

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045851.D
 Acq On : 24 Jun 2020 19:15
 Operator : CG/JU
 Sample : L3089-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMS

Quant Time: Jun 25 00:33:53 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	52026	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	206561	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	143080	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	329900	20.00	ng	0.00
76) Chrysene-d12	21.58	240	312934	20.00	ng	0.00
86) Perylene-d12	24.70	264	343290	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	375945	122.07	ng	-0.01
7) Phenol-d6	7.15	99	468408	99.99	ng	-0.02
23) Nitrobenzene-d5	9.08	82	383190	84.75	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	265565	122.94	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	817069	83.92	ng	0.00
79) Terphenyl-d14	19.93	244	1383235	89.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	53458	37.898	ng	# 52
3) Pyridine	3.79	79	146951	35.156	ng	98
4) n-Nitrosodimethylamine	3.69	42	62941	44.859	ng	98
6) Aniline	7.25	93	212352	38.497	ng	97
8) 2-Chlorophenol	7.50	128	154286	46.801	ng	93
9) Benzaldehyde	7.05	77	75610	26.871	ng	98
10) Phenol	7.17	94	177236	39.046	ng	96
11) bis(2-Chloroethyl)ether	7.34	93	144778	41.992	ng	97
12) 1,3-Dichlorobenzene	7.80	146	167082	42.529	ng	97
13) 1,4-Dichlorobenzene	7.95	146	169582	43.216	ng	99
14) 1,2-Dichlorobenzene	8.27	146	161312	42.940	ng	95
15) Benzyl Alcohol	8.17	79	159007	43.860	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	133095	40.959	ng	82
17) 2-Methylphenol	8.40	107	136398	40.377	ng	96
18) Hexachloroethane	9.00	117	64903	43.548	ng	92
19) n-Nitroso-di-n-propylamine	8.73	70	138598	45.001	ng	99
20) 3+4-Methylphenols	8.74	107	178224	40.116	ng	# 70
22) Acetophenone	8.74	105	241122	42.530	ng	96
24) Nitrobenzene	9.12	77	207103	42.958	ng	97
25) Isophorone	9.65	82	362826	41.450	ng	99
26) 2-Nitrophenol	9.84	139	88984	44.303	ng	93
27) 2,4-Dimethylphenol	9.92	122	138876	45.288	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	197654	43.228	ng	99
29) 2,4-Dichlorophenol	10.40	162	160650	44.903	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	181006	42.736	ng	93
31) Naphthalene	10.77	128	491135	43.490	ng	98
32) Benzoic acid	10.12	122	64598	35.384	ng	94
33) 4-Chloroaniline	10.89	127	141714	29.966	ng	98
34) Hexachlorobutadiene	11.06	225	125639	41.710	ng	98
35) Caprolactam	11.68	113	25740	22.233	ng	91
36) 4-Chloro-3-methylphenol	12.06	107	180436	43.680	ng	98
37) 2-Methylnaphthalene	12.39	142	362593	43.118	ng	99
38) 1-Methylnaphthalene	12.60	142	344642	43.309	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	207324	44.006	ng	99

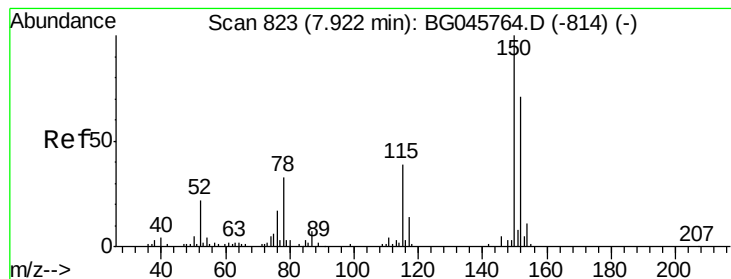
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
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 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	210430	80.770	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	142416	44.585	ng	96
44) 2,4,5-Trichlorophenol	13.11	196	144774	39.767	ng	96
46) 1,1'-Biphenyl	13.40	154	450793	44.007	ng	100
47) 2-Chloronaphthalene	13.44	162	356457	43.078	ng	97
48) 2-Nitroaniline	13.65	65	119598	43.451	ng	98
49) Acenaphthylene	14.29	152	578292	43.632	ng	99
50) Dimethylphthalate	14.02	163	542120	48.365	ng	99
51) 2,6-Dinitrotoluene	14.14	165	108097	42.938	ng	90
52) Acenaphthene	14.63	154	346092	43.079	ng	100
53) 3-Nitroaniline	14.49	138	85585	34.035	ng	95
54) 2,4-Dinitrophenol	14.69	184	73768	56.037	ng	92
55) Dibenzofuran	14.96	168	569469	43.634	ng	98
56) 4-Nitrophenol	14.85	139	112813	63.481	ng	97
57) 2,4-Dinitrotoluene	14.94	165	154743	42.900	ng	97
58) Fluorene	15.62	166	472220	43.513	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	138431	43.811	ng	98
60) Diethylphthalate	15.39	149	488059	42.594	ng	95
61) 4-Chlorophenyl-phenylether	15.61	204	263317	42.098	ng	98
62) 4-Nitroaniline	15.65	138	109374	42.381	ng	94
63) Azobenzene	15.90	77	484895	44.072	ng	97
65) 4,6-Dinitro-2-methylphenol	15.71	198	81057	39.758	ng	98
66) n-Nitrosodiphenylamine	15.83	169	416669	44.592	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	179323	41.833	ng	96
68) Hexachlorobenzene	16.63	284	198998	44.769	ng	97
69) Atrazine	16.78	200	157767	43.511	ng	98
70) Pentachlorophenol	16.99	266	164363	75.457	ng	96
71) Phenanthrene	17.36	178	744079	43.733	ng	98
72) Anthracene	17.45	178	757876	44.731	ng	99
73) Carbazole	17.73	167	697481	43.235	ng	99
74) Di-n-butylphthalate	18.28	149	826579	43.273	ng	100
75) Fluoranthene	19.37	202	924078	44.168	ng	99
77) Benzidine	19.55	184	471761	57.989	ng	99
78) Pyrene	19.73	202	909997	43.426	ng	99
80) Butylbenzylphthalate	20.62	149	370599	42.251	ng	93
81) Benzo(a)anthracene	21.56	228	899627	44.341	ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	276960	36.089	ng	96
83) Chrysene	21.62	228	870469	44.358	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	536589	43.981	ng	99
85) Di-n-octyl phthalate	22.64	149	904132	42.962	ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1116278	44.854	ng	99
88) Benzo(b)fluoranthene	23.72	252	969169	45.027	ng	98
89) Benzo(k)fluoranthene	23.78	252	926047	44.953	ng	98
90) Benzo(a)pyrene	24.56	252	878532	43.694	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	918453	46.021	ng	99
92) Benzo(g,h,i)perylene	29.37	276	919119	46.013	ng	# 96

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

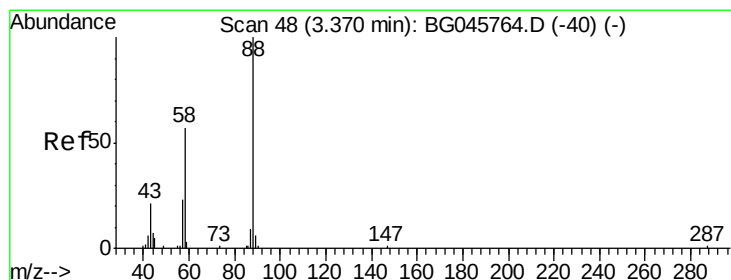
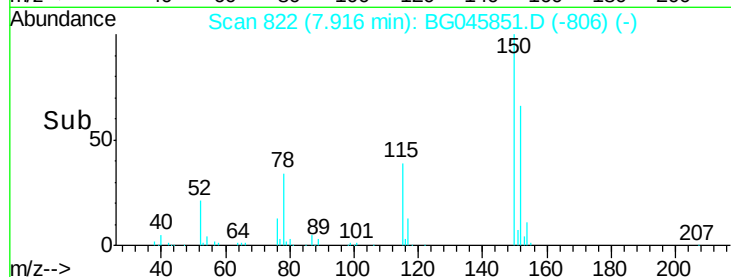
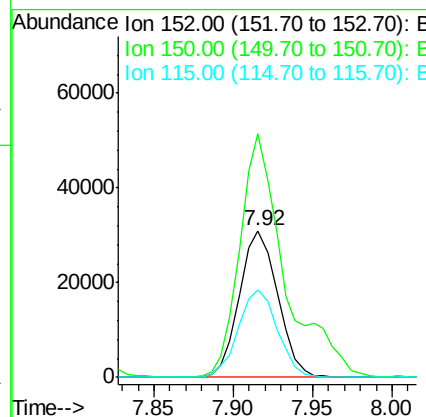
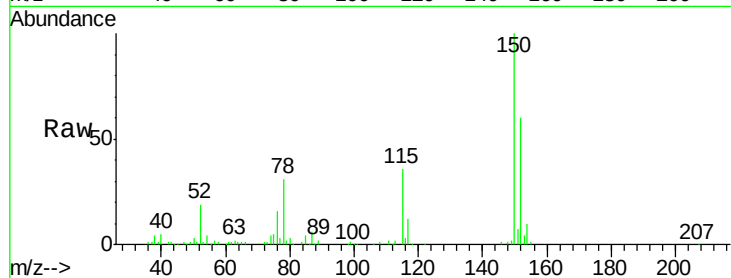


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

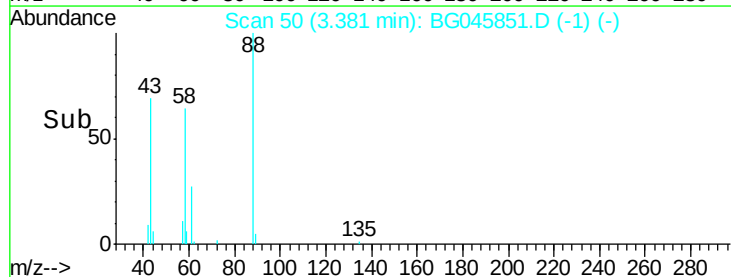
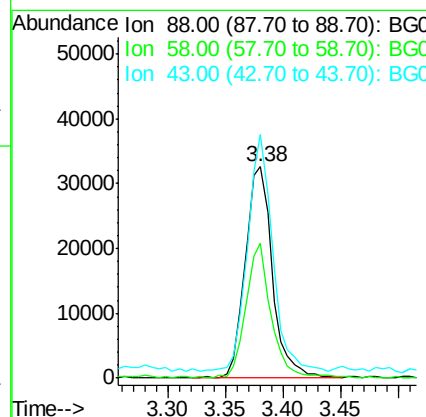
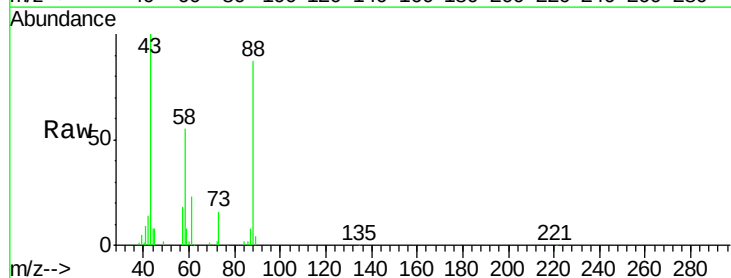
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	113.1	169.7
115	59.5	43.8	65.6

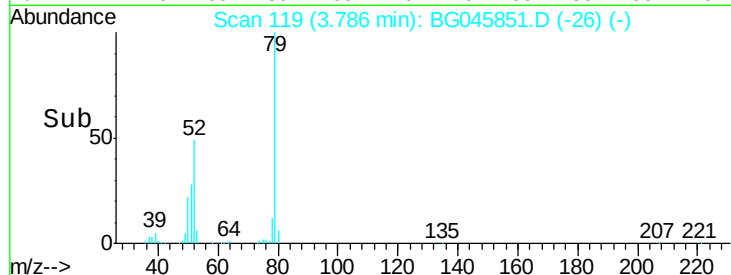
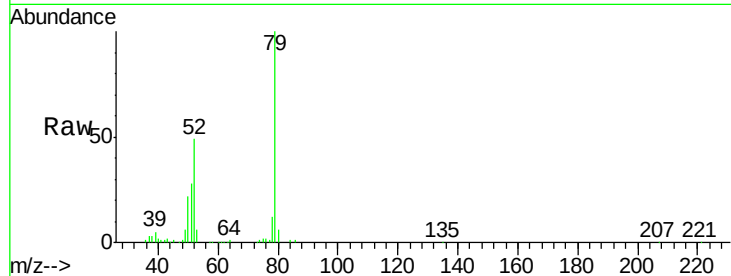
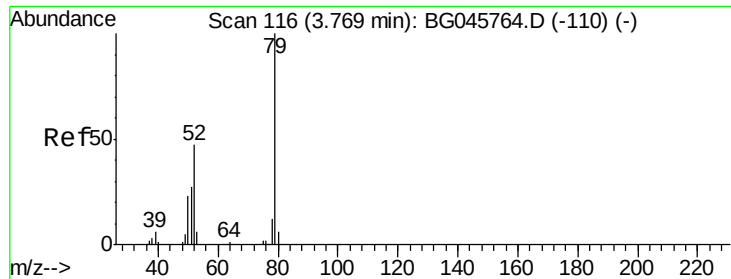


#2

1,4-Dioxane
Concen: 37.898 ng
RT: 3.38 min Scan# 50
Delta R.T. 0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.3	46.1	69.1
43	102.4	19.2	28.8#





#3

Pvridine

Concen: 35.156 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.02 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

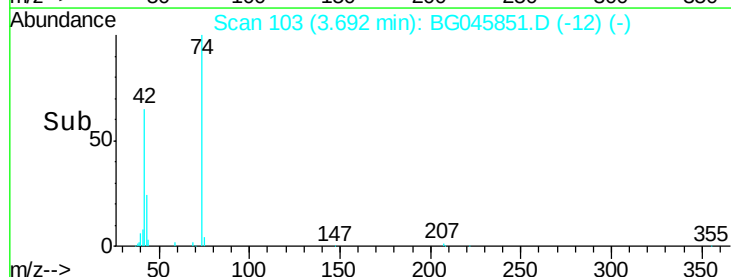
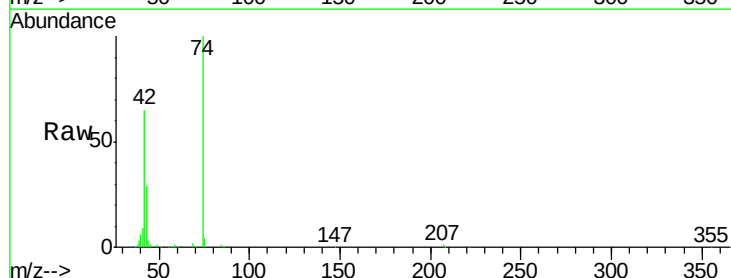
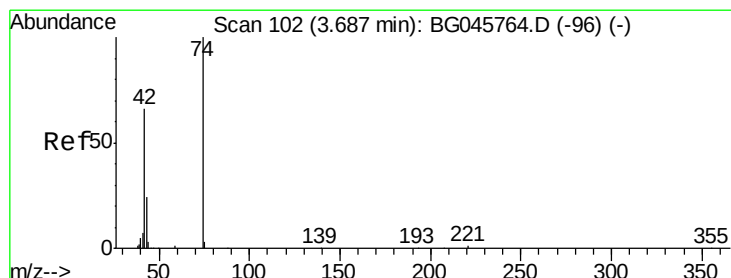
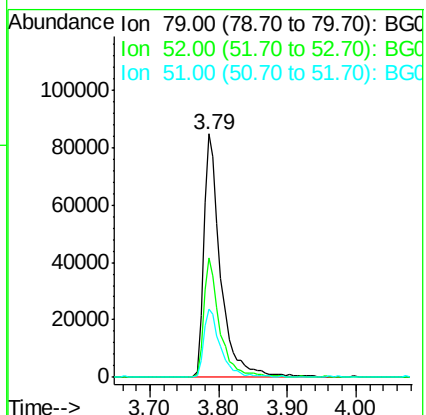
Tot Ion: 79 Resp: 146951

Ion Ratio Lower Upper

79 100

52 49.1 37.9 56.9

51 28.1 22.0 33.0



#4

n-Nitrosodimethylamine

Concen: 44.859 ng

RT: 3.69 min Scan# 103

Delta R.T. 0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

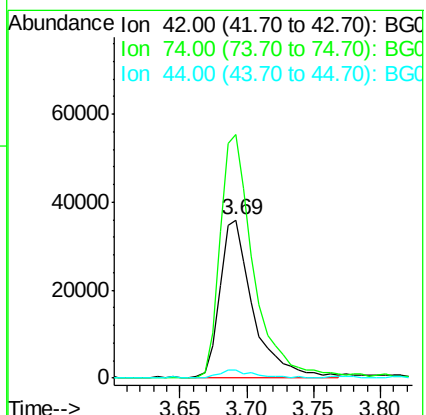
Tgt Ion: 42 Resp: 62941

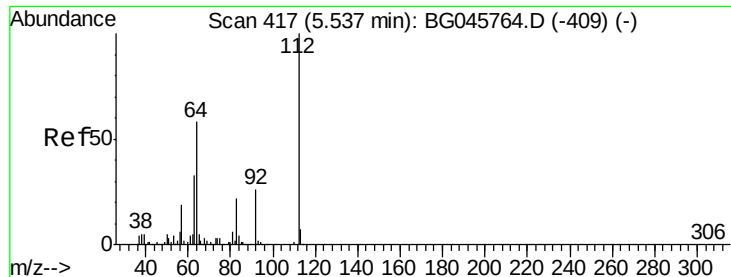
Ion Ratio Lower Upper

42 100

74 153.6 121.0 181.4

44 4.8 3.5 5.3





#5

2-Fluorophenol

Concen: 122.066 ng

RT: 5.52 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

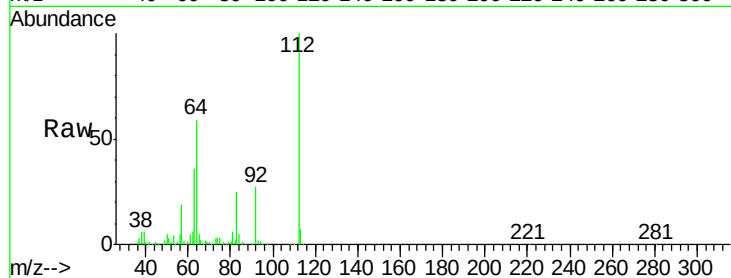
Tot Ion:112 Resp: 375945

Ion Ratio Lower Upper

112 100

64 59.4 46.6 69.8

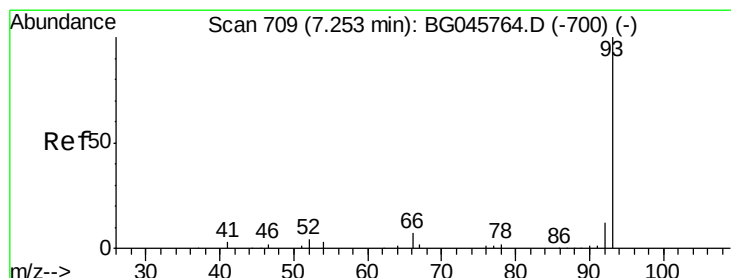
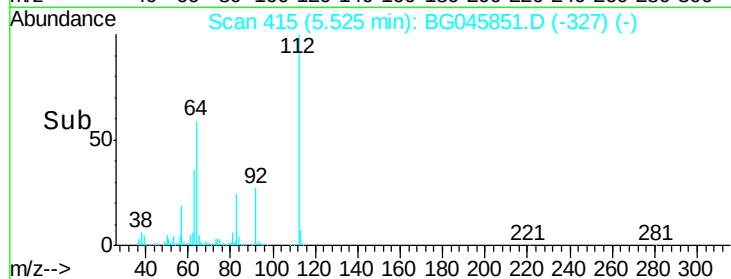
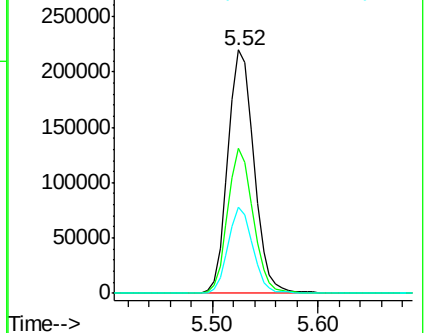
63 35.5 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.497 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

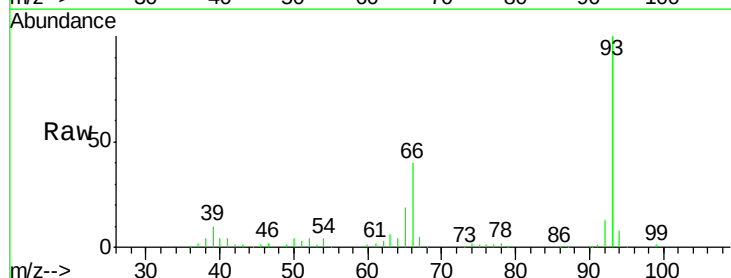
Tgt Ion: 93 Resp: 212352

Ion Ratio Lower Upper

93 100

66 39.7 30.0 45.0

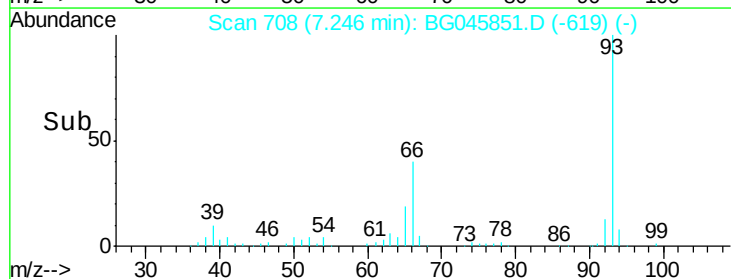
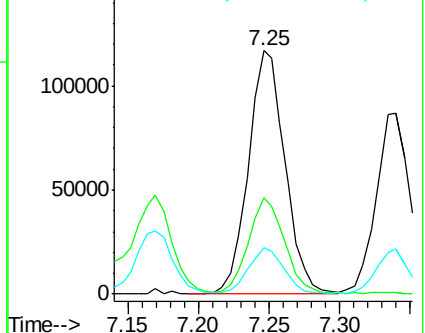
65 19.1 14.7 22.1

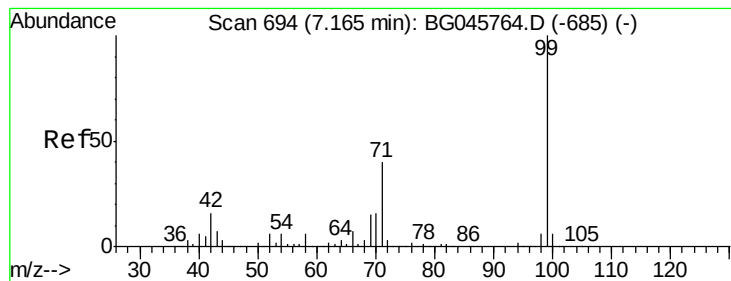


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.986 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

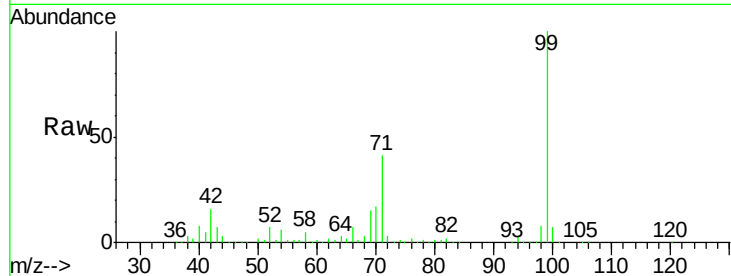
Tot Ion: 99 Resp: 468408

Ion Ratio Lower Upper

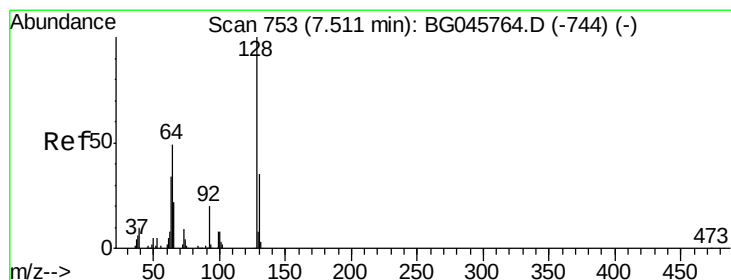
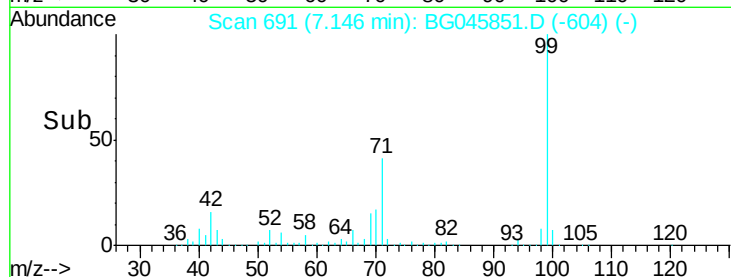
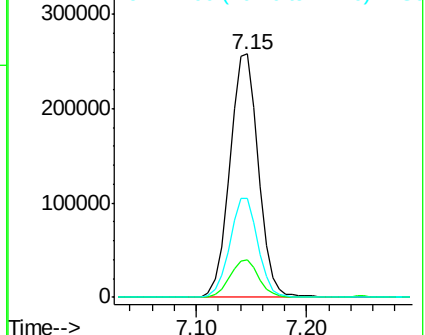
99 100

42 15.6 12.4 18.6

71 40.9 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: 46.801 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

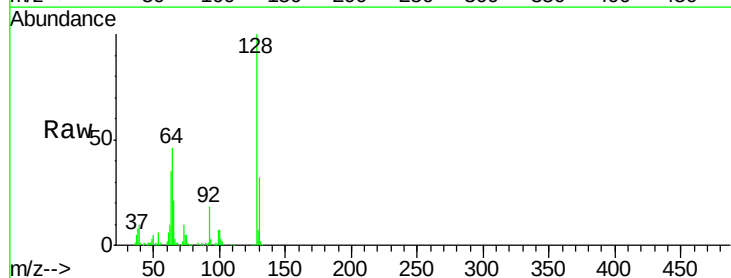
Tgt Ion:128 Resp: 154286

Ion Ratio Lower Upper

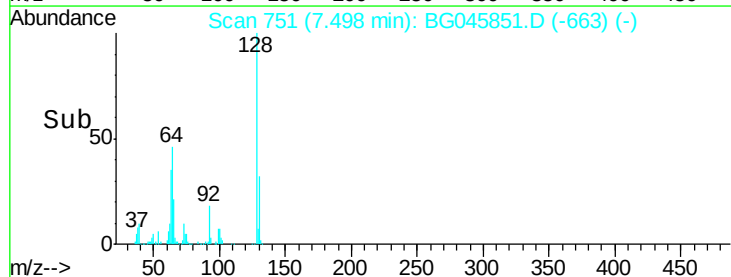
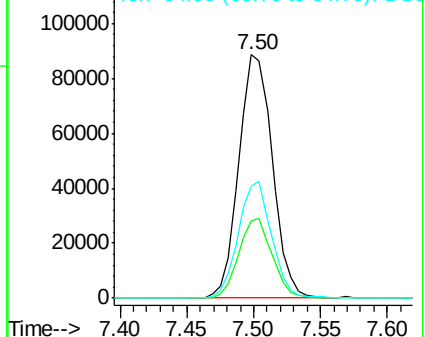
128 100

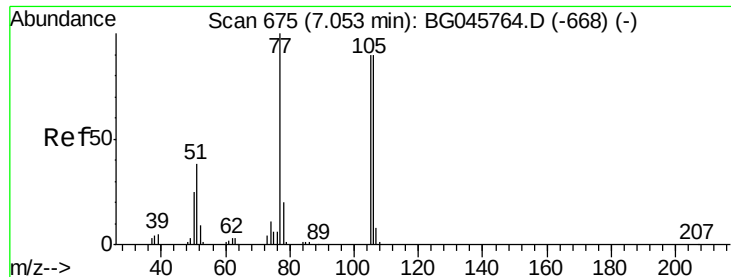
130 31.6 14.5 54.5

64 45.9 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: 26.871 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

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ClientSampleId :

RB47184-RTMS

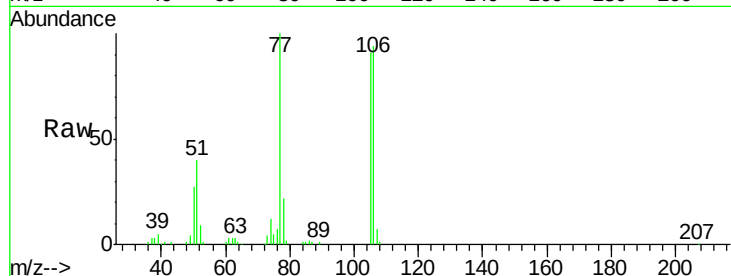
Tot Ion: 77 Resp: 75610

Ion Ratio Lower Upper

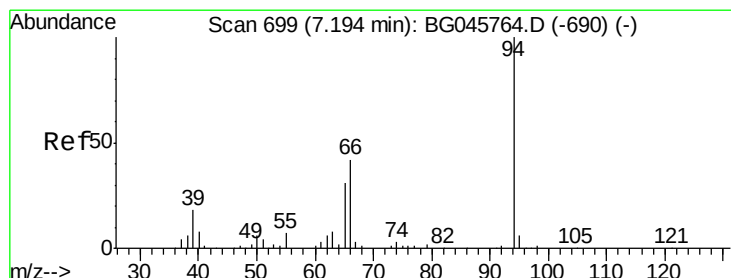
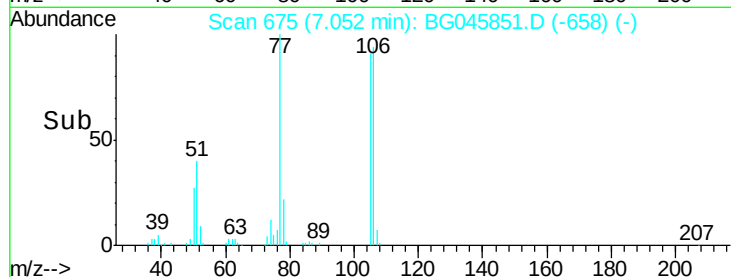
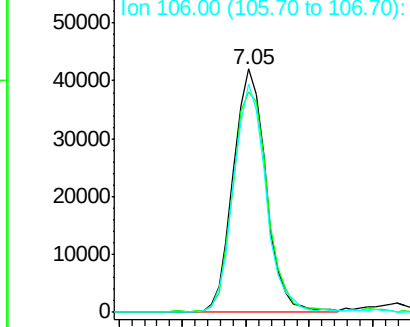
77 100

105 90.8 70.4 110.4

106 94.0 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.046 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

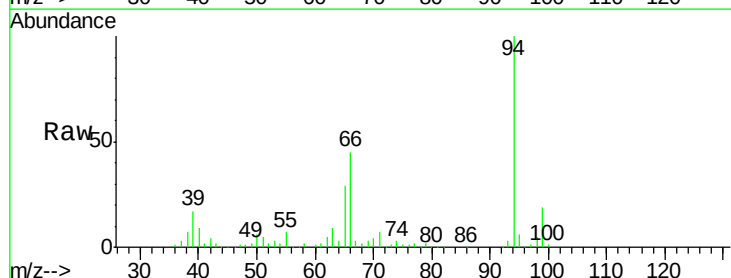
Tgt Ion: 94 Resp: 177236

Ion Ratio Lower Upper

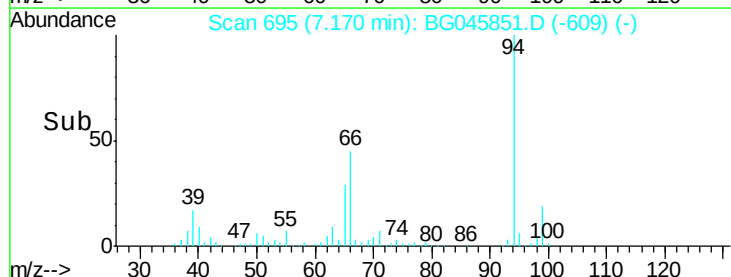
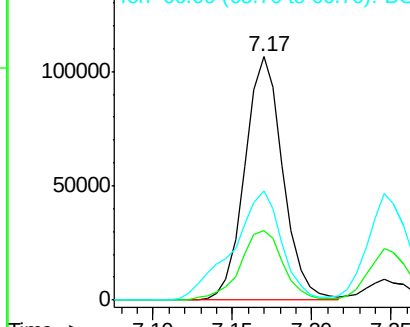
94 100

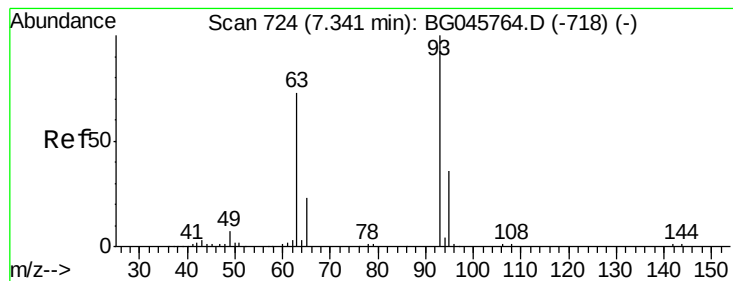
65 28.6 10.7 50.7

66 44.6 22.5 62.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

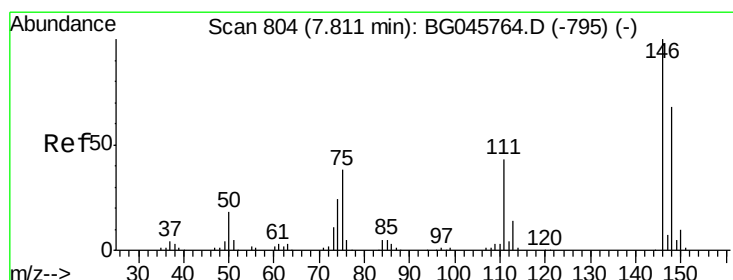
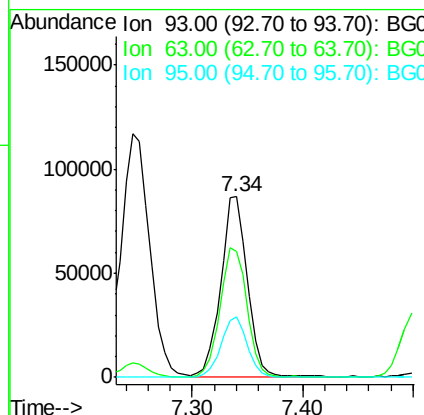
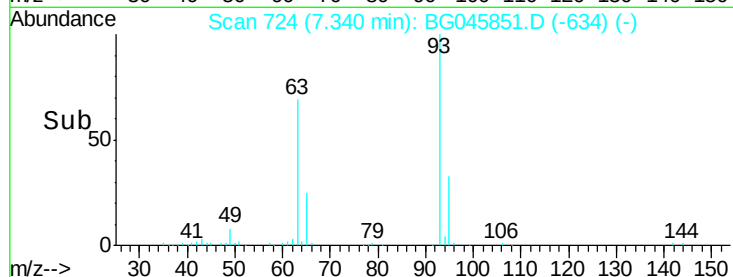
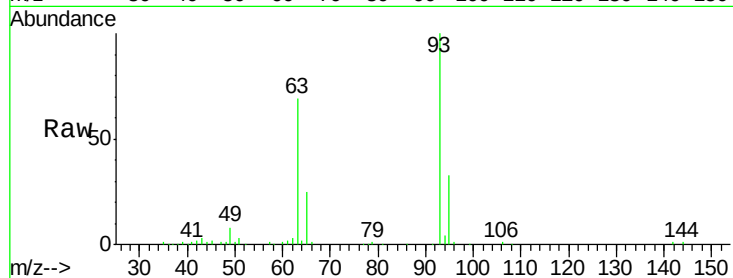




#11
bis(2-Chloroethyl)ether
Concen: 41.992 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

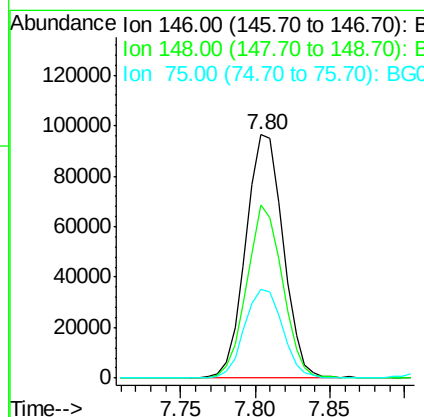
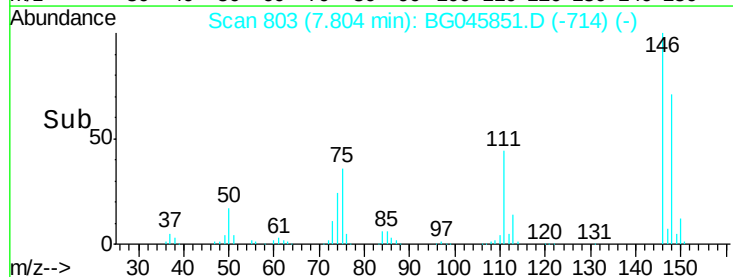
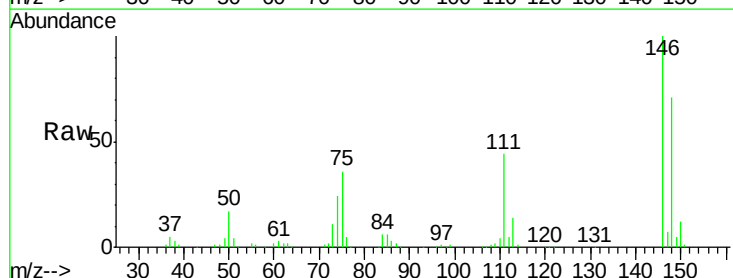
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

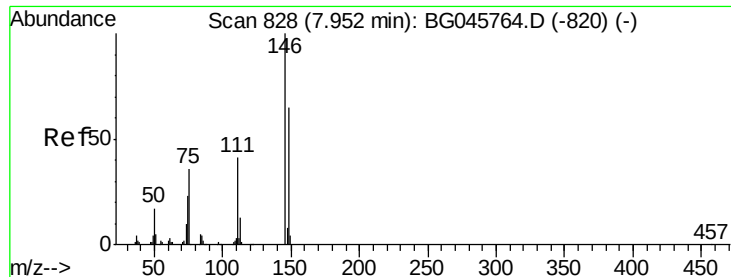
Tot Ion: 93 Resp: 144778
Ion Ratio Lower Upper
93 100
63 69.5 52.0 92.0
95 33.3 15.6 55.6



#12
1,3-Dichlorobenzene
Concen: 42.529 ng
RT: 7.80 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion: 146 Resp: 167082
Ion Ratio Lower Upper
146 100
148 71.1 54.2 81.4
75 36.3 30.1 45.1

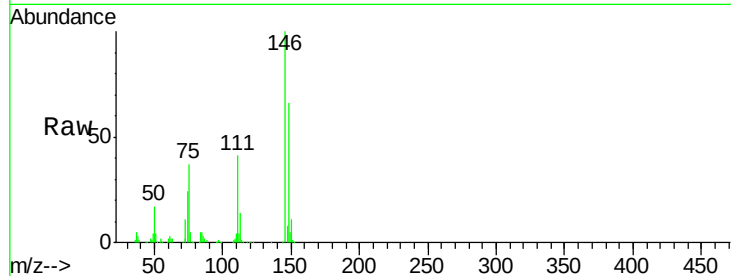




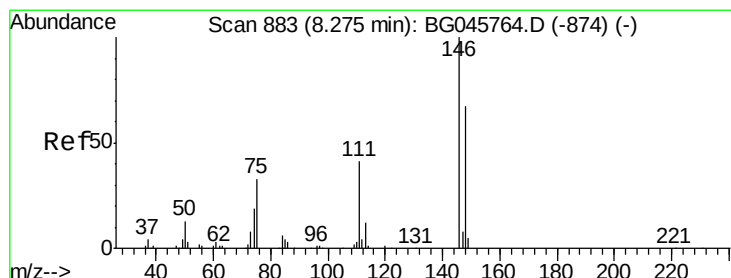
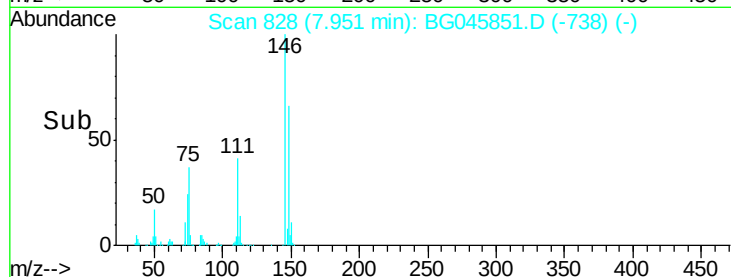
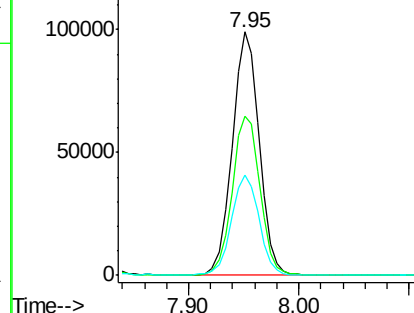
#13
 1,4-Dichlorobenzene
 Concen: 43.216 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.6
111	41.2	32.8	49.2

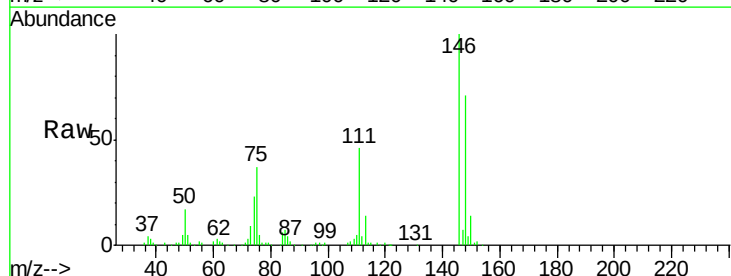


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

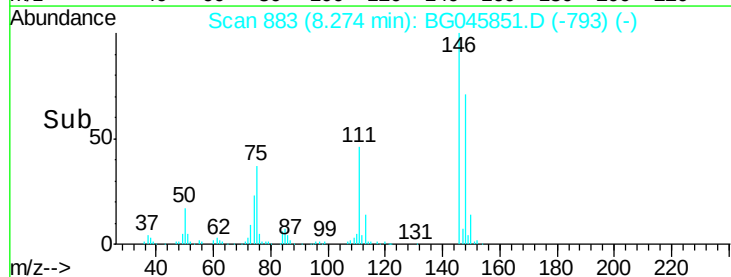
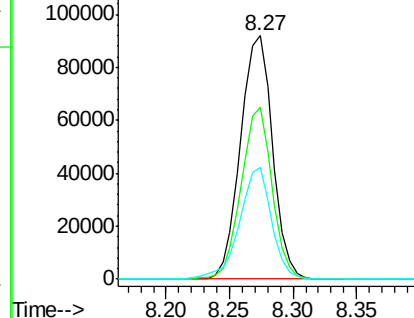


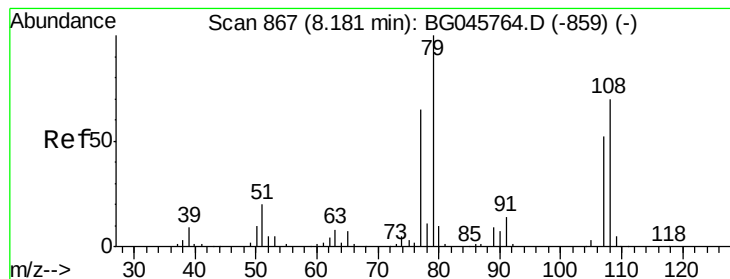
#14
 1,2-Dichlorobenzene
 Concen: 42.940 ng
 RT: 8.27 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.5	54.1	81.1
111	45.8	32.9	49.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.860 ng

RT: 8.17 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

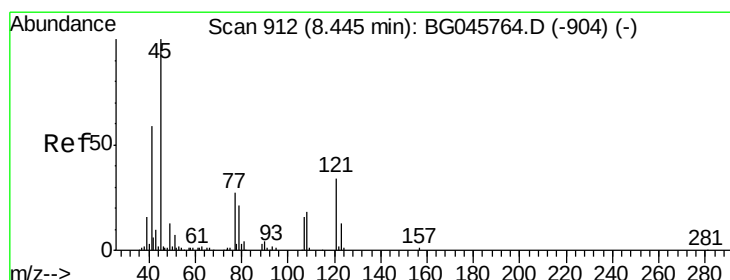
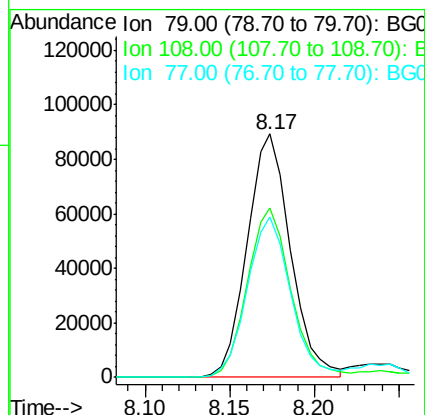
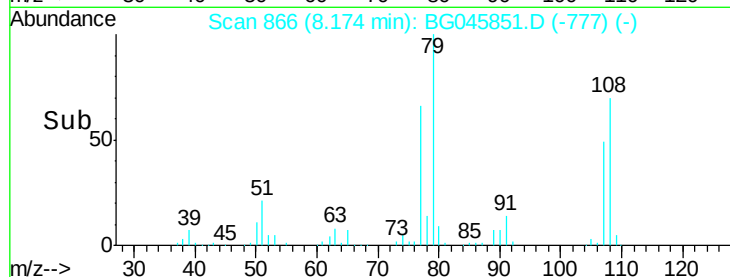
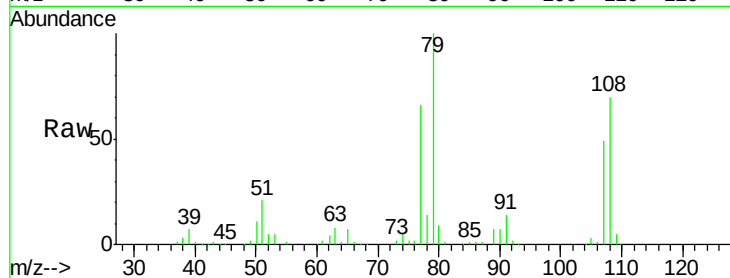
Tot Ion: 79 Resp: 159007

Ion Ratio Lower Upper

79 100

108 69.5 56.2 84.4

77 66.0 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.959 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

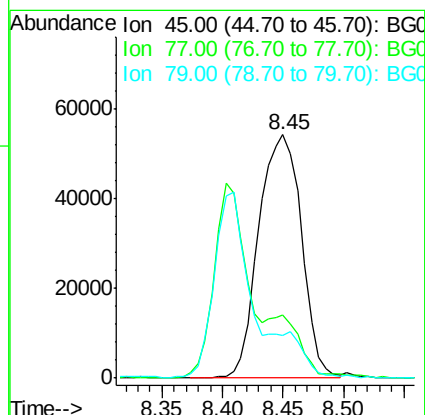
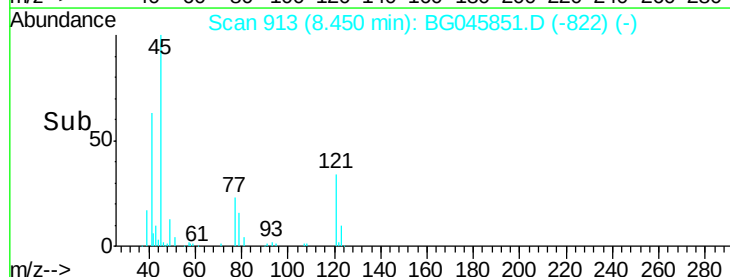
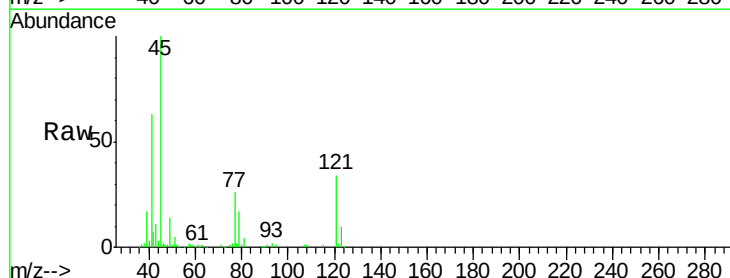
Tgt Ion: 45 Resp: 133095

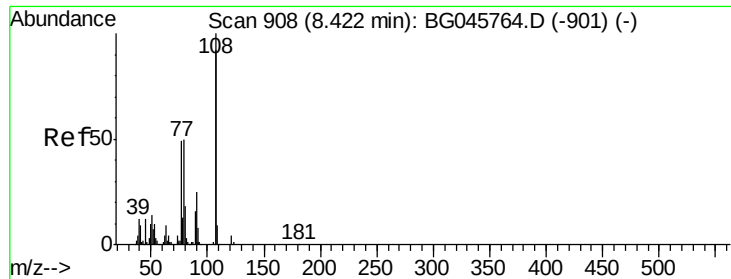
Ion Ratio Lower Upper

45 100

77 26.0 14.9 54.9

79 17.4 9.2 49.2

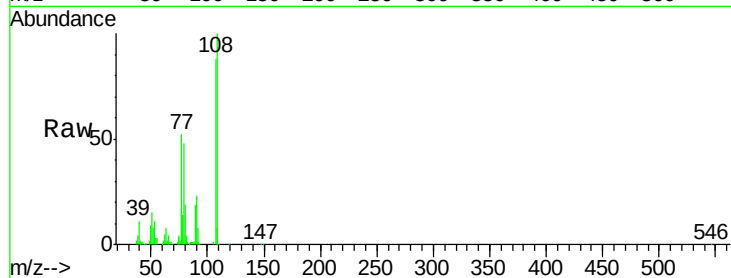




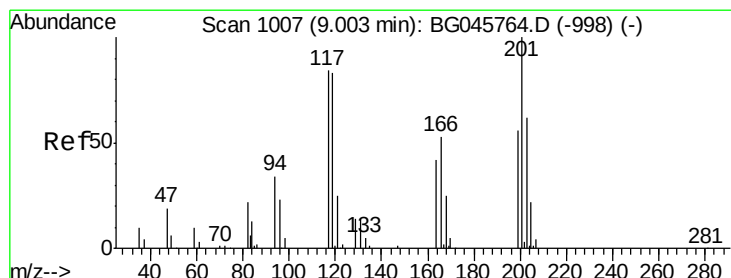
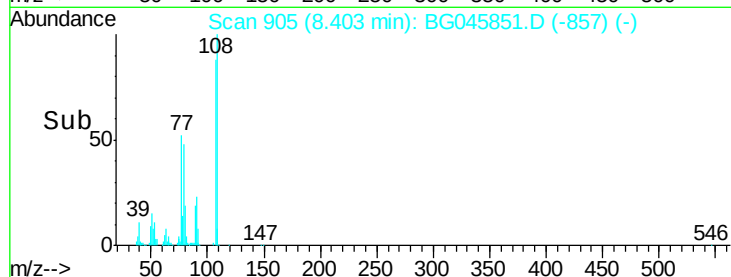
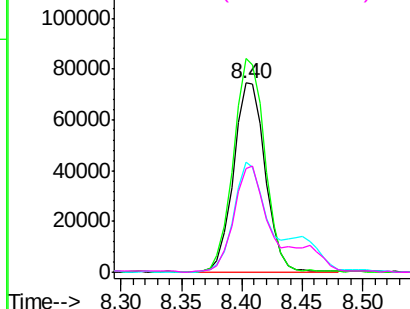
#17
2-Methylphenol
Concen: 40.377 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

Tot Ion:	107	Resp:	136398
Ion	Ratio	Lower	Upper
107	100		
108	113.0	87.4	131.0
77	58.4	42.5	63.7
79	54.7	44.0	66.0

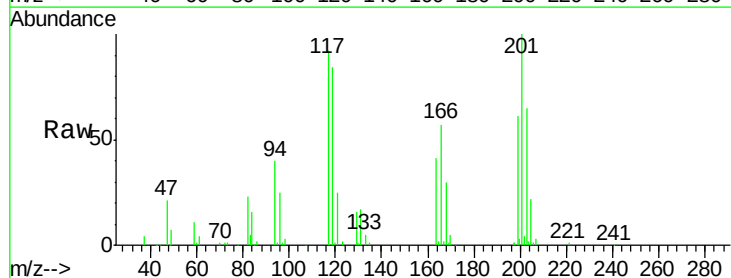


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

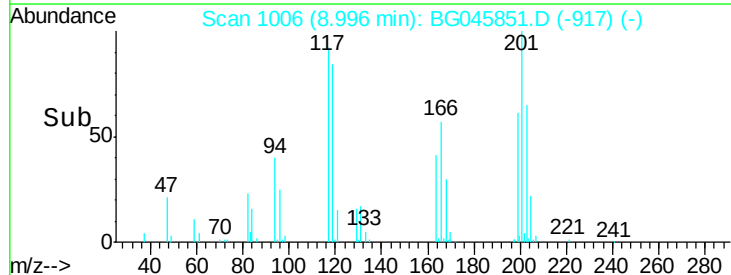
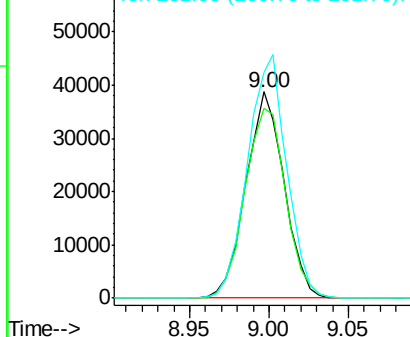


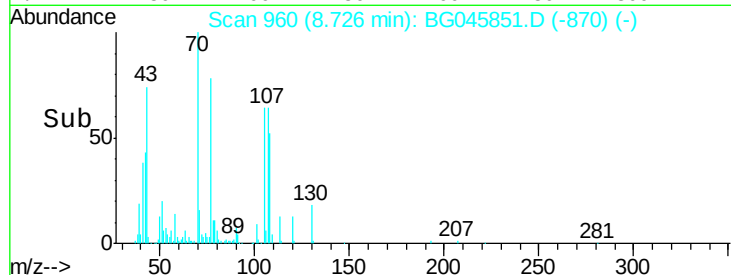
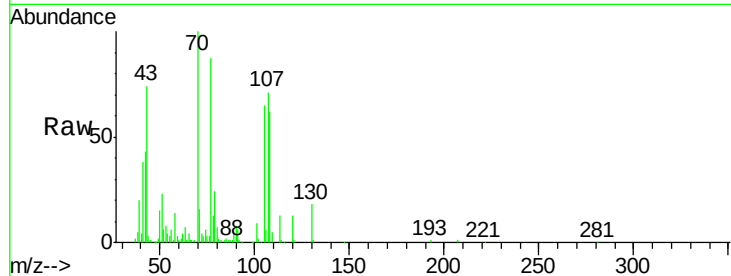
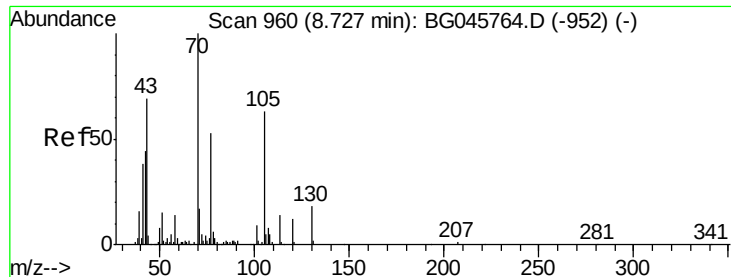
#18
Hexachloroethane
Concen: 43.548 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:	117	Resp:	64903
Ion	Ratio	Lower	Upper
117	100		
119	92.2	78.9	118.3
201	109.2	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

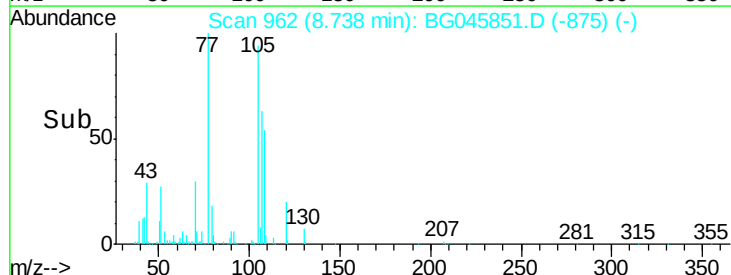
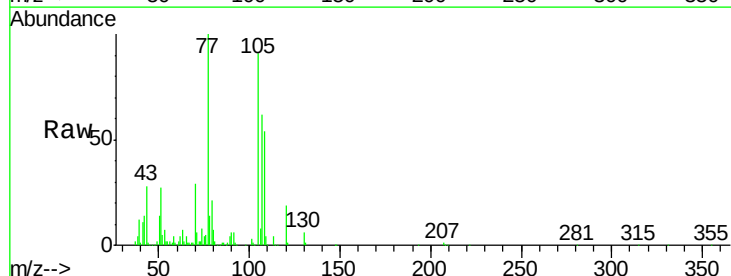
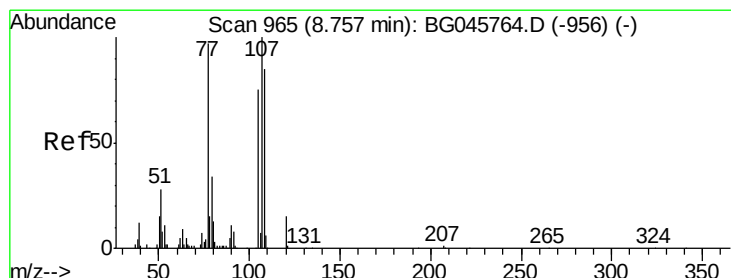
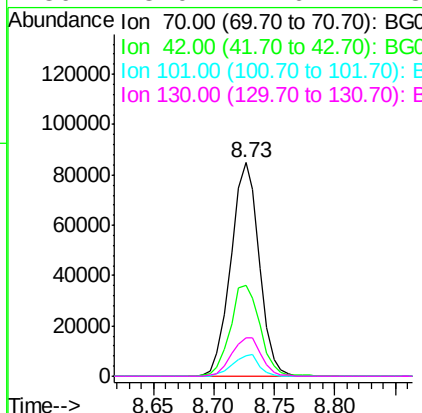




#19
n-Nitroso-di-n-propylamine
Concen: 45.001 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

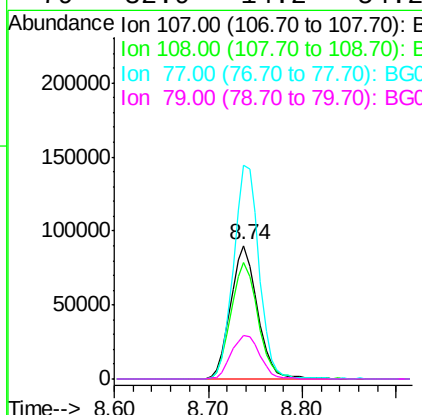
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

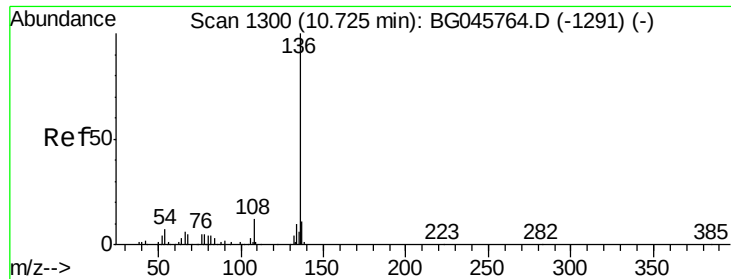
Tot Ion: 70 Resp: 138598
Ion Ratio Lower Upper
70 100
42 42.6 35.1 52.7
101 9.5 7.4 11.0
130 18.0 14.6 21.8



#20
3+4-Methylphenols
Concen: 40.116 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.02 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion: 107 Resp: 178224
Ion Ratio Lower Upper
107 100
108 87.1 65.4 105.4
77 160.1 77.2 117.2#
79 32.9 14.2 54.2

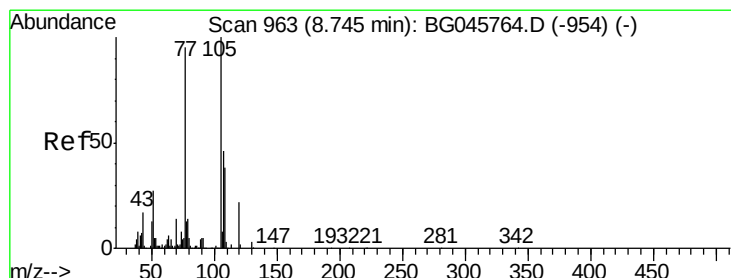
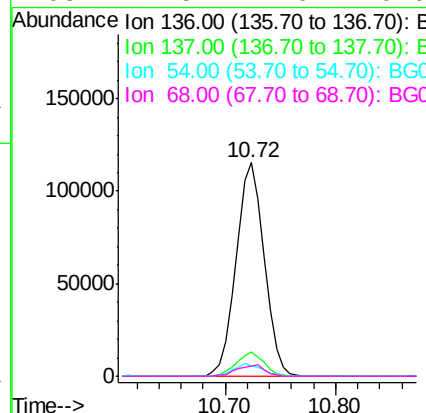
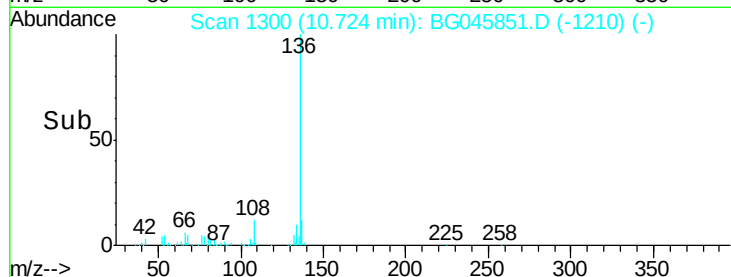
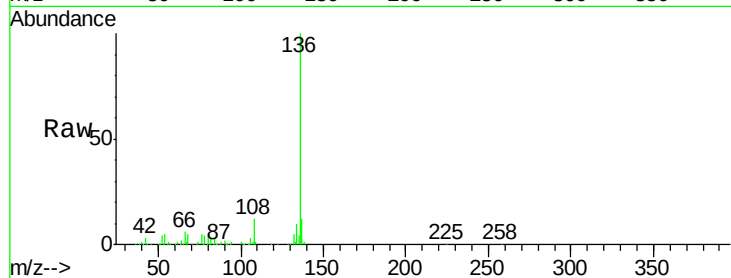




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

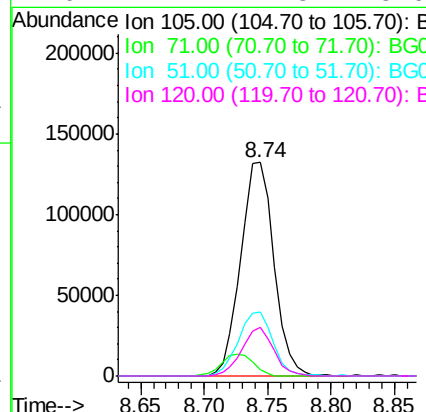
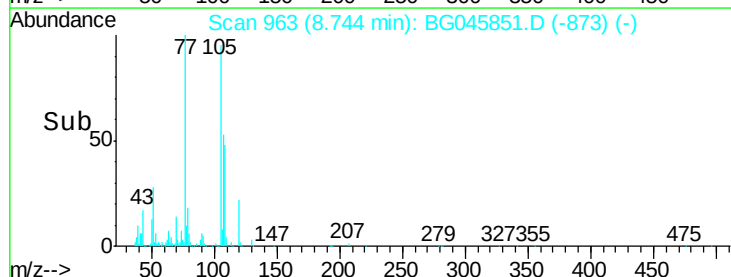
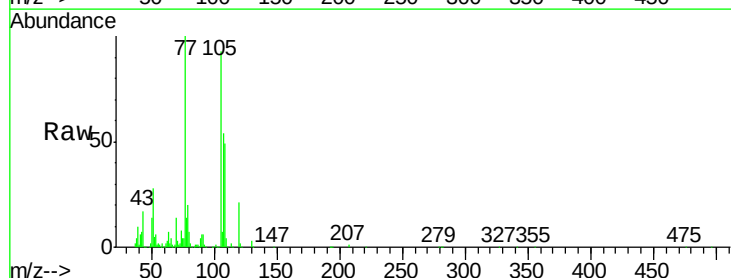
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

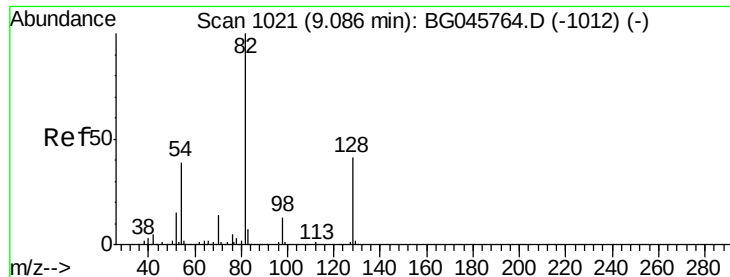
Tot Ion:136	Resp:	206561
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.7 13.1
54	5.1	5.8 8.6#
68	4.5	4.0 6.0



#22
Acetophenone
Concen: 42.530 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:105	Resp:	241122
Ion	Ratio	Lower Upper
105	100	
71	2.7	1.8 2.8
51	29.9	21.9 32.9
120	22.7	17.3 25.9

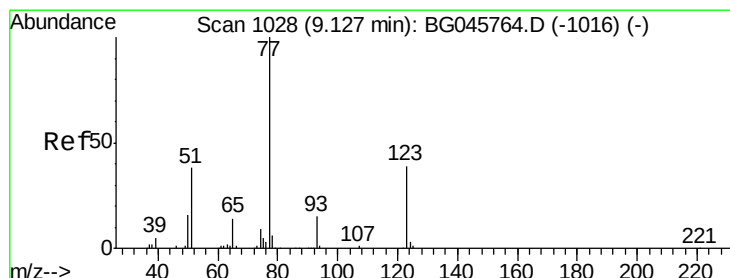
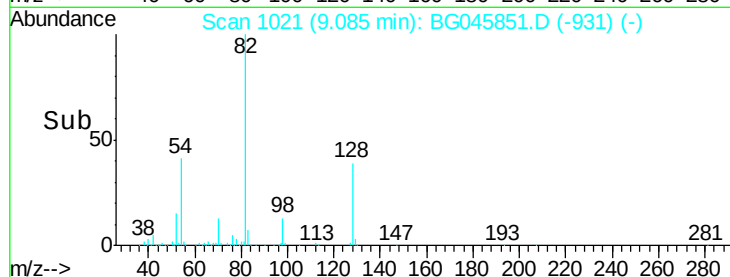
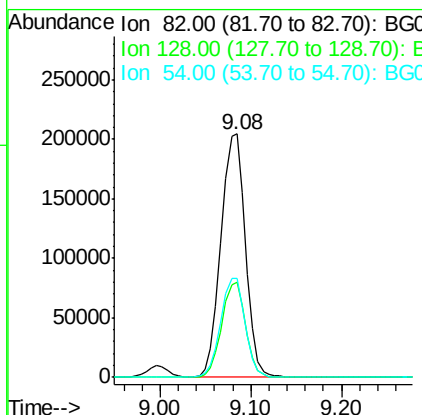
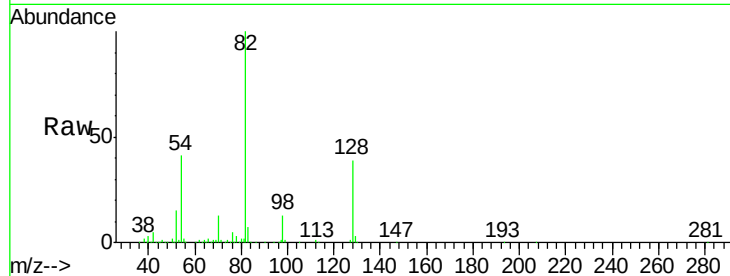




#23
Nitrobenzene-d5
Concen: 84.747 ng
RT: 9.08 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

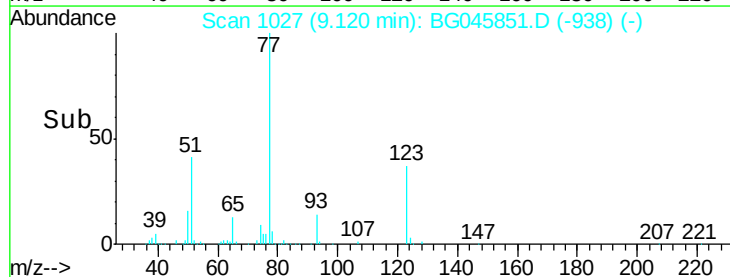
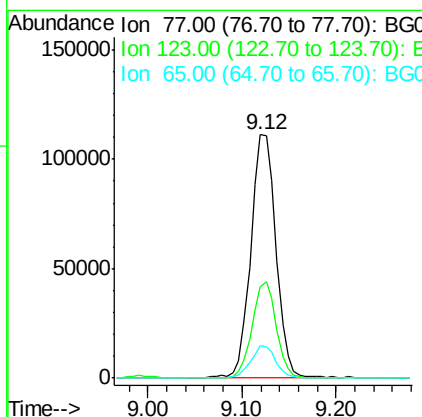
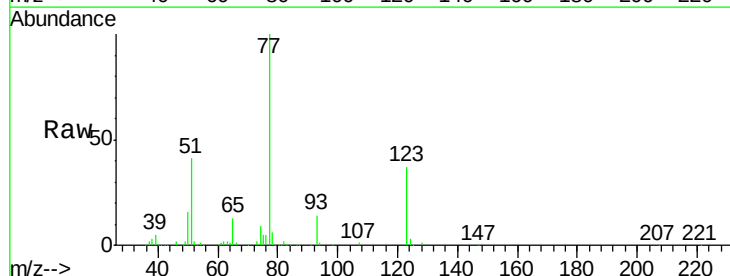
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

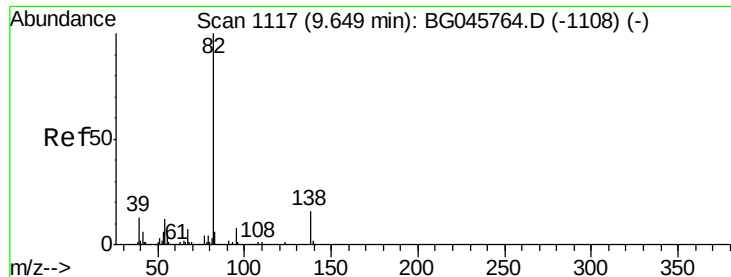
Tot Ion	82	Resp	383190
Ion Ratio	Lower	Upper	
82	100		
128	38.9	32.5	48.7
54	40.5	31.2	46.8



#24
Nitrobenzene
Concen: 42.958 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion	77	Resp	207103
Ion Ratio	Lower	Upper	
77	100		
123	37.3	31.2	46.8
65	13.5	11.4	17.2





#25

Isophorone

Concen: 41.450 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

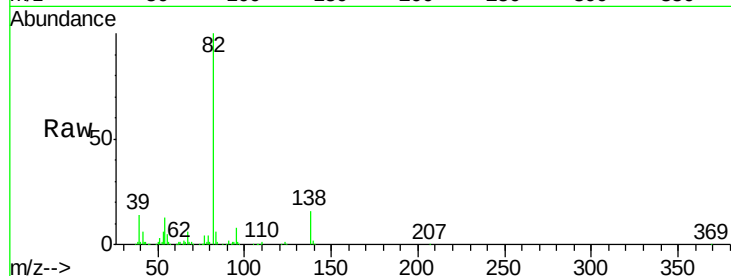
Tot Ion: 82 Resp: 362826

Ion Ratio Lower Upper

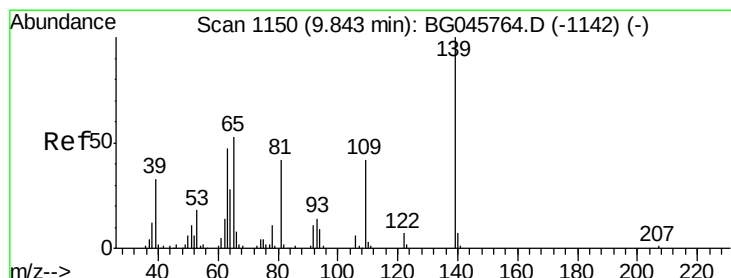
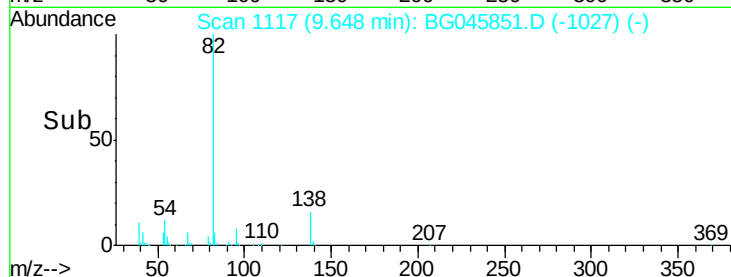
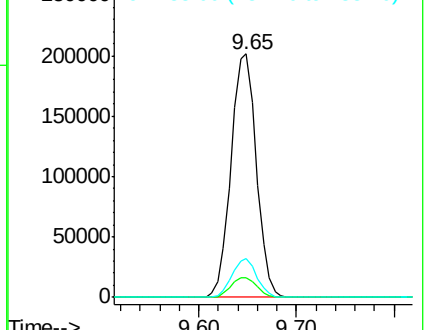
82 100

95 8.2 6.2 9.4

138 15.9 12.6 18.8



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



#26

2-Nitrophenol

Concen: 44.303 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

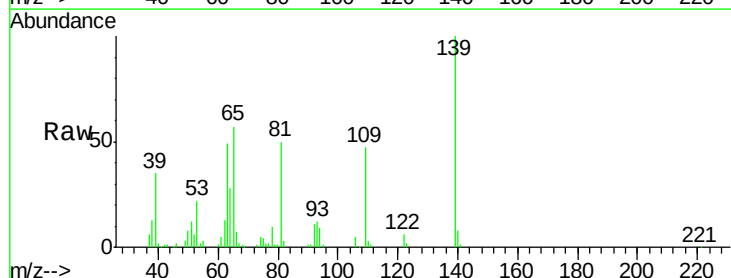
Tgt Ion: 139 Resp: 88984

Ion Ratio Lower Upper

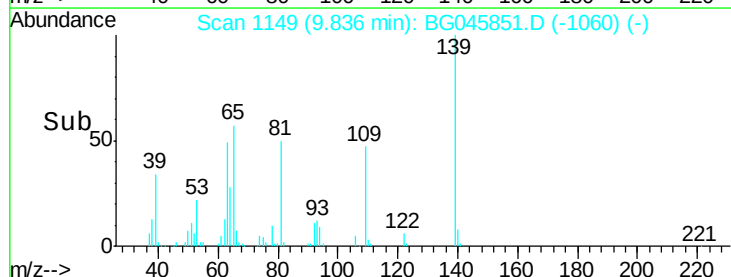
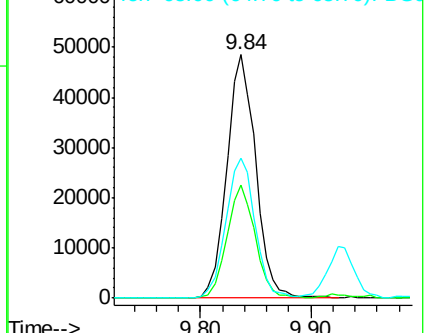
139 100

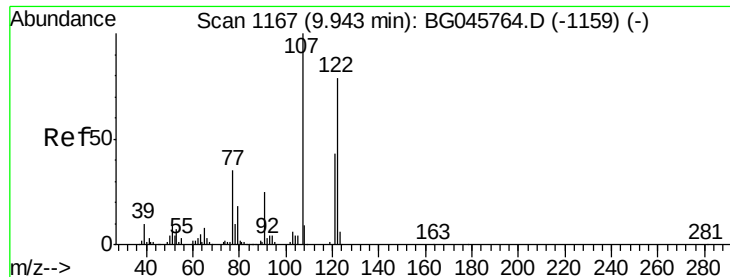
109 46.6 33.5 50.3

65 57.4 42.2 63.4



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





#27

2,4-Dimethylphenol

Concen: 45.288 ng

RT: 9.92 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampled :

RB47184-RTMS

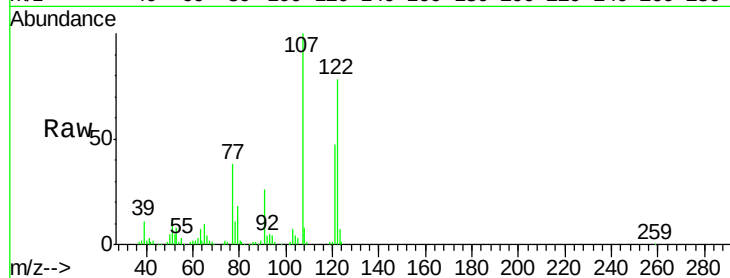
Tot Ion:122 Resp: 138876

Ion Ratio Lower Upper

122 100

107 127.8 101.3 151.9

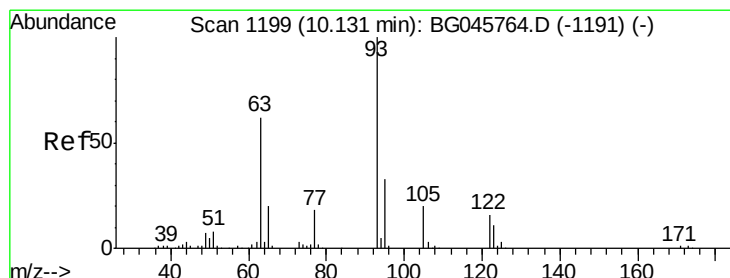
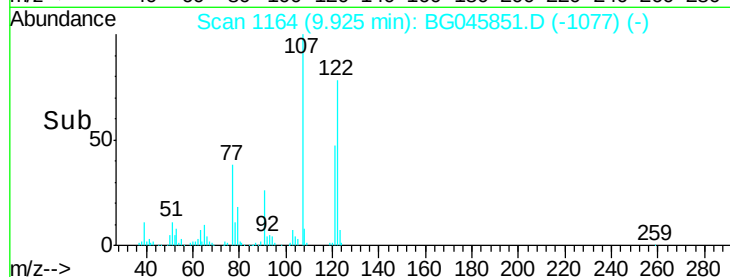
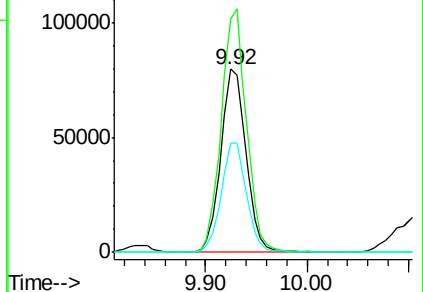
121 59.7 43.9 65.9



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: 43.228 ng

RT: 10.13 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

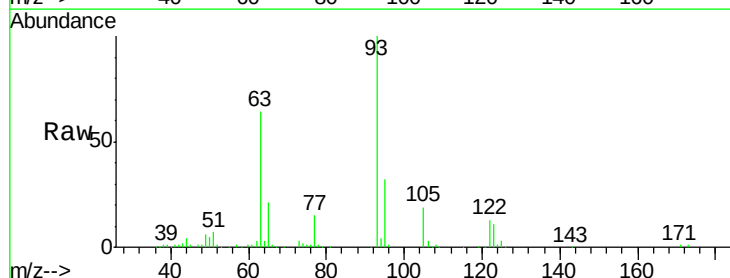
Tgt Ion: 93 Resp: 197654

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

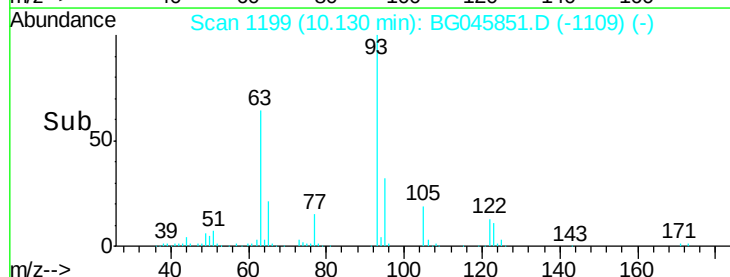
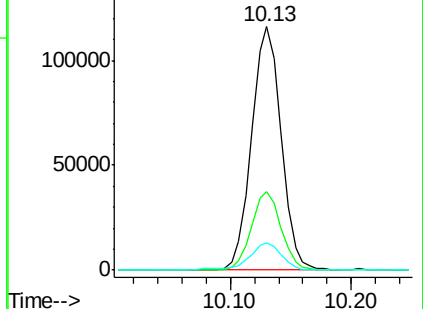
123 11.2 9.3 13.9

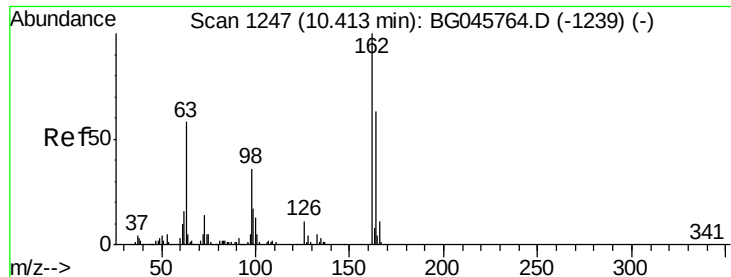


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

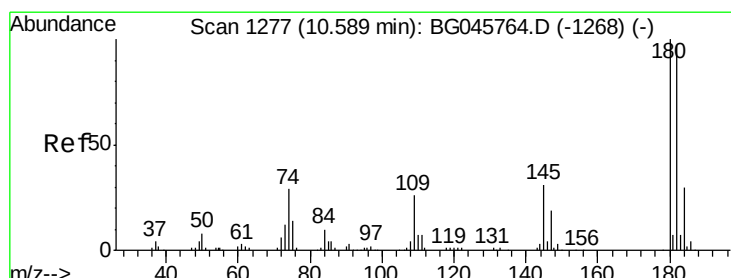
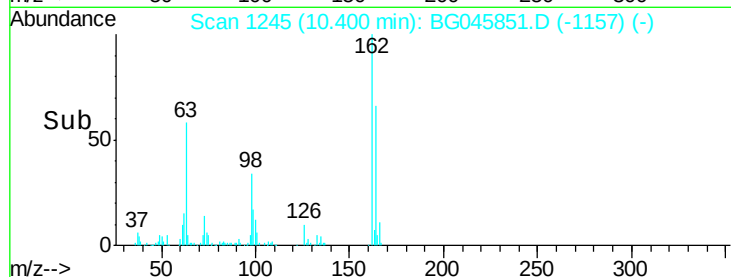
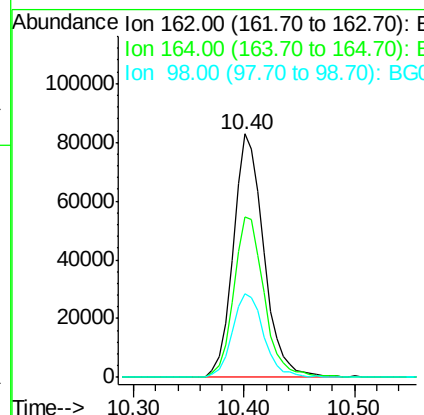
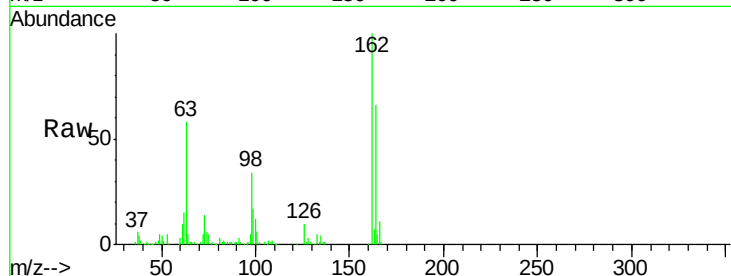




#29
2,4-Dichlorophenol
Concen: 44.903 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

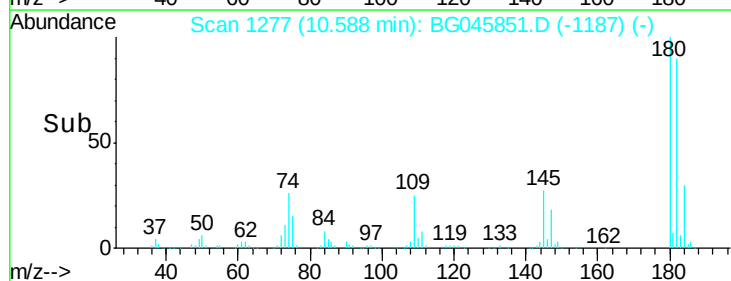
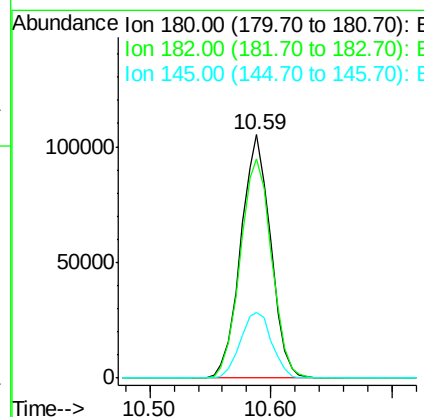
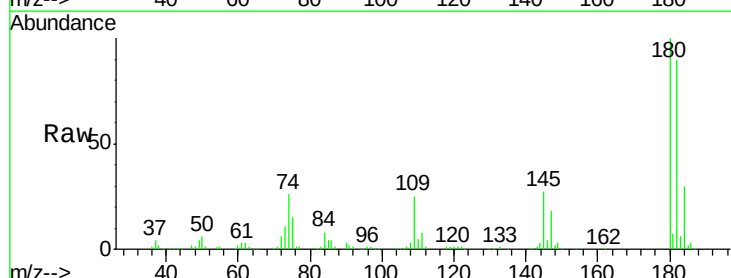
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

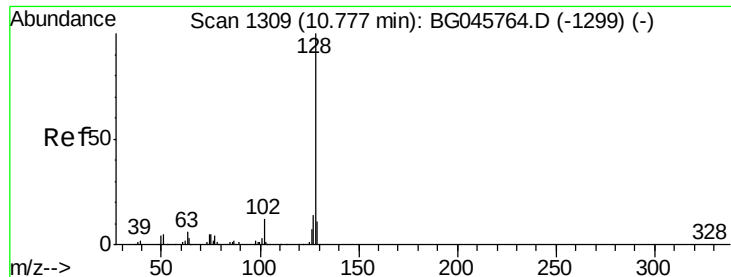
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	43.3	83.3
98	34.2	15.5	55.5



#30
1,2,4-Trichlorobenzene
Concen: 42.736 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	77.8	116.6
145	26.9	24.5	36.7

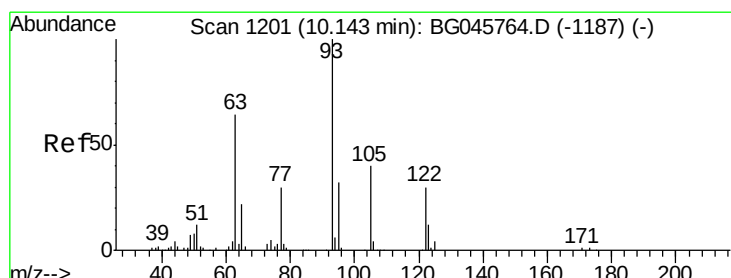
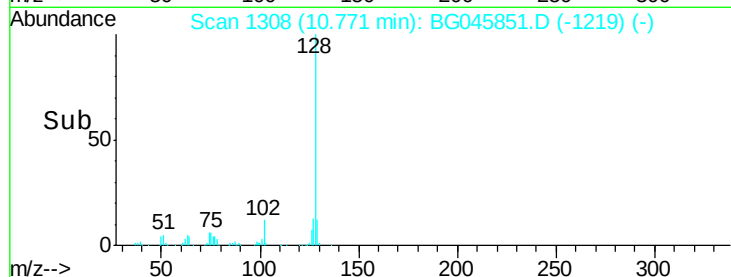
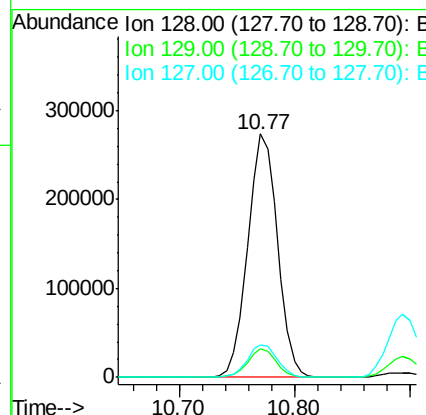
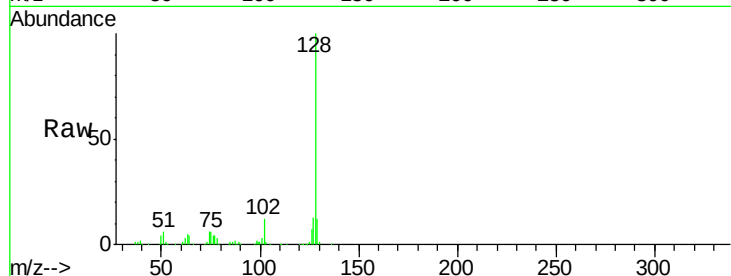




#31
Naphthalene
Concen: 43.490 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

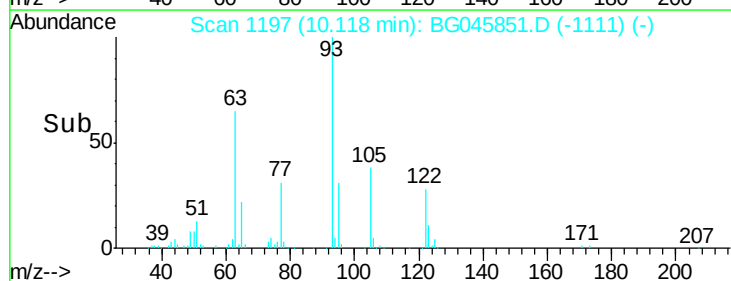
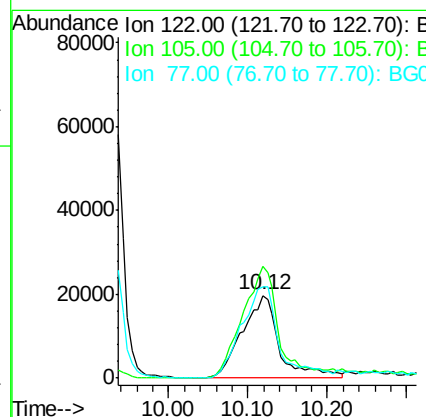
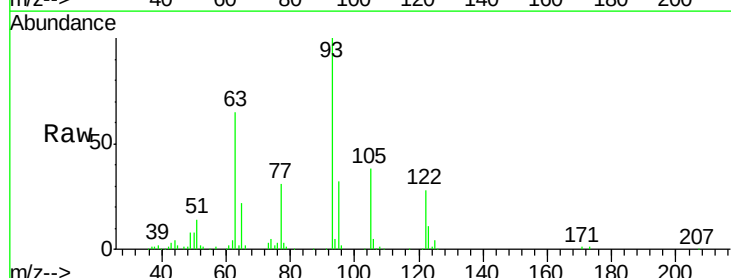
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

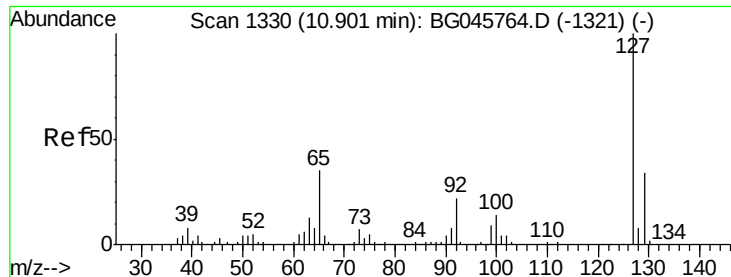
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.3	10.9	16.3



#32
Benzoic acid
Concen: 35.384 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.5	112.9	152.9
77	110.4	79.2	119.2

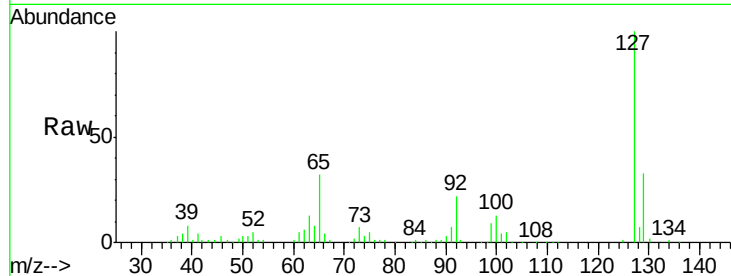




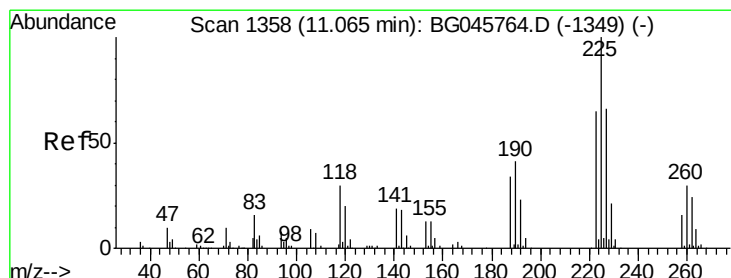
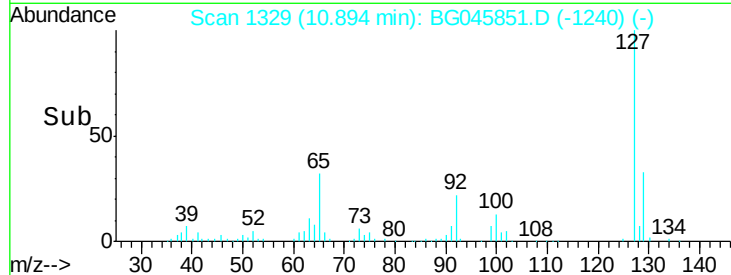
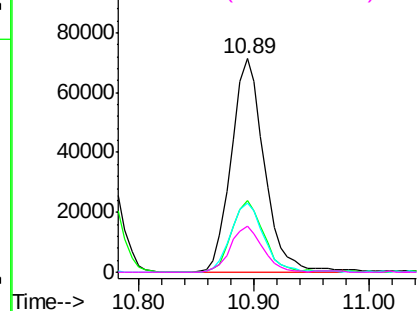
#33
4-Chloroaniline
Concen: 29.966 ng
RT: 10.89 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

Tot Ion:127 Resp: 141714
Ion Ratio Lower Upper
127 100
129 33.5 26.8 40.2
65 32.4 27.8 41.8
92 21.5 17.3 25.9

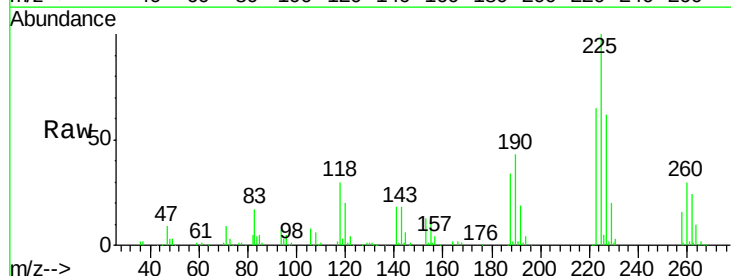


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

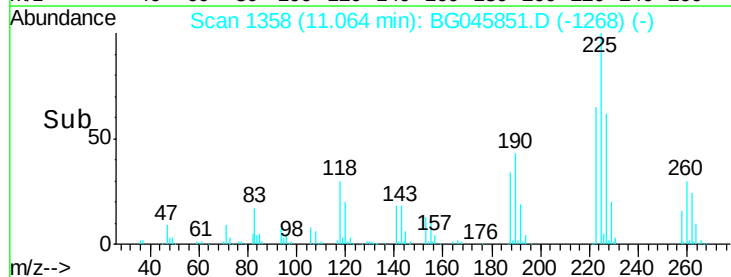
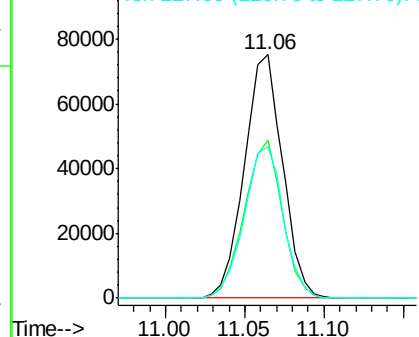


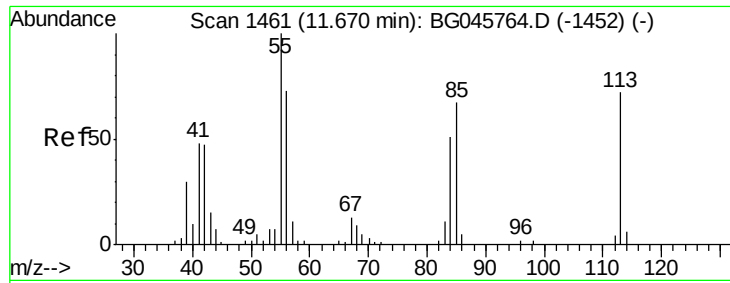
#34
Hexachlorobutadiene
Concen: 41.710 ng
RT: 11.06 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:225 Resp: 125639
Ion Ratio Lower Upper
225 100
223 64.8 52.0 78.0
227 62.4 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

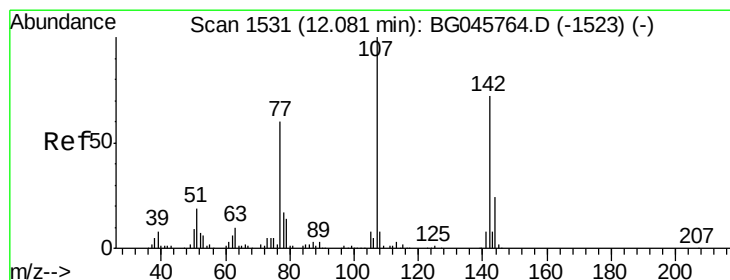
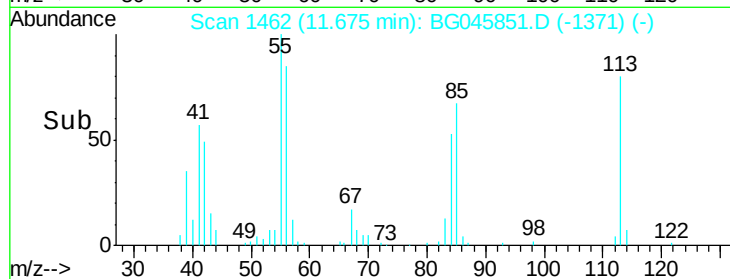
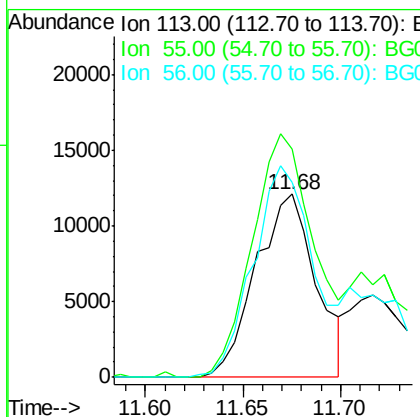
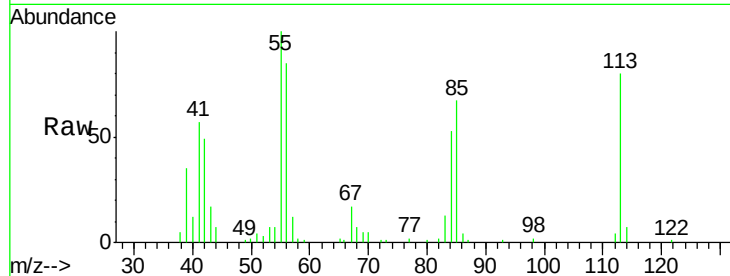




#35
 Caprolactam
 Concen: 22.233 ng
 RT: 11.68 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

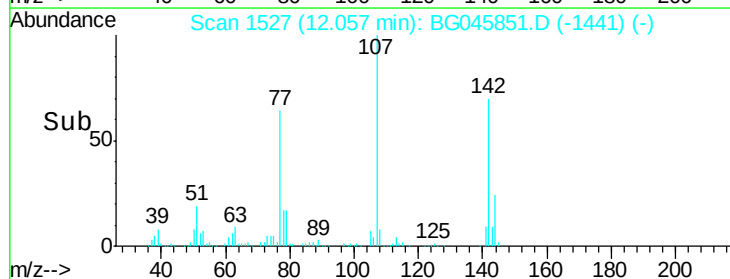
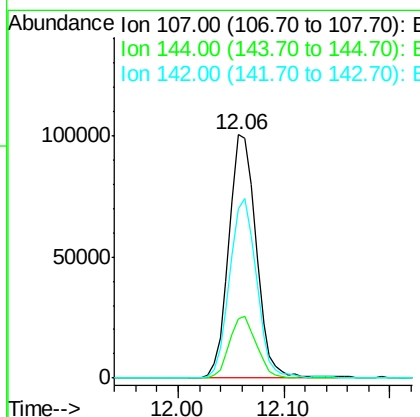
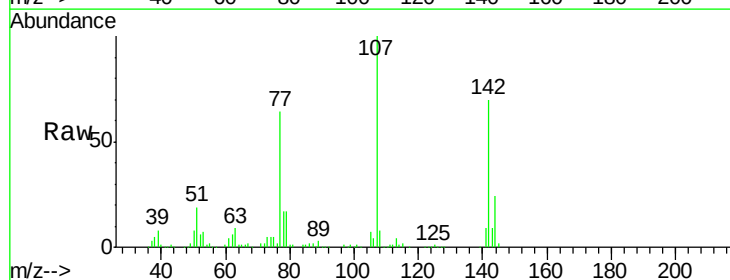
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMS

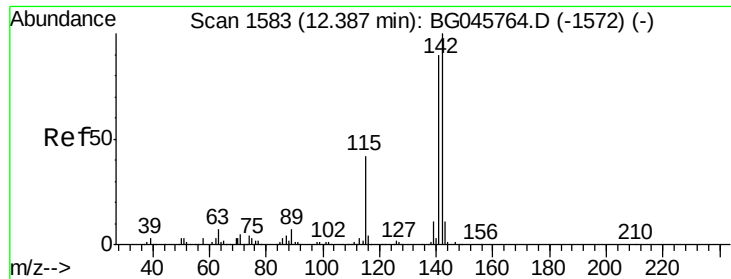
Tot Ion:113 Resp: 25740
 Ion Ratio Lower Upper
 113 100
 55 124.7 119.7 159.7
 56 106.2 82.5 122.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.680 ng
 RT: 12.06 min Scan# 1527
 Delta R.T. -0.02 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

Tgt Ion:107 Resp: 180436
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.5 29.3
 142 69.7 57.4 86.0

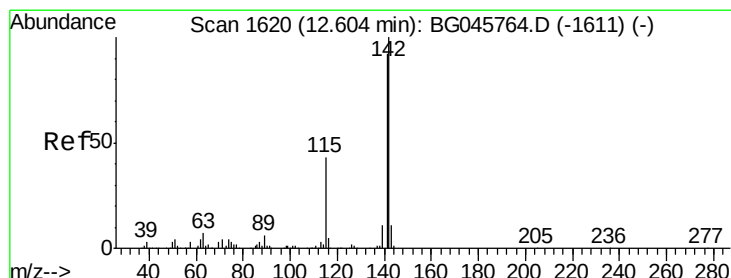
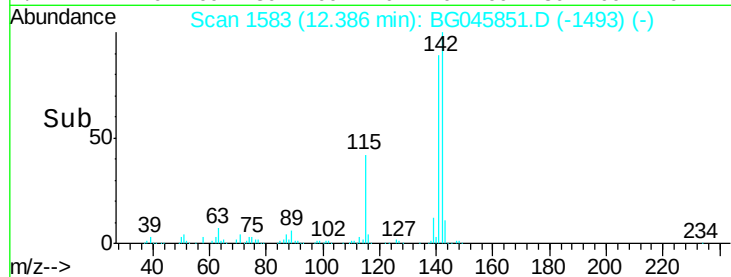
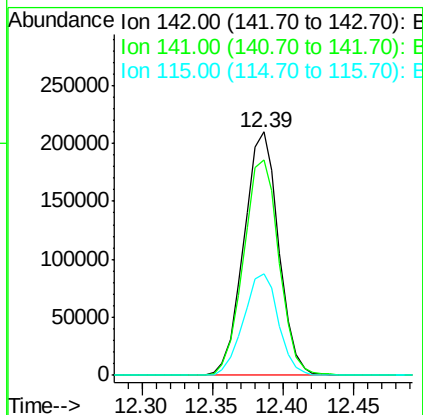
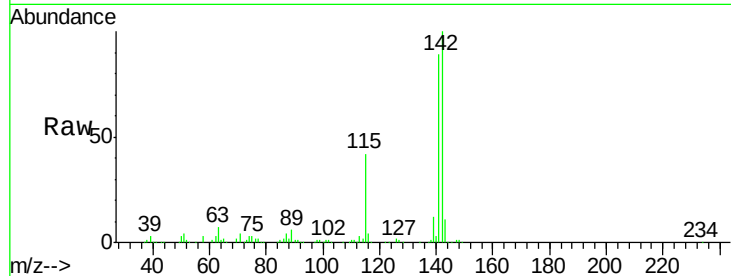




#37
 2-Methylnaphthalene
 Concen: 43.118 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

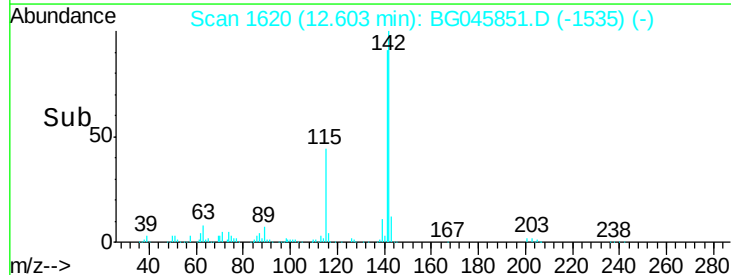
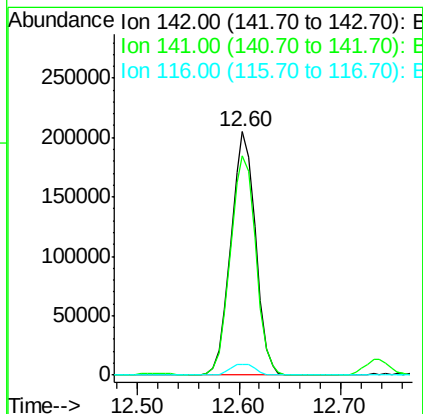
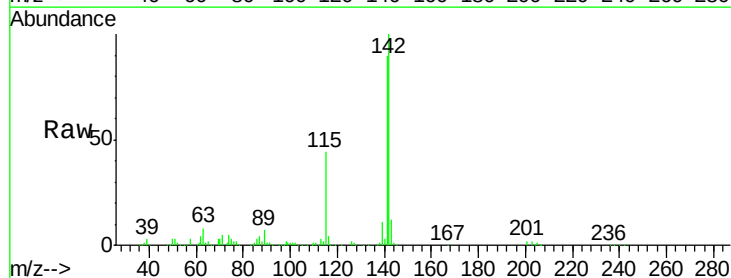
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMS

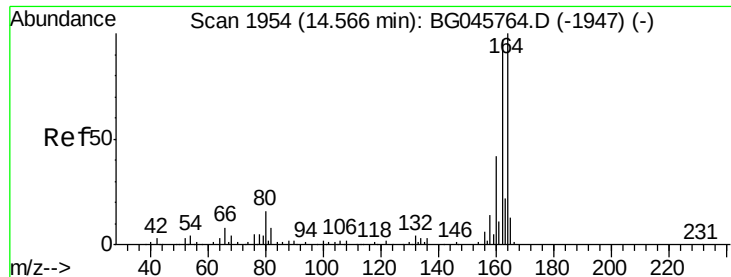
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5
115	41.9	33.8	50.6



#38
 1-Methylnaphthalene
 Concen: 43.309 ng
 RT: 12.60 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.8	110.8
116	4.3	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

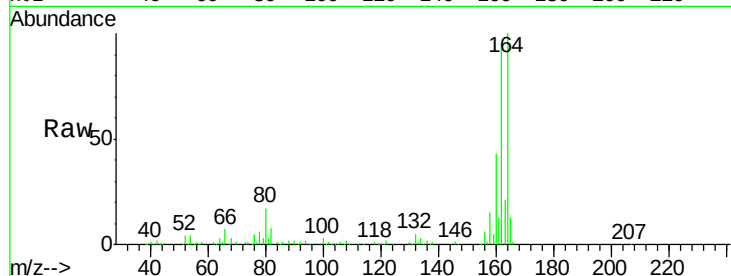
Tot Ion:164 Resp: 143080

Ion Ratio Lower Upper

164 100

162 95.0 77.4 116.0

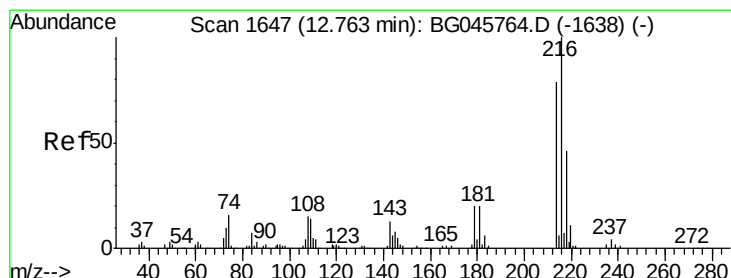
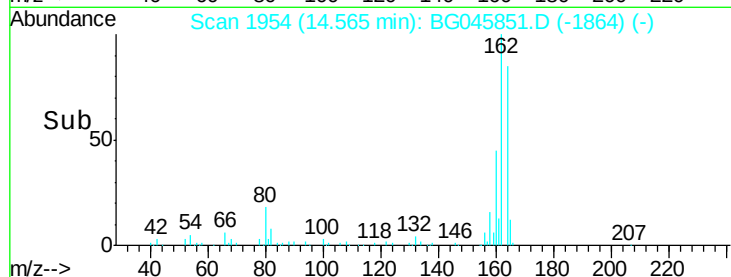
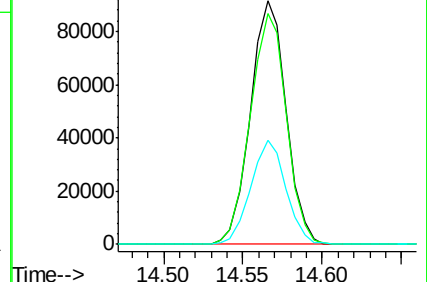
160 42.9 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.006 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Tgt Ion:216 Resp: 207324

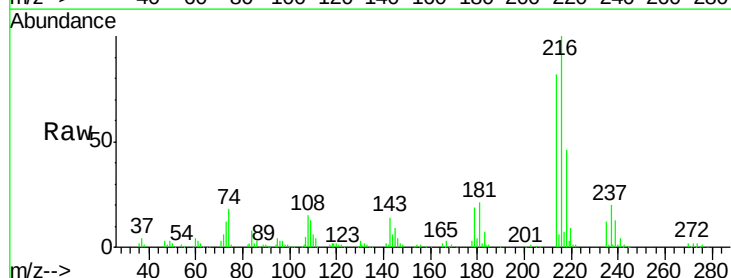
Ion Ratio Lower Upper

216 100

214 79.2 62.8 94.2

179 19.8 16.2 24.4

108 17.7 13.4 20.2

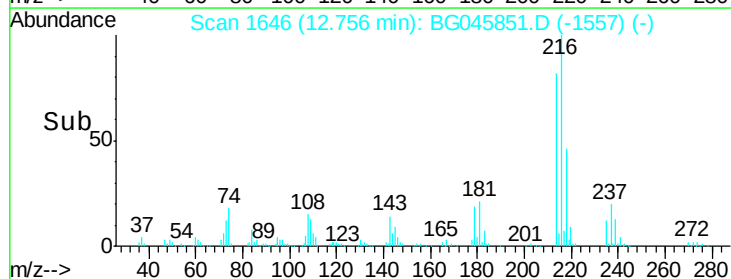
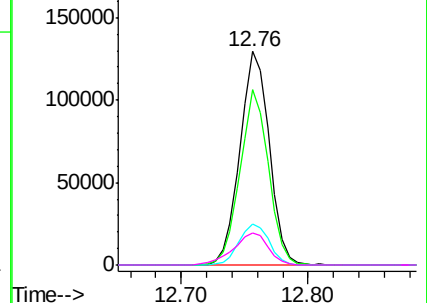


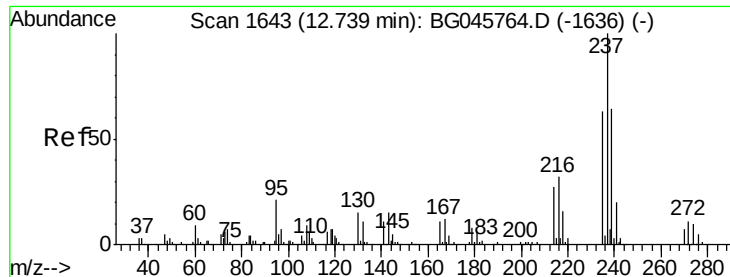
Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.770 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

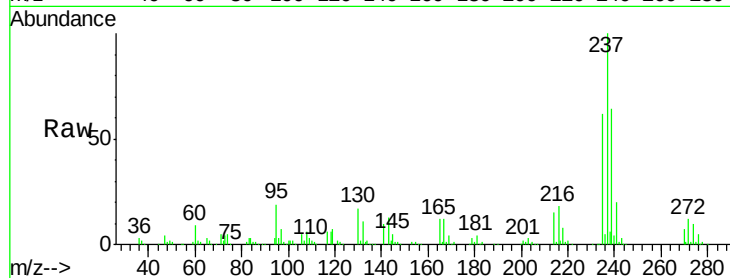
BNA_G

ClientSampleId :

RB47184-RTMS

Tot Ion:237 Resp: 210430

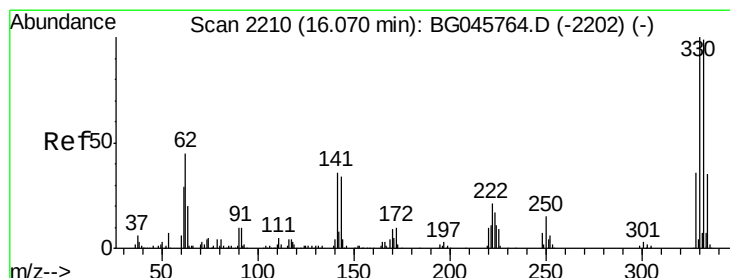
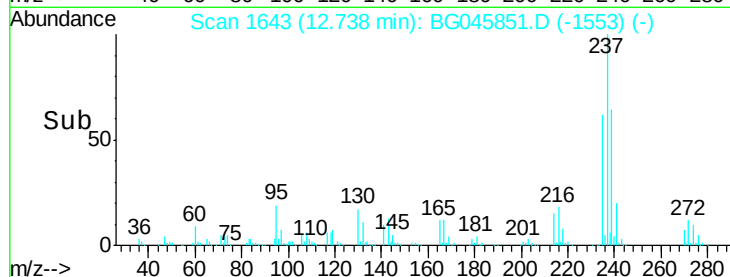
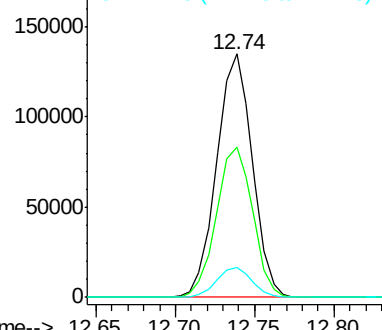
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.9	82.9
272	12.5	0.0	30.9



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: 122.939 ng

RT: 16.07 min Scan# 2210

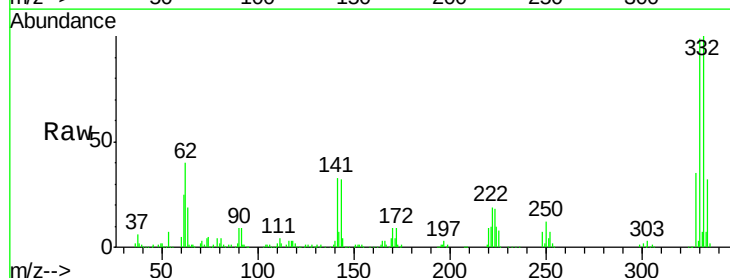
Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Tgt Ion:330 Resp: 265565

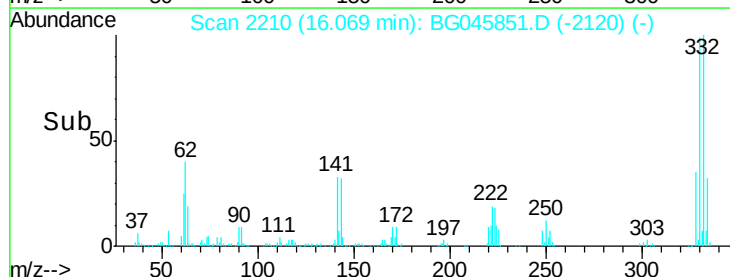
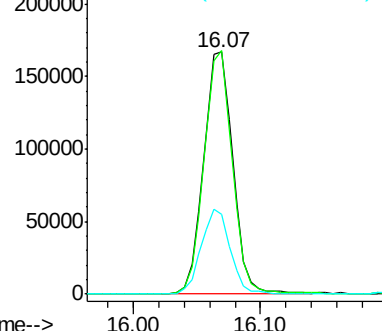
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	117.8
141	34.7	28.2	42.4

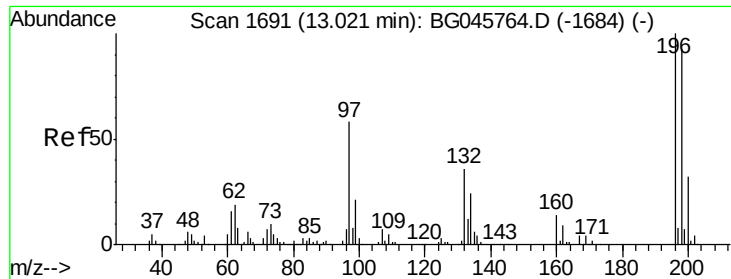


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

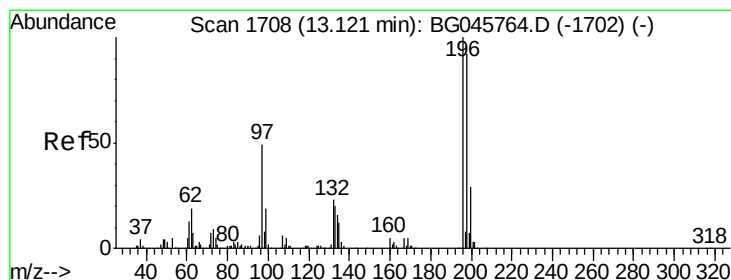
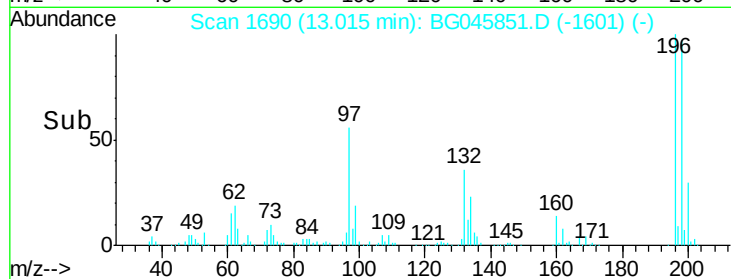
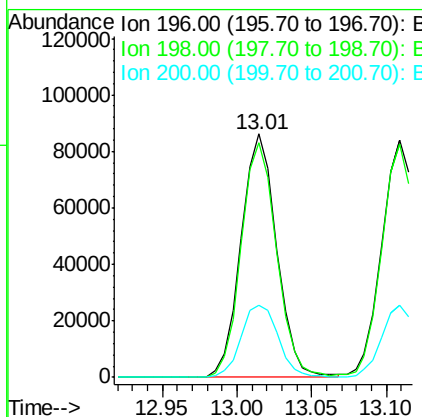
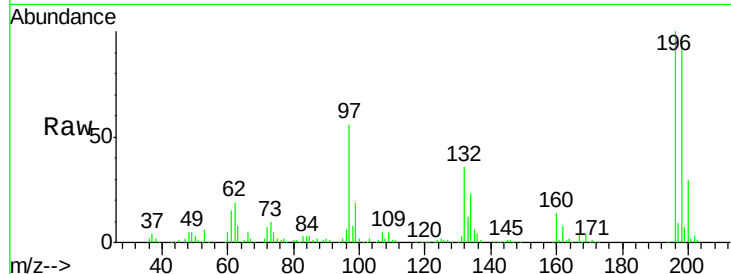




#43
 2,4,6-Trichlorophenol
 Concen: 44.585 ng
 RT: 13.01 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

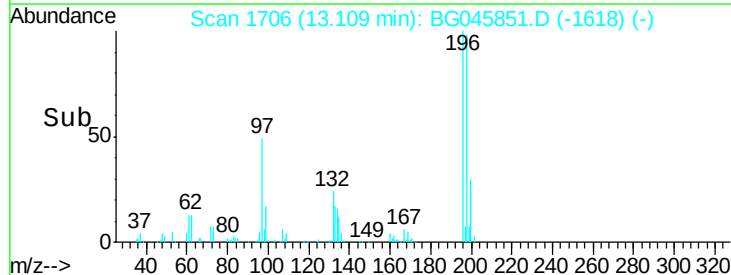
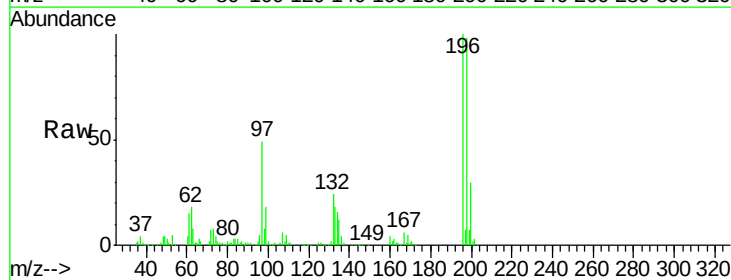
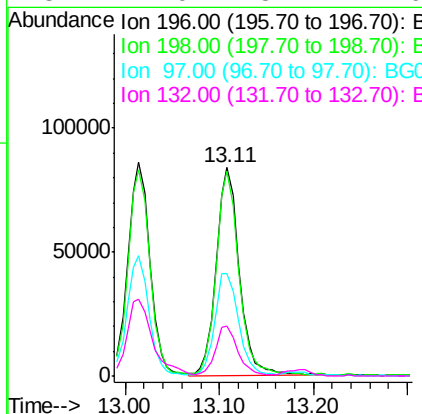
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMS

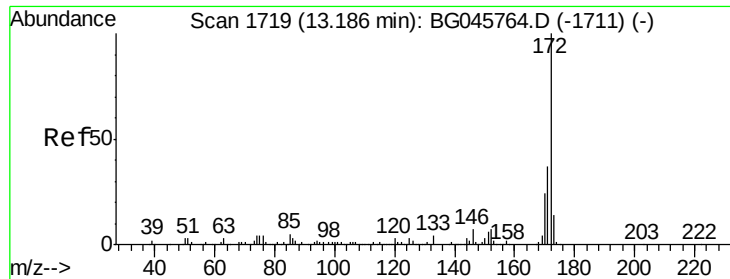
Tot Ion	196	Resp	142416
Ion Ratio	Lower	Upper	
196	100		
198	96.6	74.4	111.6
200	29.7	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.767 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

Tgt Ion	196	Resp	144774
Ion Ratio	Lower	Upper	
196	100		
198	98.4	74.0	111.0
97	49.1	39.0	58.6
132	24.0	18.4	27.6

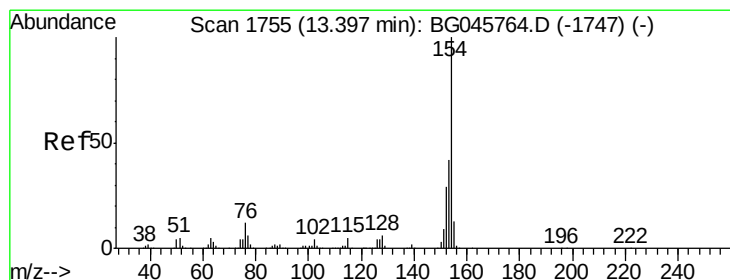
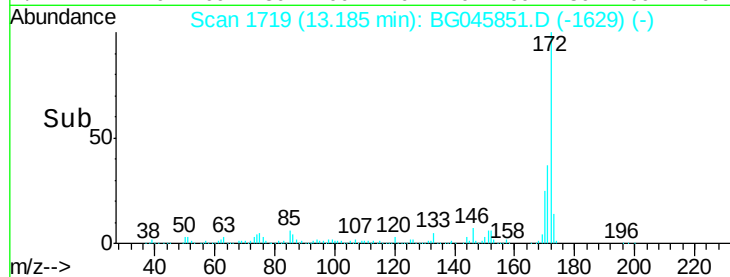
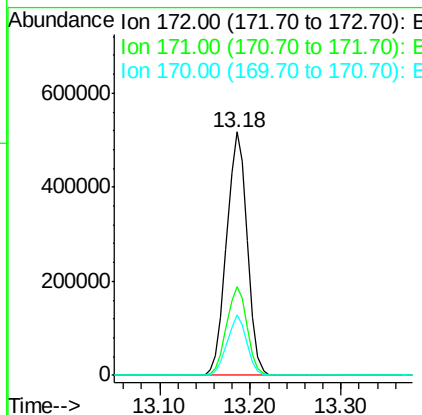
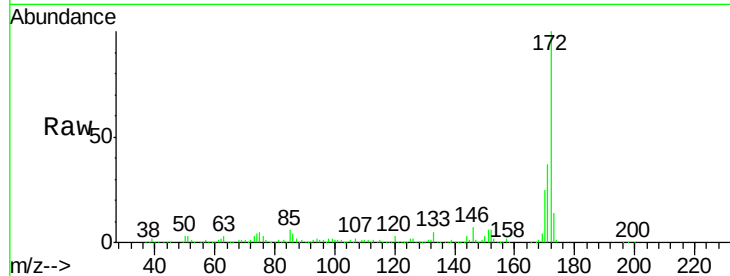




#45
2-Fluorobiphenyl
Concen: 83.920 ng
RT: 13.18 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

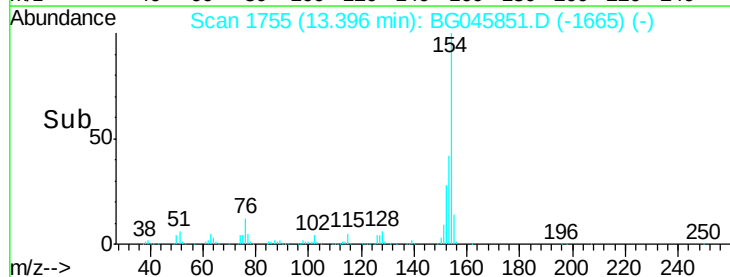
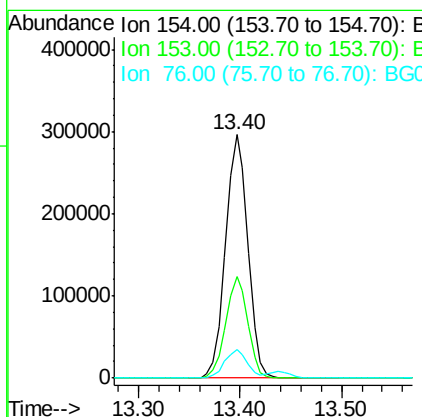
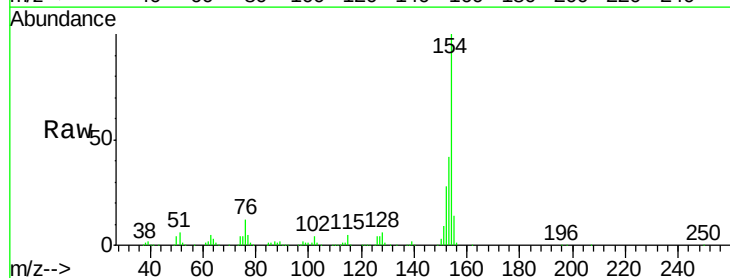
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

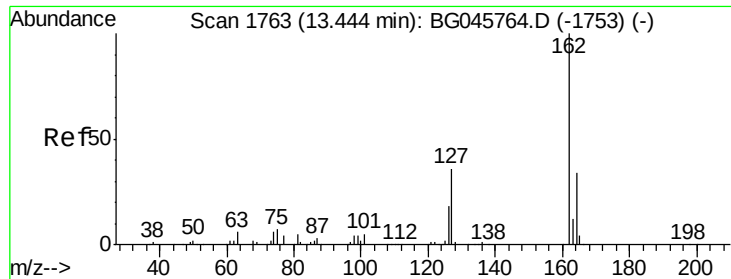
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	25.0	19.3	28.9



#46
1,1'-Biphenyl
Concen: 44.007 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.7	61.7
76	11.6	0.0	32.0

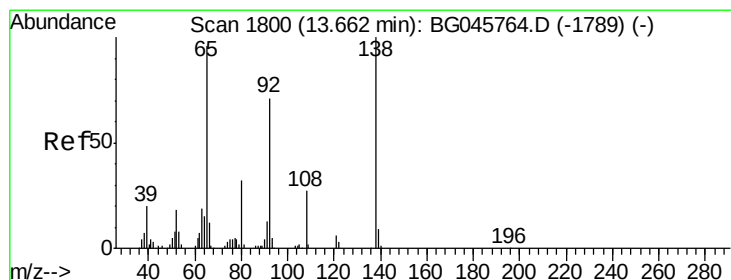
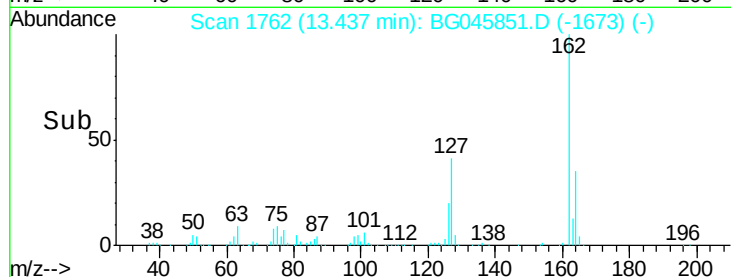
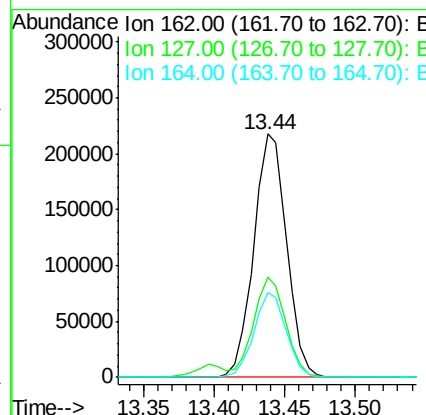
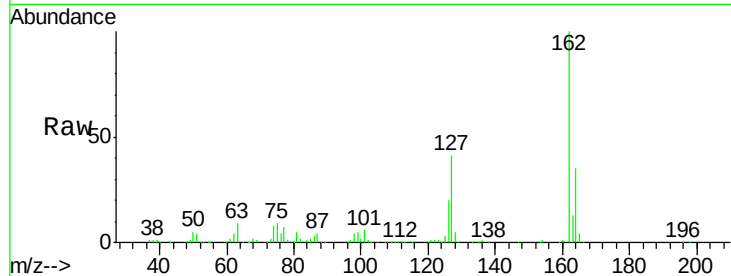




#47
2-Chloronaphthalene
Concen: 43.078 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

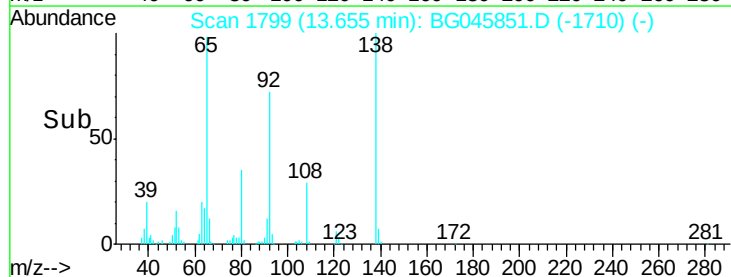
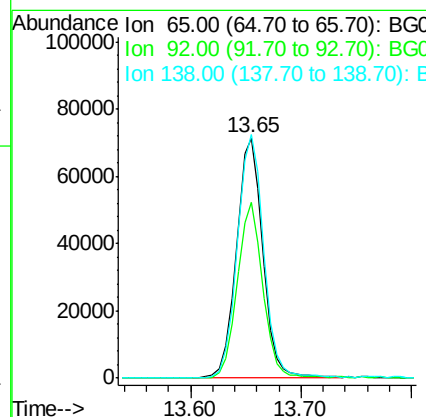
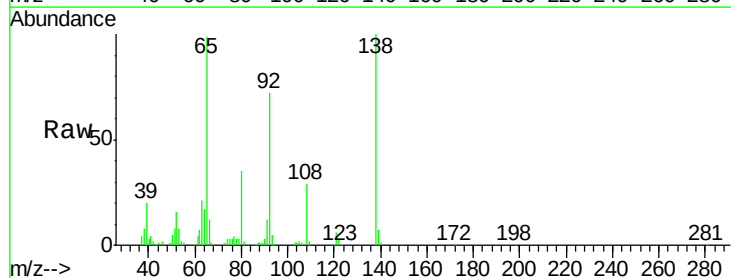
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

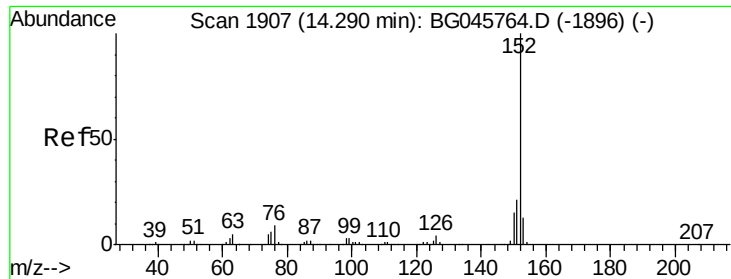
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.5	45.7
164	34.9	27.2	40.8



#48
2-Nitroaniline
Concen: 43.451 ng
RT: 13.65 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	59.0	88.6
138	101.3	83.6	125.4





#49

Acenaphthylene

Concen: 43.632 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

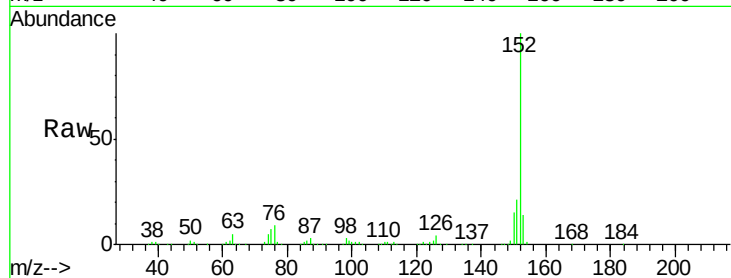
Tot Ion:152 Resp: 578292

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.4

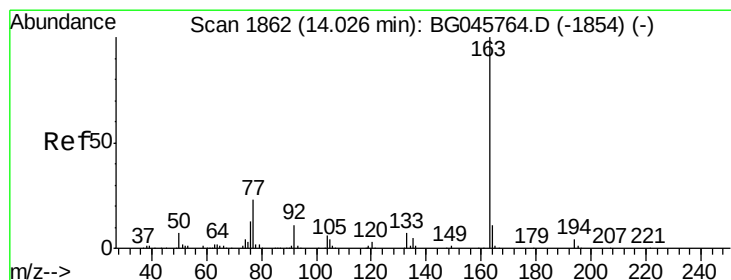
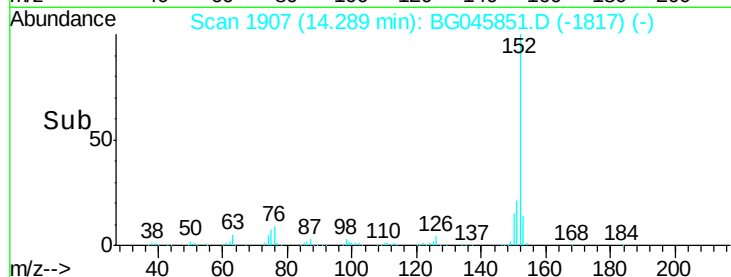
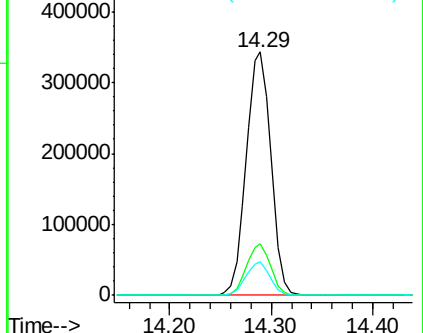
153 13.8 10.6 15.8



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: 48.365 ng

RT: 14.02 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

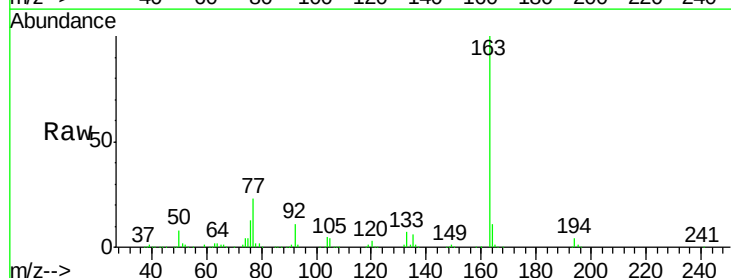
Tgt Ion:163 Resp: 542120

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

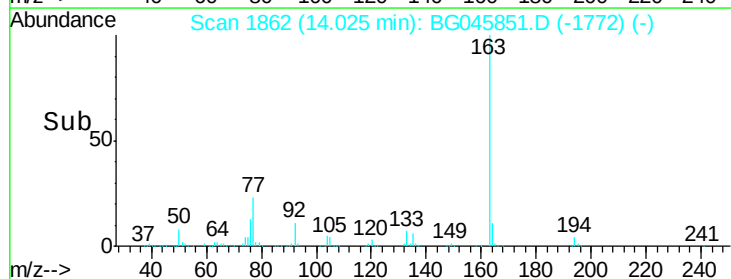
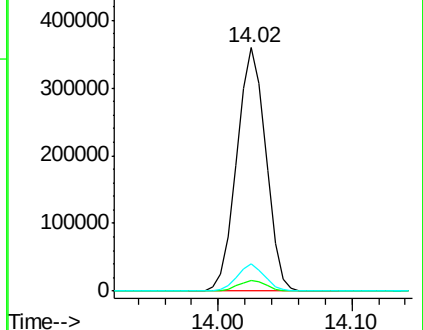
164 11.3 8.9 13.3

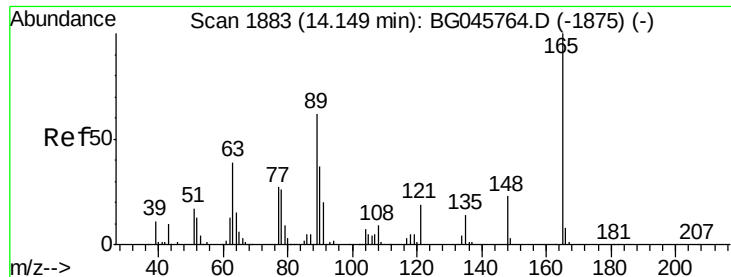


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.938 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

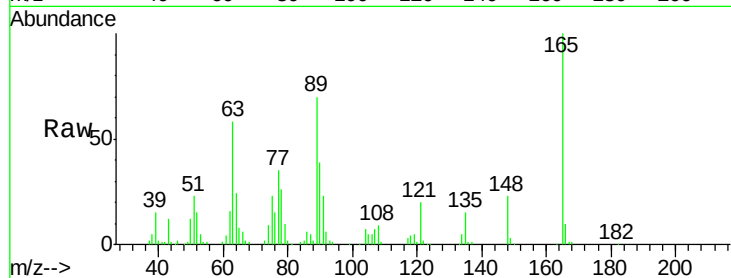
Tot Ion:165 Resp: 108097

Ion Ratio Lower Upper

165 100

63 58.4 41.2 61.8

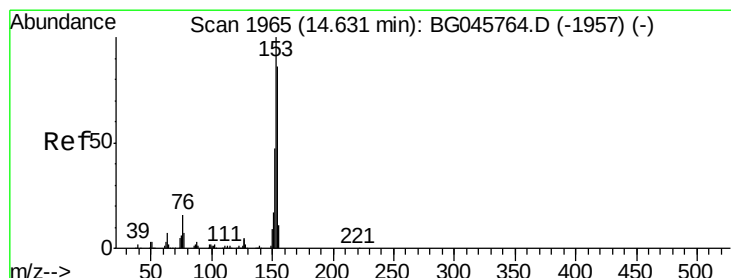
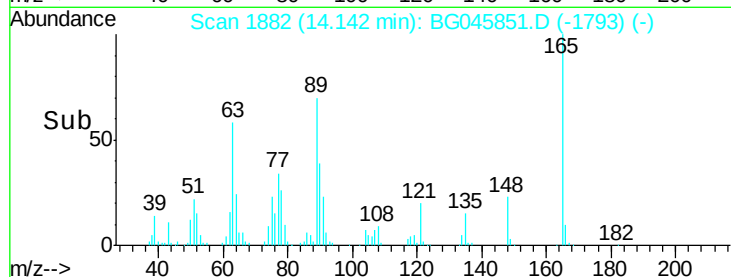
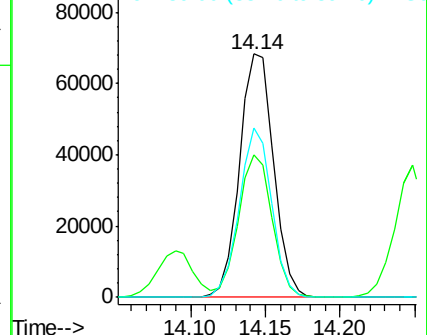
89 69.5 49.7 74.5



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: 43.079 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

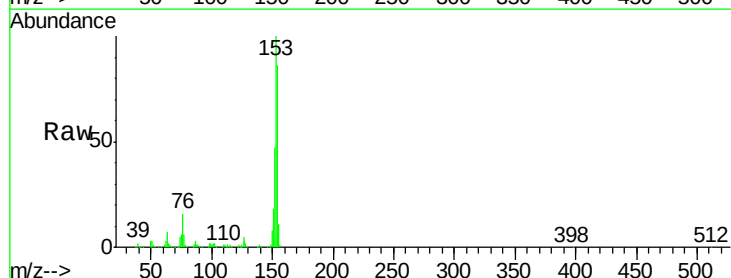
Tgt Ion:154 Resp: 346092

Ion Ratio Lower Upper

154 100

153 116.5 93.0 139.4

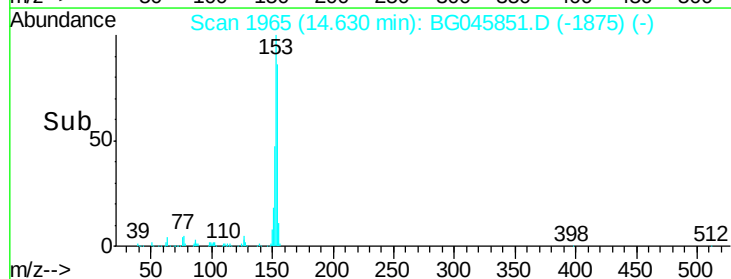
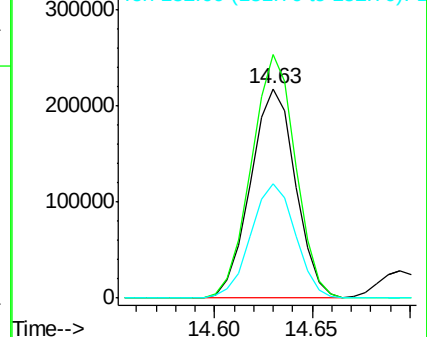
152 54.6 43.7 65.5

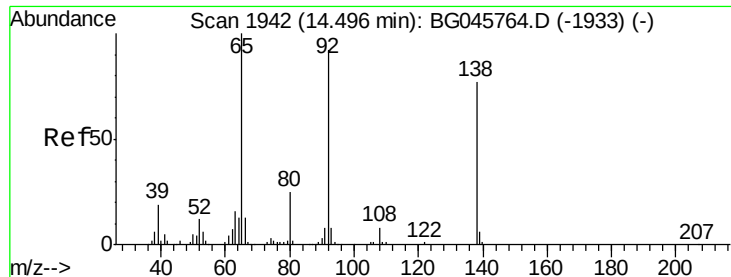


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

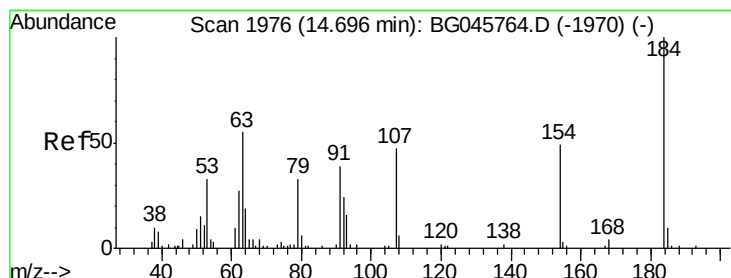
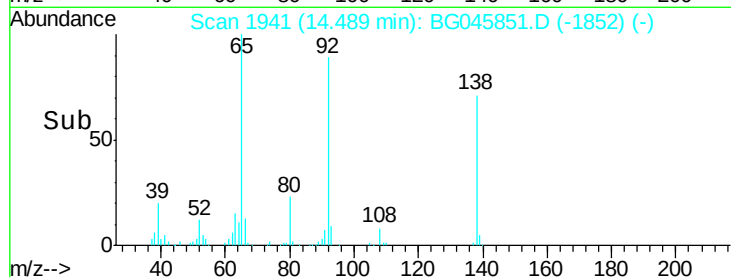
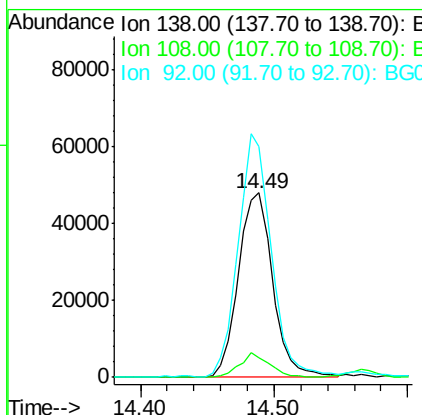
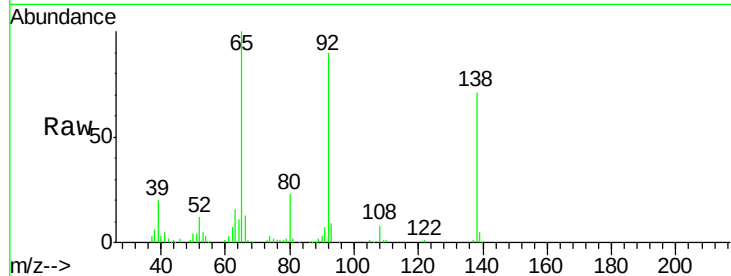




#53
3-Nitroaniline
Concen: 34.035 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

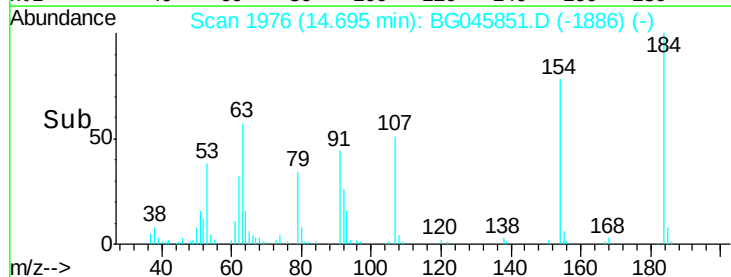
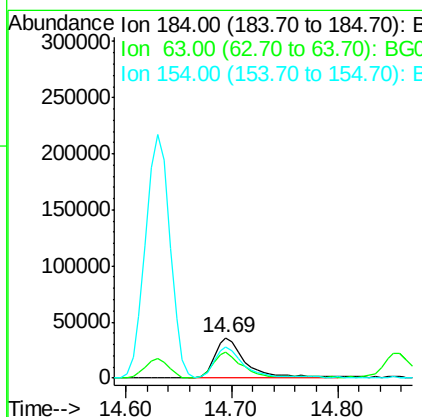
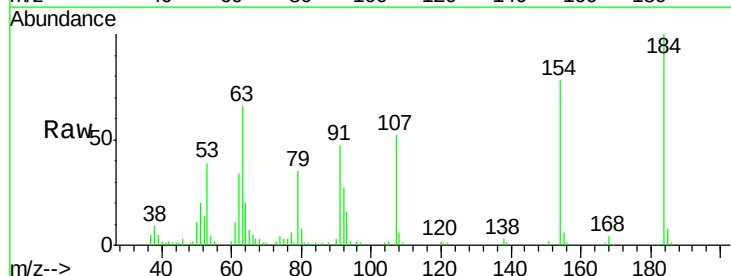
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

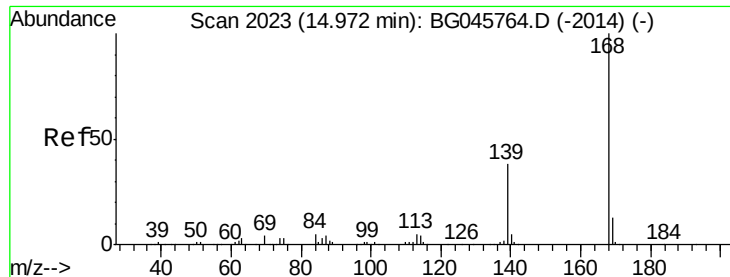
Tot Ion:138 Resp: 85585
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 125.7 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 56.037 ng
RT: 14.69 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:184 Resp: 73768
Ion Ratio Lower Upper
184 100
63 65.7 46.6 70.0
154 78.3 58.6 87.8

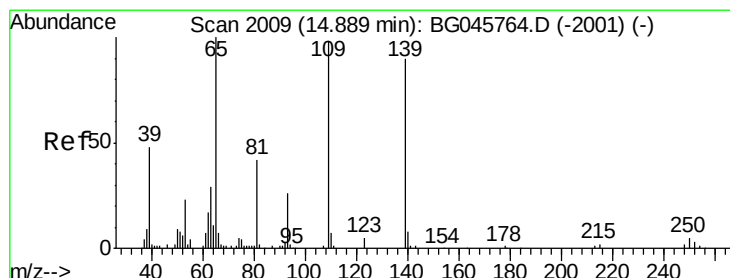
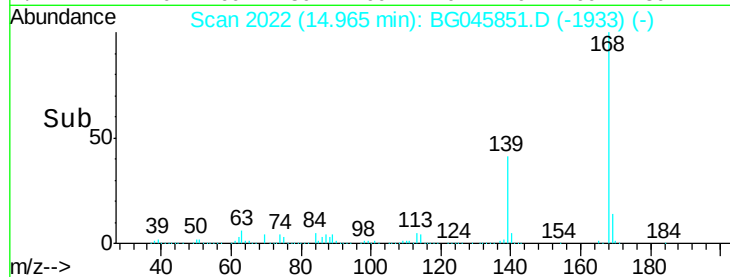
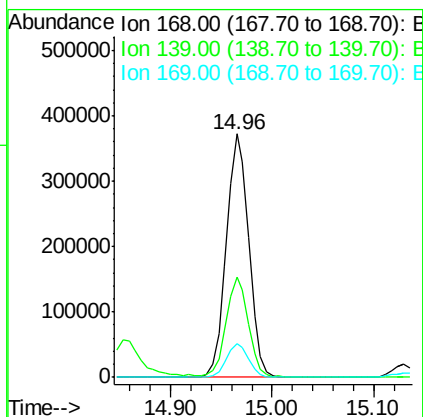
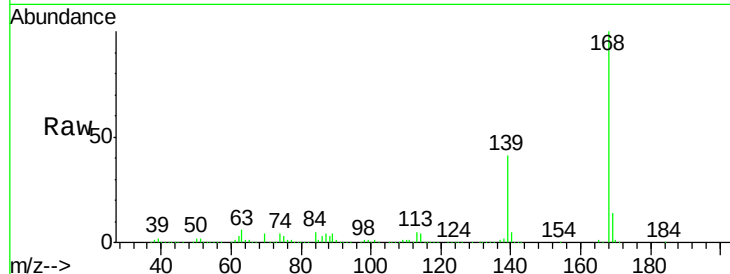




#55
Dibenzofuran
Concen: 43.634 ng
RT: 14.96 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

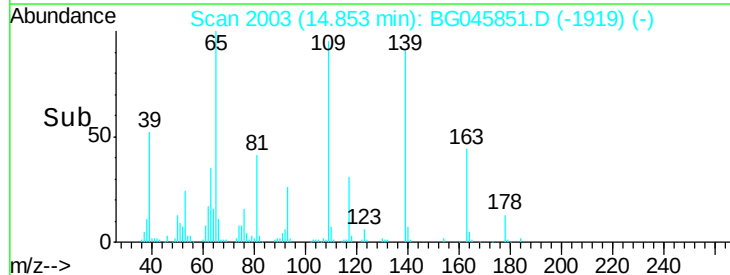
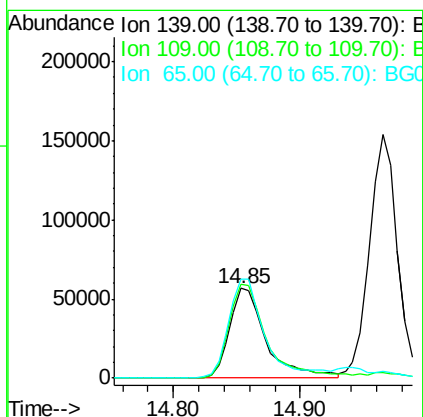
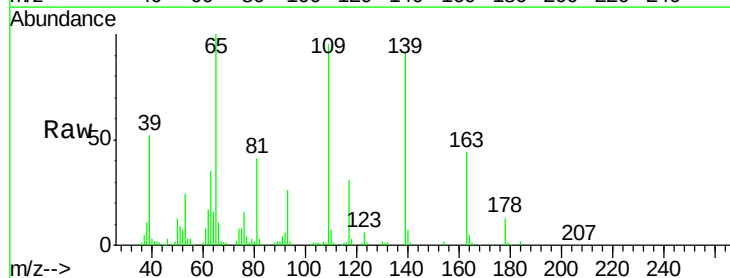
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

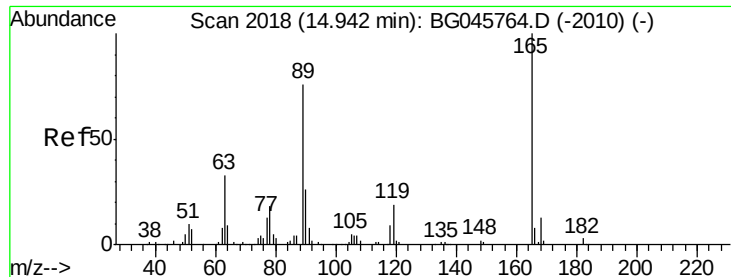
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	31.8	47.6
169	13.7	10.4	15.6



#56
4-Nitrophenol
Concen: 63.481 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.04 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.6	88.9	128.9
65	109.8	92.3	132.3

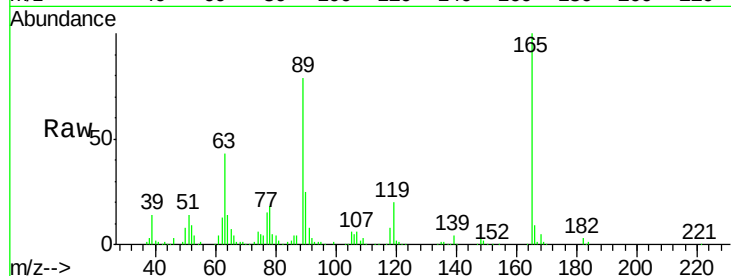




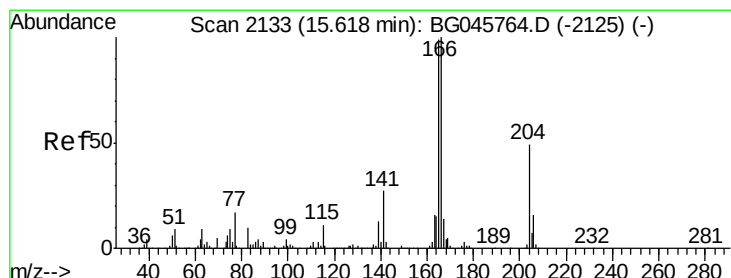
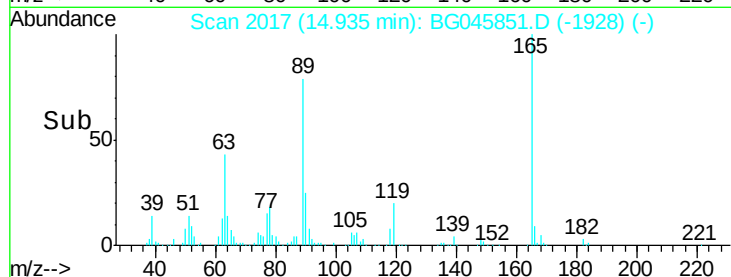
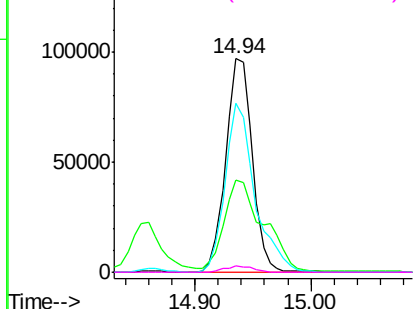
#57
2,4-Dinitrotoluene
Concen: 42.900 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

Tot Ion:165 Resp: 154743
Ion Ratio Lower Upper
165 100
63 43.1 33.8 50.8
89 79.3 60.4 90.6
182 2.9 2.6 3.8

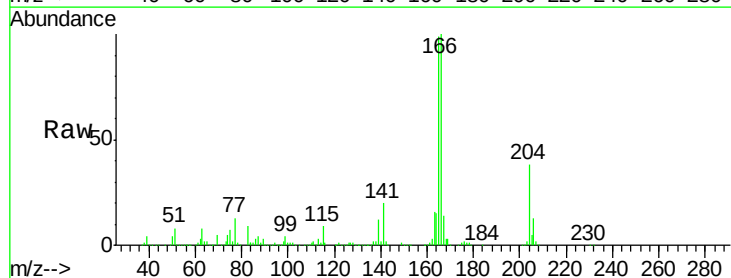


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

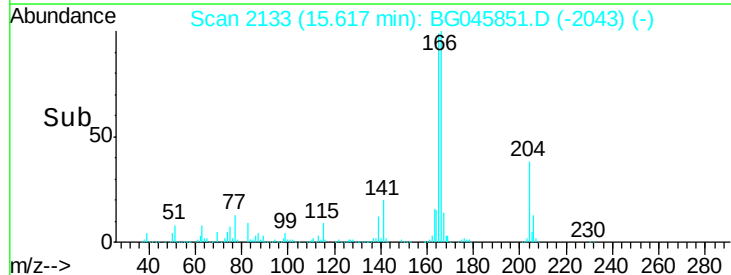
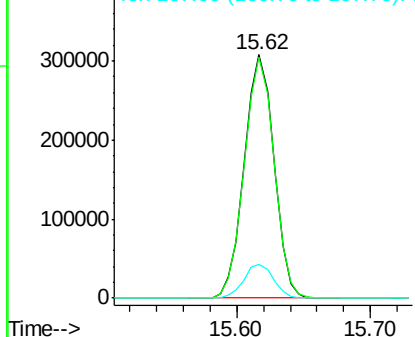


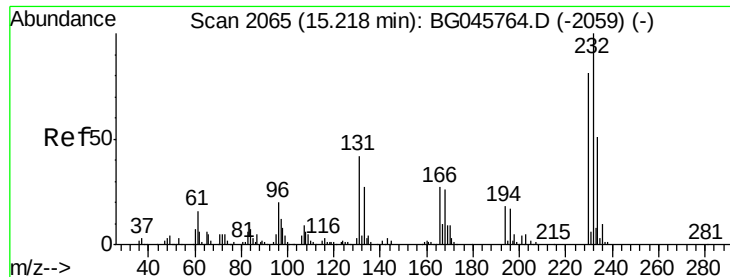
#58
Fluorene
Concen: 43.513 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:166 Resp: 472220
Ion Ratio Lower Upper
166 100
165 98.8 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: 43.811 ng

RT: 15.21 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

Tot Ion:232 Resp: 138431

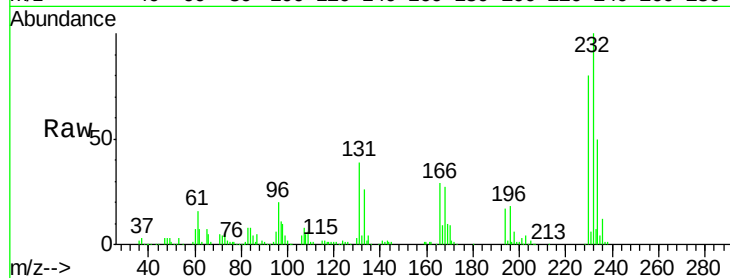
Ion Ratio Lower Upper

232 100

131 40.9 32.2 48.2

130 2.6 2.2 3.4

166 28.6 21.3 31.9

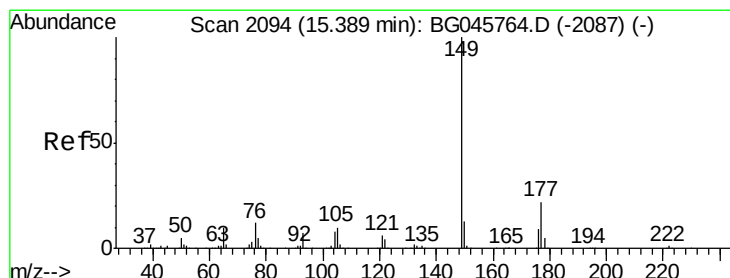
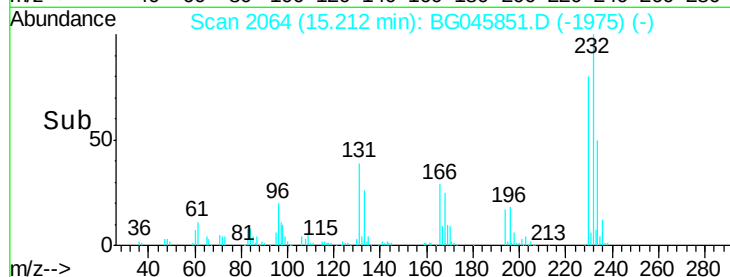
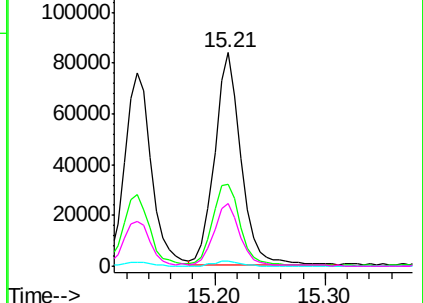


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.594 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

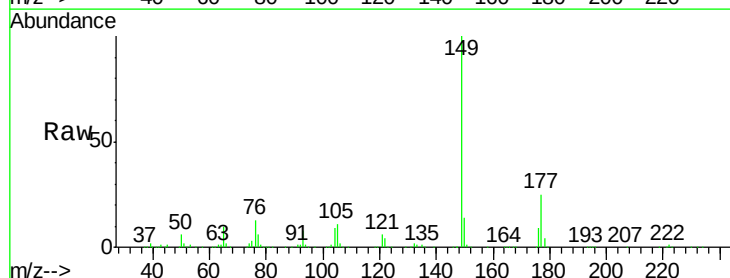
Tgt Ion:149 Resp: 488059

Ion Ratio Lower Upper

149 100

177 24.7 17.2 25.8

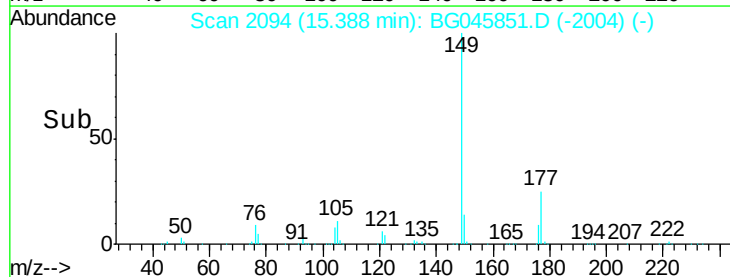
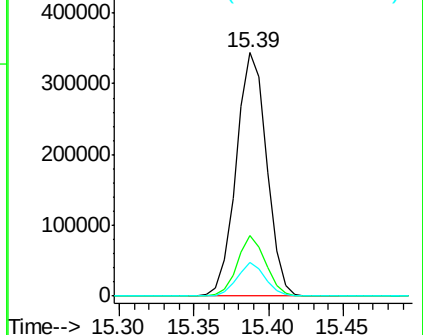
150 13.9 10.7 16.1

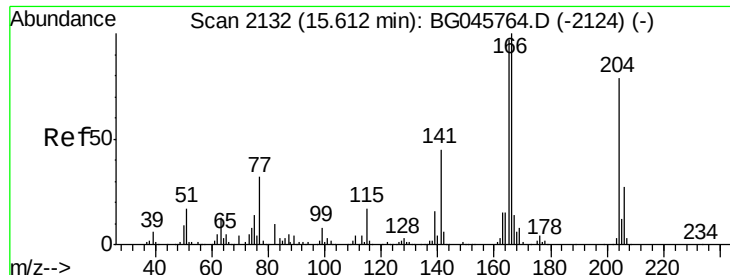


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

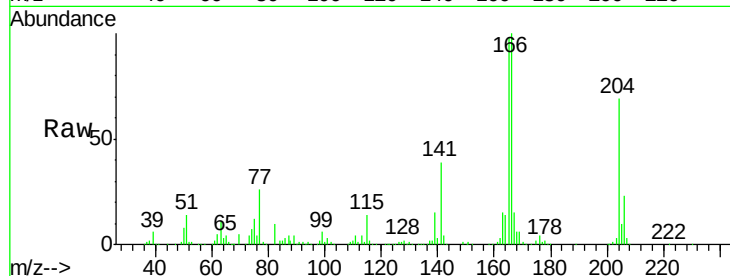




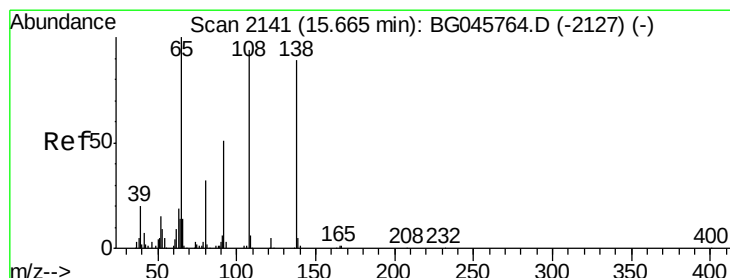
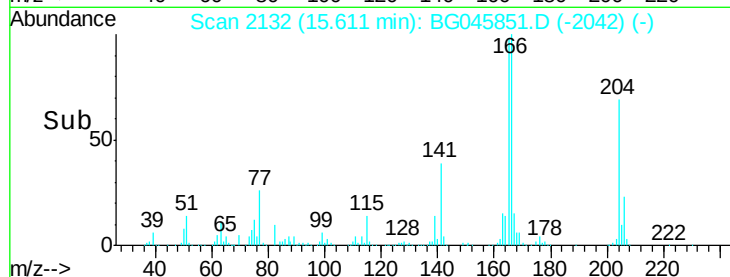
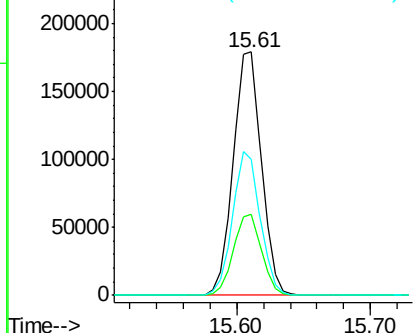
#61
4-Chlorophenyl-phenylether
Concen: 42.098 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.2	40.8
141	56.0	45.9	68.9

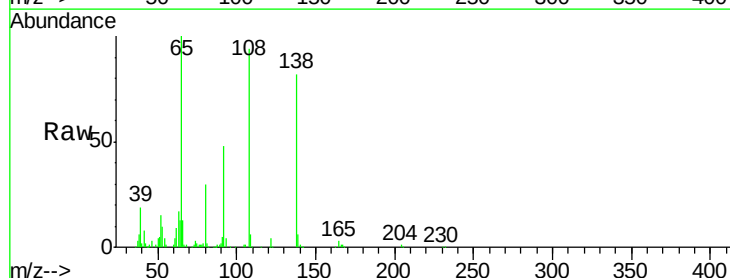


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

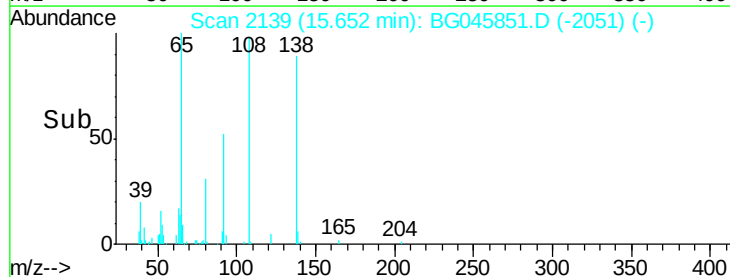
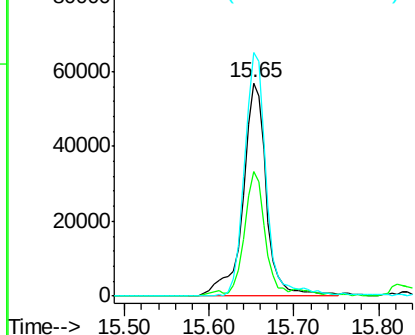


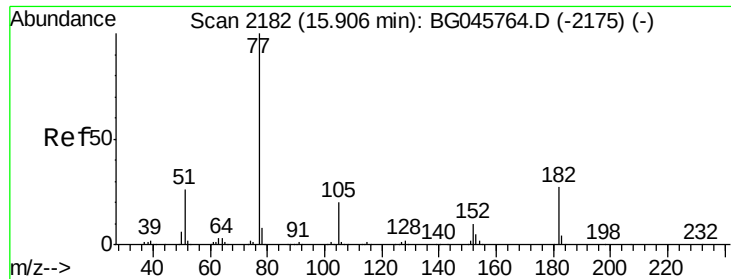
#62
4-Nitroaniline
Concen: 42.381 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	37.3	77.3
108	114.1	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

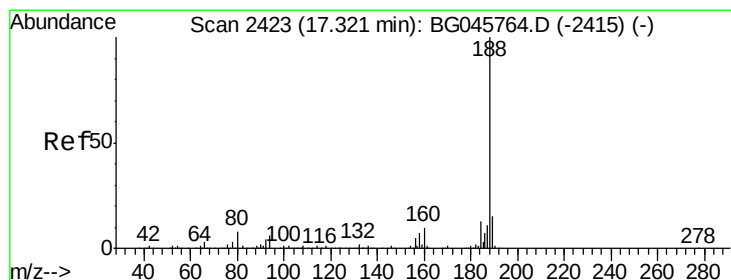
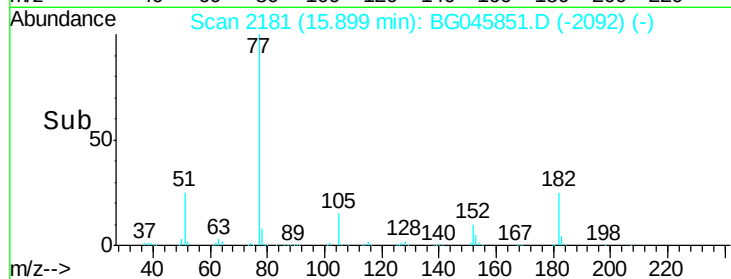
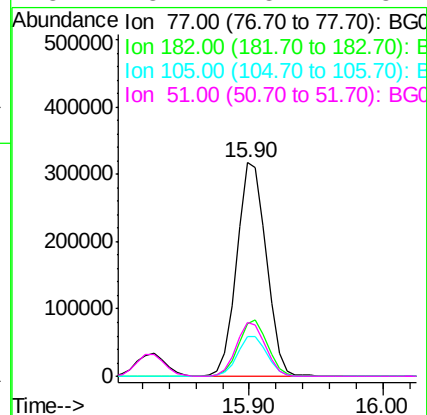
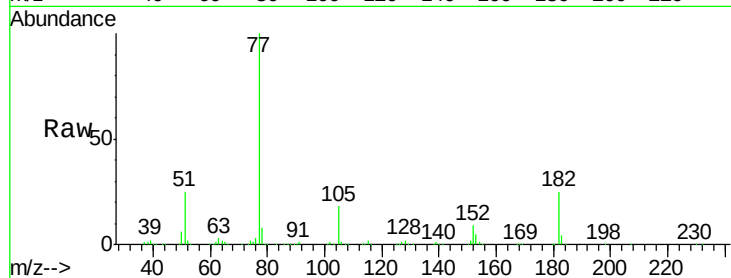




#63
Azobenzene
Concen: 44.072 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

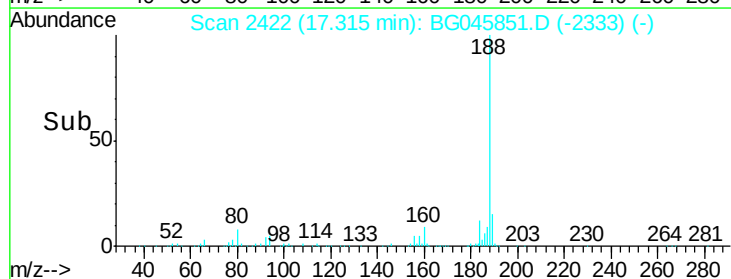
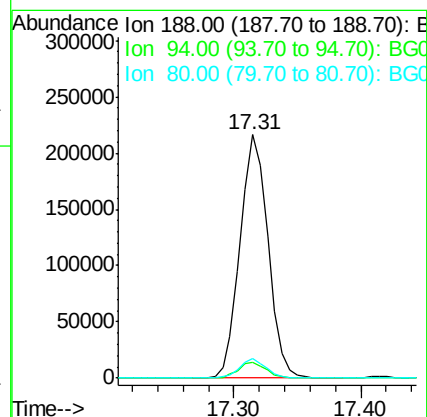
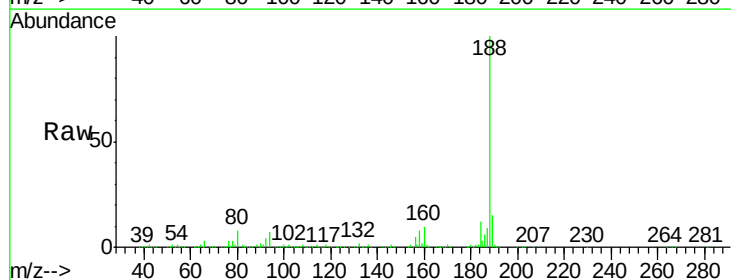
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

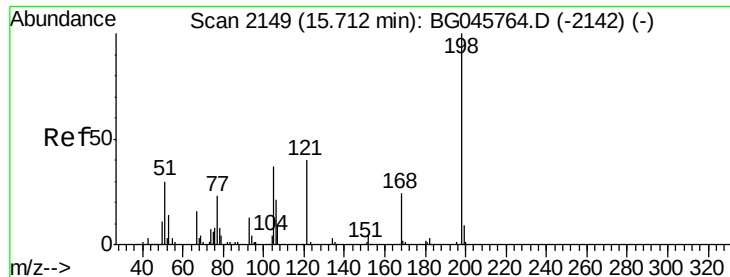
Tot Ion:	77	Resp:	484895
Ion	Ratio	Lower	Upper
77	100		
182	24.7	7.4	47.4
105	18.4	0.1	40.1
51	25.2	5.7	45.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:	188	Resp:	329900
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	7.9	6.2	9.4

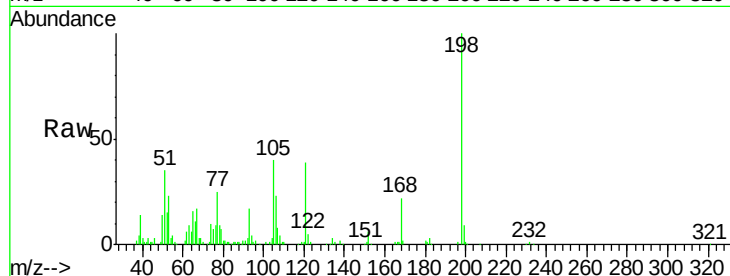




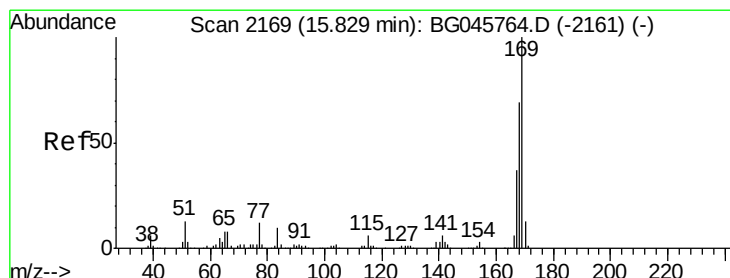
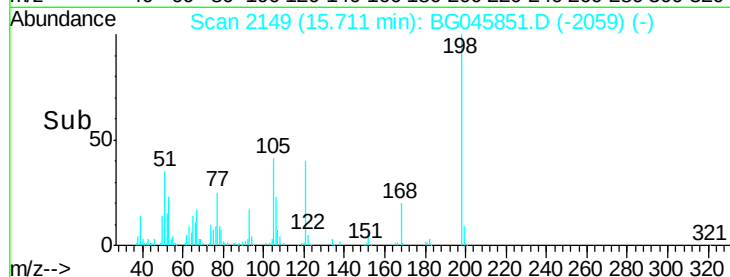
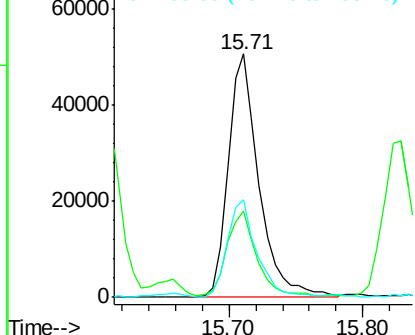
#65
4,6-Dinitro-2-methylphenol
Concen: 39.758 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

Tot Ion:198 Resp: 81057
Ion Ratio Lower Upper
198 100
51 35.3 14.6 54.6
105 40.3 18.4 58.4

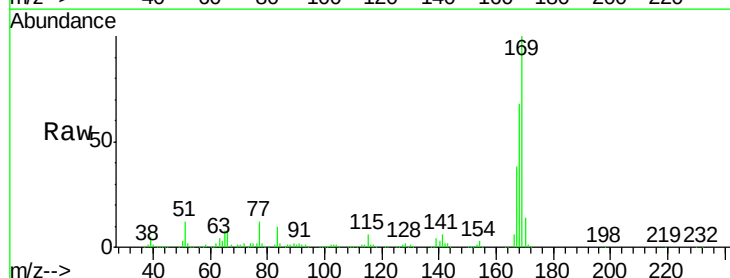


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

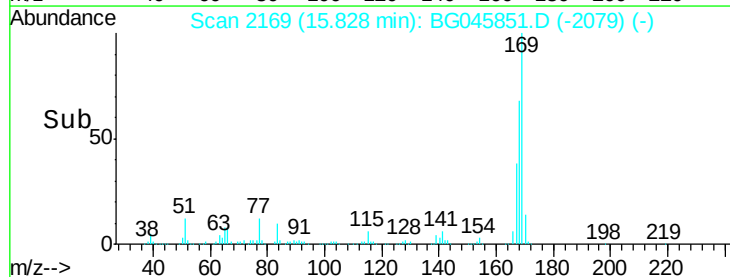
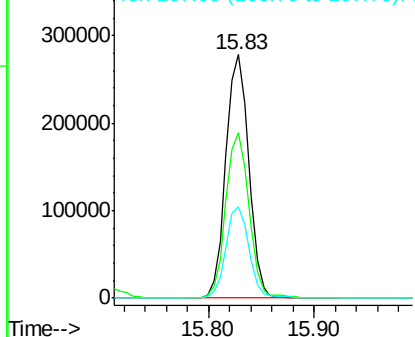


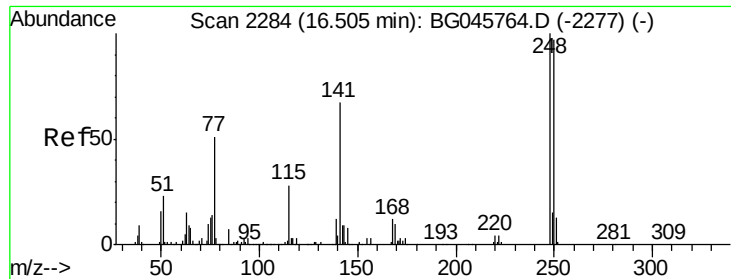
#66
n-Nitrosodiphenylamine
Concen: 44.592 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:169 Resp: 416669
Ion Ratio Lower Upper
169 100
168 68.0 55.2 82.8
167 37.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

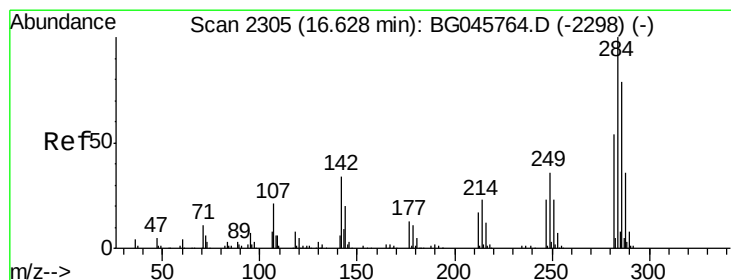
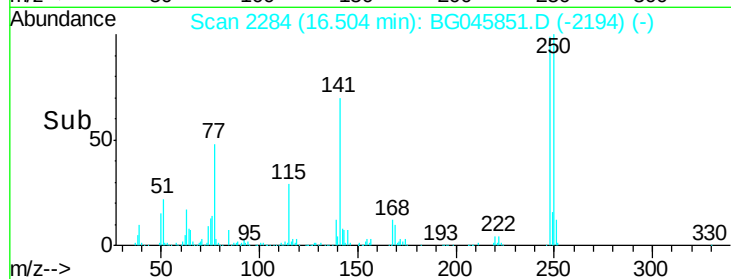
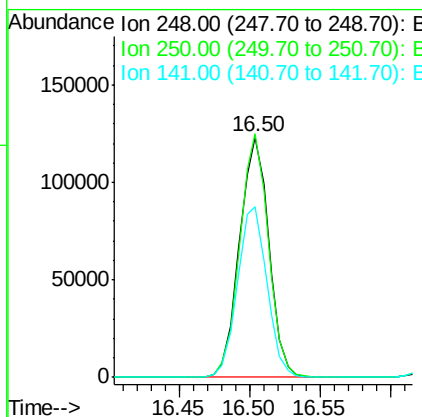
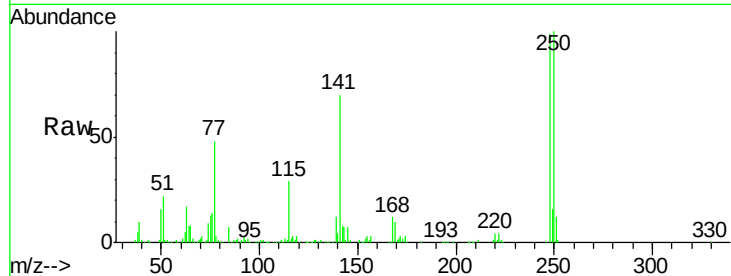




#67
4-Bromophenyl-phenylether
Concen: 41.833 ng
RT: 16.50 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

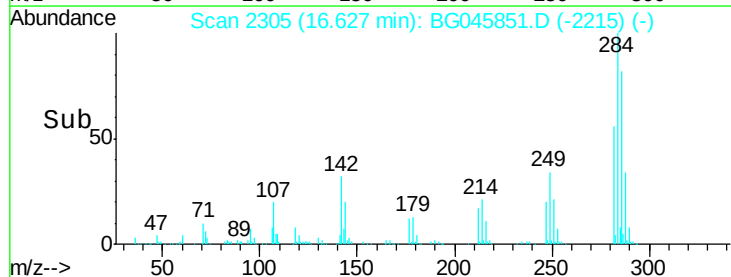
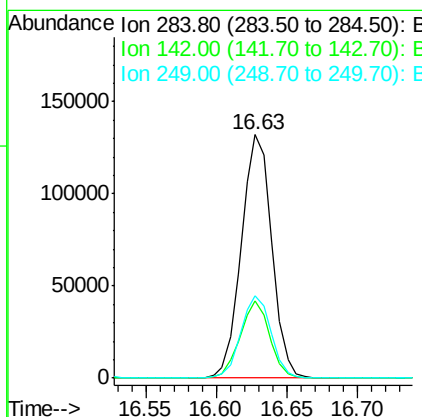
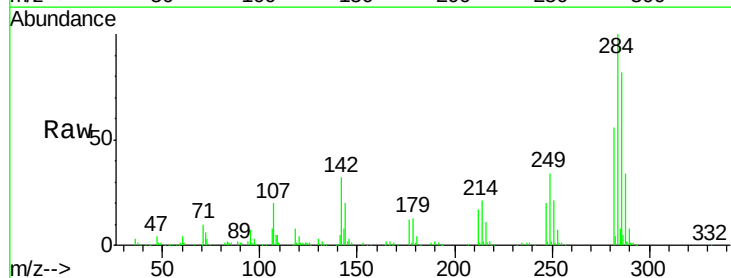
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

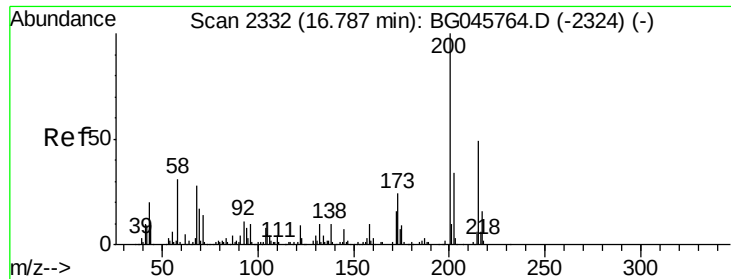
Tot Ion:248 Resp: 179323
Ion Ratio Lower Upper
248 100
250 101.3 78.0 117.0
141 70.8 53.9 80.9



#68
Hexachlorobenzene
Concen: 44.769 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:284 Resp: 198998
Ion Ratio Lower Upper
284 100
142 31.7 26.9 40.3
249 33.7 28.6 42.8

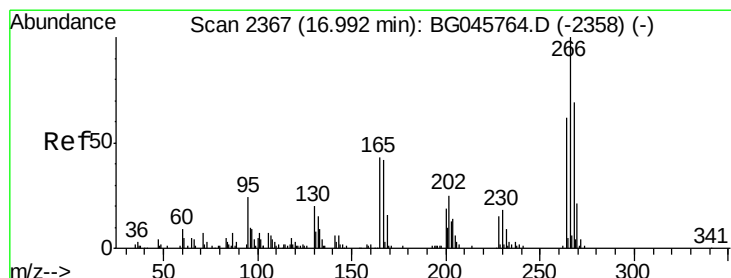
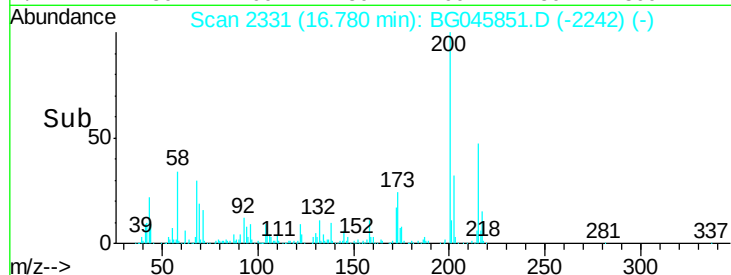
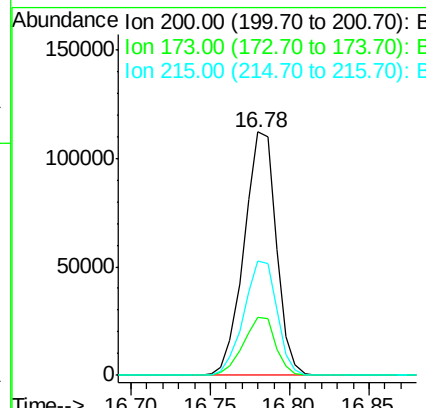
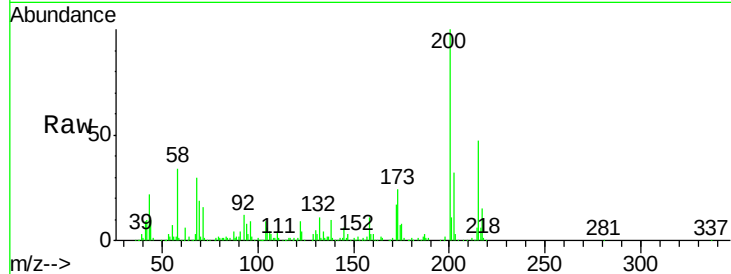




#69
 Atrazine
 Concen: 43.511 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

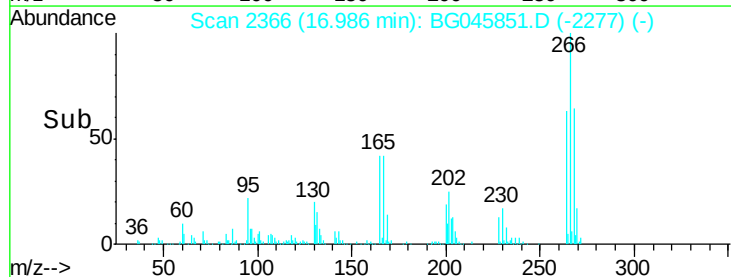
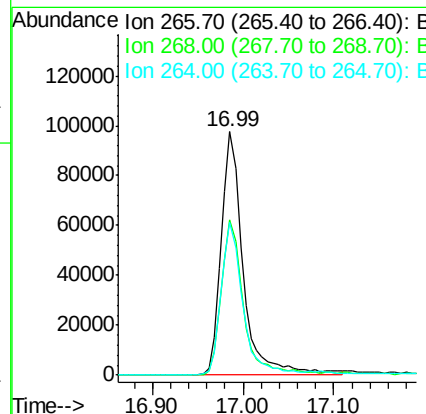
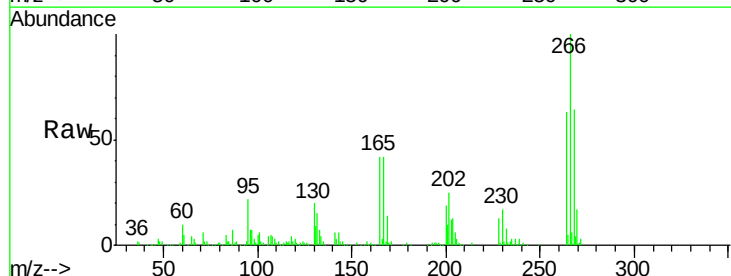
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMS

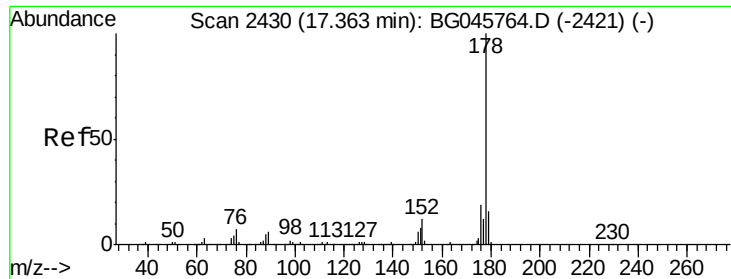
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	3.9	43.9
215	47.1	28.8	68.8



#70
 Pentachlorophenol
 Concen: 75.457 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	55.4	83.0
264	62.6	49.8	74.6

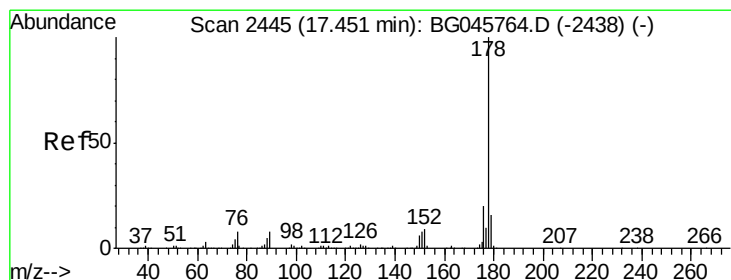
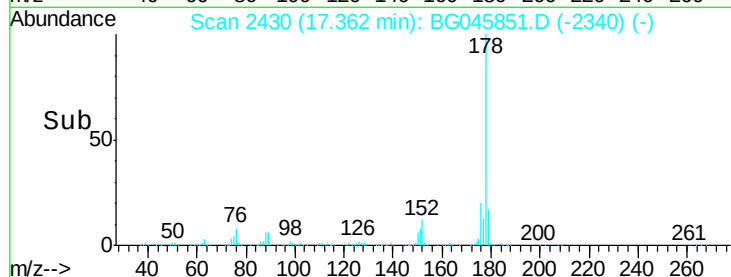
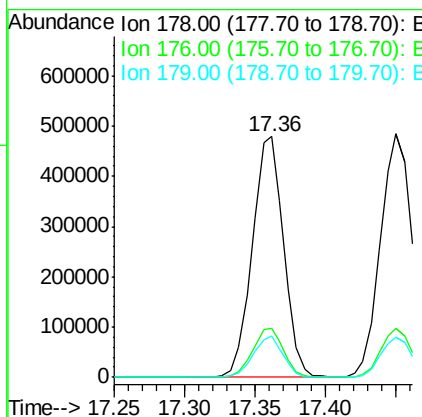
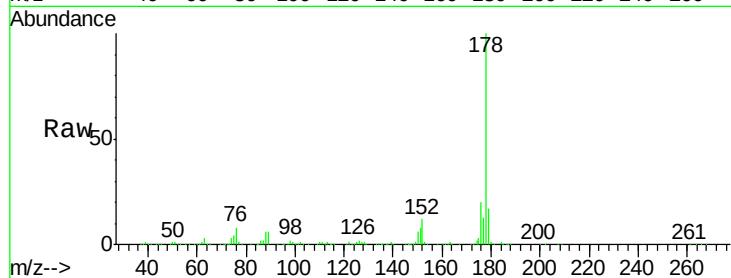




#71
Phenanthrene
Concen: 43.733 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

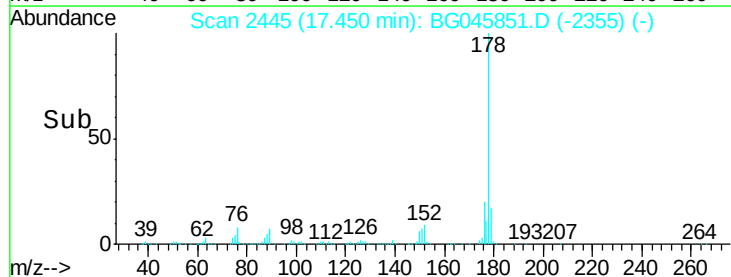
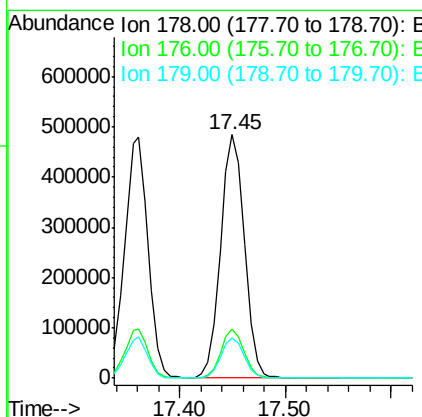
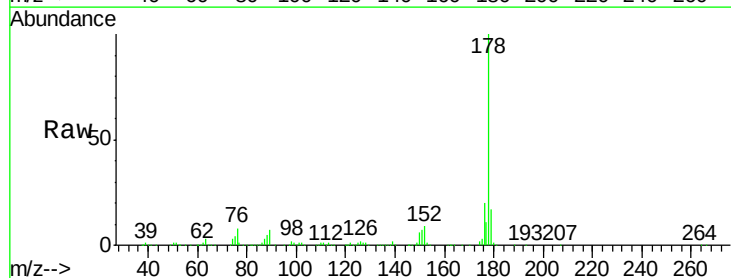
Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

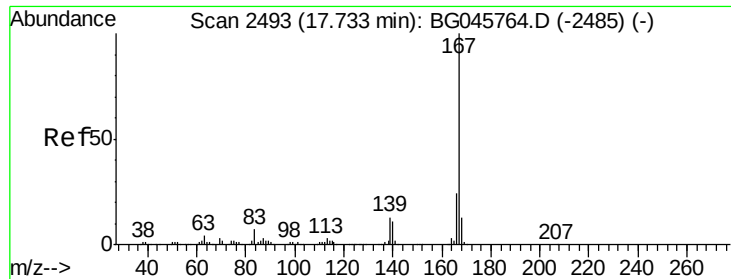
Tot Ion:178 Resp: 744079
Ion Ratio Lower Upper
178 100
176 20.5 15.5 23.3
179 17.0 13.2 19.8



#72
Anthracene
Concen: 44.731 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:178 Resp: 757876
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.7 13.1 19.7

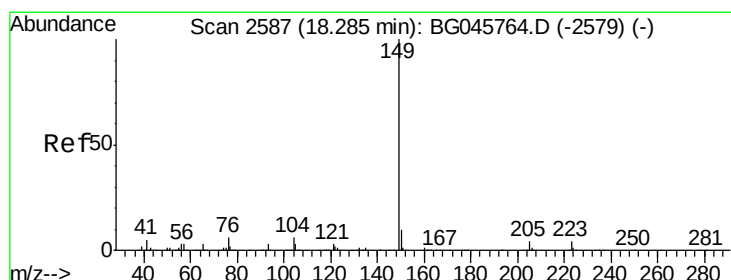
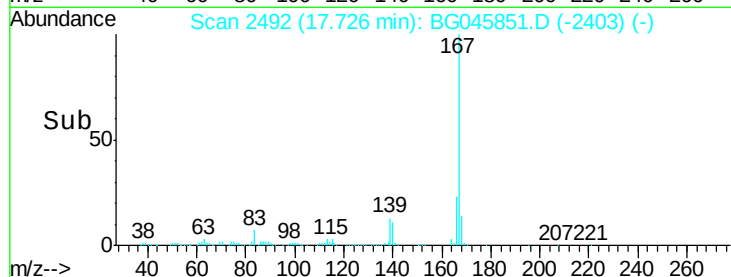
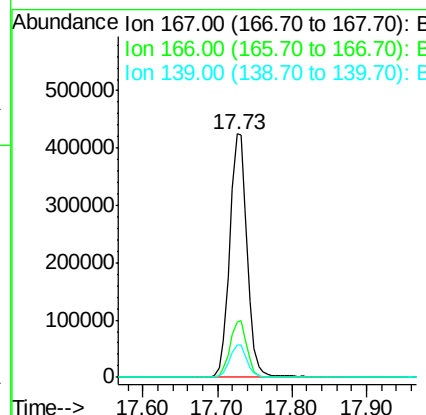
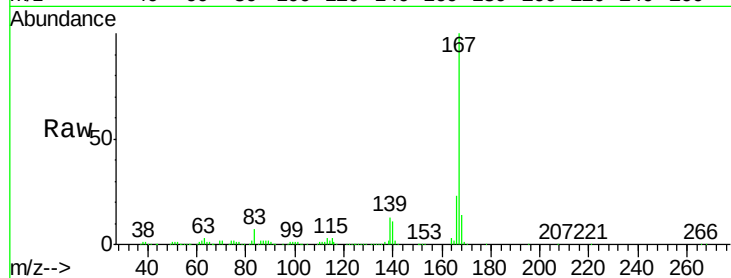




#73
 Carbazole
 Concen: 43.235 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

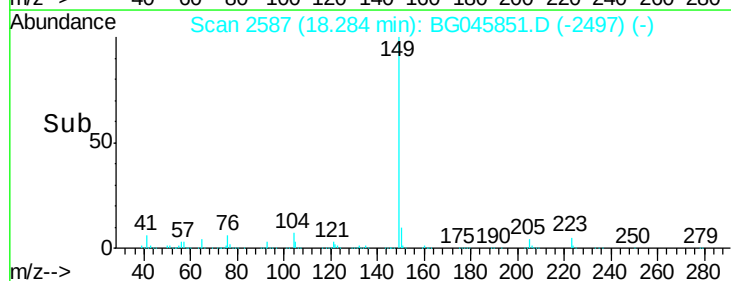
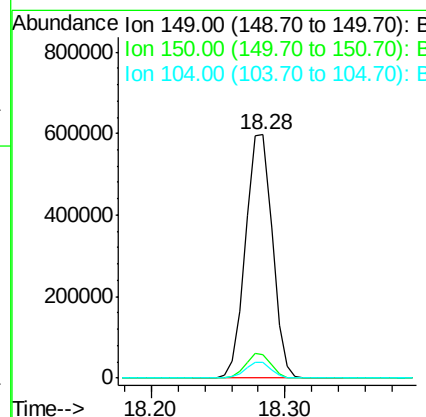
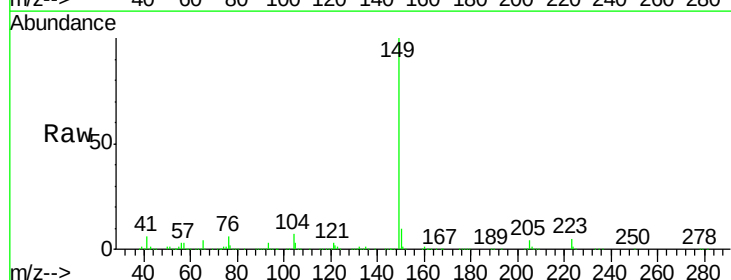
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMS

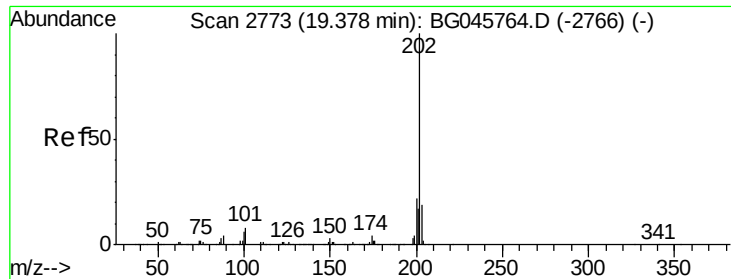
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.9	28.3
139	13.4	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 43.273 ng
 RT: 18.28 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG045851.D
 Acq: 24 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 44.168 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

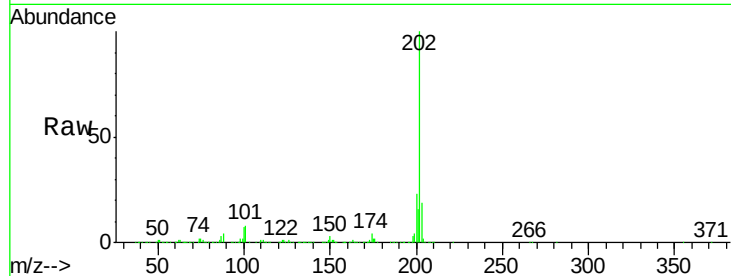
Tot Ion:202 Resp: 924078

Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.7

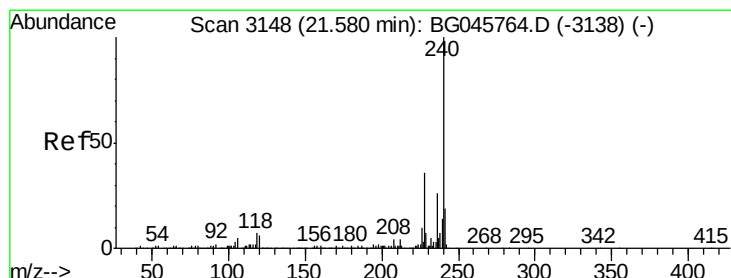
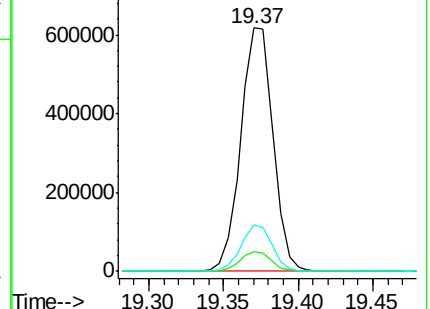
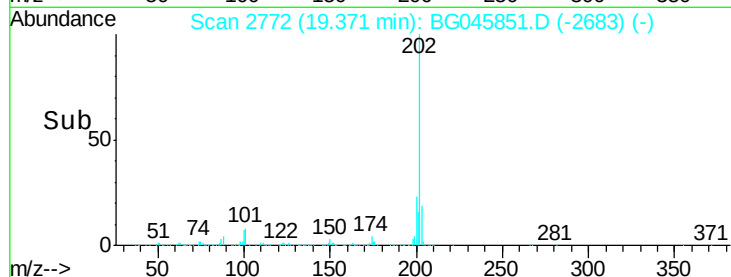
203 19.1 0.0 38.7



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: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

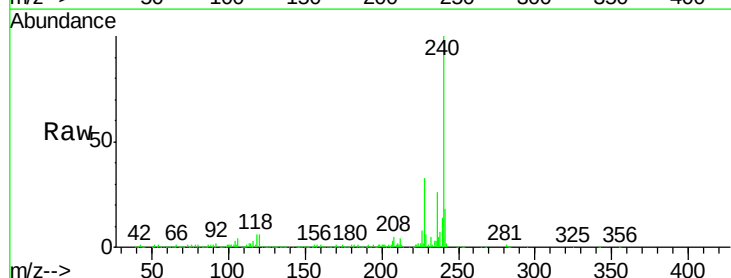
Tgt Ion:240 Resp: 312934

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

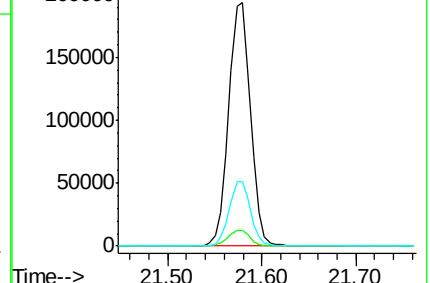
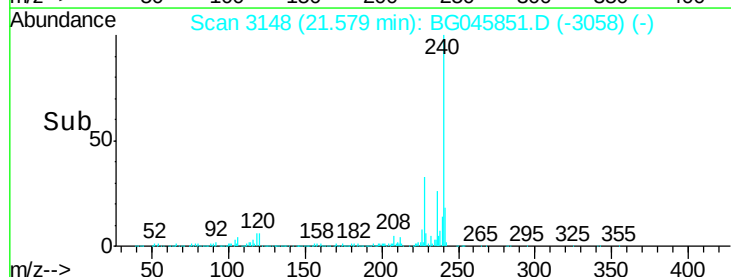
236 26.4 20.6 30.8

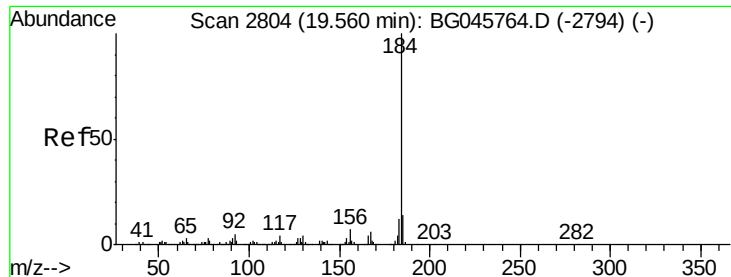


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.989 ng

RT: 19.55 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

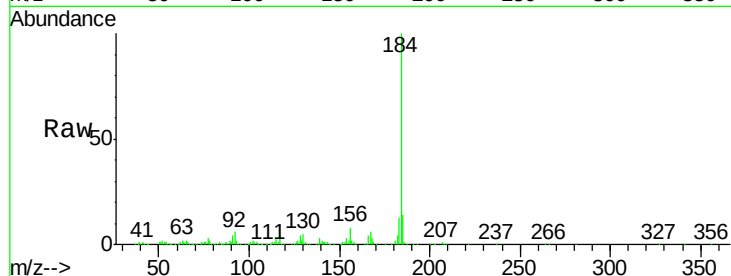
Tot Ion:184 Resp: 471761

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

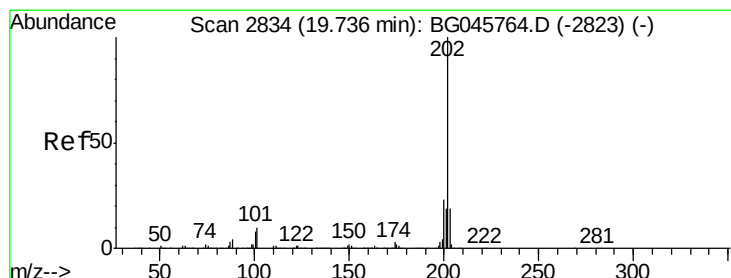
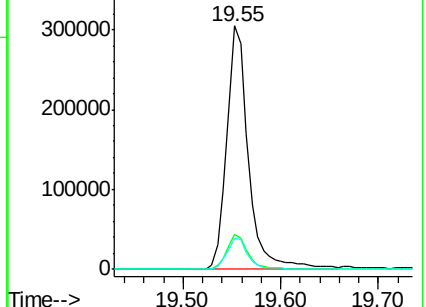
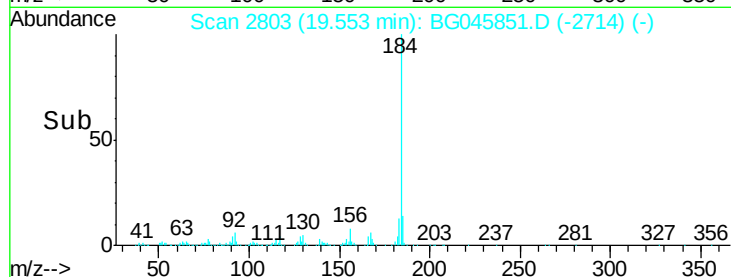
183 12.9 9.7 14.5



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: 43.426 ng

RT: 19.73 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

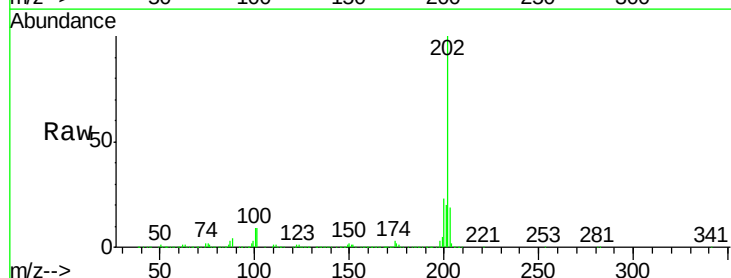
Tgt Ion:202 Resp: 909997

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

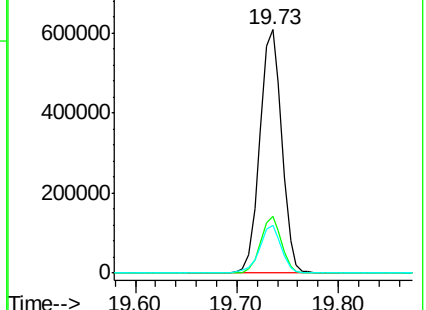
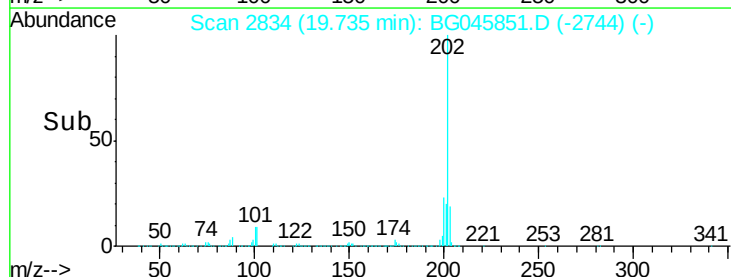
203 19.4 14.8 22.2

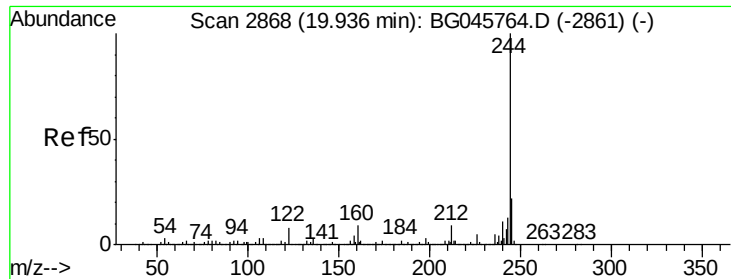


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.580 ng

RT: 19.93 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

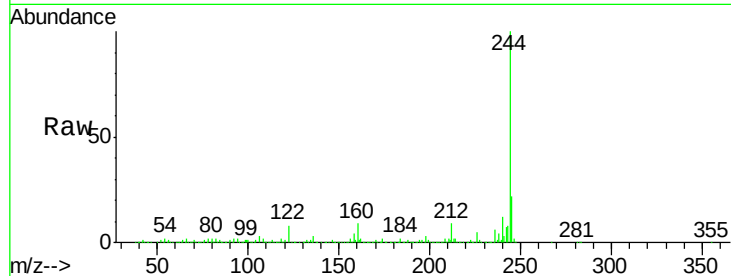
Tot Ion:244 Resp: 1383235

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

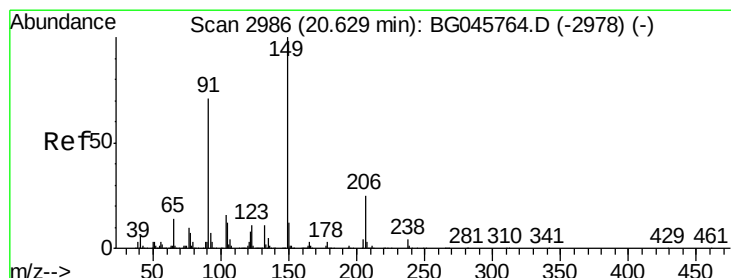
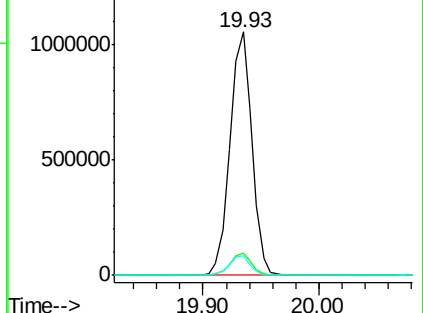
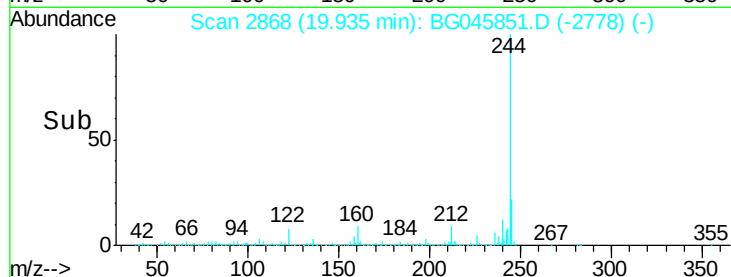
122 7.9 6.4 9.6



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: 42.251 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

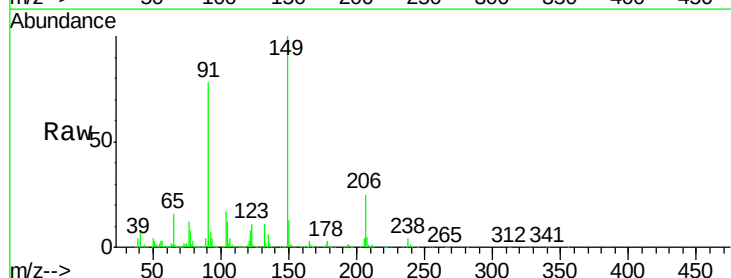
Tgt Ion:149 Resp: 370599

Ion Ratio Lower Upper

149 100

91 78.3 56.4 84.6

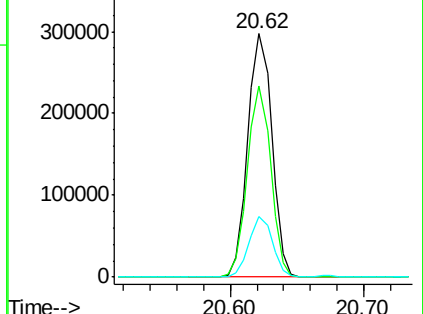
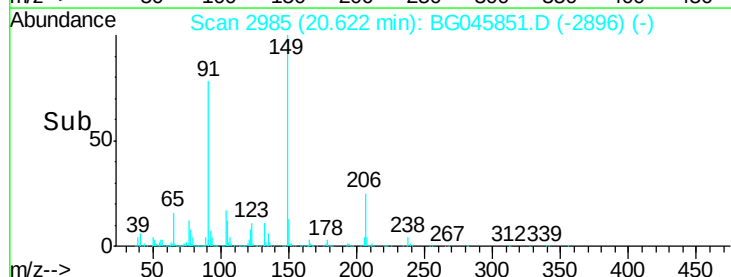
206 24.9 19.8 29.6

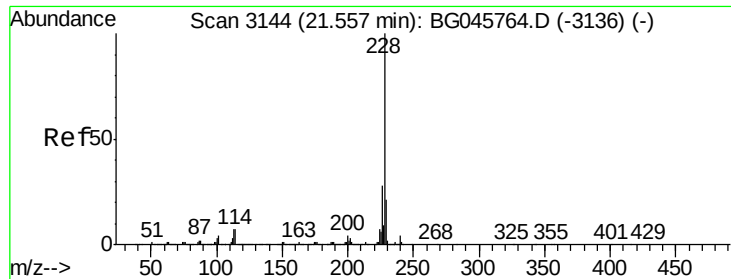


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.341 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

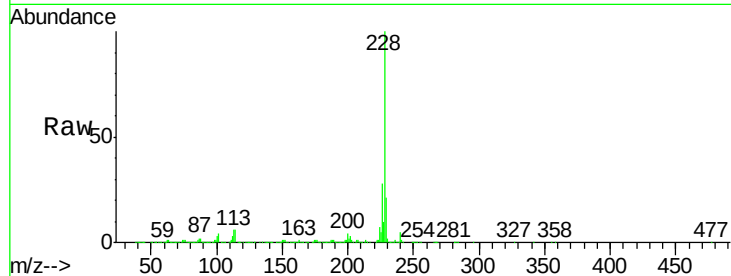
Tot Ion:228 Resp: 899627

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

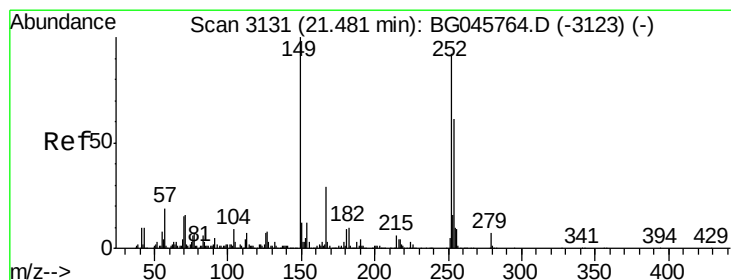
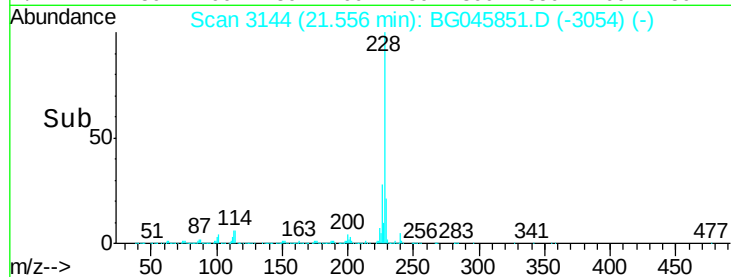
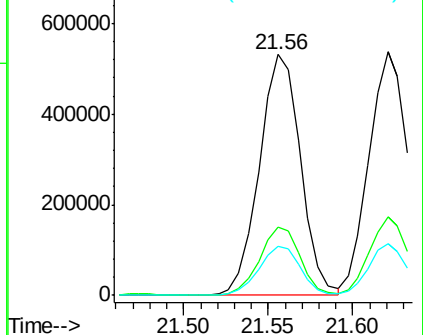
229 20.6 16.6 24.8



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: 36.089 ng

RT: 21.47 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

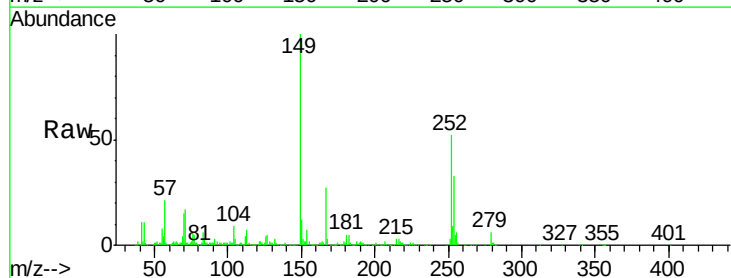
Tgt Ion:252 Resp: 276960

Ion Ratio Lower Upper

252 100

254 63.6 53.4 80.0

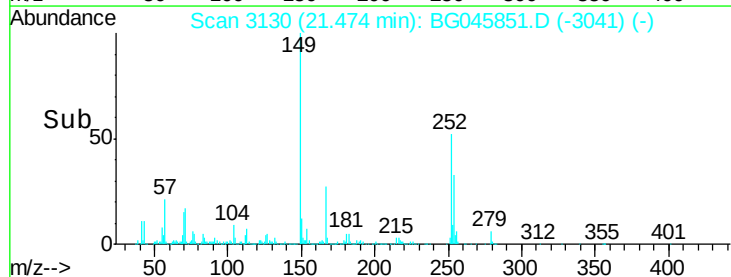
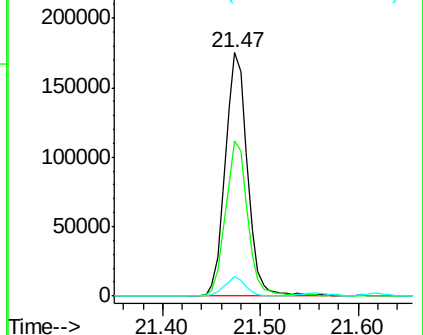
126 8.0 5.8 8.8

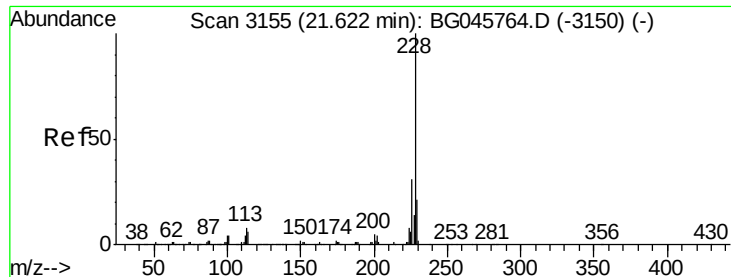


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.358 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

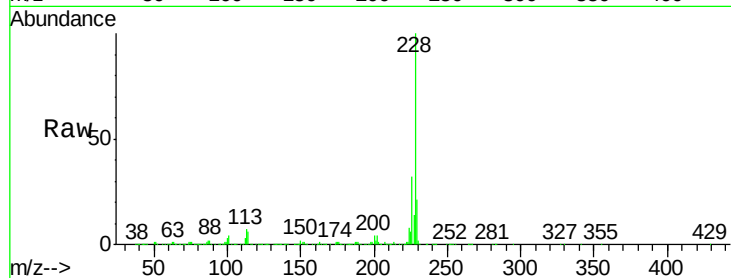
Tot Ion:228 Resp: 870469

Ion Ratio Lower Upper

228 100

226 32.3 25.1 37.7

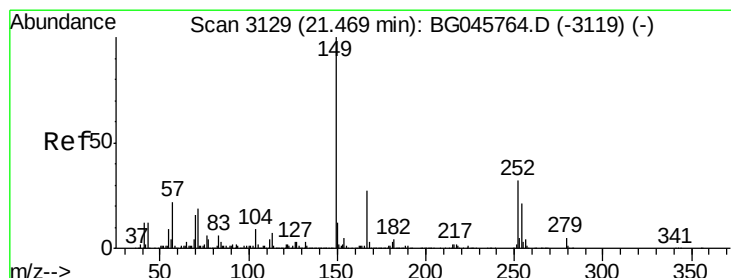
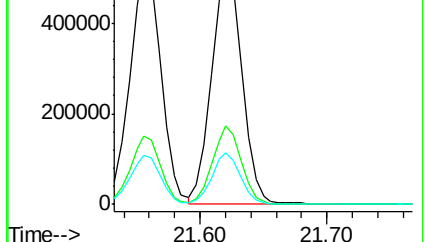
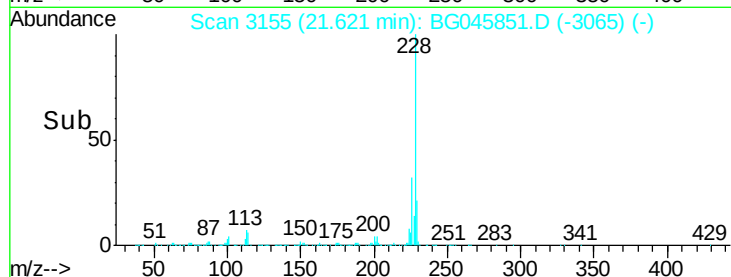
229 21.1 16.4 24.6



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: 43.981 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

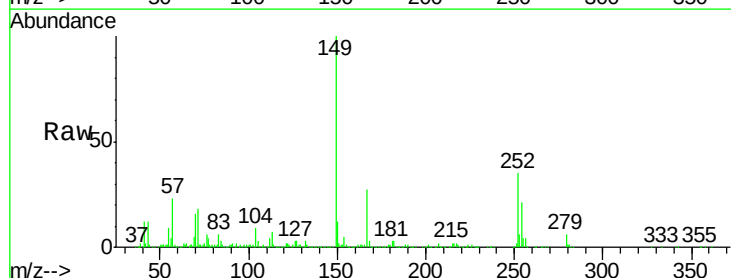
Tgt Ion:149 Resp: 536589

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

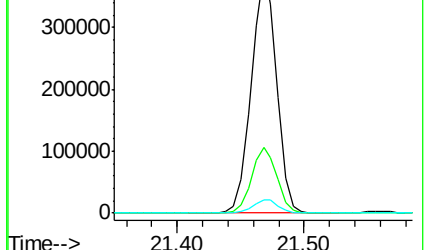
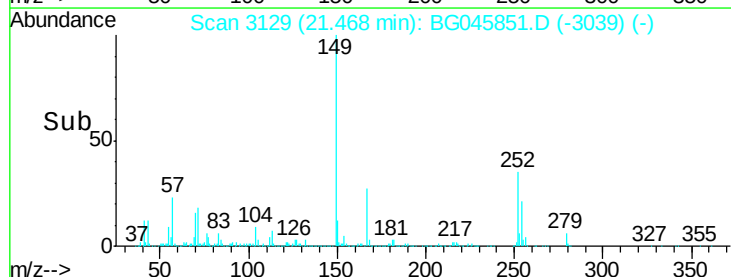
279 5.5 3.7 5.5

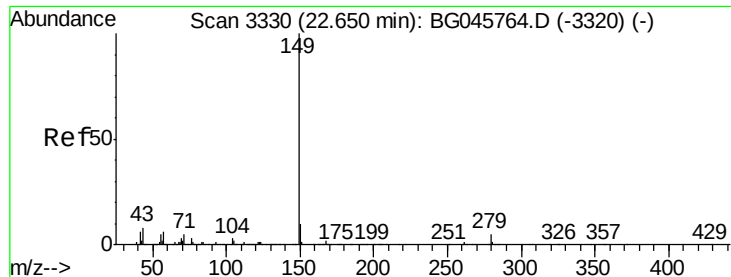


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.962 ng

RT: 22.64 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

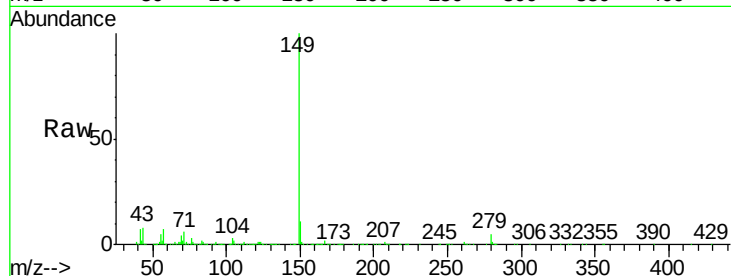
Tot Ion:149 Resp: 904132

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

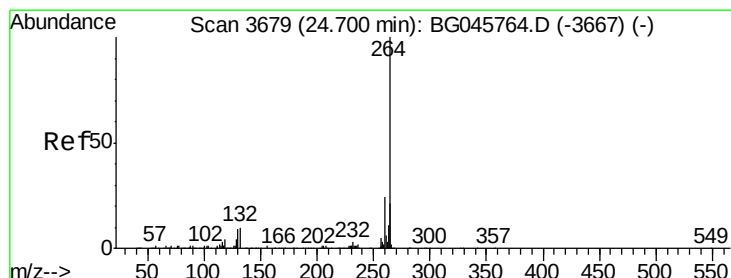
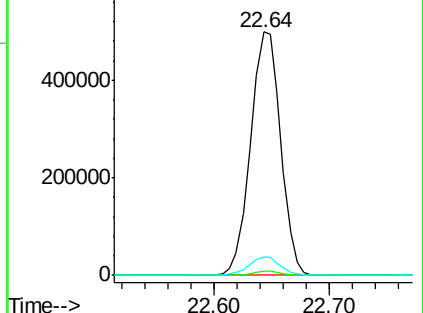
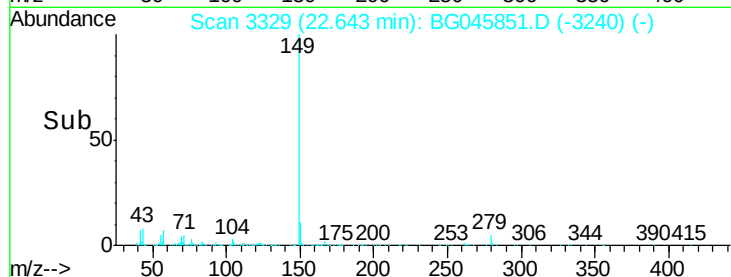
43 7.4 5.9 8.9



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: BG045851.D

Acq: 24 Jun 2020 19:15

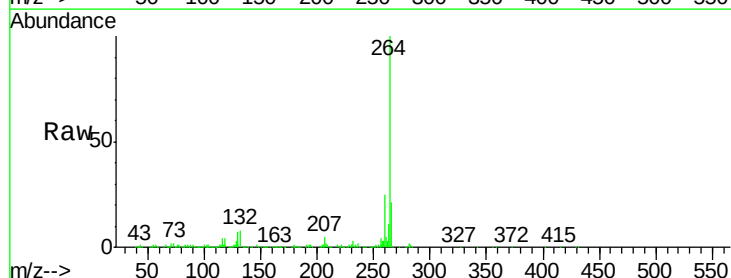
Tgt Ion:264 Resp: 343290

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

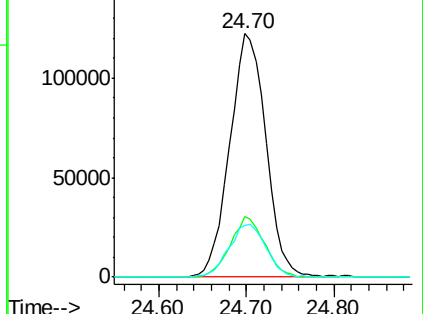
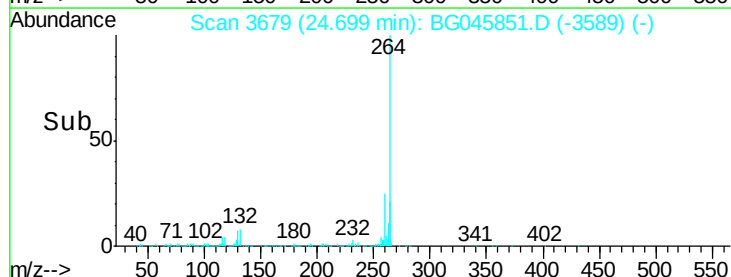
265 21.0 17.4 26.0

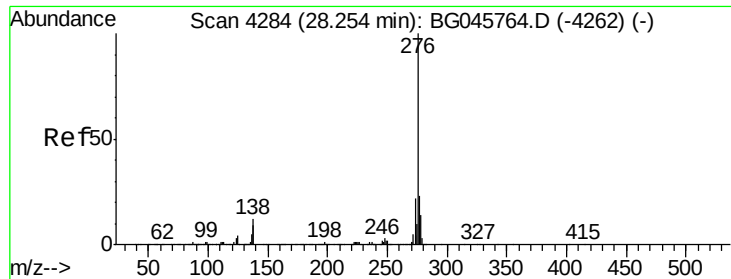


Abundance Ion 264.00 (263.70 to 264.70): E

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: 44.854 ng

RT: 28.25 min Scan# 4284

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

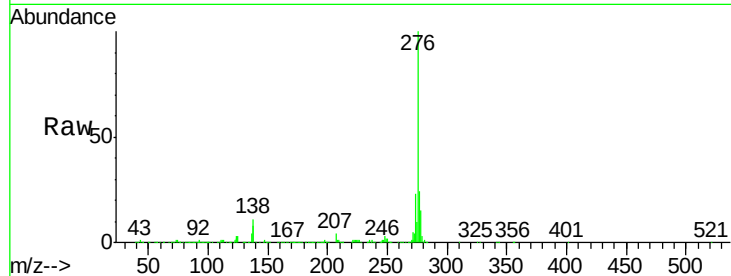
Tot Ion:276 Resp: 1116278

Ion Ratio Lower Upper

276 100

138 5.5 5.4 8.0

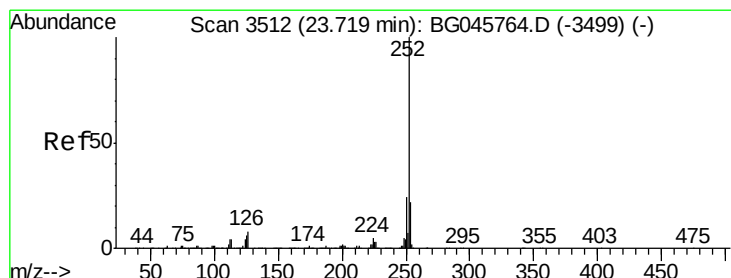
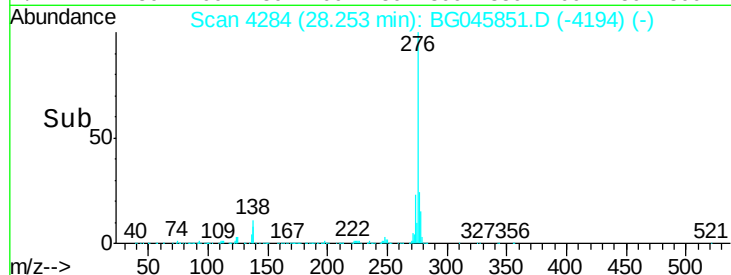
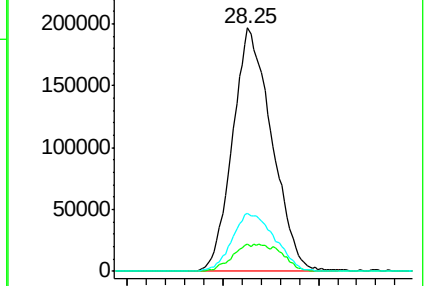
277 25.9 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 45.027 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

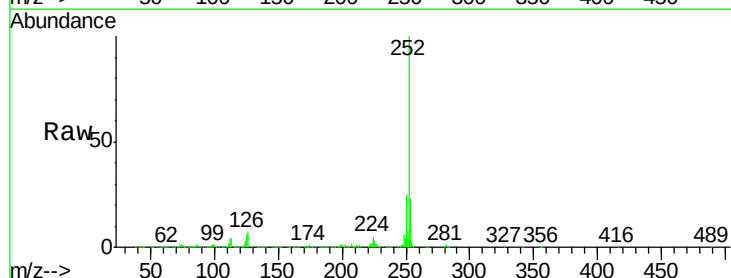
Tgt Ion:252 Resp: 969169

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

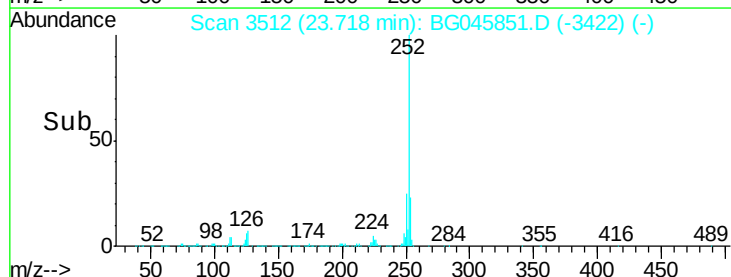
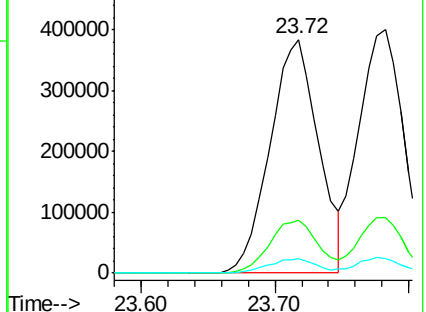
125 6.0 5.0 7.4

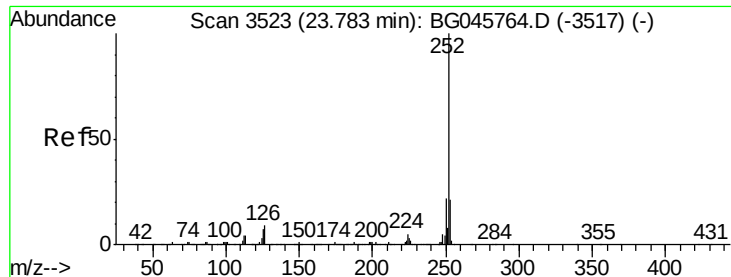


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.953 ng

RT: 23.78 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMS

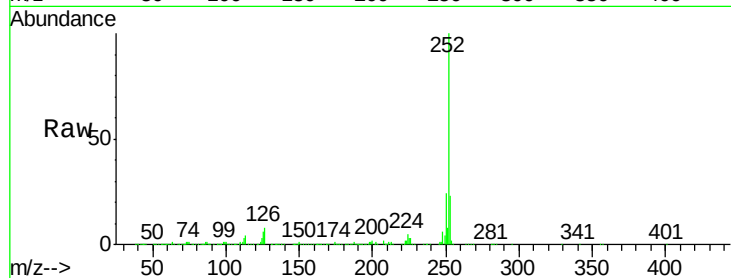
Tot Ion:252 Resp: 926047

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

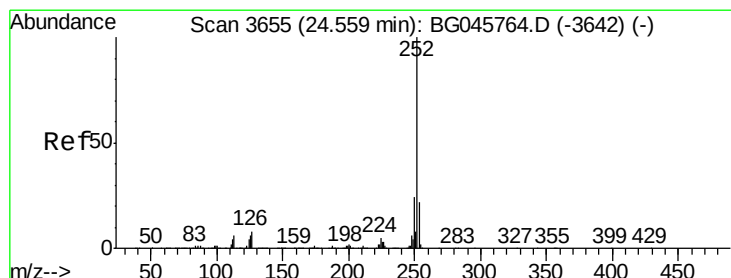
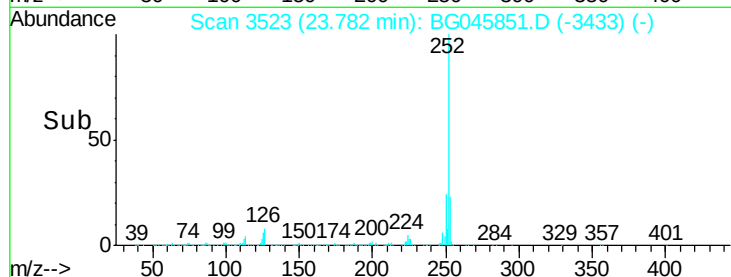
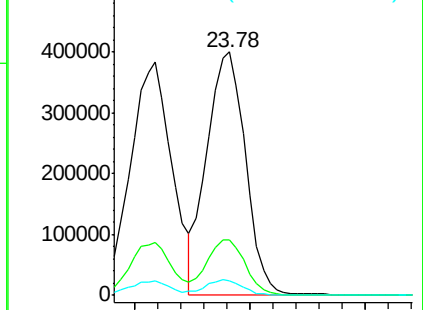
125 6.1 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.694 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BG045851.D

Acq: 24 Jun 2020 19:15

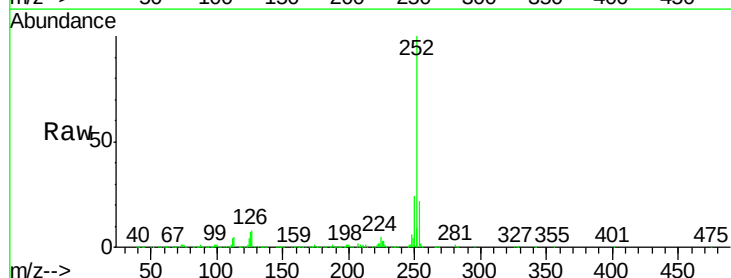
Tgt Ion:252 Resp: 878532

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

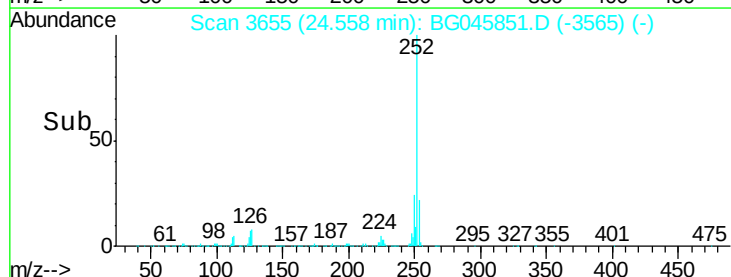
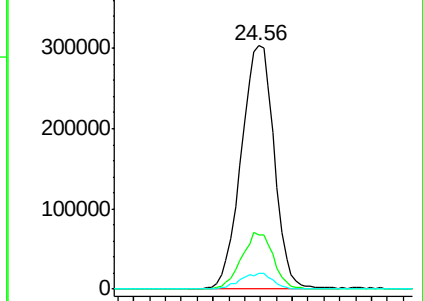
125 6.7 5.0 7.6

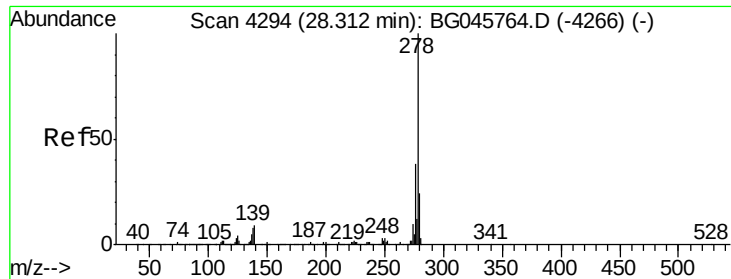


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

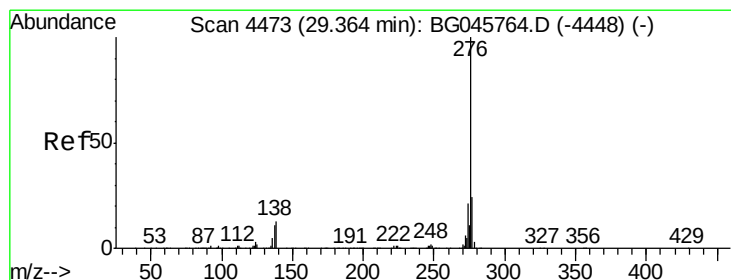
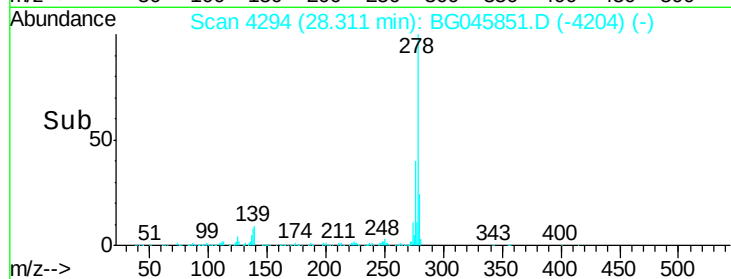
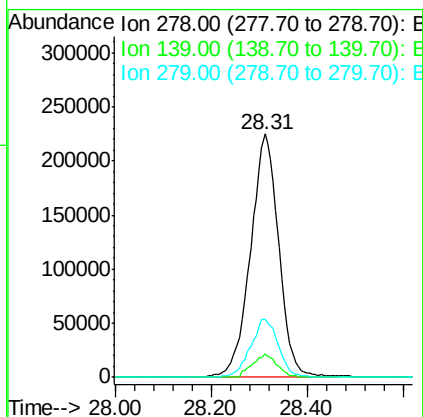
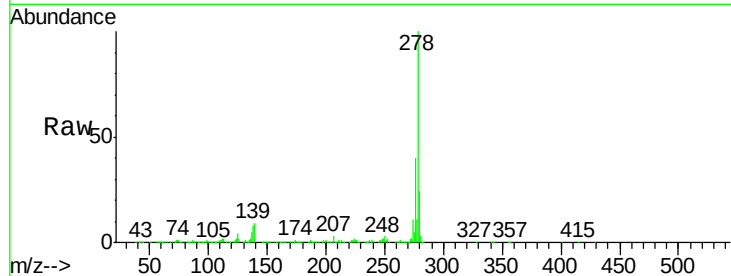




#91
Dibenzo(a,h)anthracene
Concen: 46.021 ng
RT: 28.31 min Scan# 4294
Delta R.T. -0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

Tot Ion:278 Resp: 918453
Ion Ratio Lower Upper
278 100
139 9.4 7.3 10.9
279 23.9 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 46.013 ng
RT: 29.37 min Scan# 4474
Delta R.T. 0.00 min
Lab File: BG045851.D
Acq: 24 Jun 2020 19:15

Tgt Ion:276 Resp: 919119
Ion Ratio Lower Upper
276 100
277 22.7 19.2 28.8
138 10.3 10.6 15.8#

