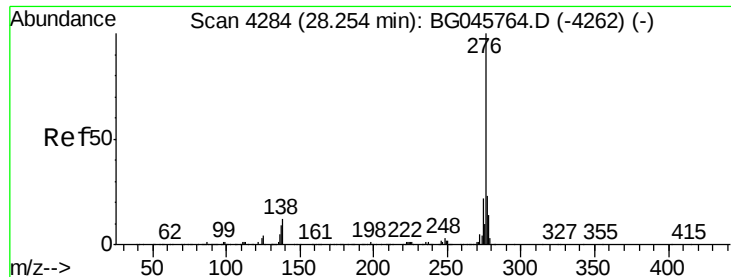


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

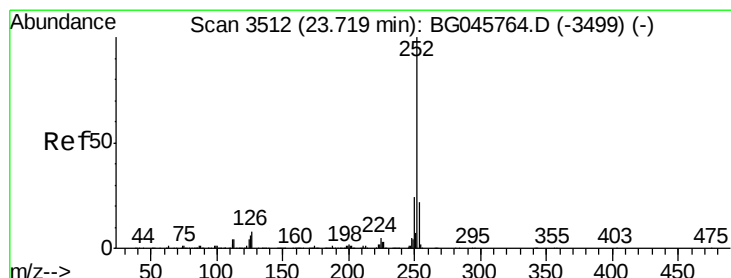
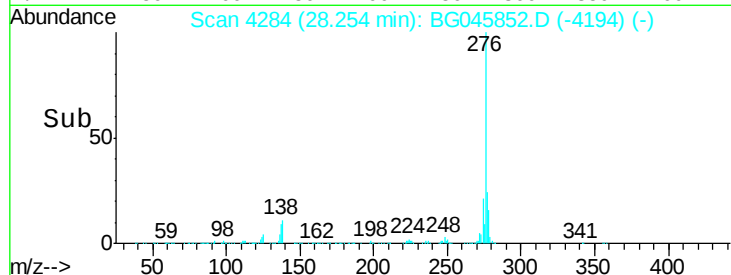
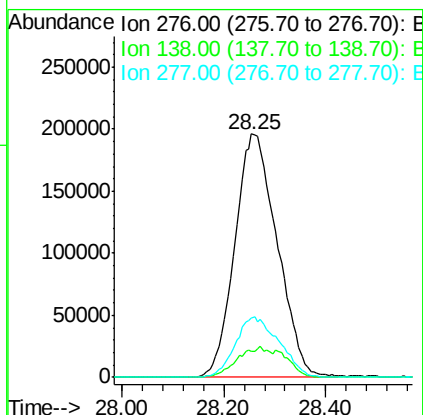
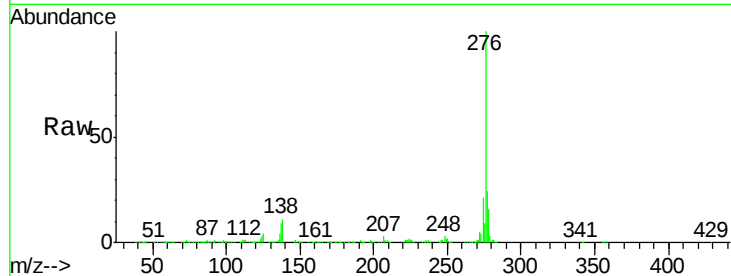




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.795 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

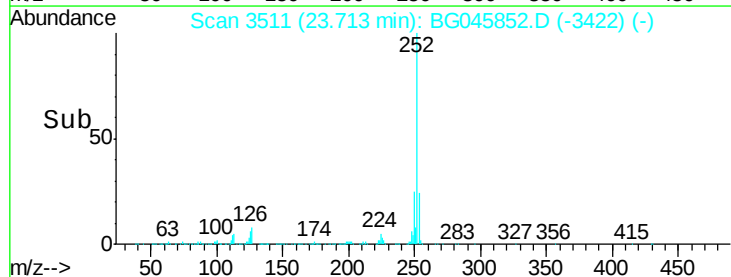
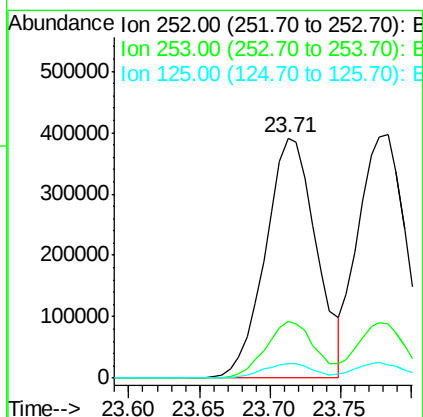
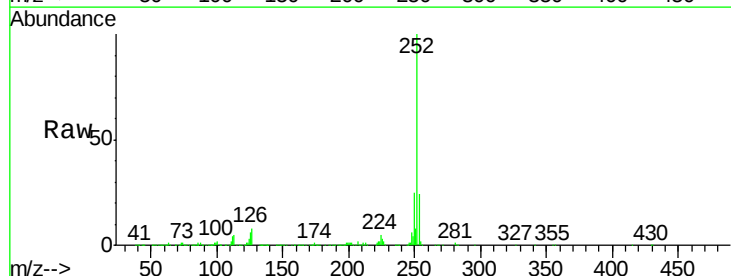
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

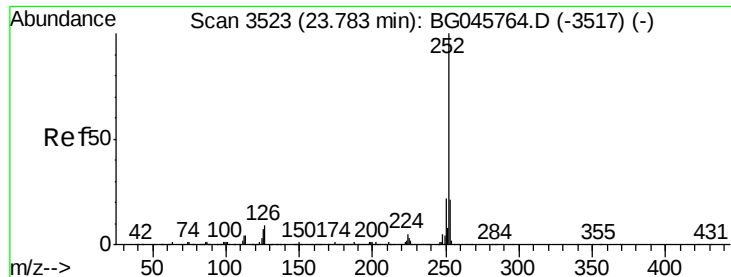
Tot Ion:276 Resp: 1135687
 Ion Ratio Lower Upper
 276 100
 138 9.8 5.4 8.0#
 277 25.7 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 44.908 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion:252 Resp: 984693
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.4 26.0
 125 6.1 5.0 7.4





#89

Benzo(k)fluoranthene

Concen: 44.493 ng

RT: 23.78 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

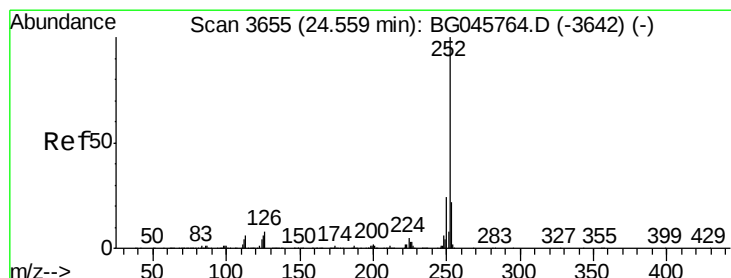
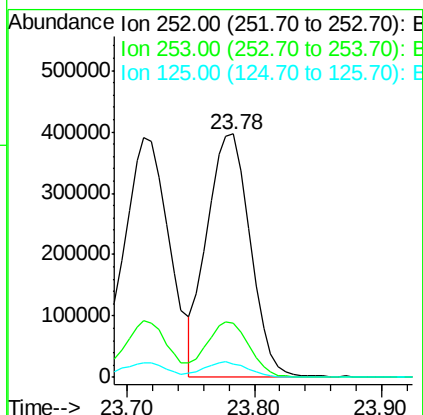
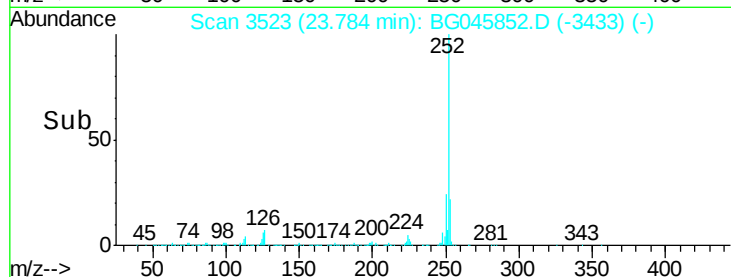
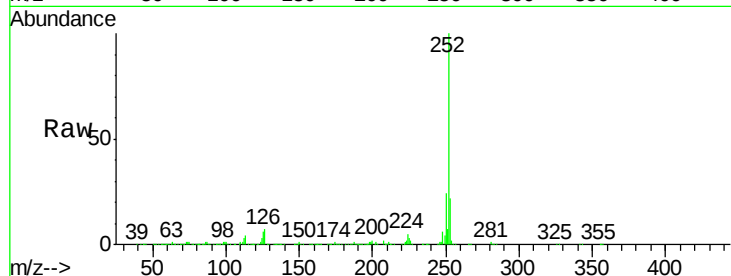
Tot Ion:252 Resp: 933728

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 5.6 5.2 7.8



#90

Benzo(a)pyrene

Concen: 43.719 ng

RT: 24.55 min Scan# 3654

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

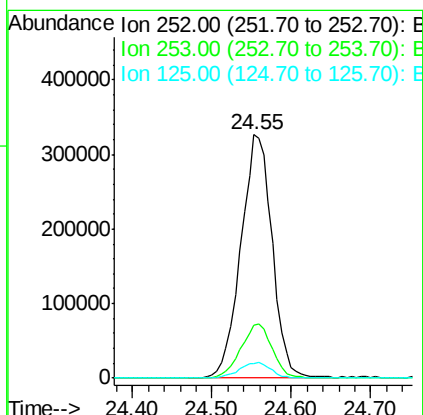
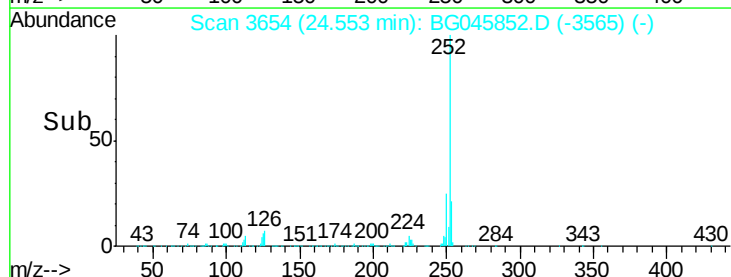
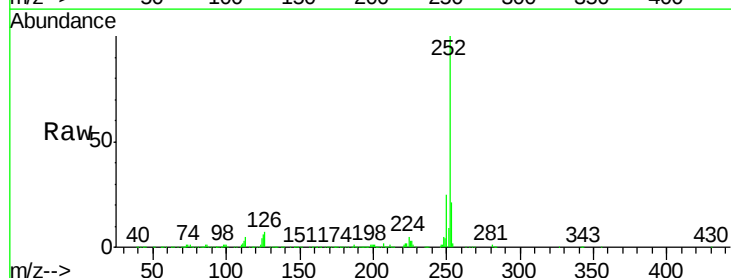
Tgt Ion:252 Resp: 895482

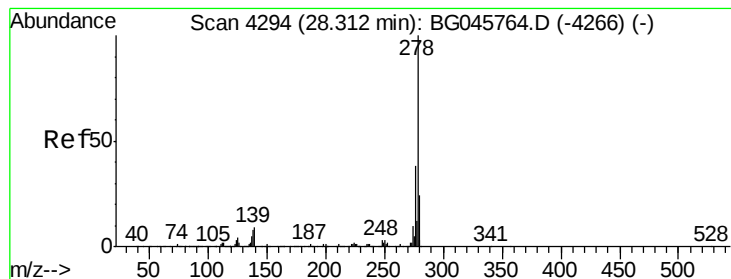
Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 6.2 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.740 ng

RT: 28.31 min Scan# 4294

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

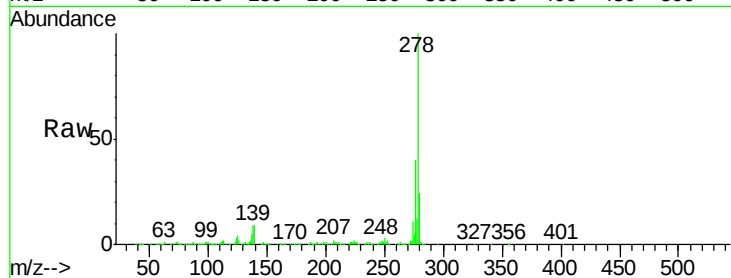
Tot Ion:278 Resp: 929930

Ion Ratio Lower Upper

278 100

139 8.9 7.3 10.9

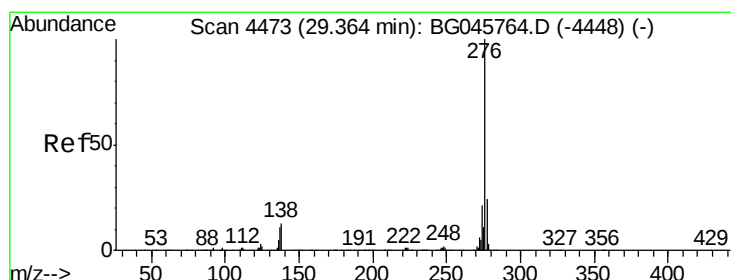
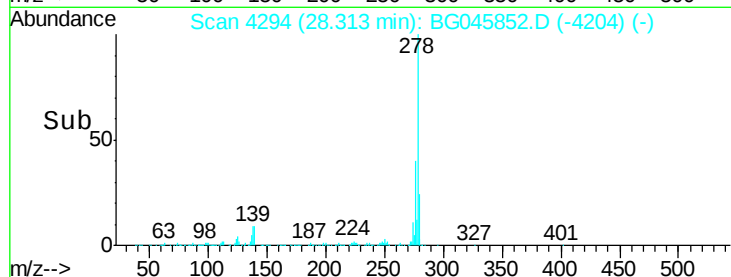
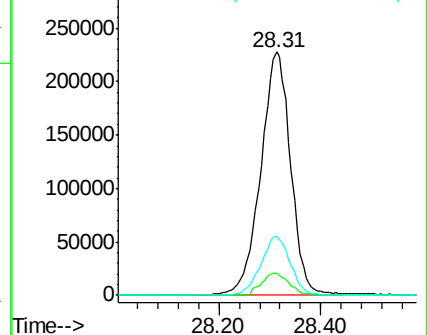
279 24.2 19.5 29.3



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: 45.831 ng

RT: 29.36 min Scan# 4473

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

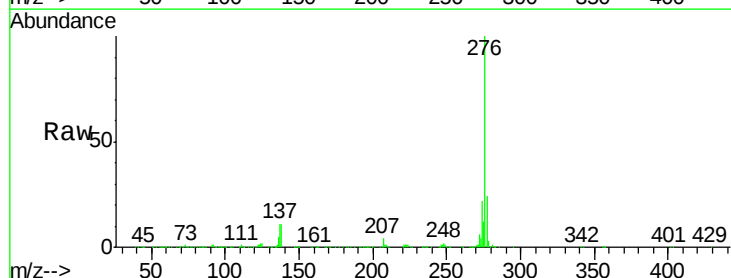
Tgt Ion:276 Resp: 932629

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 11.5 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

