

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
 Data File : BG051032.D
 Acq On : 13 Nov 2021 20:52
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111321

Quant Time: Nov 15 03:19:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:13:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	37509	20.00	ng	0.00
21) Naphthalene-d8	11.050	136	163298	20.00	ng	# 0.00
39) Acenaphthene-d10	14.851	164	110753	20.00	ng	0.00
64) Phenanthrene-d10	17.601	188	257919	20.00	ng	# 0.00
76) Chrysene-d12	21.902	240	224927	20.00	ng	# 0.00
86) Perylene-d12	25.304	264	230236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	200035	79.76	ng	0.00
7) Phenol-d6	7.372	99	287790	79.25	ng	0.00
23) Nitrobenzene-d5	9.399	82	290536	73.65	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	91465	86.58	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	567452	77.11	ng	0.00
79) Terphenyl-d14	20.186	244	975855	84.55	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.611	88	44863	34.54	ng	91
3) Pyridine	4.028	79	136475	38.46	ng	# 89
4) n-Nitrosodimethylamine	3.940	42	57646	34.47	ng	# 34
6) Aniline	7.548	93	170368	40.38	ng	95
8) 2-Chlorophenol	7.789	128	102611	42.49	ng	95
9) Benzaldehyde	7.360	77	101592	37.91	ng	90
10) Phenol	7.401	94	148309	42.01	ng	82
11) bis(2-Chloroethyl)ether	7.636	93	112078	40.67	ng	89
12) 1,3-Dichlorobenzene	8.112	146	112430	40.33	ng	94
13) 1,4-Dichlorobenzene	8.259	146	112857	40.16	ng	96
14) 1,2-Dichlorobenzene	8.582	146	108978	40.60	ng	94
15) Benzyl Alcohol	8.464	79	113818	39.66	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.746	45	168007	37.38	ng	85
17) 2-Methylphenol	8.658	107	99197	42.70	ng	# 90
18) Hexachloroethane	9.310	117	42088	39.57	ng	93
19) n-Nitroso-di-n-propyla...	9.028	70	103756	39.20	ng	# 86
20) 3+4-Methylphenols	8.993	107	141201	43.18	ng	95
22) Acetophenone	9.058	105	178271	38.40	ng	# 94
24) Nitrobenzene	9.446	77	144600	36.87	ng	90
25) Isophorone	9.969	82	263356	37.64	ng	# 95
26) 2-Nitrophenol	10.157	139	63094	43.81	ng	# 86
27) 2,4-Dimethylphenol	10.204	122	97622	39.23	ng	93
28) bis(2-Chloroethoxy)met...	10.439	93	153190	38.29	ng	93
29) 2,4-Dichlorophenol	10.697	162	102420	40.38	ng	95
30) 1,2,4-Trichlorobenzene	10.909	180	113141	39.27	ng	96
31) Naphthalene	11.102	128	344635	39.43	ng	98
32) Benzoic acid	10.345	122	74231	40.20	ng	# 82
33) 4-Chloroaniline	11.208	127	149685	40.82	ng	96
34) Hexachlorobutadiene	11.367	225	67187	37.15	ng	95
35) Caprolactam	11.996	113	28933	29.81	ng	# 78
36) 4-Chloro-3-methylphenol	12.313	107	128877	40.65	ng	# 93
37) 2-Methylnaphthalene	12.689	142	236882	39.28	ng	92
38) 1-Methylnaphthalene	12.906	142	229952	39.32	ng	93
40) 1,2,4,5-Tetrachloroben...	13.053	216	127337	38.93	ng	97
41) Hexachlorocyclopentadiene	13.024	237	46250	24.47	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
 Data File : BG051032.D
 Acq On : 13 Nov 2021 20:52
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111321

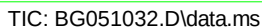
Quant Time: Nov 15 03:19:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:13:38 2021
 Response via : Initial Calibration

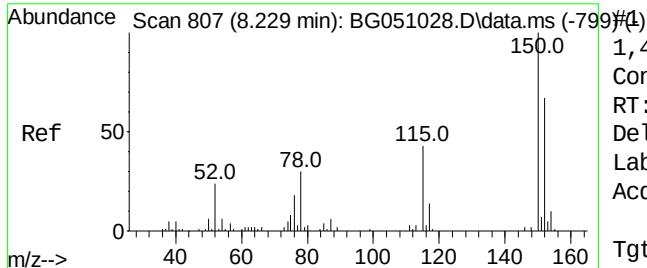
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.288	196	92012	39.92	ng	95
44) 2,4,5-Trichlorophenol	13.365	196	98205	40.76	ng	93
46) 1,1'-Biphenyl	13.688	154	316763	39.21	ng	96
47) 2-Chloronaphthalene	13.735	162	248697	40.09	ng	98
48) 2-Nitroaniline	13.940	65	98725	40.01	ng	91
49) Acenaphthylene	14.581	152	401120	39.47	ng	98
50) Dimethylphthalate	14.299	163	344416	41.14	ng	100
51) 2,6-Dinitrotoluene	14.422	165	72300	43.12	ng	# 81
52) Acenaphthene	14.916	154	236611	36.23	ng	94
53) 3-Nitroaniline	14.757	138	87448	44.09	ng	95
54) 2,4-Dinitrophenol	14.969	184	43092	41.43	ng	# 79
55) Dibenzofuran	15.251	168	401908	39.79	ng	97
56) 4-Nitrophenol	15.057	139	68564	42.98	ng	# 71
57) 2,4-Dinitrotoluene	15.209	165	105130	44.48	ng	94
58) Fluorene	15.897	166	315182	40.62	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.474	232	87079	41.49	ng	# 97
60) Diethylphthalate	15.650	149	367866	41.82	ng	97
61) 4-Chlorophenyl-phenyle...	15.879	204	170741	40.22	ng	98
62) 4-Nitroaniline	15.920	138	93607	45.36	ng	# 63
63) Azobenzene	16.173	77	382567	37.57	ng	81
65) 4,6-Dinitro-2-methylph...	15.979	198	67377	43.49	ng	92
66) n-Nitrosodiphenylamine	16.097	169	289726	39.53	ng	97
67) 4-Bromophenyl-phenylether	16.778	248	105867	40.73	ng	94
68) Hexachlorobenzene	16.896	284	105382	40.80	ng	# 94
69) Atrazine	17.037	200	77575	26.87	ng	98
70) Pentachlorophenol	17.242	266	65967	37.51	ng	98
71) Phenanthrene	17.642	178	544688	40.08	ng	97
72) Anthracene	17.730	178	539839	39.97	ng	98
73) Carbazole	18.000	167	545312	40.51	ng	98
74) Di-n-butylphthalate	18.529	149	656626	41.57	ng	# 96
75) Fluoranthene	19.640	202	661847	39.61	ng	96
77) Benzidine	19.816	184	184963	25.37	ng	98
78) Pyrene	20.004	202	673116	42.18	ng	97
80) Butylbenzylphthalate	20.868	149	292370	43.31	ng	96
81) Benzo(a)anthracene	21.878	228	618722	41.57	ng	100
82) 3,3'-Dichlorobenzidine	21.784	252	285410	57.86	ng	# 99
83) Chrysene	21.949	228	581782	41.56	ng	96
84) Bis(2-ethylhexyl)phtha...	21.743	149	408502	42.59	ng	# 97
85) Di-n-octyl phthalate	23.012	149	688526	43.04	ng	99
87) Indeno(1,2,3-cd)pyrene	29.228	276	653991	40.78	ng	# 97
88) Benzo(b)fluoranthene	24.211	252	577453	40.95	ng	# 93
89) Benzo(k)fluoranthene	24.287	252	568513	40.98	ng	# 97
90) Benzo(a)pyrene	25.145	252	495547	41.33	ng	# 94
91) Dibenzo(a,h)anthracene	29.287	278	537137	40.50	ng	# 90
92) Benzo(g,h,i)perylene	30.456	276	535068	41.19	ng	# 93

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

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

Instrument :
BNA_G
ClientSampleId :
ICVBG111321





1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.224 min Scan# 8

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

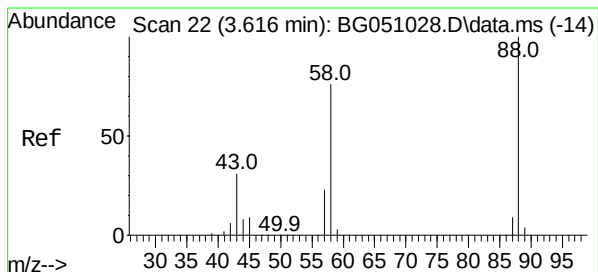
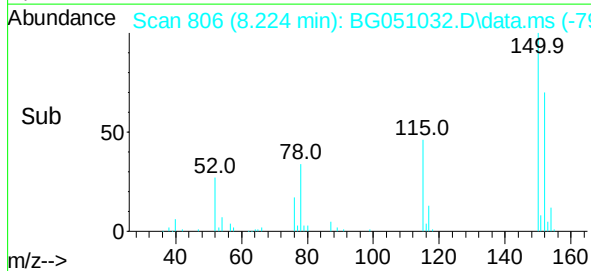
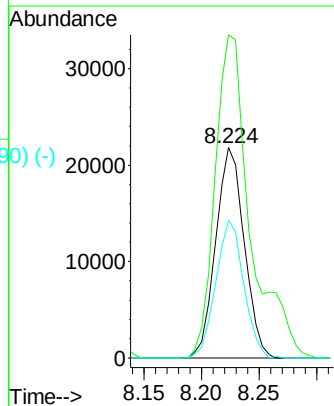
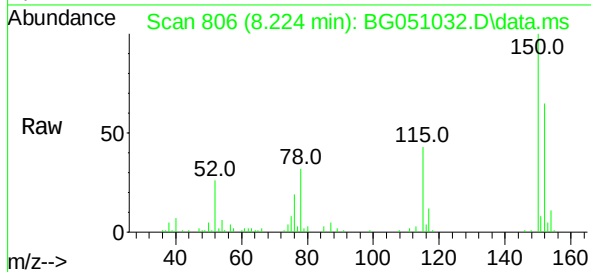
Tgt Ion:152 Resp: 37509

Ion Ratio Lower Upper

152 100

150 153.6 119.4 179.0

115 65.4 60.2 90.4



1,4-Dioxane

Concen: 34.54 ng

RT: 3.611 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

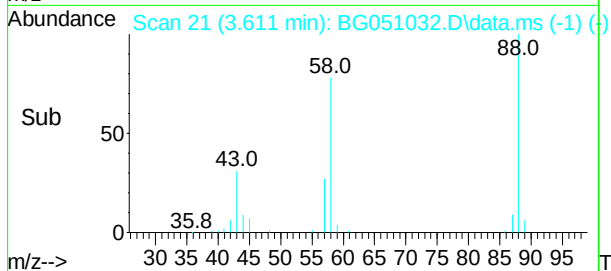
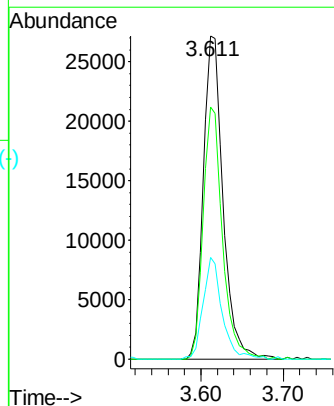
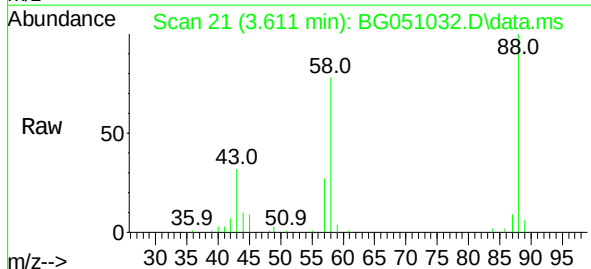
Tgt Ion: 88 Resp: 44863

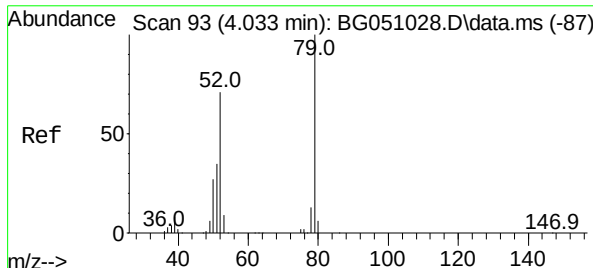
Ion Ratio Lower Upper

88 100

58 76.3 55.7 83.5

43 30.6 29.3 43.9

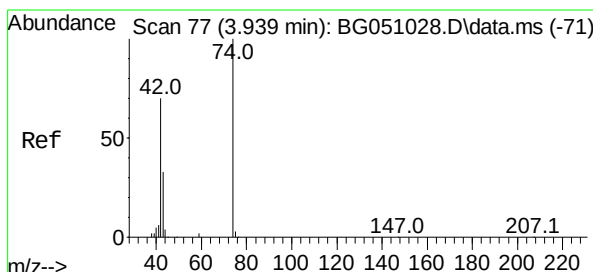
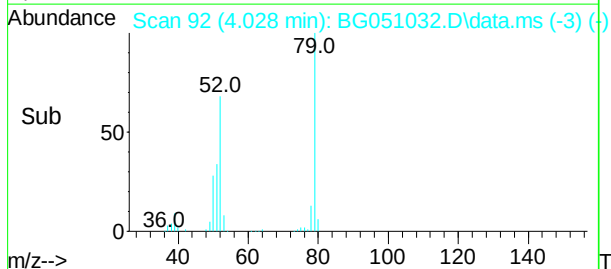
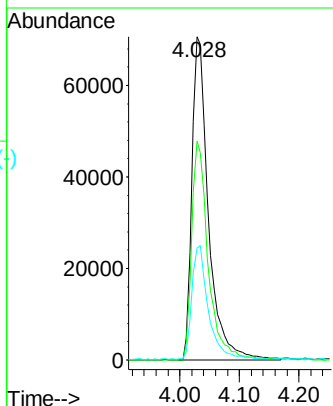
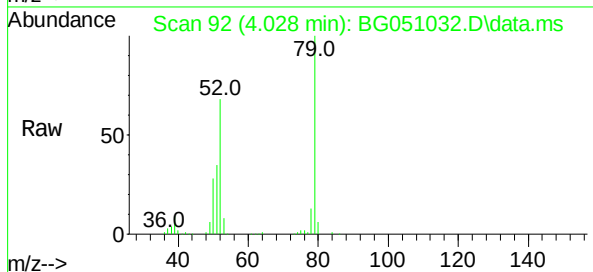




Pyridine
Concen: 38.46 ng
RT: 4.028 min Scan# 93
Delta R.T. -0.005 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

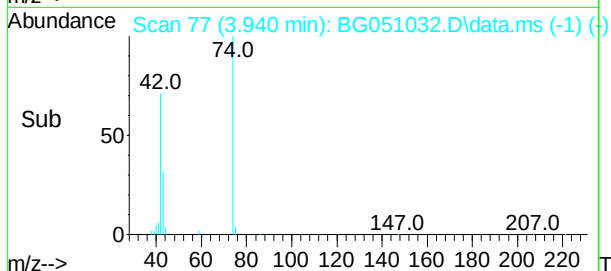
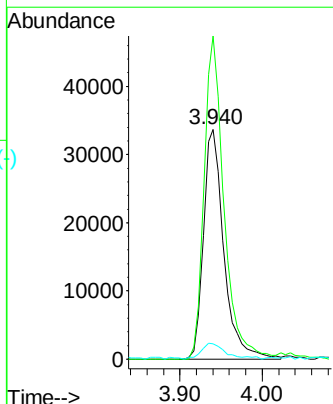
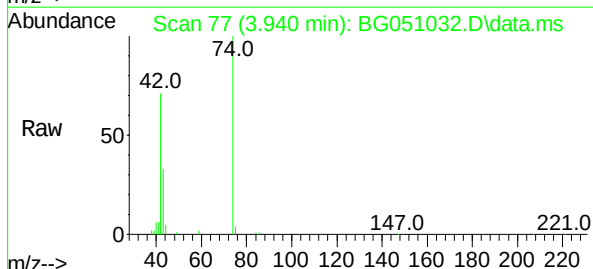
Instrument :
BNA_G
ClientSampleId :
ICVBG111321

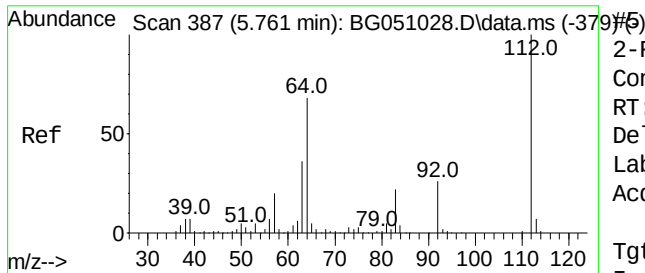
Tgt Ion: 79 Resp: 136475
Ion Ratio Lower Upper
79 100
52 67.8 58.4 87.6
51 34.7 37.0 55.6#



n-Nitrosodimethylamine
Concen: 34.47 ng
RT: 3.940 min Scan# 77
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Tgt Ion: 42 Resp: 57646
Ion Ratio Lower Upper
42 100
74 140.6 64.0 96.0#
44 6.7 2.7 4.1#





2-Fluorophenol

Concen: 79.76 ng

RT: 5.762 min Scan#

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

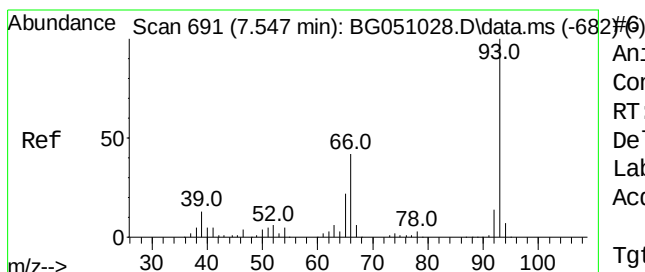
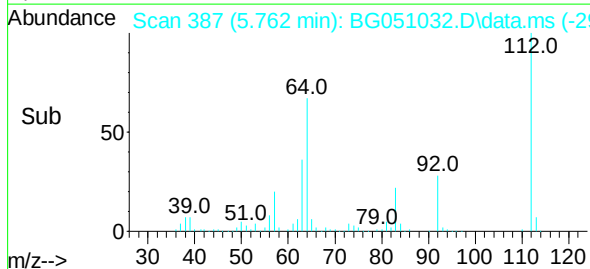
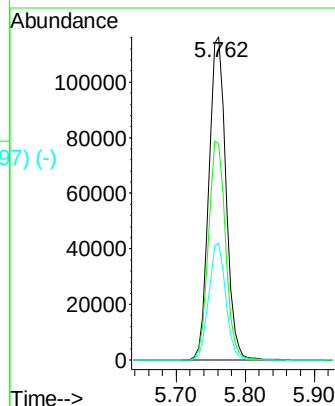
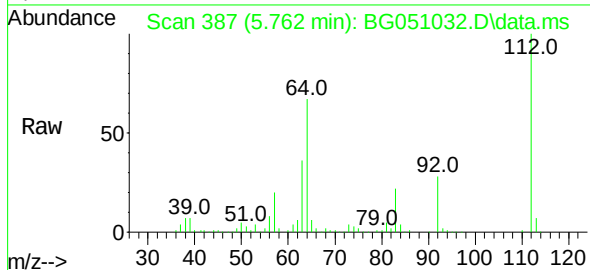
Tgt Ion:112 Resp: 200035

Ion Ratio Lower Upper

112 100

64 66.9 46.7 70.1

63 36.3 35.3 52.9



Aniline

Concen: 40.38 ng

RT: 7.548 min Scan# 691

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

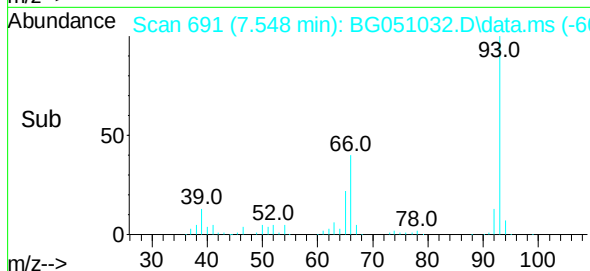
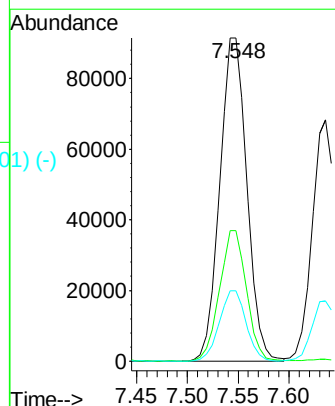
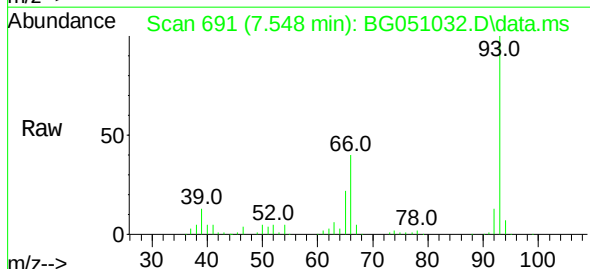
Tgt Ion: 93 Resp: 170368

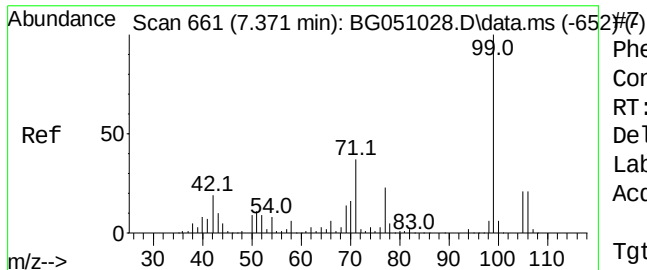
Ion Ratio Lower Upper

93 100

66 40.3 30.6 45.8

65 21.8 15.0 22.4





Phenol-d6

Concen: 79.25 ng

RT: 7.372 min Scan#

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

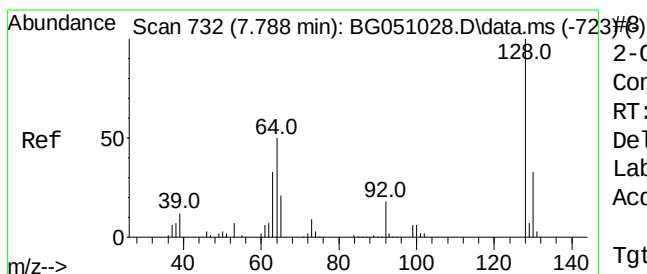
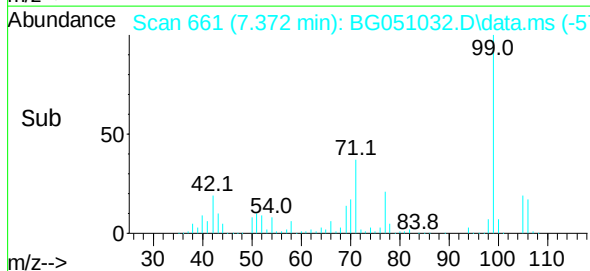
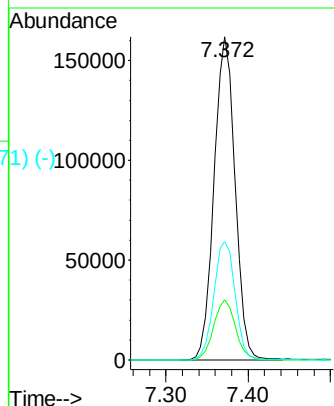
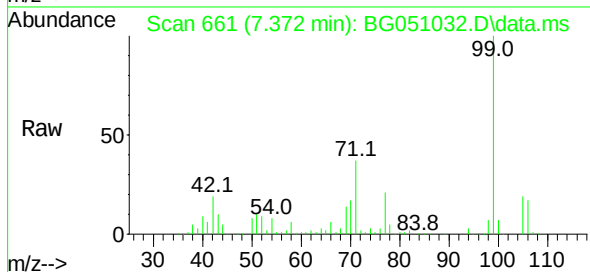
Tgt Ion: 99 Resp: 287790

Ion Ratio Lower Upper

99 100

42 18.6 20.5 30.7#

71 36.6 41.5 62.3#



2-Chlorophenol

Concen: 42.49 ng

RT: 7.789 min Scan# 732

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

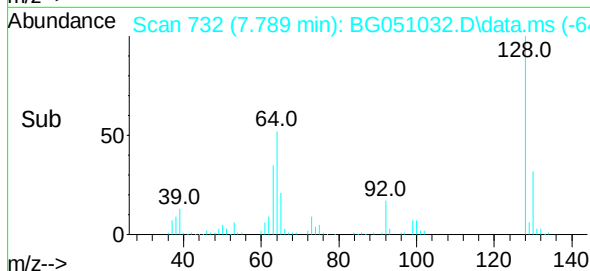
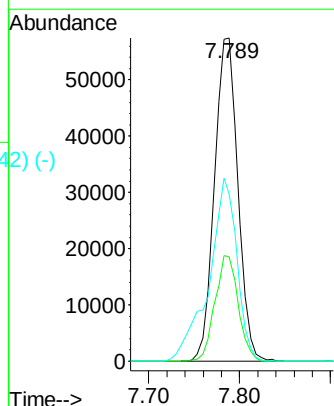
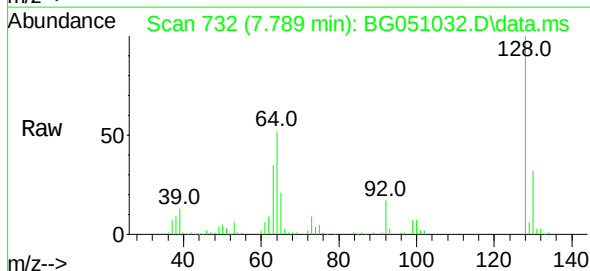
Tgt Ion: 128 Resp: 102611

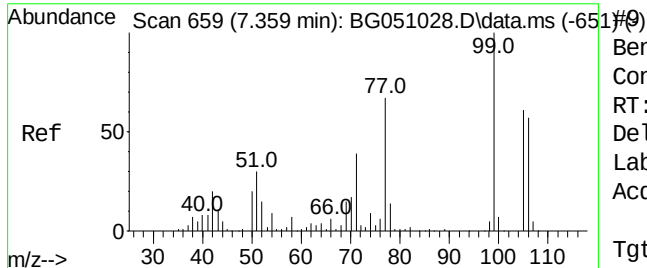
Ion Ratio Lower Upper

128 100

130 32.2 10.0 50.0

64 51.6 28.1 68.1





Benzaldehyde

Concen: 37.91 ng

RT: 7.360 min Scan#

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

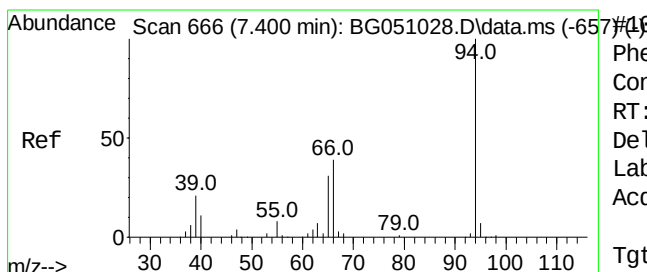
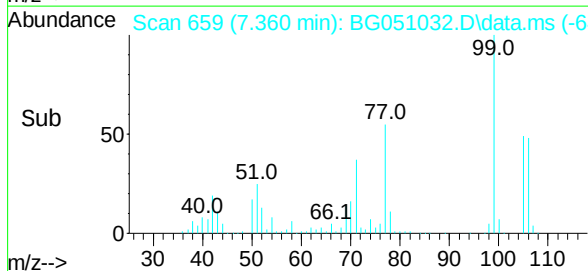
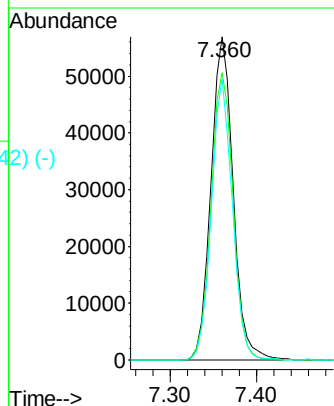
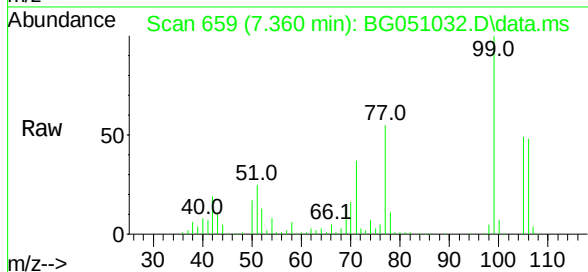
Tgt Ion: 77 Resp: 101592

Ion Ratio Lower Upper

77 100

105 89.0 68.8 108.8

106 86.9 47.9 87.9



Phenol

Concen: 42.01 ng

RT: 7.401 min Scan# 666

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

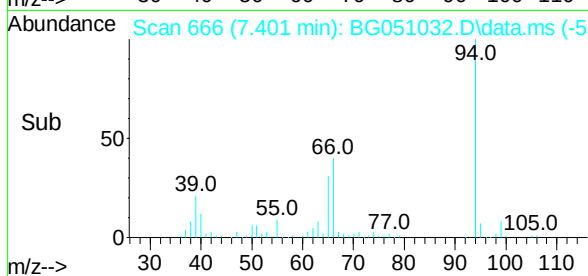
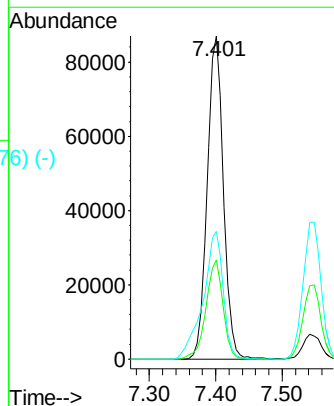
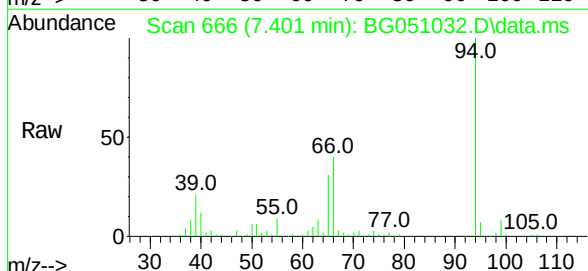
Tgt Ion: 94 Resp: 148309

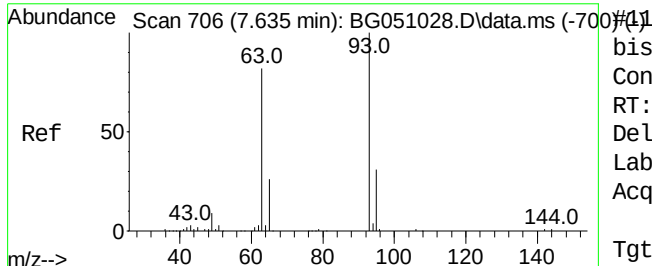
Ion Ratio Lower Upper

94 100

65 30.7 12.9 52.9

66 39.5 39.4 79.4

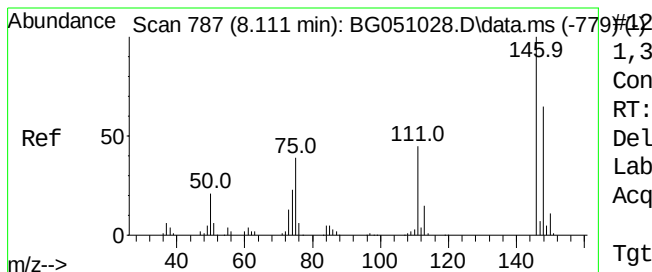
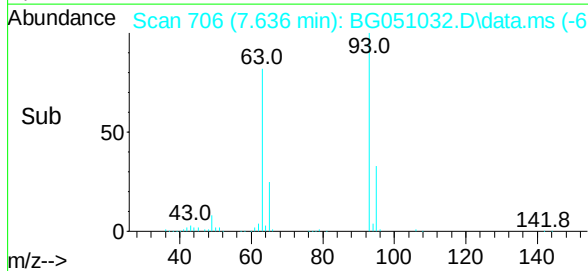
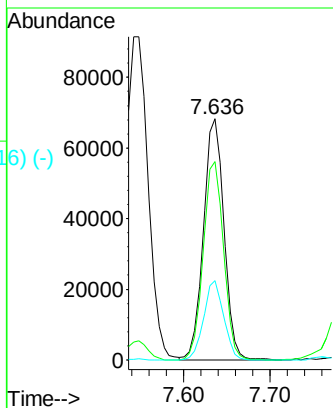
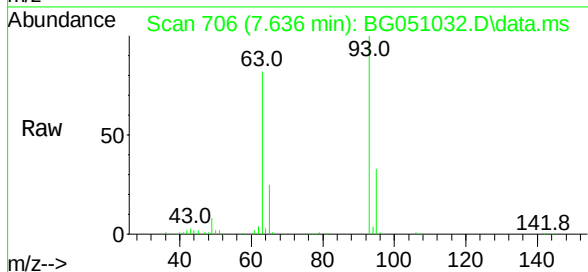




bis(2-Chloroethyl)ether
 Concen: 40.67 ng
 RT: 7.636 min Scan#
 Delta R.T. 0.001 min
 Lab File: BG051032.D
 Acq: 13 Nov 2021 20:52

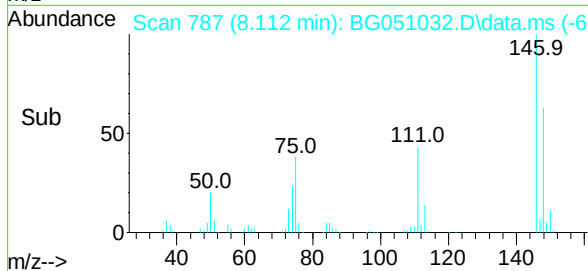
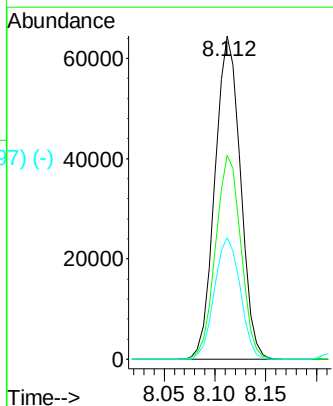
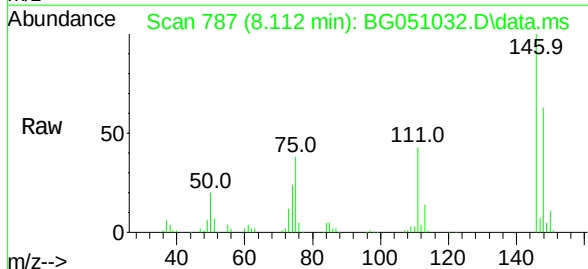
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111321

Tgt Ion:	93	Resp:	112078
Ion	Ratio	Lower	Upper
93	100		
63	82.3	50.4	90.4
95	32.8	15.3	55.3

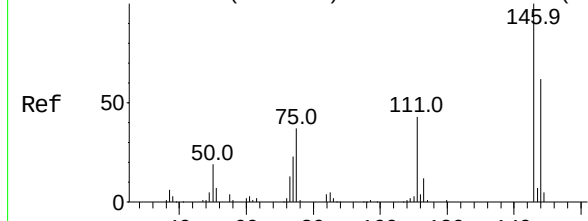


1,3-Dichlorobenzene
 Concen: 40.33 ng
 RT: 8.112 min Scan# 787
 Delta R.T. 0.001 min
 Lab File: BG051032.D
 Acq: 13 Nov 2021 20:52

Tgt Ion:	146	Resp:	112430
Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.6	78.8
75	37.6	35.7	53.5



Abundance Scan 813 (8.264 min): BG051028.D\data.ms (-804) #13

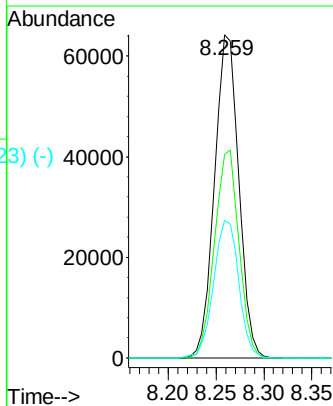
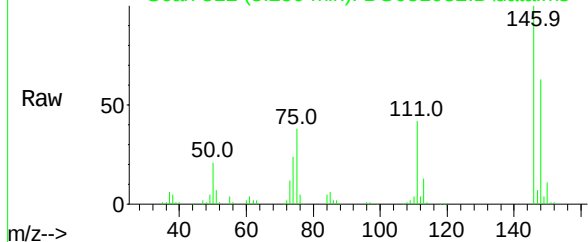


1,4-Dichlorobenzene
Concen: 40.16 ng
RT: 8.259 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

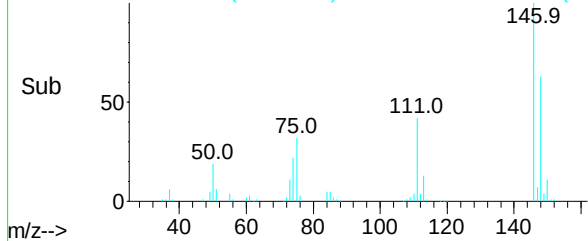
Instrument :
BNA_G
ClientSampleId :
ICVBG111321

Tgt Ion:	146	Resp:	112857
Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.0	81.0
111	42.5	34.3	51.5

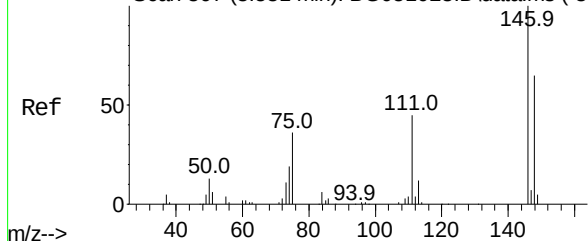
Abundance Scan 812 (8.259 min): BG051032.D\data.ms



Abundance Scan 812 (8.259 min): BG051032.D\data.ms (-723) (-)



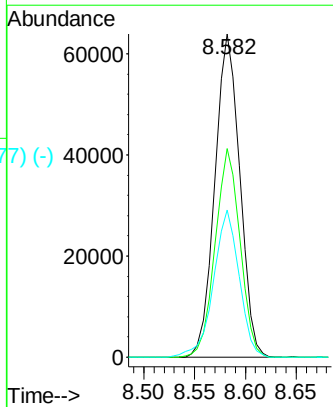
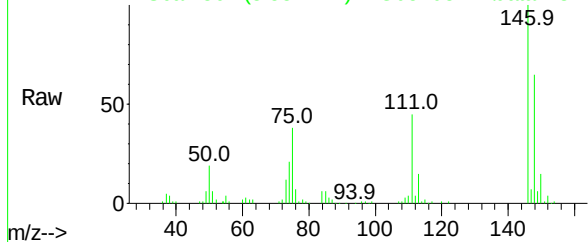
Abundance Scan 867 (8.581 min): BG051028.D\data.ms (-859) #14



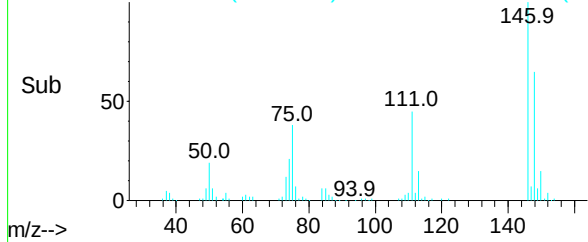
1,2-Dichlorobenzene
Concen: 40.60 ng
RT: 8.582 min Scan# 867
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Tgt Ion:	146	Resp:	108978
Ion	Ratio	Lower	Upper
146	100		
148	64.6	47.5	71.3
111	45.5	39.1	58.7

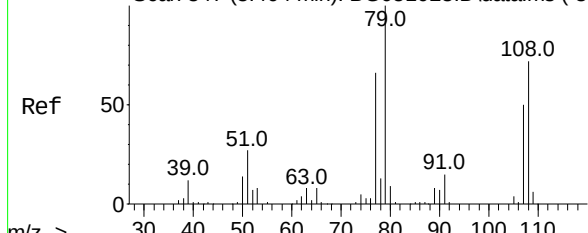
Abundance Scan 867 (8.582 min): BG051032.D\data.ms



Abundance Scan 867 (8.582 min): BG051032.D\data.ms (-777) (-)



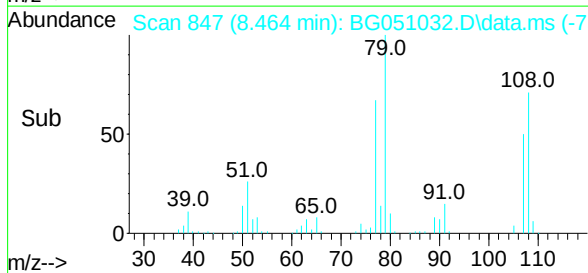
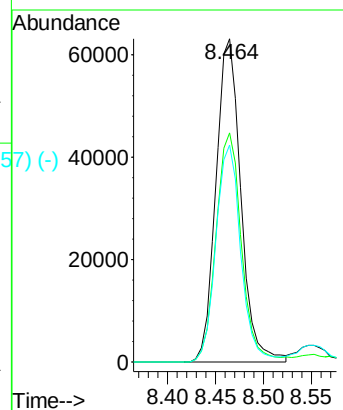
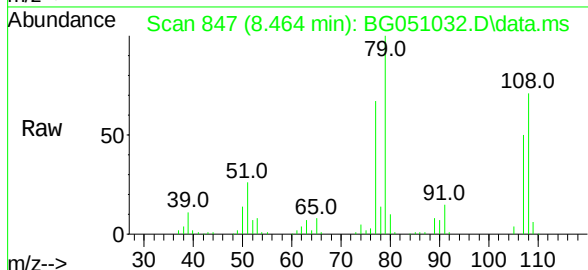
Abundance Scan 847 (8.464 min): BG051028.D\data.ms (-838) #15



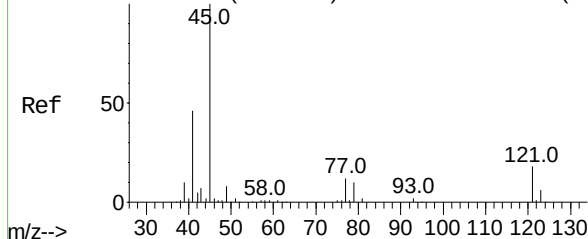
Benzyl Alcohol
 Concen: 39.66 ng
 RT: 8.464 min Scan# 847
 Delta R.T. 0.001 min
 Lab File: BG051032.D
 Acq: 13 Nov 2021 20:52

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111321

Tgt Ion:	79	Resp:	113818
Ion	Ratio	Lower	Upper
79	100		
108	70.8	48.2	72.4
77	67.2	57.3	85.9

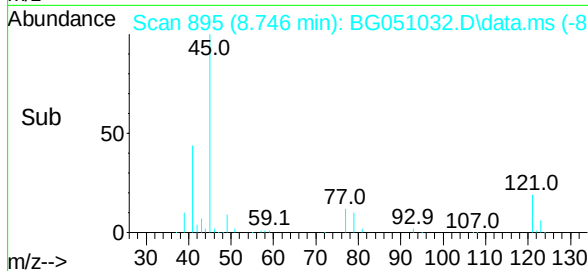
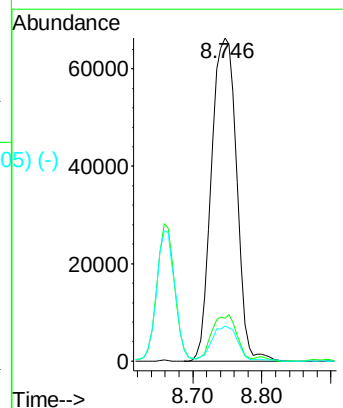
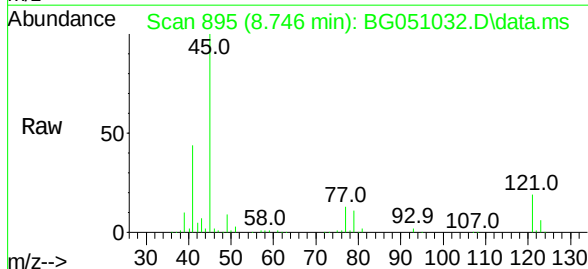


Abundance Scan 895 (8.746 min): BG051028.D\data.ms (-886) #16



2,2'-oxybis(1-Chloropropane)
 Concen: 37.38 ng
 RT: 8.746 min Scan# 895
 Delta R.T. 0.001 min
 Lab File: BG051032.D
 Acq: 13 Nov 2021 20:52

Tgt Ion:	45	Resp:	168007
Ion	Ratio	Lower	Upper
45	100		
77	13.3	2.2	42.2
79	10.9	0.0	34.3



Abundance Scan 881 (8.663 min): BG051028.D\data.ms (-872) #17

2-Methylphenol

Concen: 42.70 ng

RT: 8.658 min Scan# 881

Delta R.T. -0.005 min

Lab File: BG051032.D

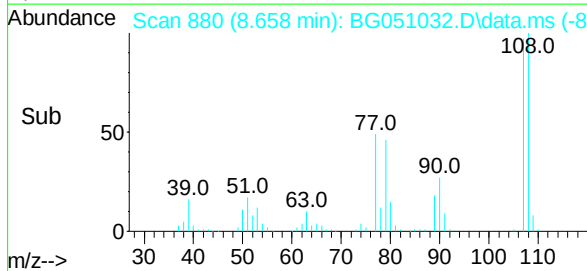
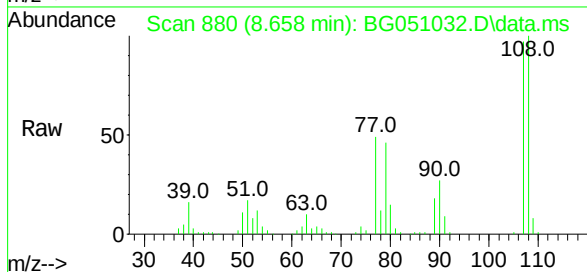
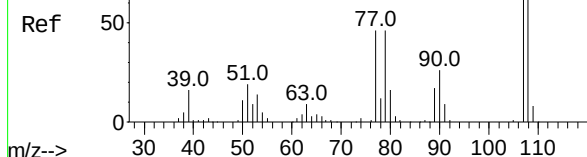
Acq: 13 Nov 2021 20:52

Instrument :

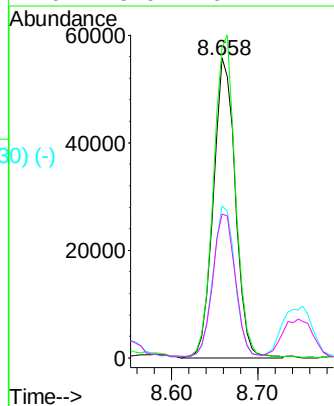
BNA_G

ClientSampleId :

ICVBG111321



Tgt Ion:	107	Resp:	99197
Ion	Ratio	Lower	Upper
107	100		
108	103.5	84.6	127.0
77	50.8	50.7	76.1
79	48.0	49.4	74.0#



Abundance Scan 992 (9.315 min): BG051028.D\data.ms (-984) #18

Hexachloroethane

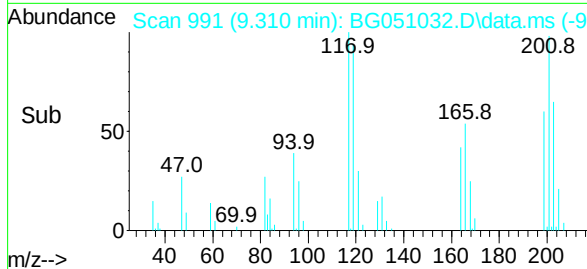
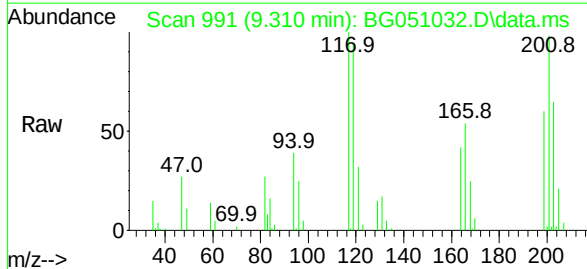
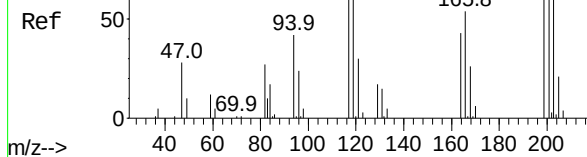
Concen: 39.57 ng

RT: 9.310 min Scan# 991

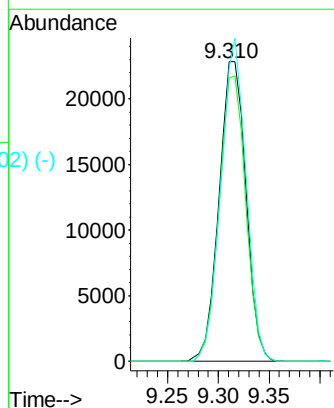
Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52



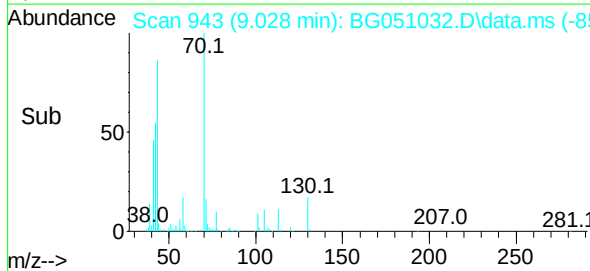
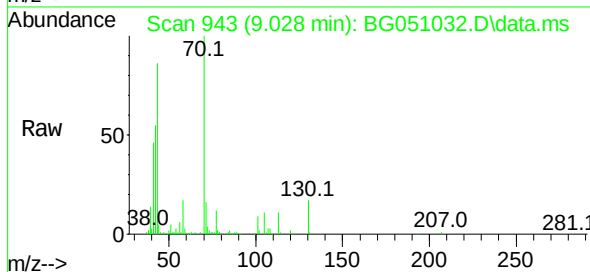
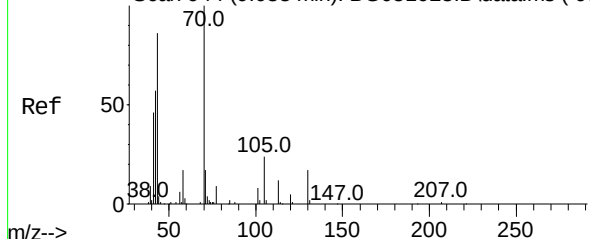
Tgt Ion:	117	Resp:	42088
Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.4	111.6
201	97.8	88.6	133.0



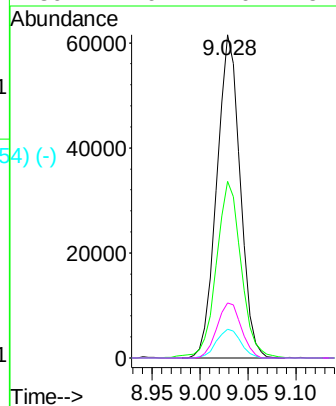
Abundance Scan 944 (9.033 min): BG051028.D\data.ms (-934) #19

n-Nitroso-di-n-propylamine
Concen: 39.20 ng
RT: 9.028 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

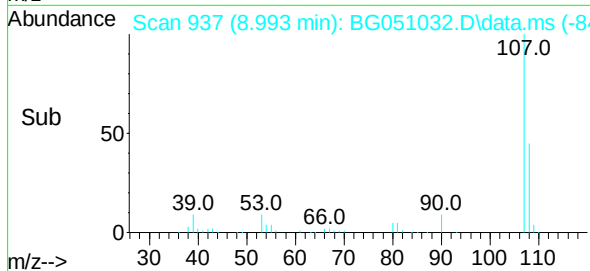
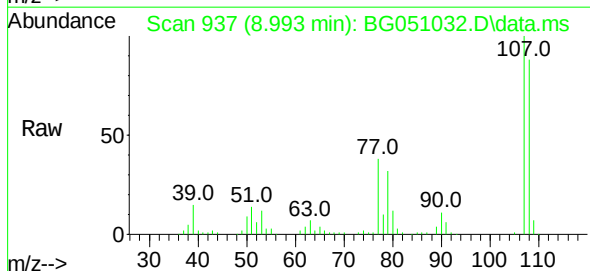
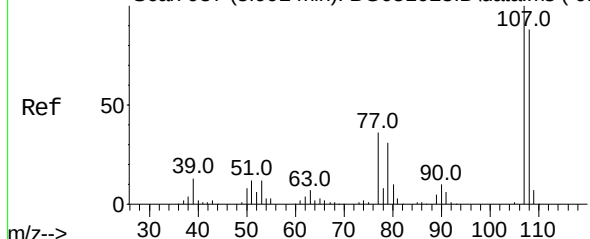


Tgt Ion:	70	Resp:	103756
Ion	Ratio	Lower	Upper
70	100		
42	54.6	54.5	81.7
101	8.9	9.0	13.6#
130	17.0	17.0	25.6#

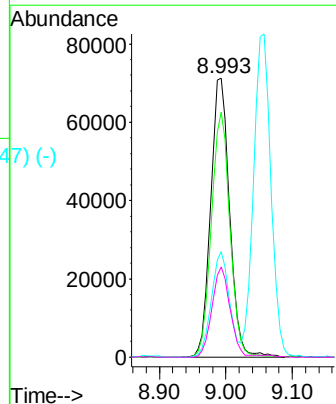


Abundance Scan 937 (8.992 min): BG051028.D\data.ms (-928) #20

3+4-Methylphenols
Concen: 43.18 ng
RT: 8.993 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52



Tgt Ion:	107	Resp:	141201
Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.3	109.3
77	37.7	25.2	65.2
79	32.2	15.1	55.1



Abundance Scan 1288 (11.055 min): BG051028.D\data.ms (-1288) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 11.050 min Scan# 1288

Delta R.T. -0.005 min

Lab File: BG051032.D

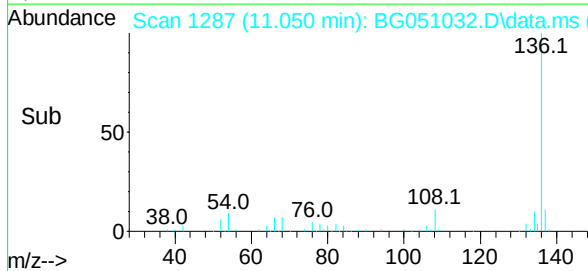
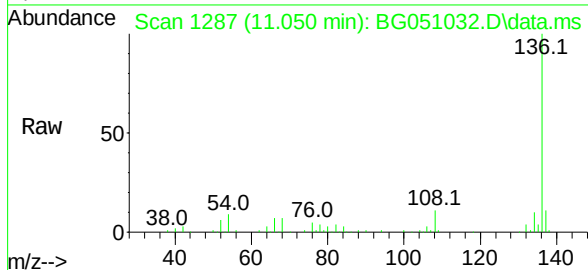
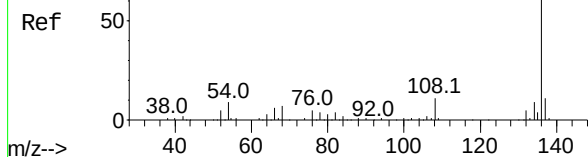
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



Tgt Ion:136 Resp: 163298

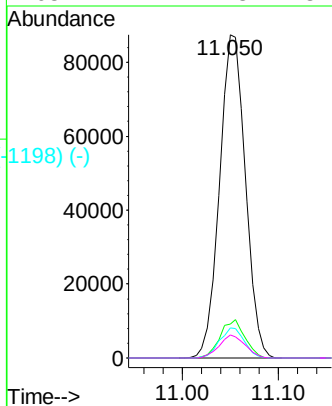
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.2

54 9.2 5.5 8.3#

68 7.1 2.3 3.5#



Abundance Scan 948 (9.057 min): BG051028.D\data.ms (-948) (-)

Acetophenone

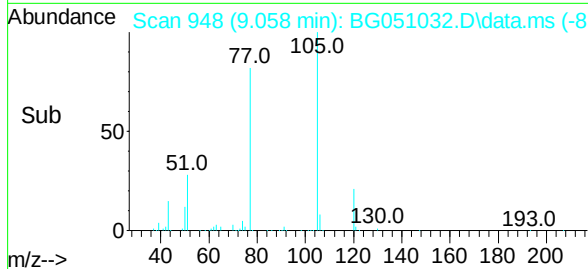
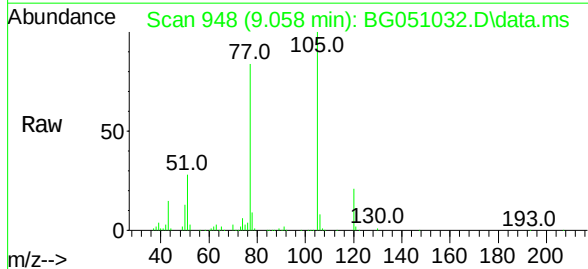
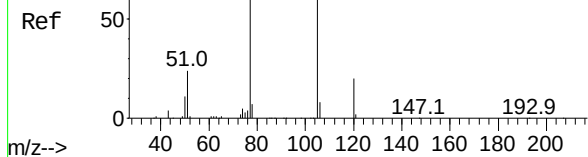
Concen: 38.40 ng

RT: 9.058 min Scan# 948

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52



Tgt Ion:105 Resp: 178271

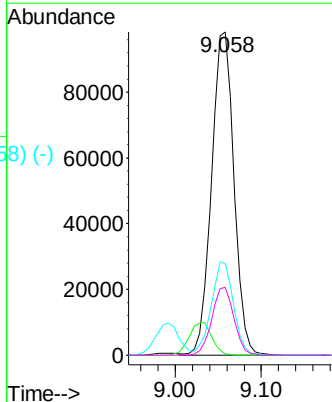
Ion Ratio Lower Upper

105 100

71 0.3 0.6 0.8#

51 28.3 26.6 40.0

120 20.9 16.2 24.4



Abundance Scan 1007 (9.404 min): BG051028.D\data.ms (-99723)

Nitrobenzene-d5

Concen: 73.65 ng

RT: 9.399 min Scan#

Delta R.T. -0.005 min

Lab File: BG051032.D

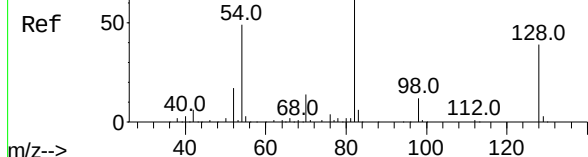
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



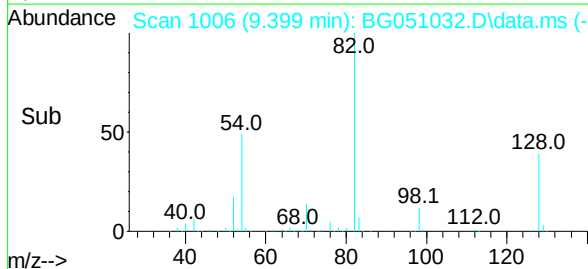
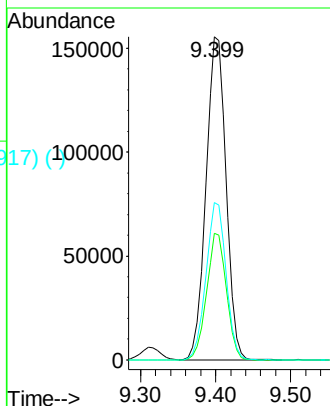
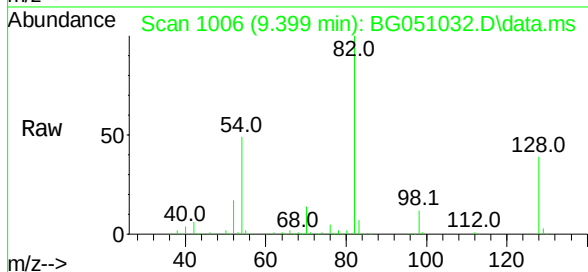
Tgt Ion: 82 Resp: 290536

Ion Ratio Lower Upper

82 100

128 39.1 29.8 44.6

54 48.7 45.8 68.8



Abundance Scan 1014 (9.445 min): BG051028.D\data.ms (-10624)

Nitrobenzene

Concen: 36.87 ng

RT: 9.446 min Scan# 1014

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

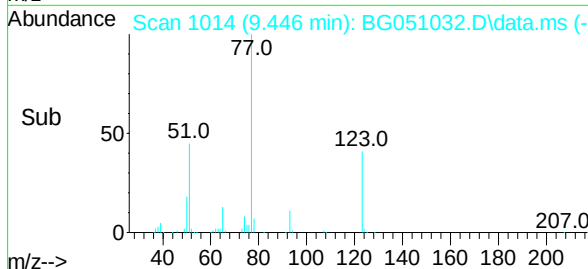
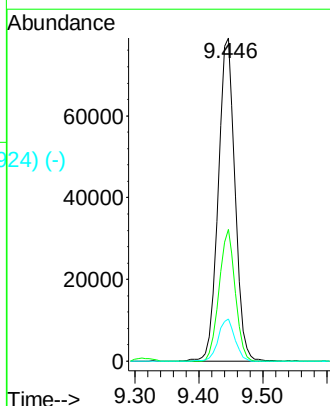
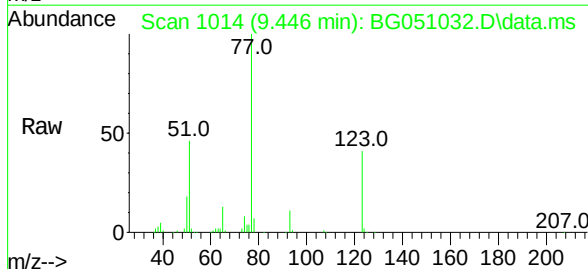
Tgt Ion: 77 Resp: 144600

Ion Ratio Lower Upper

77 100

123 40.8 27.5 41.3

65 13.1 12.6 18.8



Abundance Scan 1103 (9.968 min): BG051028.D\data.ms (-1025) (-)

Isophorone

Concen: 37.64 ng

RT: 9.969 min Scan# 1103

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

Tgt Ion: 82 Resp: 263356

Ion Ratio Lower Upper

82 100

95 6.7 8.5 12.7#

138 15.0 11.8 17.6

Abundance Scan 1103 (9.969 min): BG051032.D\data.ms

Ref 50

39.0 54.0 82.0 110.1 138.1

m/z-->

Abundance Raw

39.0 54.0 82.0 104.9 123.1 138.1

m/z-->

Abundance Scan 1103 (9.969 min): BG051032.D\data.ms (-1013) (-)

Sub 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance

150000

9.969

100000

50000

0

Time-->

9.90 10.00 10.10

Abundance Scan 1136 (10.162 min): BG051028.D\data.ms (-1126) (-)

2-Nitrophenol

Concen: 43.81 ng

RT: 10.157 min Scan# 1135

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Tgt Ion: 139 Resp: 63094

Ion Ratio Lower Upper

139 100

109 33.5 37.8 56.6#

65 57.2 51.8 77.8

Abundance Scan 1135 (10.157 min): BG051032.D\data.ms

Ref 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Raw

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Scan 1135 (10.157 min): BG051032.D\data.ms (-1046) (-)

Sub 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance

30000

10.157

20000

10000

0

Time-->

10.10 10.20

Abundance Scan 1143 (10.203 min): BG051028.D\data.ms (-1#29) (-)

2,4-Dimethylphenol

Concen: 39.23 ng

RT: 10.204 min Scan# 1143

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

Tgt Ion:122 Resp: 97622

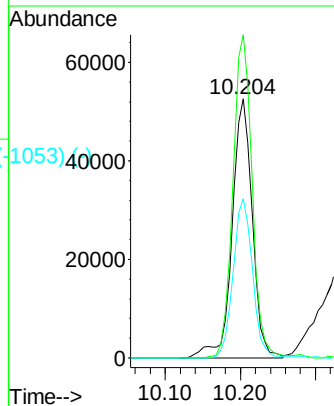
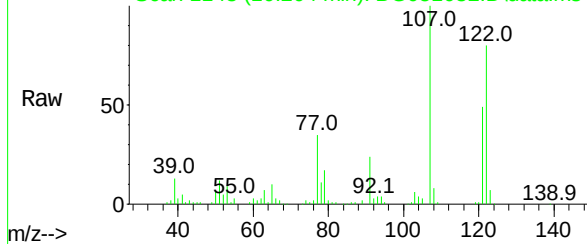
Ion Ratio Lower Upper

122 100

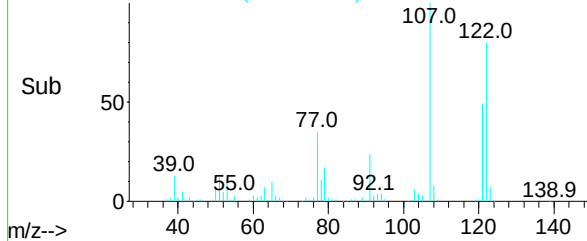
107 124.7 110.1 165.1

121 61.4 49.0 73.6

Abundance Scan 1143 (10.204 min): BG051032.D\data.ms



Abundance Scan 1143 (10.204 min): BG051032.D\data.ms (-1053) (-)



Abundance Scan 1183 (10.438 min): BG051028.D\data.ms (-1#28) (-)

bis(2-Chloroethoxy)methane

Concen: 38.29 ng

RT: 10.439 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Tgt Ion: 93 Resp: 153190

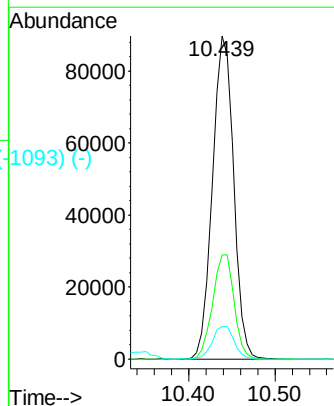
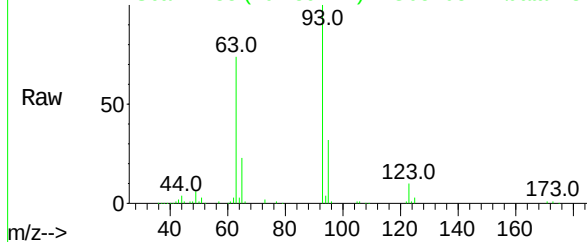
Ion Ratio Lower Upper

93 100

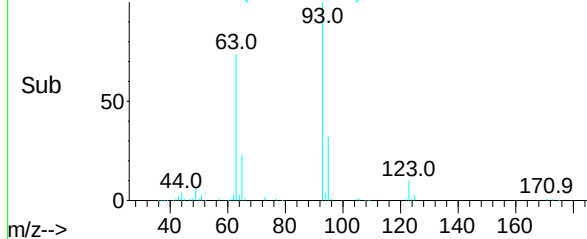
95 32.3 22.2 33.4

123 10.0 8.8 13.2

Abundance Scan 1183 (10.439 min): BG051032.D\data.ms



Abundance Scan 1183 (10.439 min): BG051032.D\data.ms (-1093) (-)



Abundance Scan 1227 (10.696 min): BG051028.D\data.ms (-1229) (-)

2,4-Dichlorophenol

Concen: 40.38 ng

RT: 10.697 min Scan# 1229

Delta R.T. 0.001 min

Lab File: BG051032.D

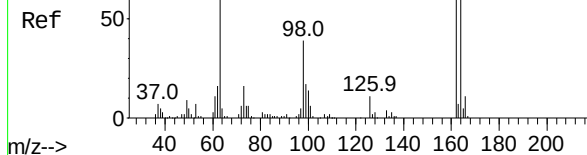
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



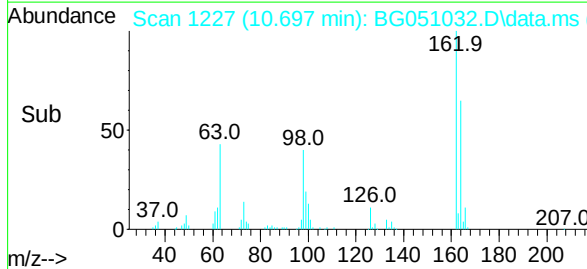
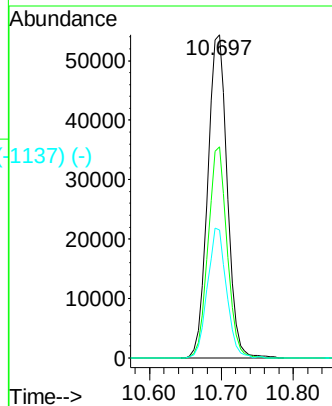
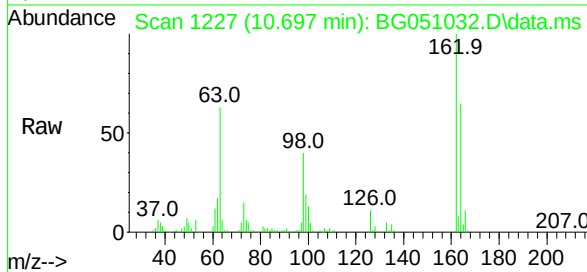
Tgt Ion:162 Resp: 102420

Ion Ratio Lower Upper

162 100

164 65.4 39.4 79.4

98 39.5 18.7 58.7



Abundance Scan 1264 (10.914 min): BG051028.D\data.ms (-1236) (-)

1,2,4-Trichlorobenzene

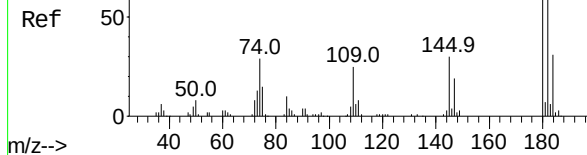
Concen: 39.27 ng

RT: 10.909 min Scan# 1263

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52



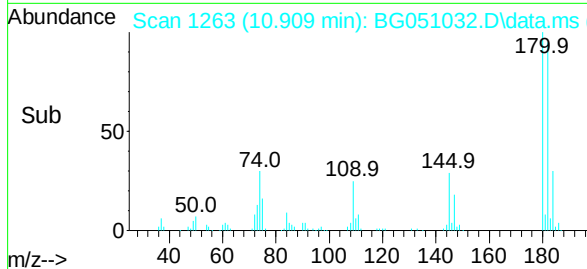
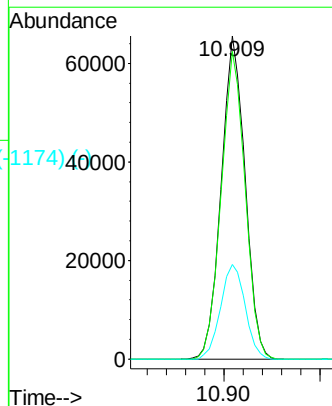
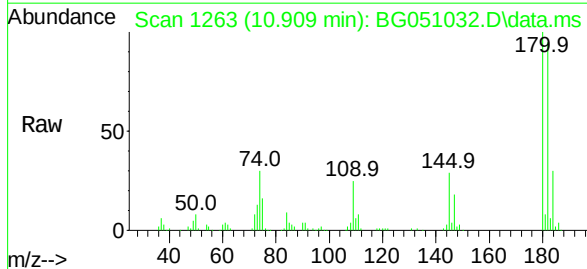
Tgt Ion:180 Resp: 113141

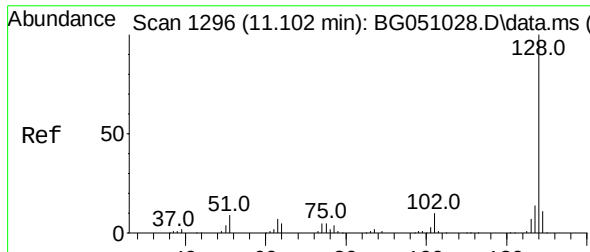
Ion Ratio Lower Upper

180 100

182 95.2 78.9 118.3

145 29.4 26.2 39.4

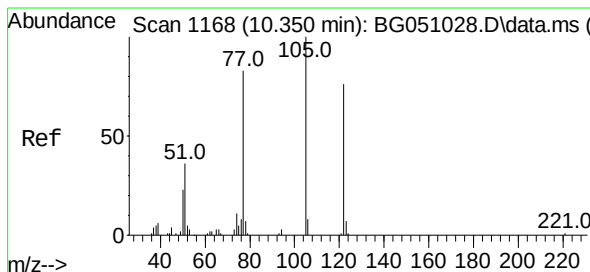
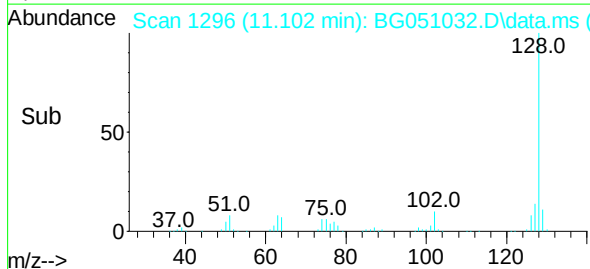
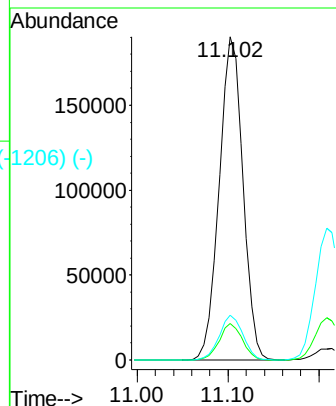
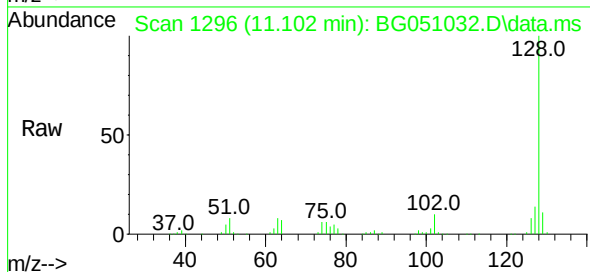




Scan 1296 (11.102 min): BG051028.D\data.ms (-128) (-)
 Naphthalene
 Concen: 39.43 ng
 RT: 11.102 min Scan# 1134
 Delta R.T. 0.001 min
 Lab File: BG051032.D
 Acq: 13 Nov 2021 20:52

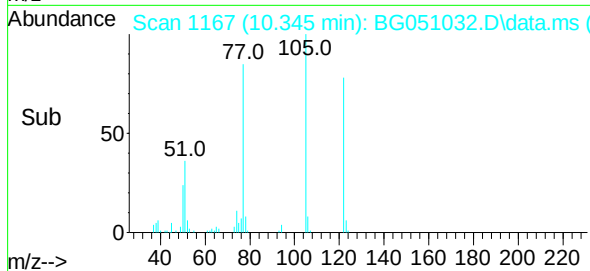
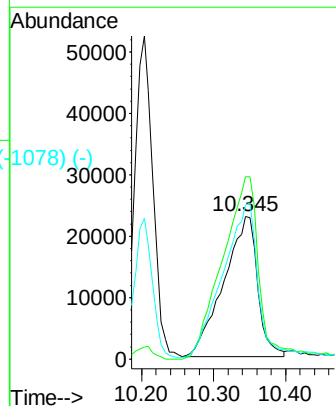
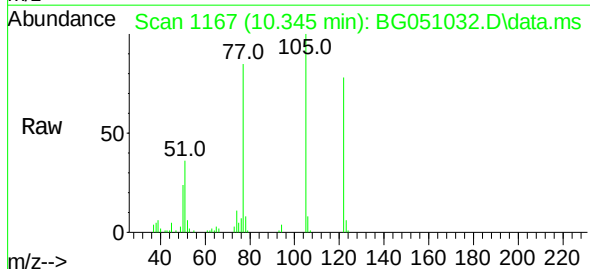
Instrument :
 BNA_G
 ClientSampleId :
 CVBG111321

Tgt Ion:	128	Resp:	344635
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	13.8	10.2	15.4



Scan 1168 (10.350 min): BG051028.D\data.ms (-122) (-)
 Benzoic acid
 Concen: 40.20 ng
 RT: 10.345 min Scan# 1167
 Delta R.T. -0.005 min
 Lab File: BG051032.D
 Acq: 13 Nov 2021 20:52

Tgt Ion:	122	Resp:	74231
Ion	Ratio	Lower	Upper
122	100		
105	127.6	92.3	132.3
77	108.2	66.5	106.5#



Abundance Scan 1315 (11.213 min): BG051028.D\data.ms (-1303) (-)

4-Chloroaniline

Concen: 40.82 ng

RT: 11.208 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

Tgt Ion:127 Resp: 149685

Ion Ratio Lower Upper

127 100

129 31.8 26.7 40.1

65 36.3 32.8 49.2

92 20.8 16.2 24.4

Abundance Scan 1314 (11.208 min): BG051032.D\data.ms

Ref

50

39.0 65.0 92.0 110.0 127.0

0

m/z-->

40 60 80 100 120

Abundance

Raw

50

39.0 65.0 92.0 109.9 127.0

0

m/z-->

40 60 80 100 120

Abundance

Sub

50

45.5 65.0 92.0 109.9 127.0

0

m/z-->

40 60 80 100 120

Abundance

11.208

60000

40000

20000

0

Time-->

11.20 11.30

Abundance Scan 1342 (11.372 min): BG051028.D\data.ms (-1334) (-)

Hexachlorobutadiene

Concen: 37.15 ng

RT: 11.367 min Scan# 1341

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Tgt Ion:225 Resp: 67187

Ion Ratio Lower Upper

225 100

223 62.7 49.8 74.8

227 65.6 46.4 69.6

Abundance Scan 1341 (11.367 min): BG051032.D\data.ms

Ref

50

47.0 83.0 117.9 154.9 189.9 224.8 259.8

0

m/z-->

50 100 150 200 250

Abundance

Raw

50

47.0 83.0 117.9 154.9 189.8 224.8 259.8

0

m/z-->

50 100 150 200 250

Abundance

Sub

50

47.0 83.0 117.9 154.9 189.8 224.8 259.8

0

m/z-->

50 100 150 200 250

Abundance

11.367

30000

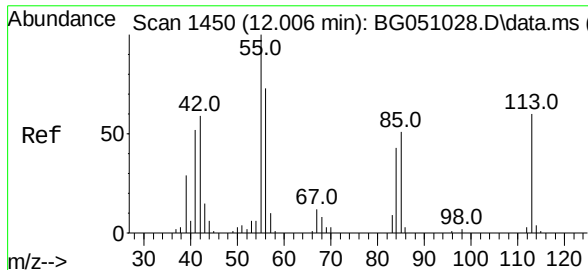
20000

10000

0

Time-->

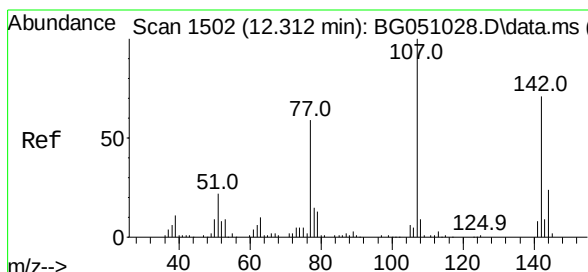
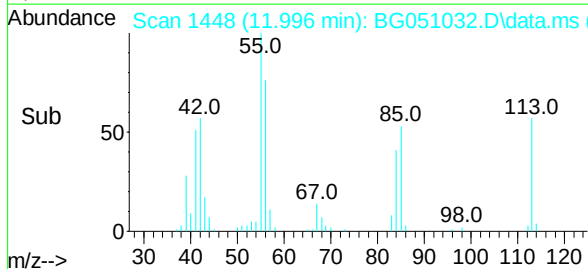
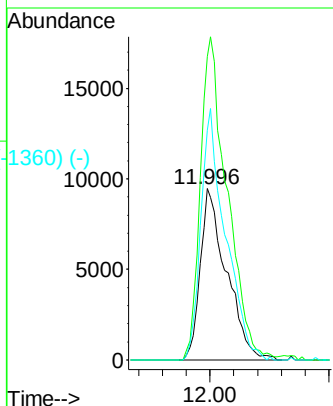
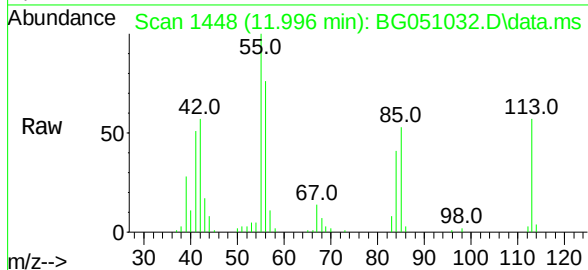
11.30 11.40



Caprolactam
Concen: 29.81 ng
RT: 11.996 min Scan# 1435
Delta R.T. -0.011 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

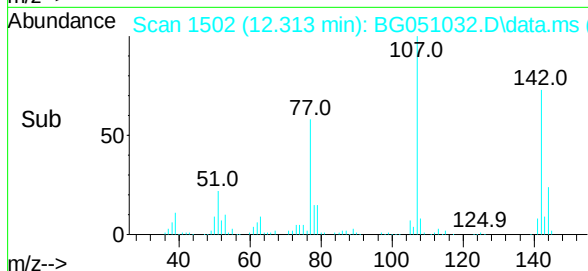
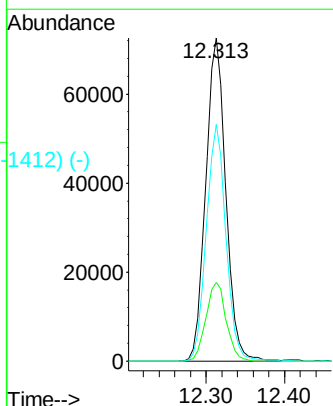
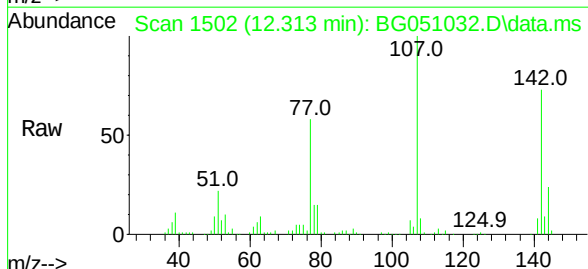
Instrument :
BNA_G
ClientSampleId :
ICVBG111321

Tgt Ion:113 Resp: 28933
Ion Ratio Lower Upper
113 100
55 177.0 113.8 153.8#
56 134.2 105.6 145.6



4-Chloro-3-methylphenol
Concen: 40.65 ng
RT: 12.313 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Tgt Ion:107 Resp: 128877
Ion Ratio Lower Upper
107 100
144 24.4 24.8 37.2#
142 73.4 62.2 93.4



Abundance Scan 1567 (12.694 min): BG051028.D\data.ms (-1537) (-)

2-Methylnaphthalene

Concen: 39.28 ng

RT: 12.689 min Scan# 1537

Delta R.T. -0.005 min

Lab File: BG051032.D

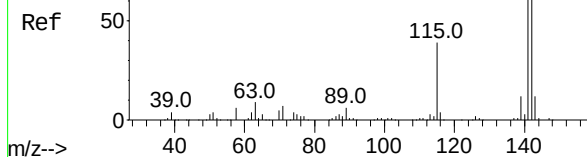
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



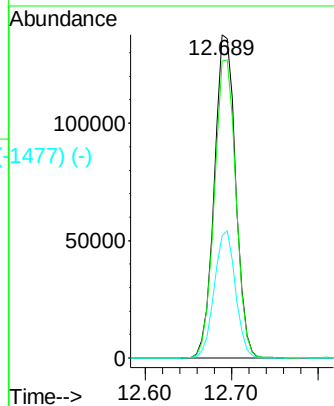
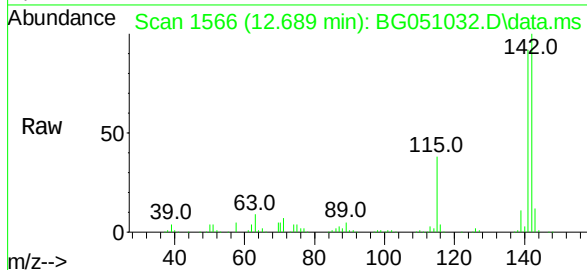
Tgt Ion:142 Resp: 236882

Ion Ratio Lower Upper

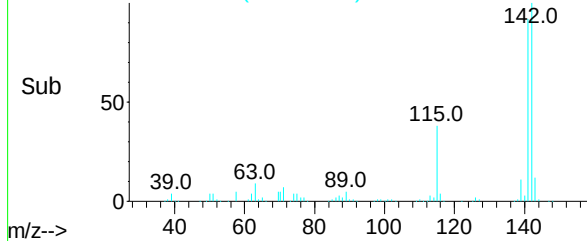
142 100

141 91.9 68.8 103.2

115 37.8 36.4 54.6



Abundance Scan 1566 (12.689 min): BG051032.D\data.ms (-1477) (-)



Abundance Scan 1604 (12.911 min): BG051028.D\data.ms (-1538) (-)

1-Methylnaphthalene

Concen: 39.32 ng

RT: 12.906 min Scan# 1603

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

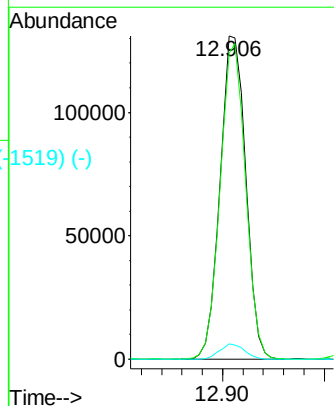
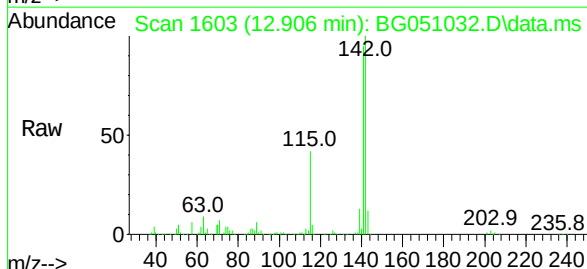
Tgt Ion:142 Resp: 229952

Ion Ratio Lower Upper

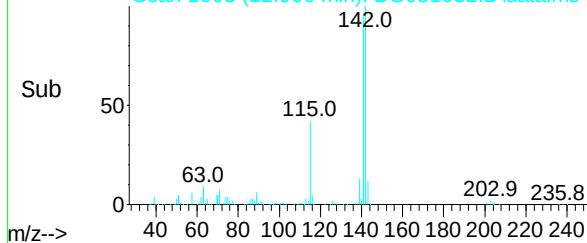
142 100

141 94.7 70.6 106.0

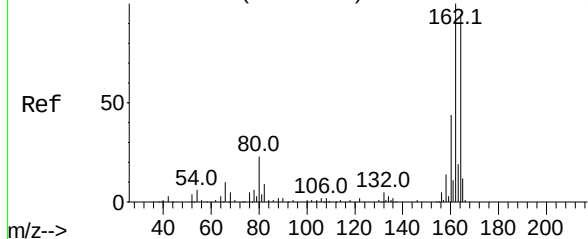
116 4.8 4.0 6.0



Abundance Scan 1603 (12.906 min): BG051032.D\data.ms (-1519) (-)



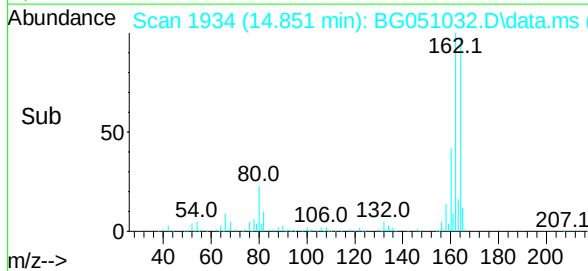
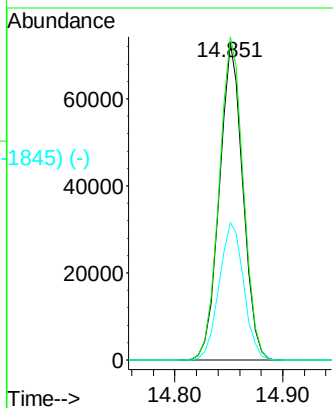
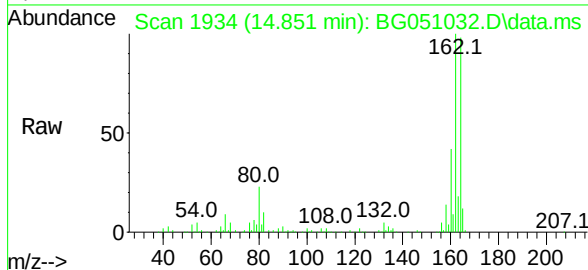
Abundance Scan 1935 (14.856 min): BG051028.D\data.ms (-1629) (-)



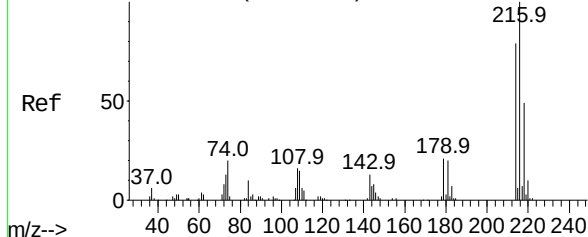
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.851 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

Tgt Ion:	164	Resp:	110753
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	43.3	34.9	52.3

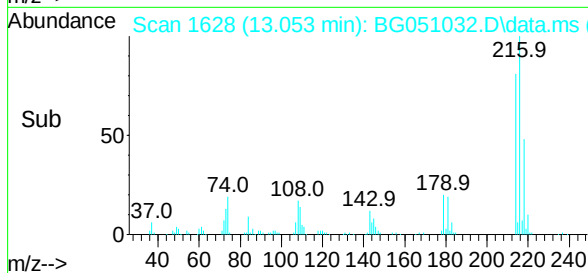
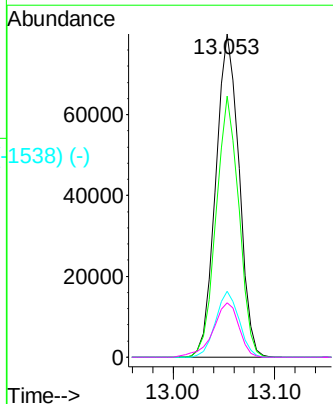
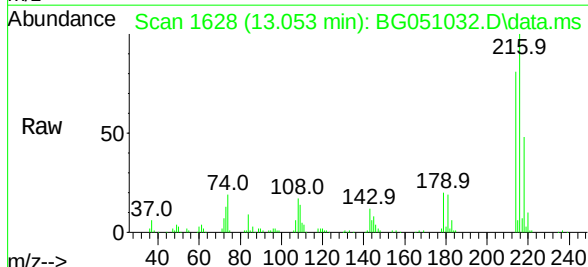


Abundance Scan 1628 (13.052 min): BG051028.D\data.ms (-1620) (-)



1,2,4,5-Tetrachlorobenzene
Concen: 38.93 ng
RT: 13.053 min Scan# 1628
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Tgt Ion:	216	Resp:	127337
Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.4	92.2
179	20.4	17.3	25.9
108	18.6	16.3	24.5



Abundance Scan 1623 (13.023 min): BG051028.D\data.ms (-1610) (-)

Hexachlorocyclopentadiene

Concen: 24.47 ng

RT: 13.024 min Scan# 1623

Delta R.T. 0.001 min

Lab File: BG051032.D

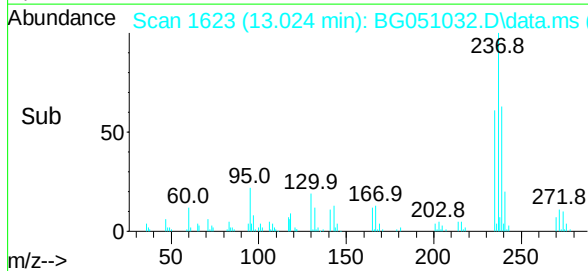
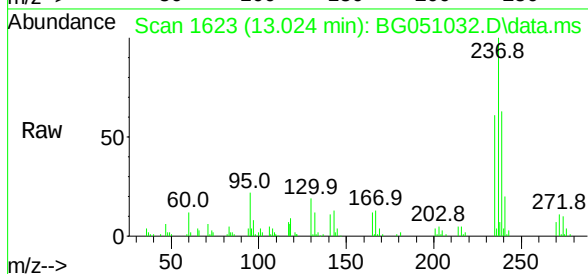
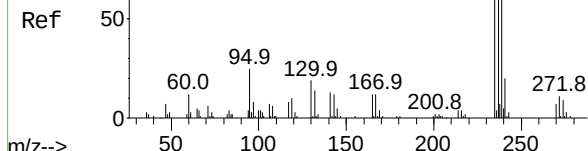
Acq: 13 Nov 2021 20:52

Instrument :

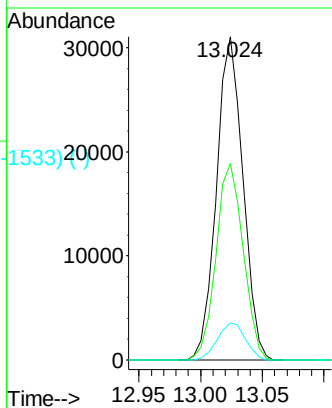
BNA_G

ClientSampleId :

ICVBG111321



Tgt Ion:	237	Resp:	46250
Ion Ratio	Lower	Upper	
237	100		
235	60.8	36.6	76.6
272	11.5	0.0	32.5



Abundance Scan 2188 (16.343 min): BG051028.D\data.ms (-2180) (-)

2,4,6-Tribromophenol

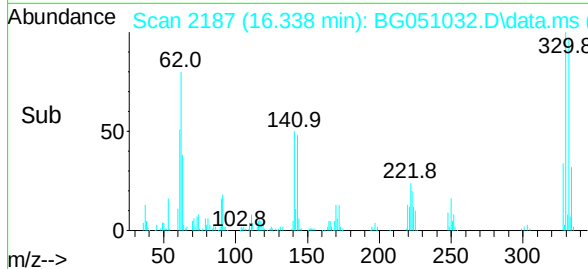
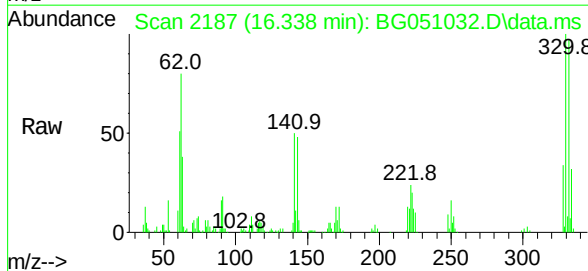
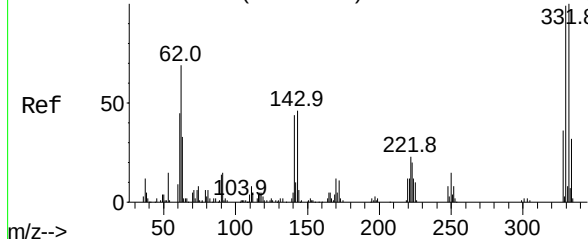
Concen: 86.58 ng

RT: 16.338 min Scan# 2187

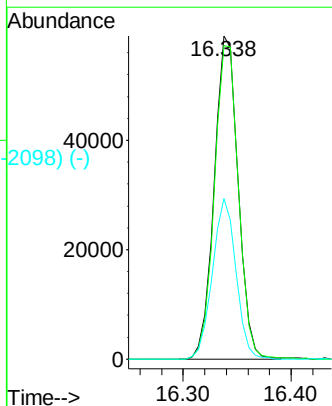
Delta R.T. -0.005 min

Lab File: BG051032.D

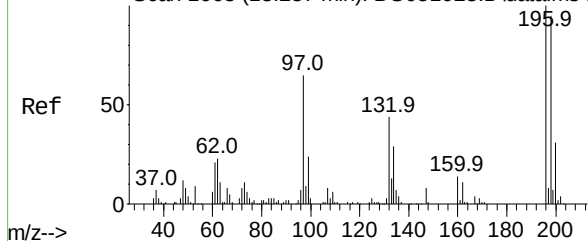
Acq: 13 Nov 2021 20:52



Tgt Ion:	330	Resp:	91465
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.3	115.9
141	48.9	35.6	53.4



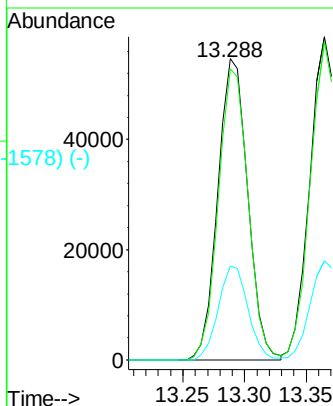
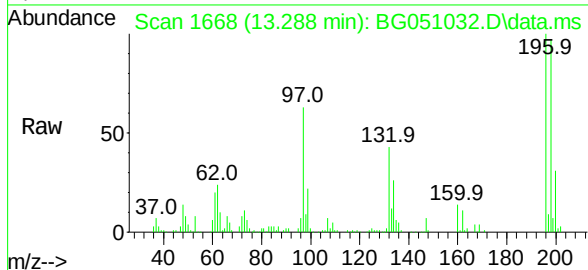
Abundance Scan 1668 (13.287 min): BG051028.D\data.ms (-1668) (-)



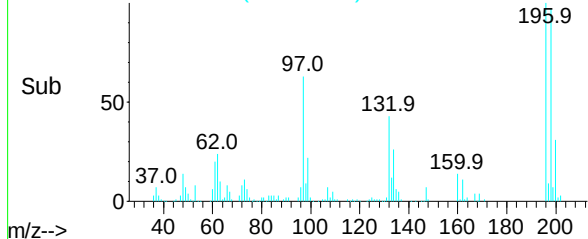
2,4,6-Trichlorophenol
Concen: 39.92 ng
RT: 13.288 min Scan# 1668
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

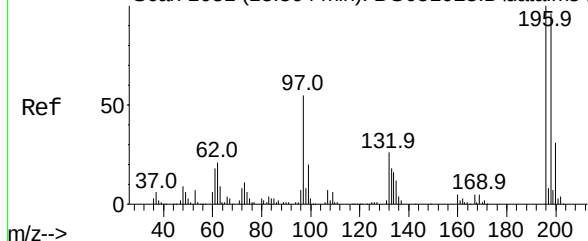
Tgt Ion:	196	Resp:	92012
Ion	Ratio	Lower	Upper
196	100		
198	96.7	82.1	123.1
200	31.2	23.8	35.8



Abundance Scan 1668 (13.288 min): BG051032.D\data.ms (-1578) (-)

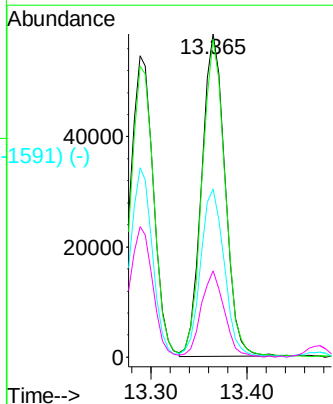
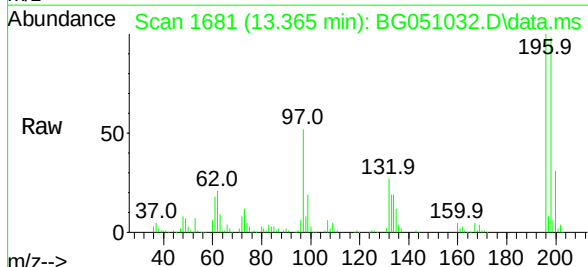


Abundance Scan 1681 (13.364 min): BG051028.D\data.ms (-1674) (-)

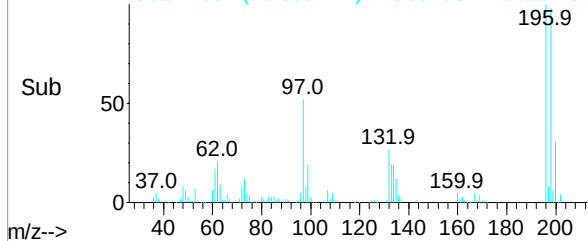


2,4,5-Trichlorophenol
Concen: 40.76 ng
RT: 13.365 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

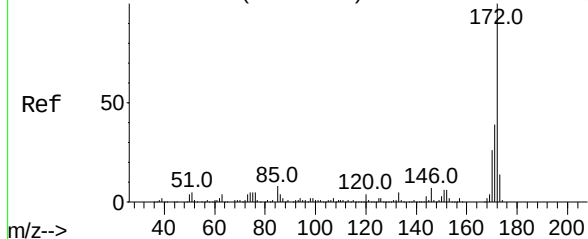
Tgt Ion:	196	Resp:	98205
Ion	Ratio	Lower	Upper
196	100		
198	98.4	87.4	131.0
97	52.0	43.3	64.9
132	26.8	21.4	32.2



Abundance Scan 1681 (13.365 min): BG051032.D\data.ms (-1591) (-)



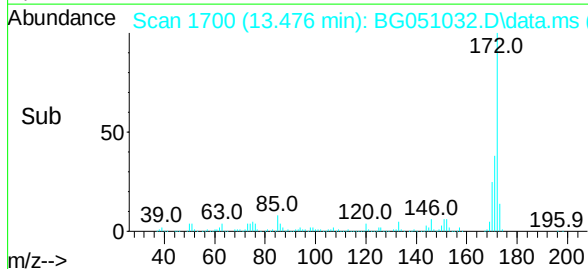
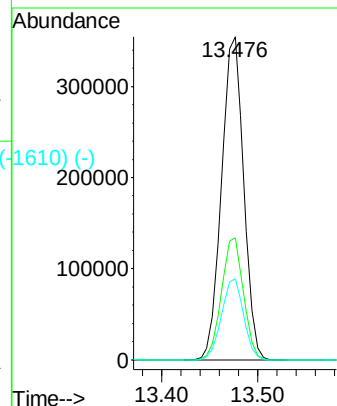
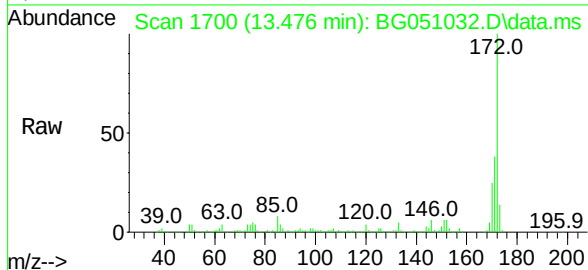
Abundance Scan 1700 (13.475 min): BG051028.D\data.ms (-1695) (-)



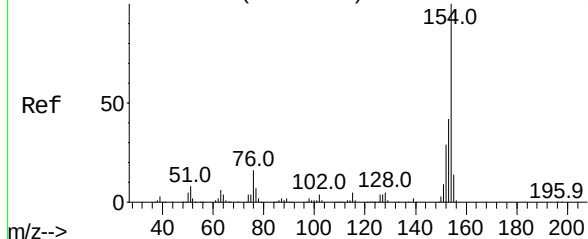
2-Fluorobiphenyl
Concen: 77.11 ng
RT: 13.476 min Scan# 1695
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

Tgt Ion:	172	Resp:	567452
Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.6	43.0
170	25.1	18.6	27.8

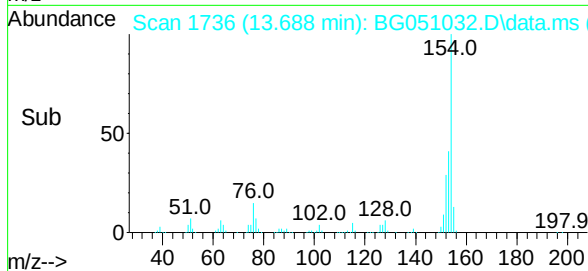
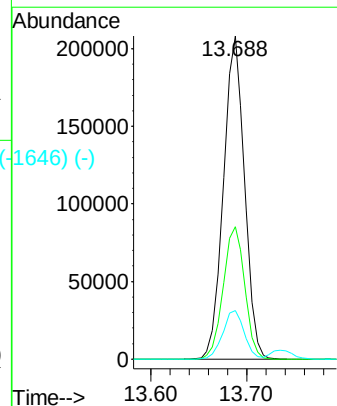
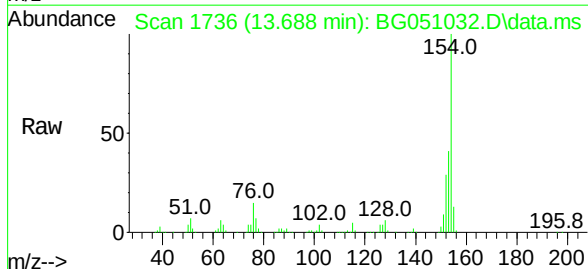


Abundance Scan 1736 (13.687 min): BG051028.D\data.ms (-1746) (-)



1,1'-Biphenyl
Concen: 39.21 ng
RT: 13.688 min Scan# 1736
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Tgt Ion:	154	Resp:	316763
Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	15.1	0.0	29.3



Abundance Scan 1744 (13.734 min): BG051028.D\data.ms (-1744) (-)

2-Chloronaphthalene

Concen: 40.09 ng

RT: 13.735 min Scan# 1744

Delta R.T. 0.001 min

Lab File: BG051032.D

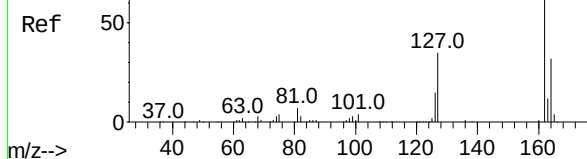
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



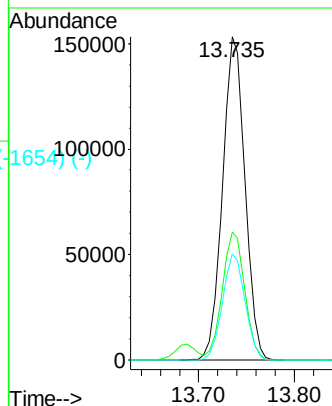
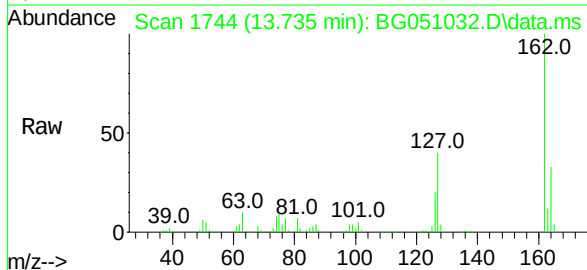
Tgt Ion:162 Resp: 248697

Ion Ratio Lower Upper

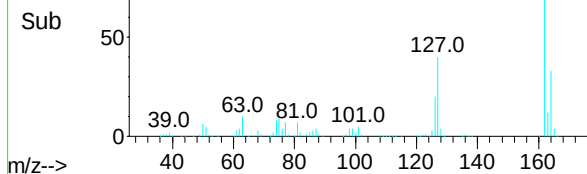
162 100

127 39.6 32.7 49.1

164 32.9 27.0 40.4



Abundance Scan 1744 (13.735 min): BG051032.D\data.ms (-1654) (-)



Abundance Scan 1779 (13.939 min): BG051028.D\data.ms (-1779) (-)

2-Nitroaniline

Concen: 40.01 ng

RT: 13.940 min Scan# 1779

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

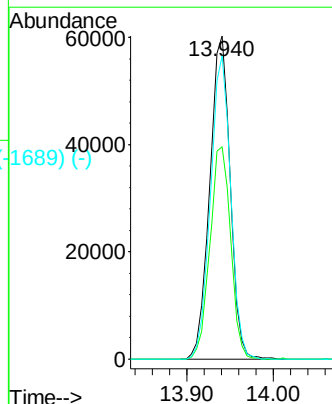
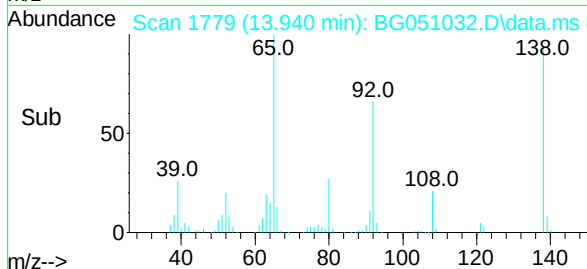
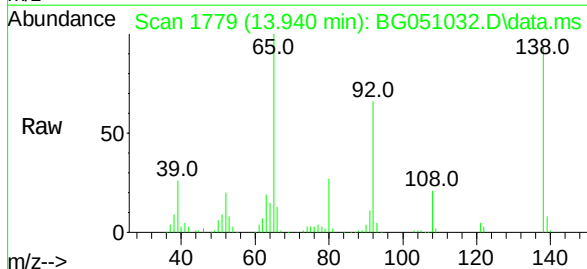
Tgt Ion: 65 Resp: 98725

Ion Ratio Lower Upper

65 100

92 65.7 47.2 70.8

138 93.8 68.0 102.0



Abundance Scan 1779 (13.940 min): BG051032.D\data.ms (-1689) (-)



Abundance Scan 1888 (14.580 min): BG051028.D\data.ms (-1749) (-)

Acenaphthylene

Concen: 39.47 ng

RT: 14.581 min Scan# 1888

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

Tgt Ion:152 Resp: 401120

Ion Ratio Lower Upper

152 100

151 21.5 18.2 27.4

153 13.7 11.7 17.5

Abundance Scan 1888 (14.581 min): BG051032.D\data.ms

Ref 50

152.0

Raw 50

50.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1888 (14.581 min): BG051032.D\data.ms (-1798) (-)

Ref 50

152.0

Sub 50

50.0 76.0 98.0 126.0

m/z-->

Abundance

14.581

200000

150000

100000

50000

0

Time-->

Abundance Scan 1840 (14.298 min): BG051028.D\data.ms (-1750) (-)

Dimethylphthalate

Concen: 41.14 ng

RT: 14.299 min Scan# 1840

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Tgt Ion:163 Resp: 344416

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.7 8.6 12.8

Abundance Scan 1840 (14.299 min): BG051032.D\data.ms

Ref 50

163.0

Raw 50

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance Scan 1840 (14.299 min): BG051032.D\data.ms (-1750) (-)

Ref 50

163.0

Sub 50

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance

14.299

200000

150000

100000

50000

0

Time-->

Abundance Scan 1862 (14.427 min): BG051028.D\data.ms (-1854) (-)

2,6-Dinitrotoluene

Concen: 43.12 ng

RT: 14.422 min Scan# 1862

Delta R.T. -0.005 min

Lab File: BG051032.D

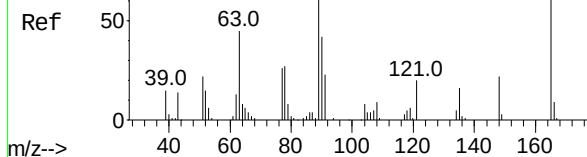
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



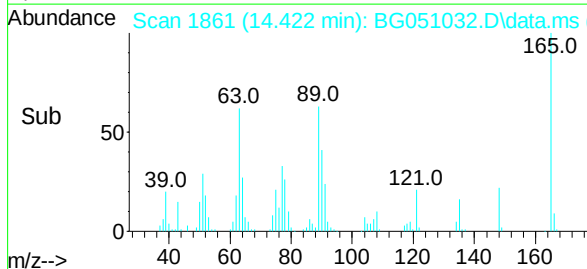
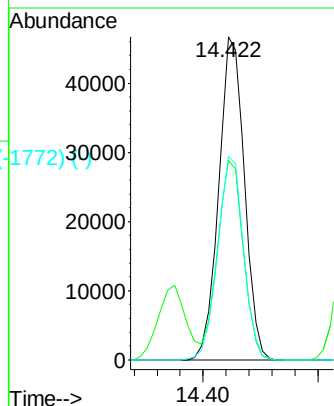
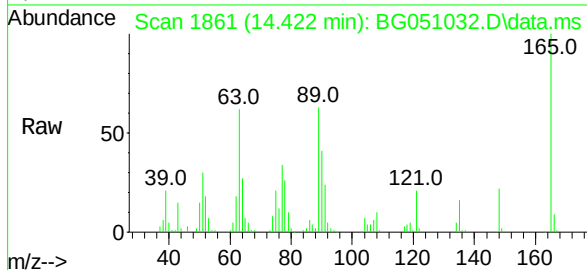
Tgt Ion:165 Resp: 72300

Ion Ratio Lower Upper

165 100

63 61.7 63.3 94.9#

89 62.9 63.4 95.0#



Abundance Scan 1945 (14.915 min): BG051028.D\data.ms (-1852) (-)

Acenaphthene

Concen: 36.23 ng

RT: 14.916 min Scan# 1945

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

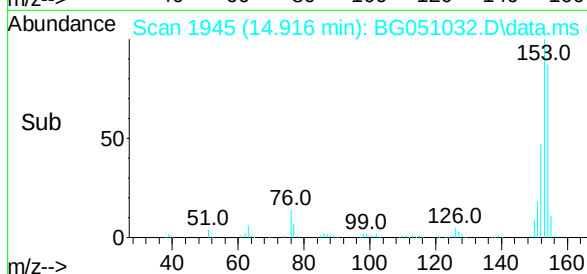
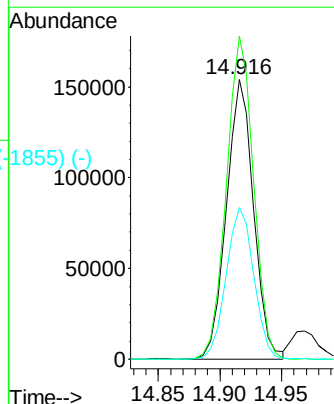
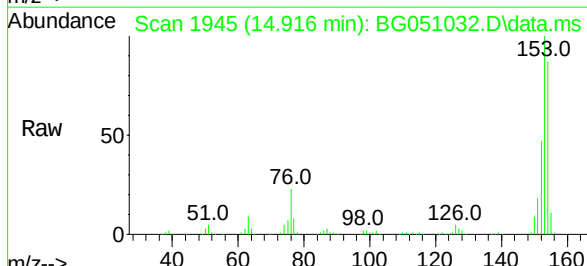
Tgt Ion:154 Resp: 236611

Ion Ratio Lower Upper

154 100

153 115.4 87.0 130.4

152 54.3 40.1 60.1



Abundance Scan 1918 (14.756 min): BG051028.D\data.ms (-1959)

3-Nitroaniline

Concen: 44.09 ng

RT: 14.757 min Scan# 1918

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

Tgt Ion:138 Resp: 87448

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

92 126.9 96.4 144.6

Abundance Scan 1918 (14.757 min): BG051032.D\data.ms

Ref

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Raw

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Sub

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance

60000

40000

20000

0

14.757

Time-->

Abundance Scan 1954 (14.968 min): BG051028.D\data.ms (-1959)

2,4-Dinitrophenol

Concen: 41.43 ng

RT: 14.969 min Scan# 1954

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Tgt Ion:184 Resp: 43092

Ion Ratio Lower Upper

184 100

63 68.7 68.3 102.5

154 57.2 62.6 93.8#

Abundance Scan 1954 (14.969 min): BG051032.D\data.ms

Ref

50

38.0 63.0 91.0 120.0 154.0 184.0 207.0

m/z-->

Raw

50

38.0 63.0 91.0 120.0 154.0 184.0 207.0

m/z-->

Sub

50

53.0 79.0 107.0 154.0 184.0 207.0

m/z-->

Abundance

150000

100000

50000

0

14.969

Time-->

Abundance Scan 2002 (15.250 min): BG051028.D\data.ms (-1955) (-)

Dibenzofuran

Concen: 39.79 ng

RT: 15.251 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

Tgt Ion:168 Resp: 401908

Ion Ratio Lower Upper

168 100

139 39.8 33.4 50.2

169 13.7 12.3 18.5

Abundance Scan 2002 (15.251 min): BG051032.D\data.ms

Ref 50

168.0

139.0

39.0 62.0 84.0 113.0

m/z-->

Abundance Scan 2002 (15.251 min): BG051032.D\data.ms

Raw 50

168.0

139.0

39.0 63.0 84.0 113.0

m/z-->

Abundance Scan 2002 (15.251 min): BG051032.D\data.ms (-1912) (-)

Sub 50

168.0

139.0

39.0 63.0 84.0 113.0

m/z-->

Abundance

250000

200000

150000

100000

50000

0

Time-->

15.20 15.30

Abundance Scan 1970 (15.062 min): BG051028.D\data.ms (-1955) (-)

4-Nitrophenol

Concen: 42.98 ng

RT: 15.057 min Scan# 1969

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Tgt Ion:139 Resp: 68564

Ion Ratio Lower Upper

139 100

109 84.1 116.3 156.3#

65 110.6 105.0 145.0

Abundance Scan 1969 (15.057 min): BG051032.D\data.ms

Ref 50

139.0

109.0

65.0

39.0

m/z-->

Abundance Scan 1969 (15.057 min): BG051032.D\data.ms

Raw 50

139.0

109.0

65.0

39.0

m/z-->

Abundance Scan 1969 (15.057 min): BG051032.D\data.ms (-1880) (-)

Sub 50

139.0

109.0

65.0

39.0

m/z-->

Abundance

40000

30000

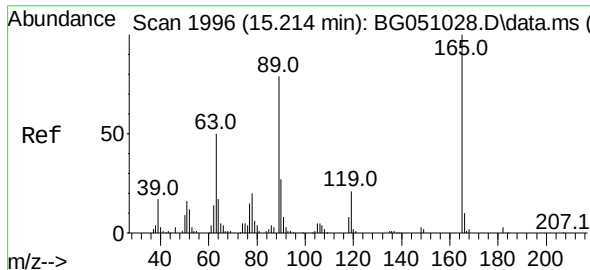
20000

10000

0

Time-->

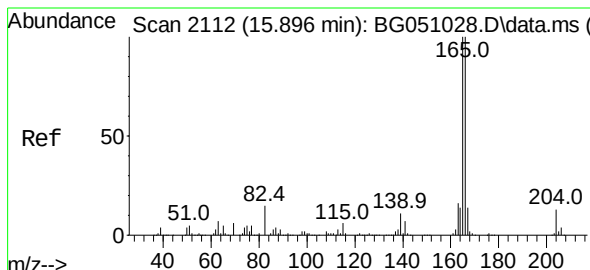
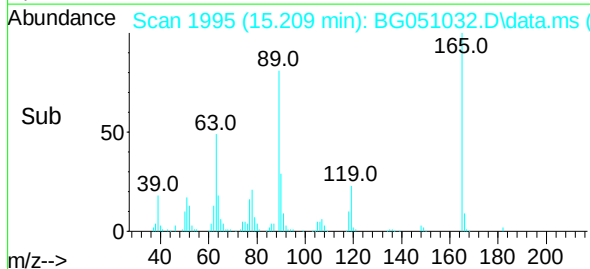
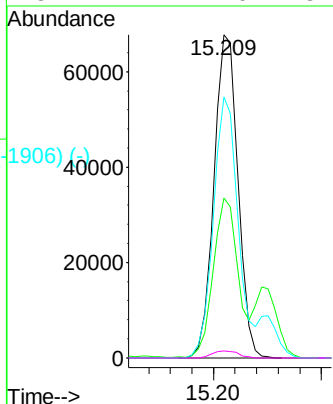
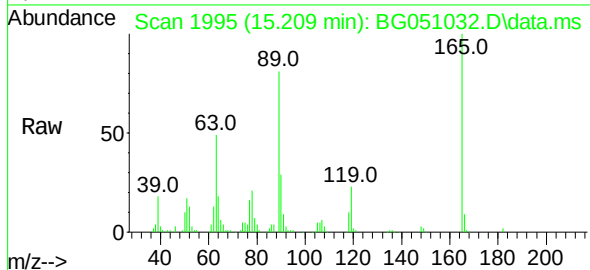
15.00 15.10



2,4-Dinitrotoluene
Concen: 44.48 ng
RT: 15.209 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

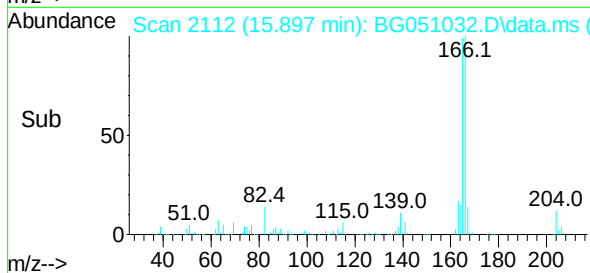
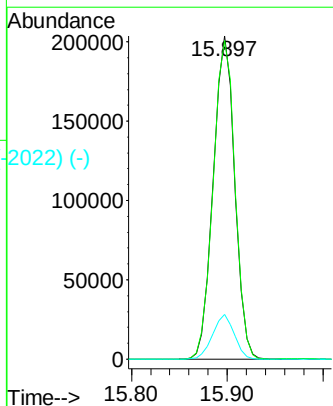
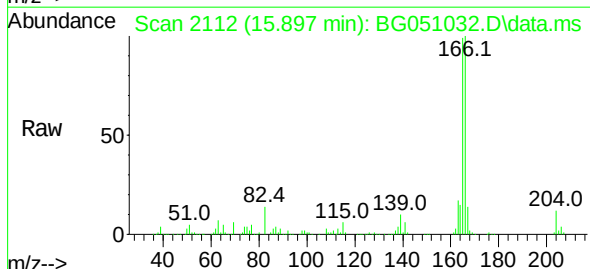
Instrument :
BNA_G
ClientSampleId :
ICVBG111321

Tgt Ion:	165	Resp:	105130
Ion	Ratio	Lower	Upper
165	100		
63	49.5	48.0	72.0
89	80.8	65.4	98.0
182	2.2	2.0	3.0



Fluorene
Concen: 40.62 ng
RT: 15.897 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Tgt Ion:	166	Resp:	315182
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.7	116.5
167	13.9	10.8	16.2



Abundance Scan 2040 (15.473 min): BG051028.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol

Concen: 41.49 ng

RT: 15.474 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051032.D

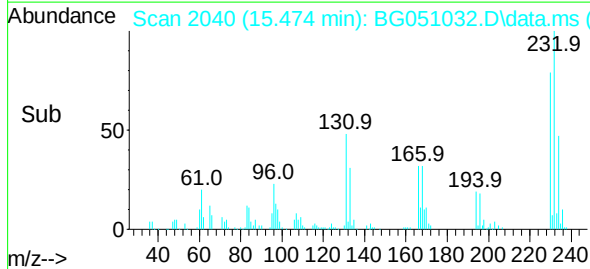
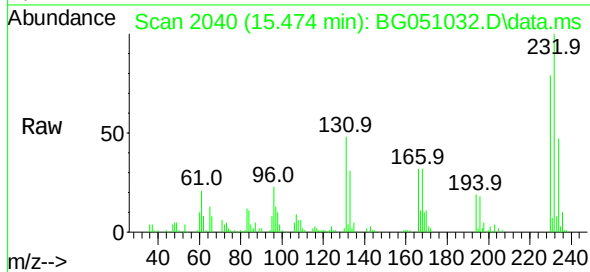
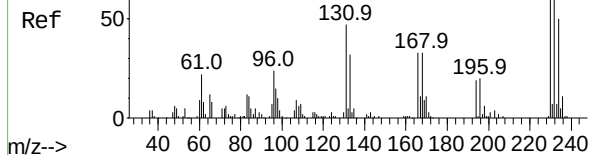
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



Tgt Ion:232 Resp: 87079

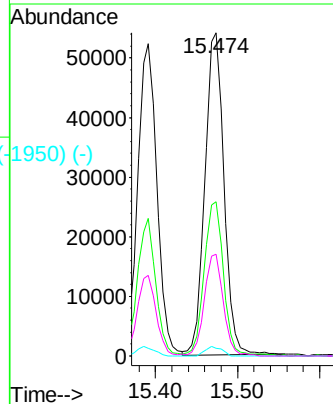
Ion Ratio Lower Upper

232 100

131 48.7 37.2 55.8

130 2.5 2.8 4.2#

166 31.5 24.0 36.0



Abundance Scan 2070 (15.649 min): BG051028.D\data.ms (-2060) (-)

Diethylphthalate

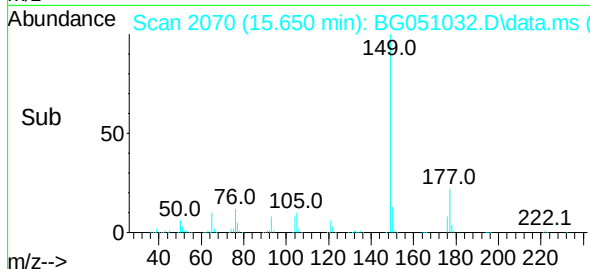
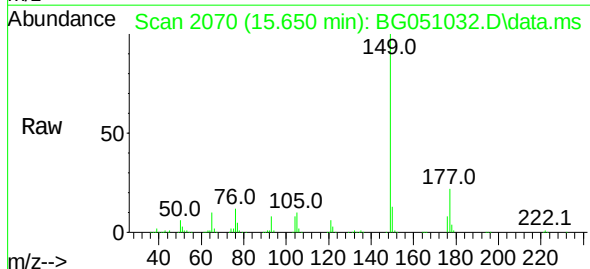
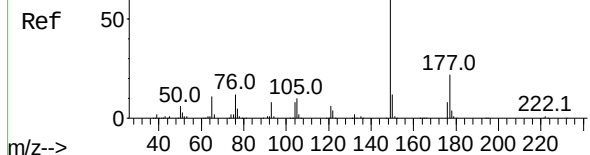
Concen: 41.82 ng

RT: 15.650 min Scan# 2070

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52



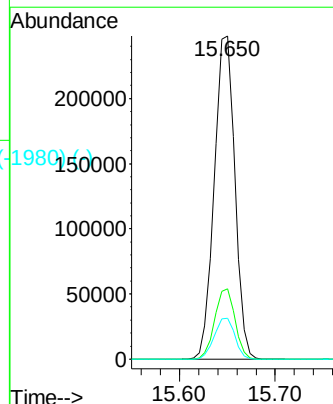
Tgt Ion:149 Resp: 367866

Ion Ratio Lower Upper

149 100

177 21.8 19.0 28.6

150 12.7 10.2 15.4



Abundance Scan 2109 (15.878 min): BG051028.D\data.ms (-2109) (-)

4-Chlorophenyl-phenylether

Concen: 40.22 ng

RT: 15.879 min Scan# 2109

Delta R.T. 0.001 min

Lab File: BG051032.D

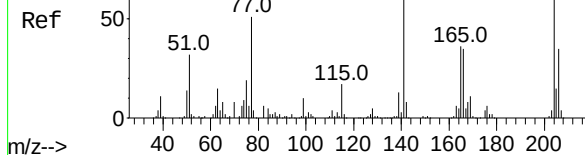
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



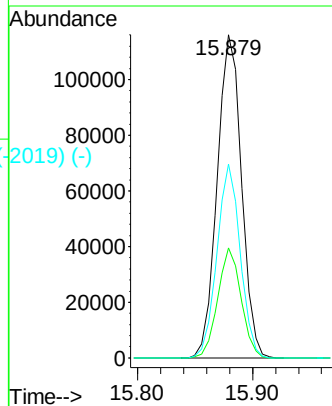
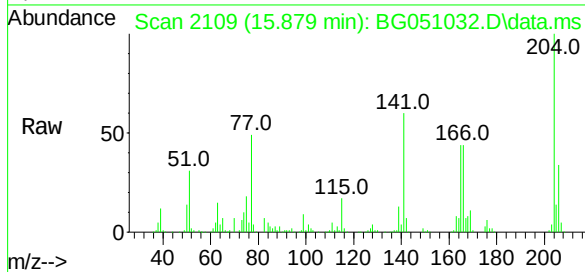
Tgt Ion:204 Resp: 170741

Ion Ratio Lower Upper

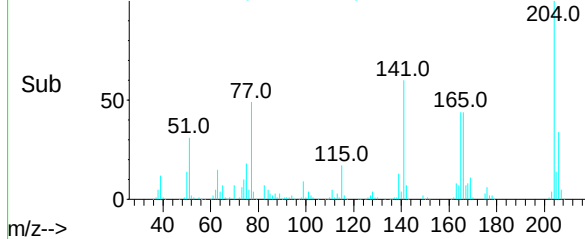
204 100

206 34.1 24.6 37.0

141 60.1 47.8 71.8



Abundance Scan 2109 (15.879 min): BG051032.D\data.ms (-2109) (-)



Abundance Scan 2116 (15.919 min): BG051028.D\data.ms (-2116) (-)

4-Nitroaniline

Concen: 45.36 ng

RT: 15.920 min Scan# 2116

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

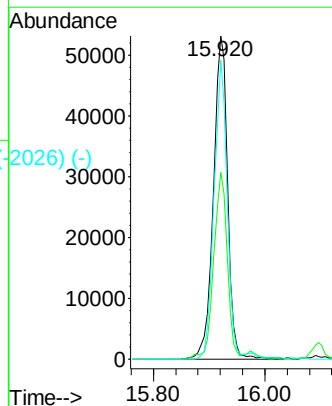
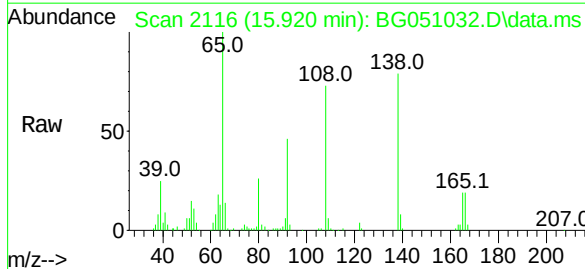
Tgt Ion:138 Resp: 93607

Ion Ratio Lower Upper

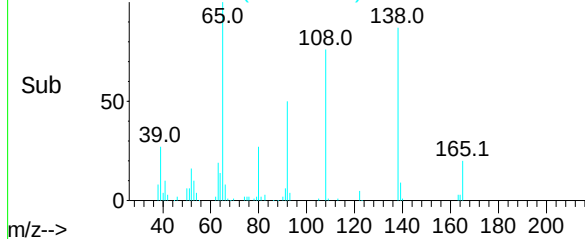
138 100

92 57.8 32.3 72.3

108 92.5 132.4 172.4#



Abundance Scan 2116 (15.920 min): BG051032.D\data.ms (-2116) (-)



Abundance Scan 2159 (16.172 min): BG051028.D\data.ms (-2159) (-)

Azobenzene

Concen: 37.57 ng

RT: 16.173 min Scan# 2159

Delta R.T. 0.001 min

Lab File: BG051032.D

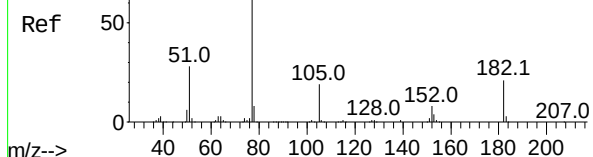
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



Tgt Ion: 77 Resp: 382567

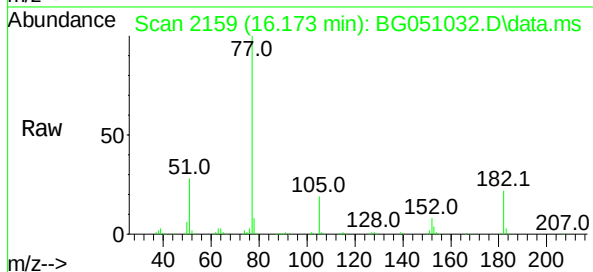
Ion Ratio Lower Upper

77 100

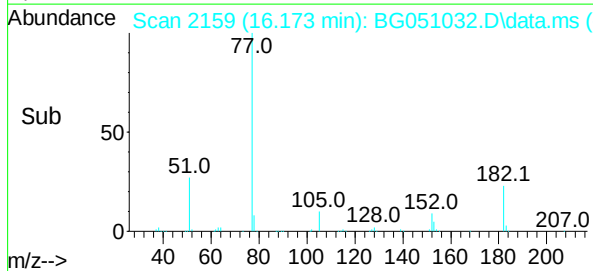
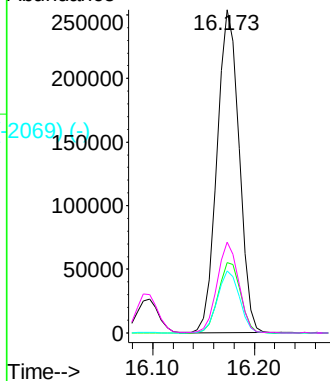
182 21.7 7.9 47.9

105 19.3 0.0 37.9

51 28.1 27.3 67.3



Abundance



Abundance Scan 2402 (17.600 min): BG051028.D\data.ms (-2402) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.601 min Scan# 2402

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

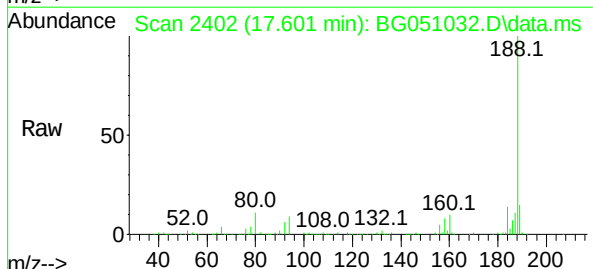
Tgt Ion: 188 Resp: 257919

Ion Ratio Lower Upper

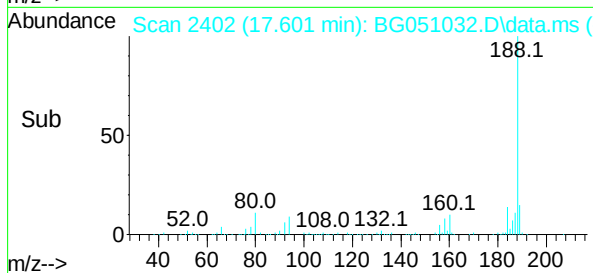
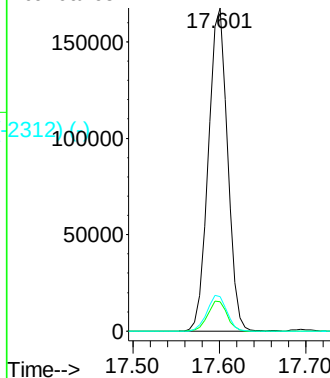
188 100

94 9.1 5.4 8.0#

80 10.8 3.7 5.5#



Abundance



Abundance Scan 2125 (15.972 min): BG051028.D\data.ms (-2165) (-)

4,6-Dinitro-2-methylphenol

Concen: 43.49 ng

RT: 15.979 min Scan# 2125

Delta R.T. 0.007 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

Tgt Ion:198 Resp: 67377

Ion Ratio Lower Upper

198 100

51 44.6 29.4 69.4

105 40.8 15.1 55.1

Abundance Scan 2126 (15.979 min): BG051032.D\data.ms

Ref 50 198.0

51.0 77.0 105.0 134.0 168.0

m/z-->

Abundance Scan 2126 (15.979 min): BG051032.D\data.ms

Raw 50 198.0

51.0 77.0 121.0 168.0

m/z-->

Abundance Scan 2126 (15.979 min): BG051032.D\data.ms (-2035) (-)

Sub 50 198.0

51.0 77.0 105.0 134.0 167.9

m/z-->

Abundance

40000 15.979

30000

20000

10000

0

Time-->

Abundance Scan 2146 (16.096 min): BG051028.D\data.ms (-2166) (-)

n-Nitrosodiphenylamine

Concen: 39.53 ng

RT: 16.097 min Scan# 2146

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Tgt Ion:169 Resp: 289726

Ion Ratio Lower Upper

169 100

168 71.2 56.3 84.5

167 39.2 28.4 42.6

Abundance Scan 2146 (16.097 min): BG051032.D\data.ms

Ref 50 169.1

51.0 77.0 115.0 141.0 207.0

m/z-->

Abundance Scan 2146 (16.097 min): BG051032.D\data.ms

Raw 50 169.1

51.0 77.0 115.0 141.0 207.0

m/z-->

Abundance Scan 2146 (16.097 min): BG051032.D\data.ms (-2056) (-)

Sub 50 169.1

51.0 83.5 115.0 141.0 207.0

m/z-->

Abundance

150000 16.097

100000

50000

0

Time-->

Abundance Scan 2262 (16.777 min): BG051028.D\data.ms (-2262) (-)

4-Bromophenyl-phenylether

Concen: 40.73 ng

RT: 16.778 min Scan# 2262

Delta R.T. 0.001 min

Lab File: BG051032.D

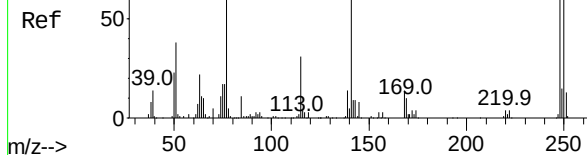
Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321



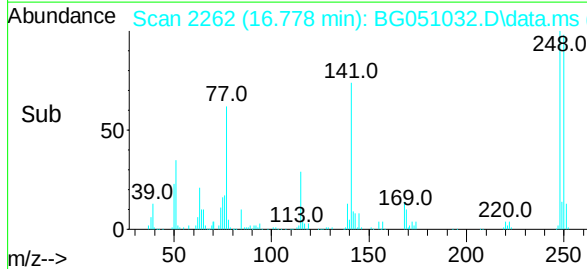
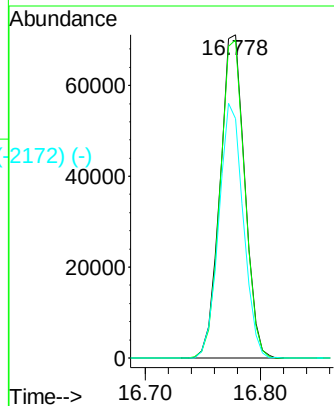
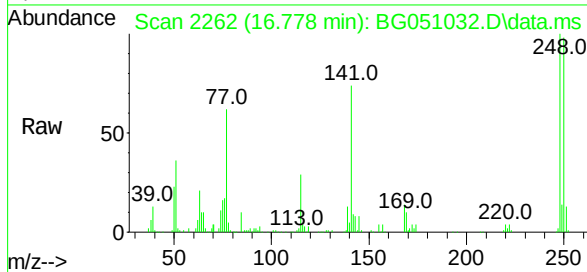
Tgt Ion:248 Resp: 105867

Ion Ratio Lower Upper

248 100

250 98.4 76.1 114.1

141 74.1 65.4 98.2



Abundance Scan 2282 (16.896 min): BG051028.D\data.ms (-2282) (-)

Hexachlorobenzene

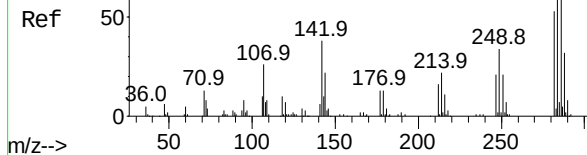
Concen: 40.80 ng

RT: 16.896 min Scan# 2282

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52



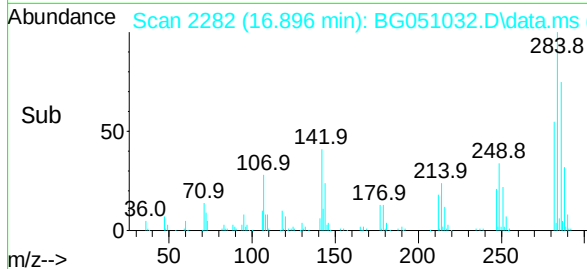
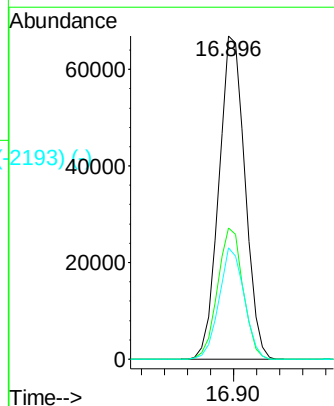
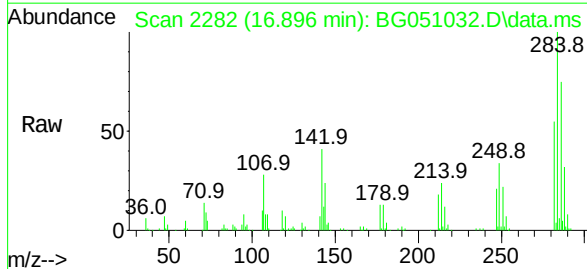
Tgt Ion:284 Resp: 105382

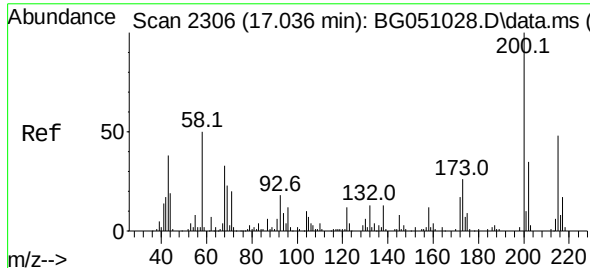
Ion Ratio Lower Upper

284 100

142 40.6 27.0 40.6#

249 34.5 28.2 42.2





Atrazine

Concen: 26.87 ng

RT: 17.037 min Scan# 2306

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

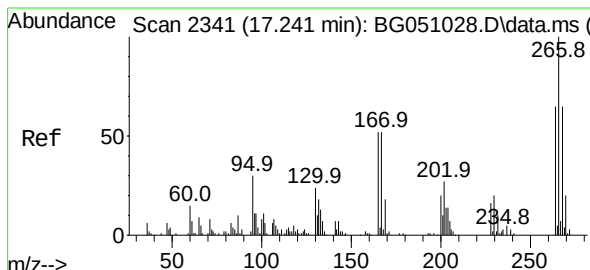
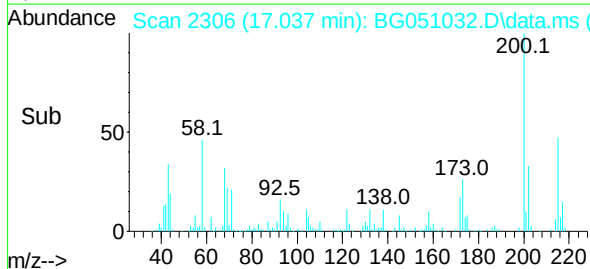
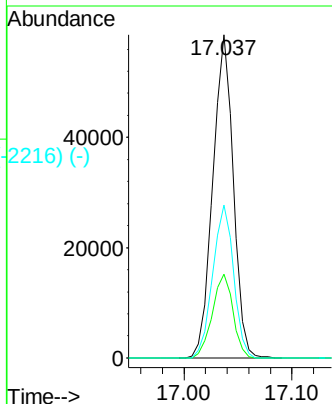
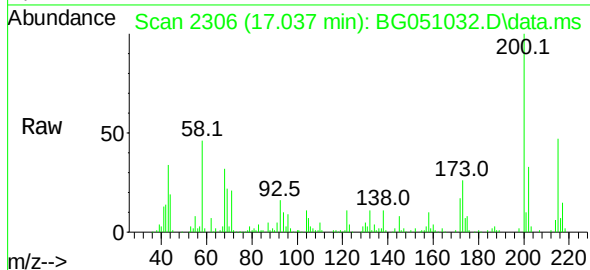
Tgt Ion:200 Resp: 77575

Ion Ratio Lower Upper

200 100

173 25.9 3.7 43.7

215 47.3 26.9 66.9



Pentachlorophenol

Concen: 37.51 ng

RT: 17.242 min Scan# 2341

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

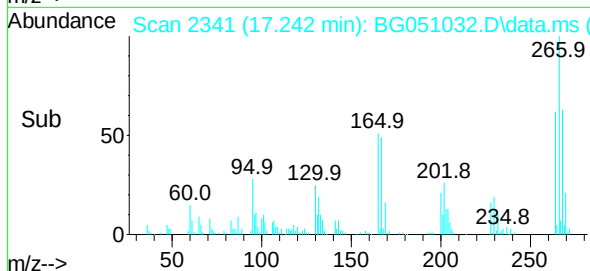
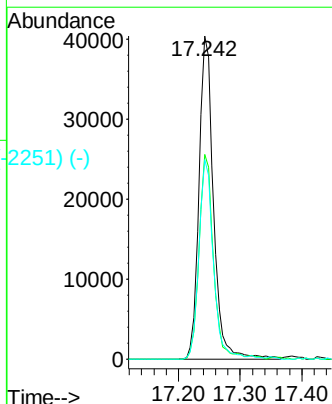
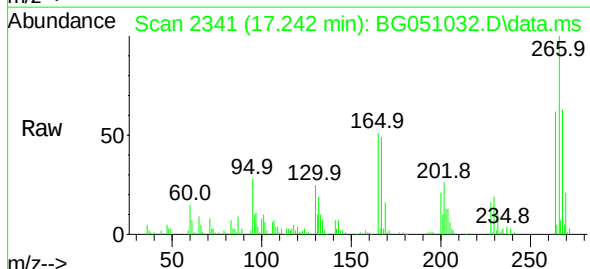
Tgt Ion:266 Resp: 65967

Ion Ratio Lower Upper

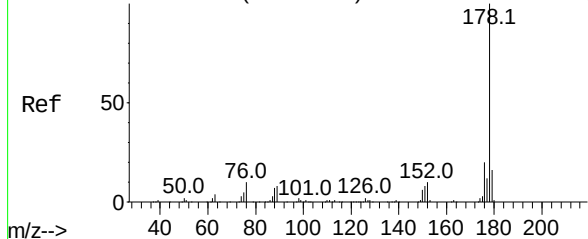
266 100

268 63.4 49.0 73.4

264 61.8 49.0 73.6



Abundance Scan 2409 (17.641 min): BG051028.D\data.ms (-2470) (-)



Phenanthrene

Concen: 40.08 ng

RT: 17.642 min Scan# 2409

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

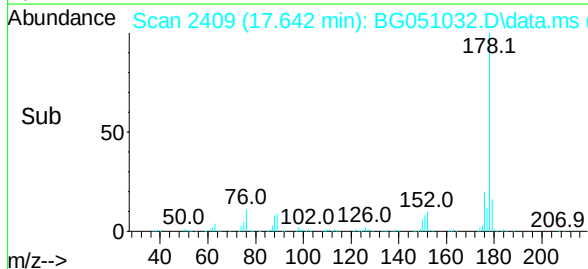
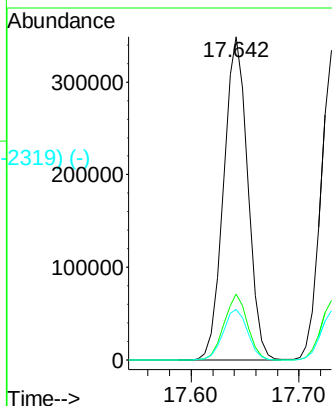
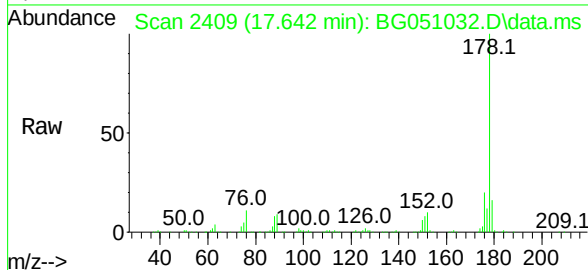
Tgt Ion:178 Resp: 544688

Ion Ratio Lower Upper

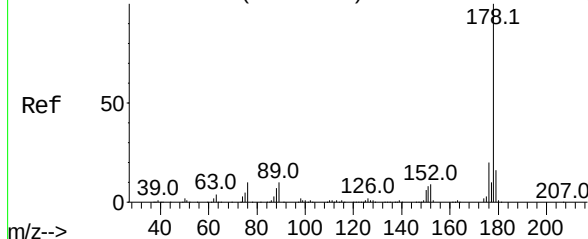
178 100

176 20.4 16.0 24.0

179 15.7 14.2 21.4



Abundance Scan 2424 (17.729 min): BG051028.D\data.ms (-2472) (-)



Anthracene

Concen: 39.97 ng

RT: 17.730 min Scan# 2424

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

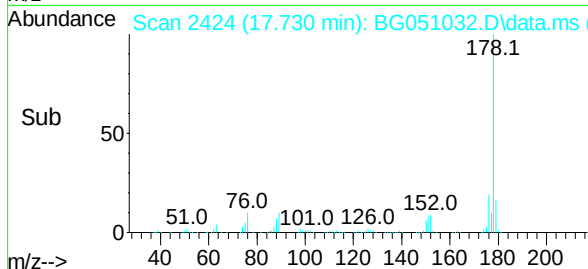
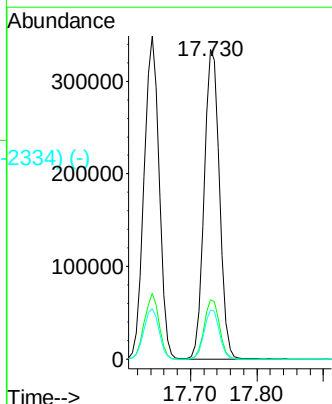
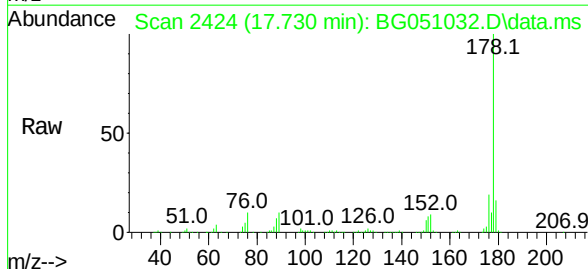
Tgt Ion:178 Resp: 539839

Ion Ratio Lower Upper

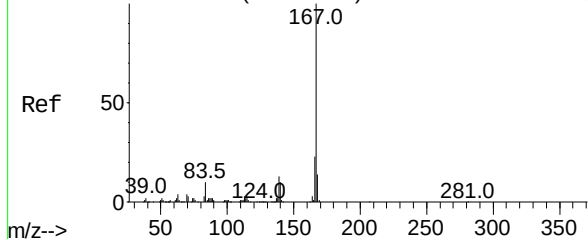
178 100

176 19.3 14.6 21.8

179 15.9 13.4 20.0



Abundance Scan 2470 (17.999 min): BG051028.D\data.ms (-2472) (-)



Carbazole

Concen: 40.51 ng

RT: 18.000 min Scan# 2470

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

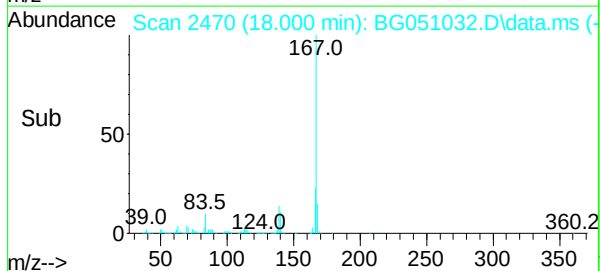
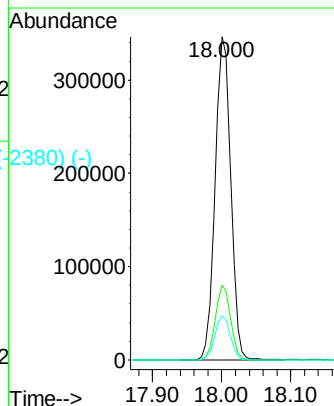
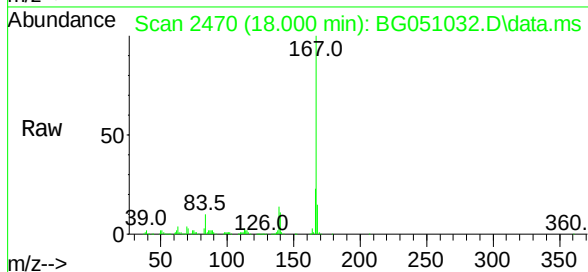
Tgt Ion:167 Resp: 545312

Ion Ratio Lower Upper

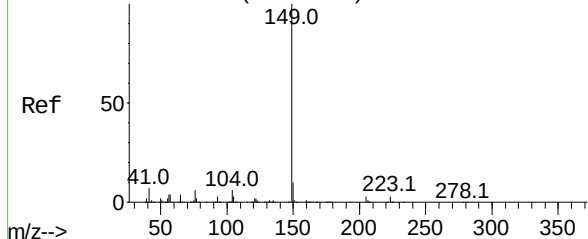
167 100

166 23.1 17.4 26.2

139 13.7 10.7 16.1



Abundance Scan 2561 (18.534 min): BG051028.D\data.ms (-2574) (-)



Di-n-butylphthalate

Concen: 41.57 ng

RT: 18.529 min Scan# 2560

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

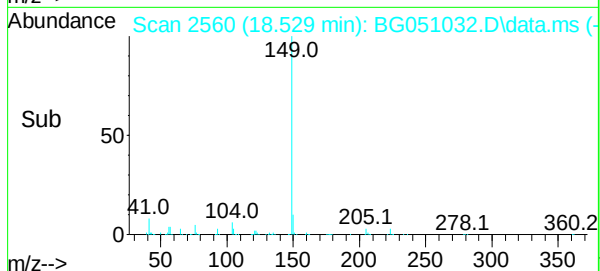
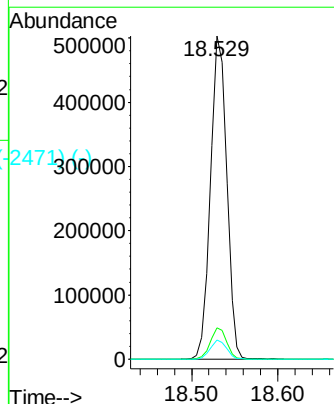
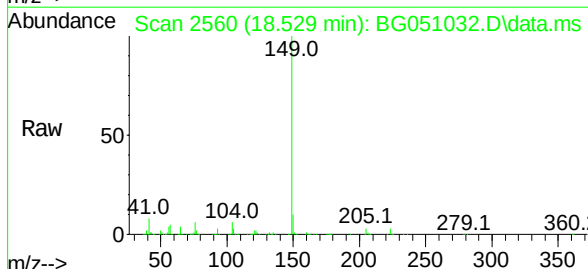
Tgt Ion:149 Resp: 656626

Ion Ratio Lower Upper

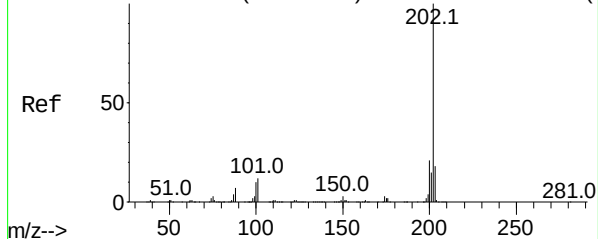
149 100

150 9.7 7.5 11.3

104 5.9 6.6 10.0#



Abundance Scan 2749 (19.639 min): BG051028.D\data.ms (-275) (-)



Fluoranthene

Concen: 39.61 ng

RT: 19.640 min Scan# 2749

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

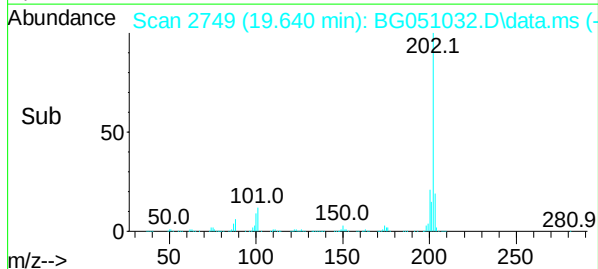
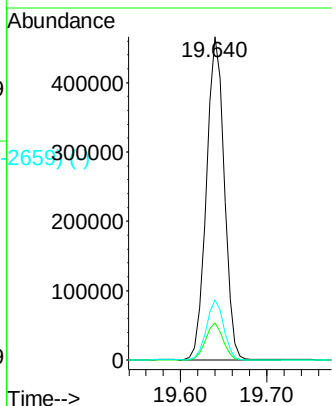
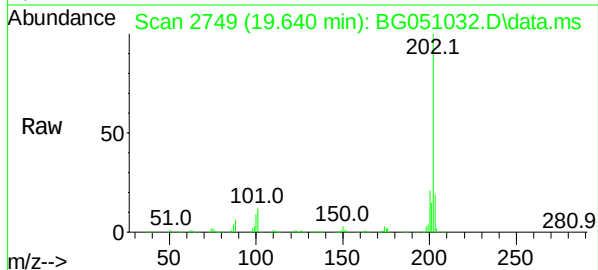
Tgt Ion:202 Resp: 661847

Ion Ratio Lower Upper

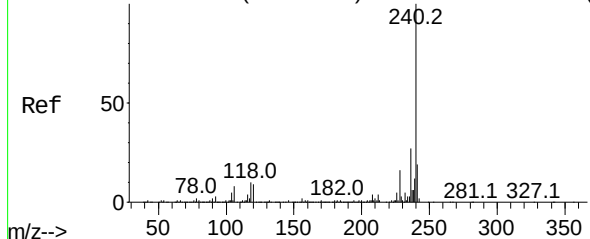
202 100

101 11.5 0.0 24.7

203 18.6 0.0 38.5



Abundance Scan 3134 (21.901 min): BG051028.D\data.ms (-3175) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.902 min Scan# 3134

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

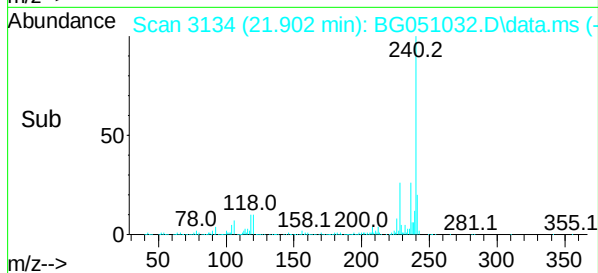
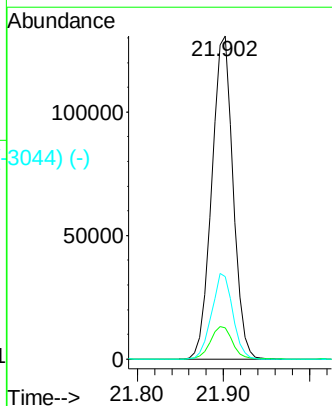
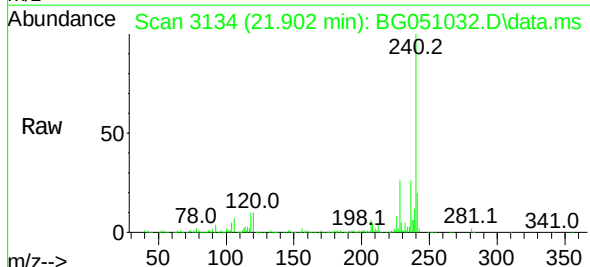
Tgt Ion:240 Resp: 224927

Ion Ratio Lower Upper

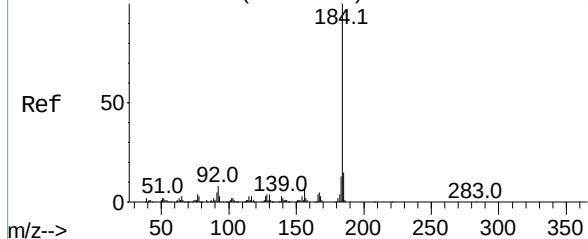
240 100

120 9.8 4.2 6.2#

236 25.5 21.8 32.6



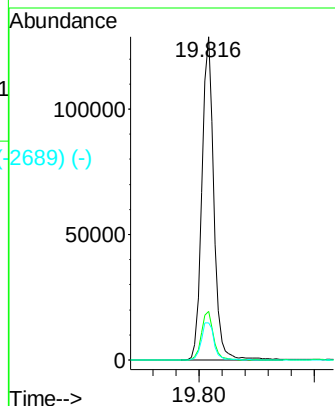
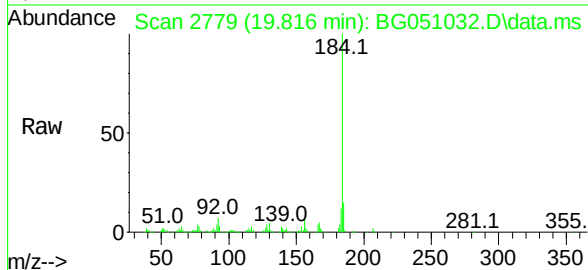
Abundance Scan 2779 (19.815 min): BG051028.D\data.ms (-2777) (-)



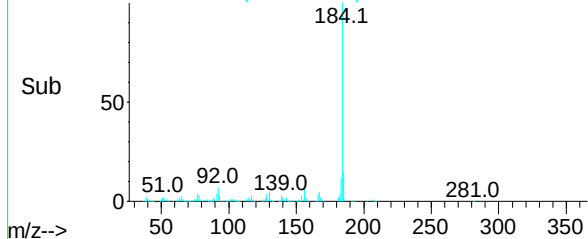
Benzidine
Concen: 25.37 ng
RT: 19.816 min Scan# 2779
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

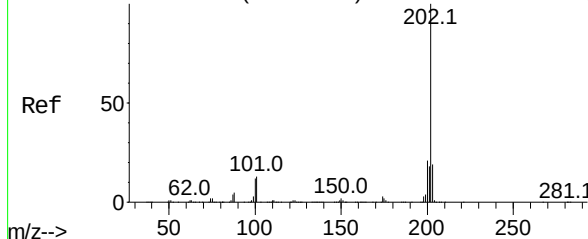
Tgt Ion:184 Resp: 184963
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 11.5 9.4 14.0



Abundance Scan 2779 (19.816 min): BG051032.D\data.ms (-2689) (-)

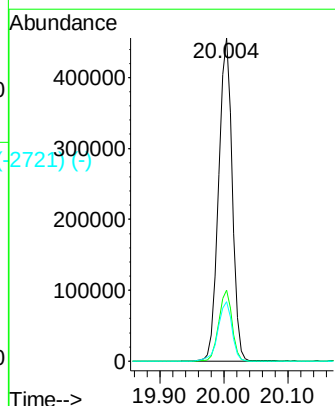
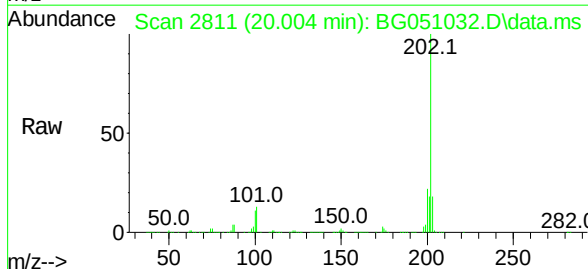


Abundance Scan 2811 (20.003 min): BG051028.D\data.ms (-2778) (-)

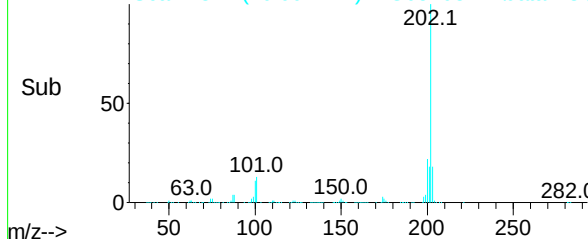


Pyrene
Concen: 42.18 ng
RT: 20.004 min Scan# 2811
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

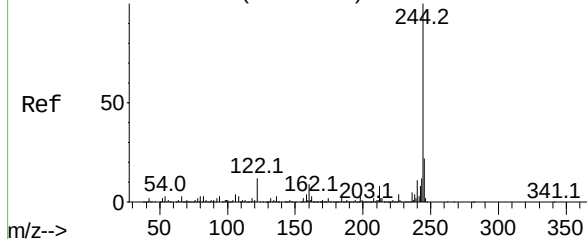
Tgt Ion:202 Resp: 673116
Ion Ratio Lower Upper
202 100
200 21.9 15.8 23.8
203 18.4 14.6 21.8



Abundance Scan 2811 (20.004 min): BG051032.D\data.ms (-2721) (-)



Abundance Scan 2842 (20.185 min): BG051028.D\data.ms (-2752) (-)



Terphenyl-d14

Concen: 84.55 ng

RT: 20.186 min Scan# 2842

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

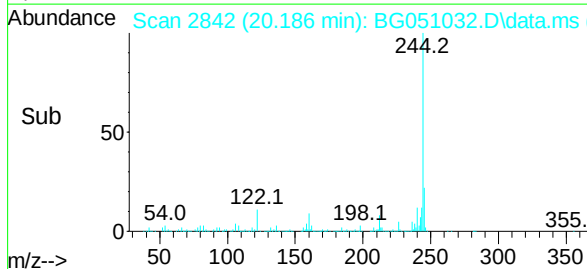
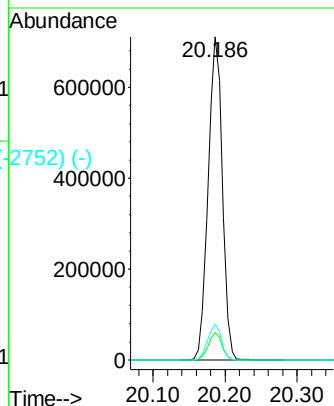
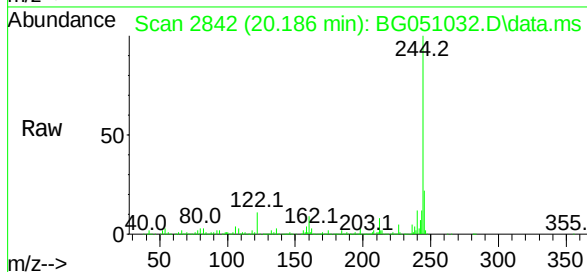
Tgt Ion:244 Resp: 975855

Ion Ratio Lower Upper

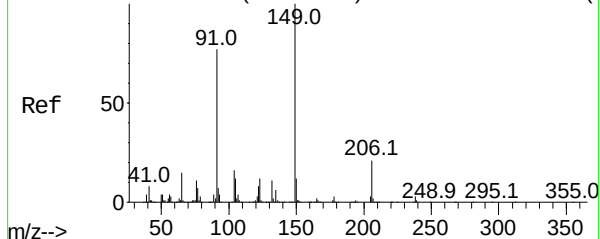
244 100

212 8.5 6.9 10.3

122 11.0 5.0 7.6#



Abundance Scan 2958 (20.867 min): BG051028.D\data.ms (-2930) (-)



Butylbenzylphthalate

Concen: 43.31 ng

RT: 20.868 min Scan# 2958

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

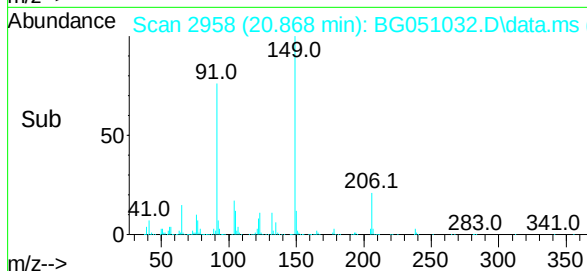
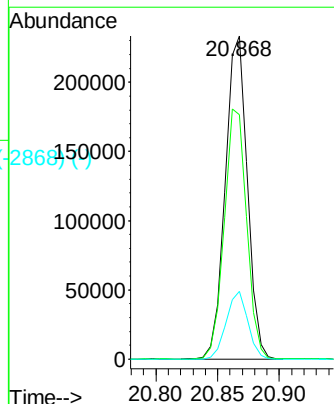
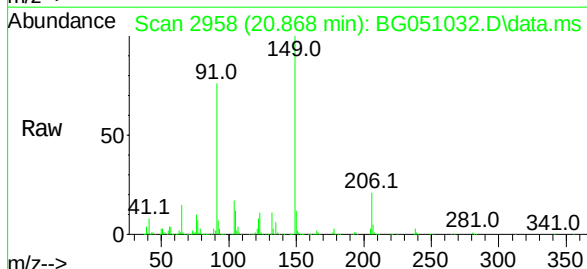
Tgt Ion:149 Resp: 292370

Ion Ratio Lower Upper

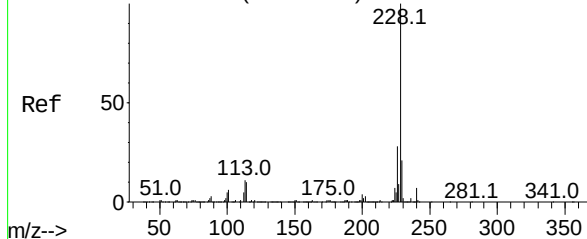
149 100

91 75.6 63.4 95.2

206 20.9 18.4 27.6



Abundance Scan 3130 (21.877 min): BG051028.D\data.ms (-3120) (-)



Benzo(a)anthracene

Concen: 41.57 ng

RT: 21.878 min Scan# 3130

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

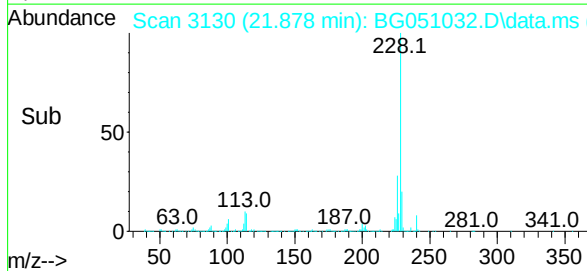
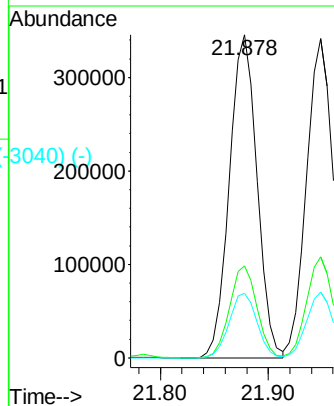
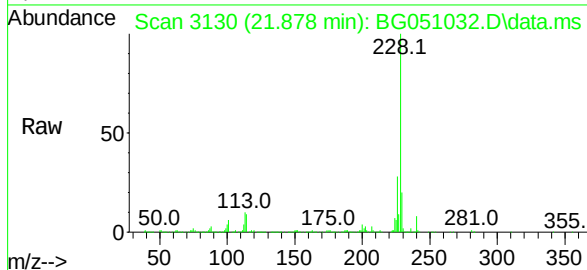
Tgt Ion:228 Resp: 618722

Ion Ratio Lower Upper

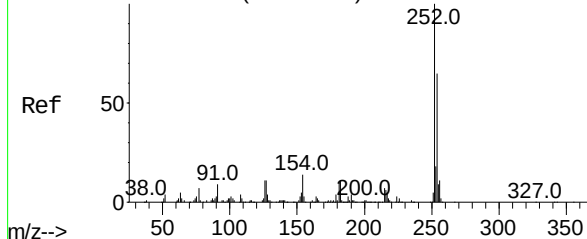
228 100

226 28.5 22.7 34.1

229 20.1 16.0 24.0



Abundance Scan 3114 (21.783 min): BG051028.D\data.ms (-3102) (-)



3,3'-Dichlorobenzidine

Concen: 57.86 ng

RT: 21.784 min Scan# 3114

Delta R.T. 0.001 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

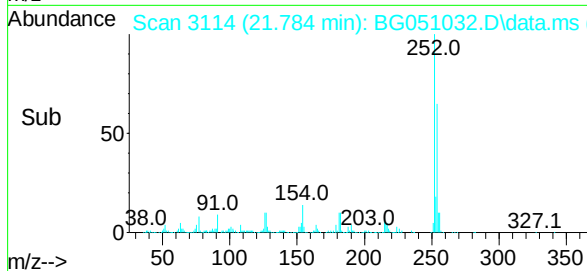
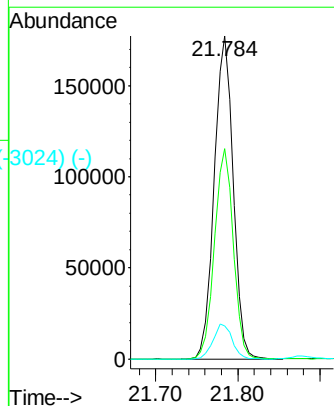
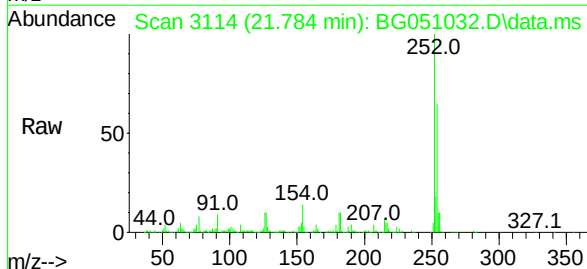
Tgt Ion:252 Resp: 285410

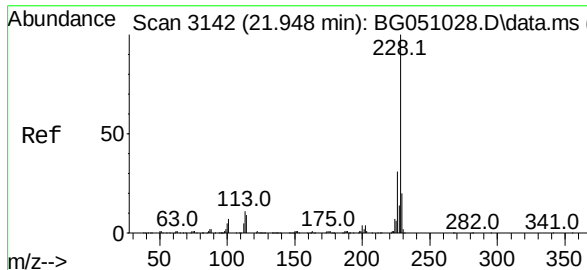
Ion Ratio Lower Upper

252 100

254 65.1 52.4 78.6

126 10.2 5.9 8.9#

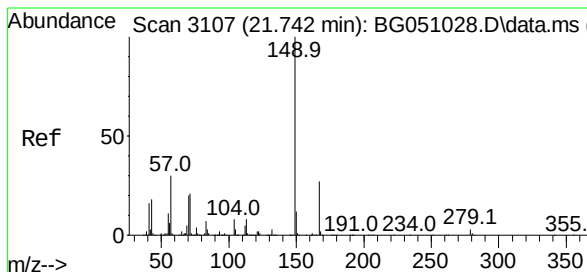
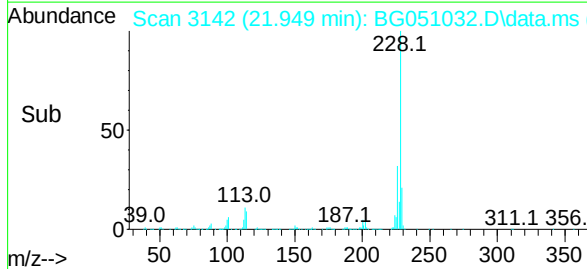
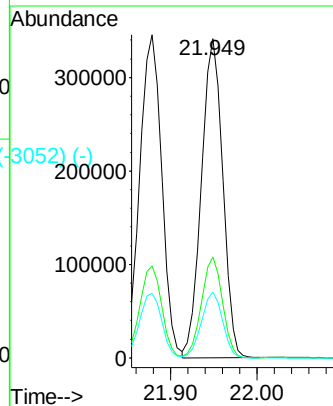
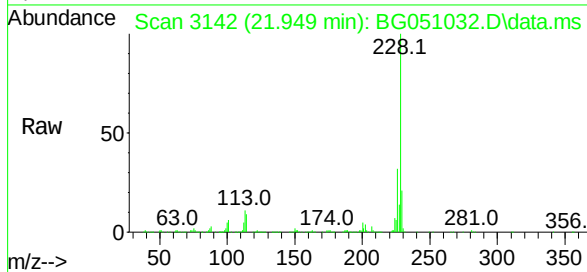




Chrysene
Concen: 41.56 ng
RT: 21.949 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

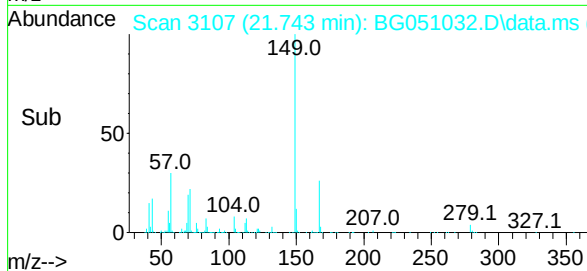
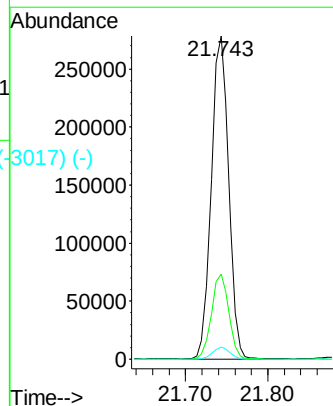
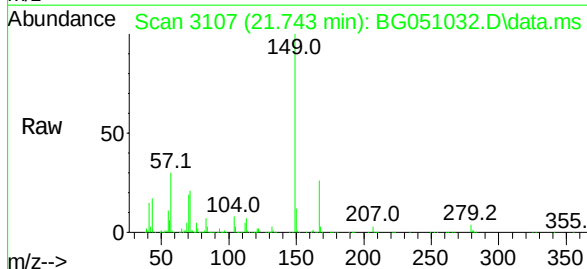
Instrument :
BNA_G
ClientSampleId :
ICVBG111321

Tgt Ion:228 Resp: 581782
Ion Ratio Lower Upper
228 100
226 31.6 23.1 34.7
229 20.7 15.3 22.9

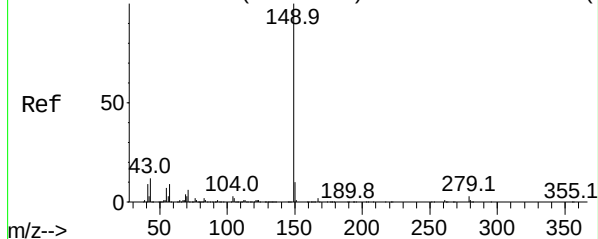


Bis(2-ethylhexyl)phthalate
Concen: 42.59 ng
RT: 21.743 min Scan# 3107
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Tgt Ion:149 Resp: 408502
Ion Ratio Lower Upper
149 100
167 26.3 22.3 33.5
279 3.7 3.8 5.8#



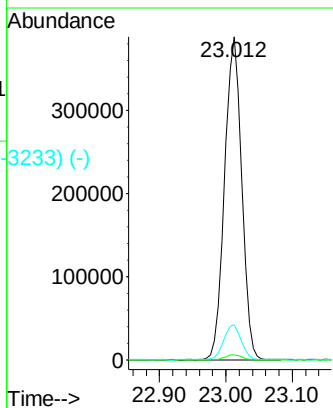
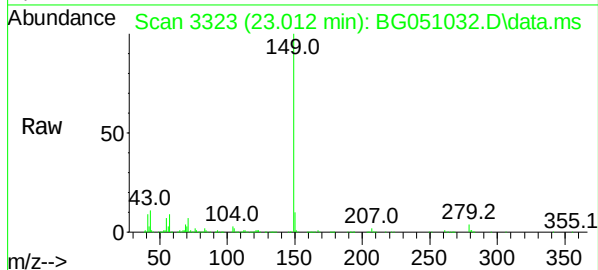
Abundance Scan 3323 (23.011 min): BG051028.D\data.ms (-3323) (-)



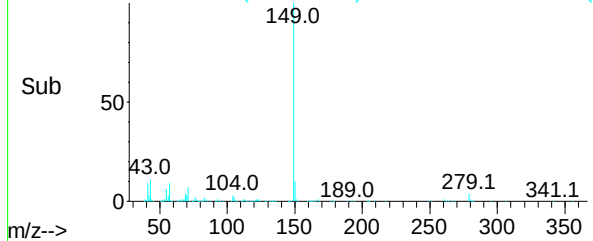
Di-n-octyl phthalate
Concen: 43.04 ng
RT: 23.012 min Scan# 3323
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

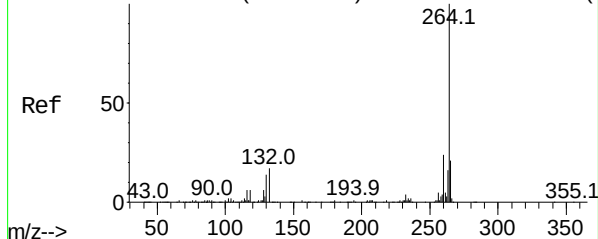
Tgt Ion:	149	Resp:	688526
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	11.0	8.6	12.8



Abundance Scan 3323 (23.012 min): BG051032.D\data.ms (-3323) (-)

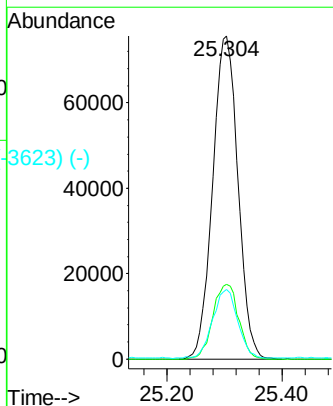
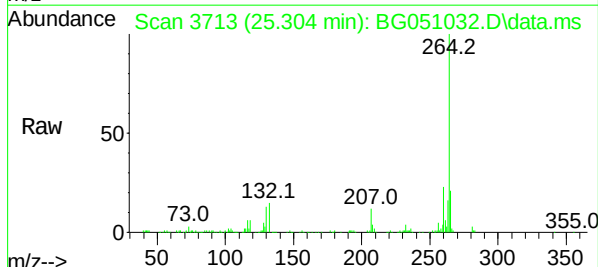


Abundance Scan 3713 (25.303 min): BG051028.D\data.ms (-3713) (-)

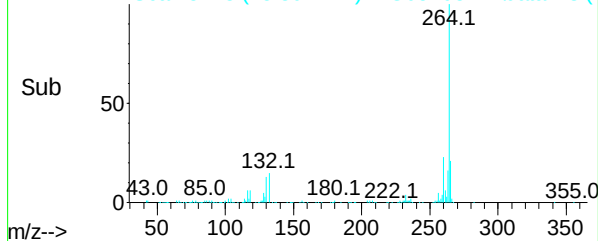


Perylene-d12
Concen: 20.00 ng
RT: 25.304 min Scan# 3713
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

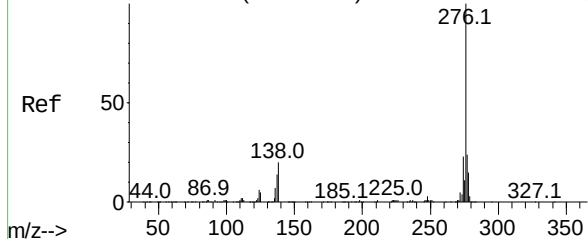
Tgt Ion:	264	Resp:	230236
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.5	16.9	25.3



Abundance Scan 3713 (25.304 min): BG051032.D\data.ms (-3623) (-)



Abundance Scan 4380 (29.222 min): BG051028.D\data.ms (-4387) (-)



Indeno(1,2,3-cd)pyrene

Concen: 40.78 ng

RT: 29.228 min Scan# 4387

Delta R.T. 0.007 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG111321

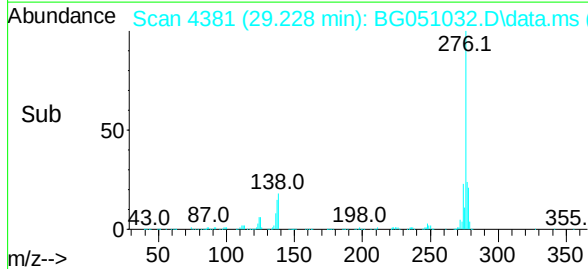
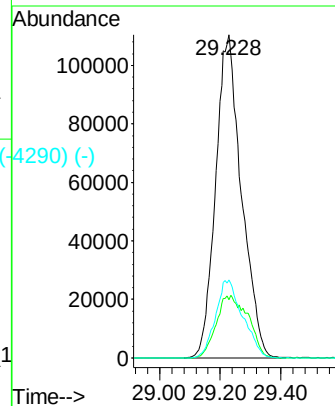
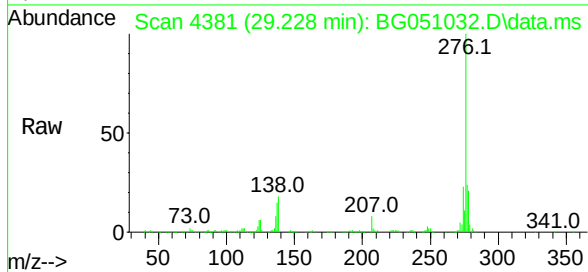
Tgt Ion:276 Resp: 653991

Ion Ratio Lower Upper

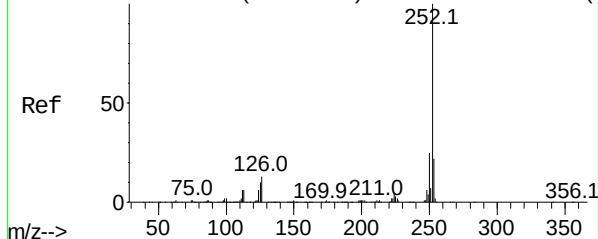
276 100

138 10.0 5.1 7.7#

277 25.3 19.8 29.6



Abundance Scan 3528 (24.216 min): BG051028.D\data.ms (-3528) (-)



Benzo(b)fluoranthene

Concen: 40.95 ng

RT: 24.211 min Scan# 3527

Delta R.T. -0.005 min

Lab File: BG051032.D

Acq: 13 Nov 2021 20:52

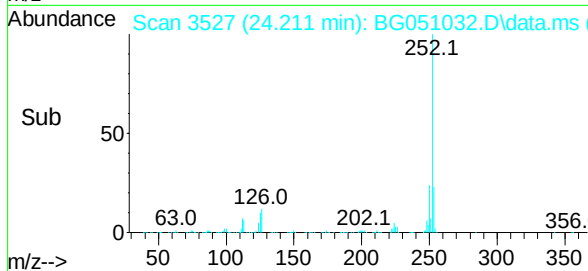
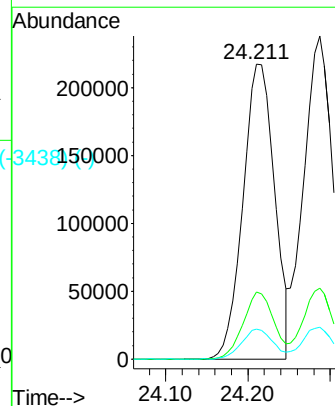
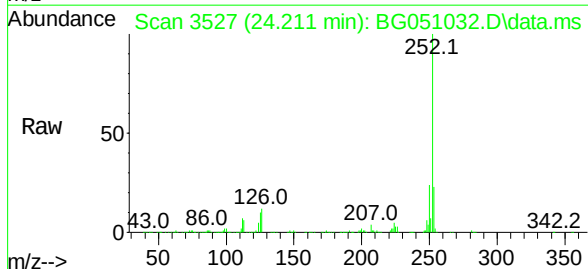
Tgt Ion:252 Resp: 577453

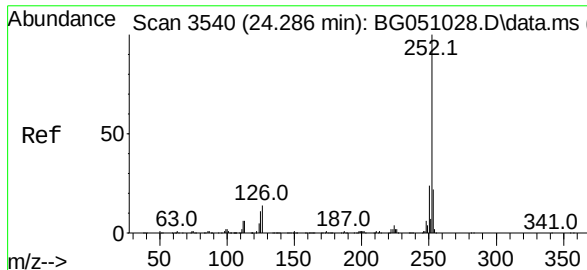
Ion Ratio Lower Upper

252 100

253 22.7 16.2 24.4

125 10.2 3.0 4.4#

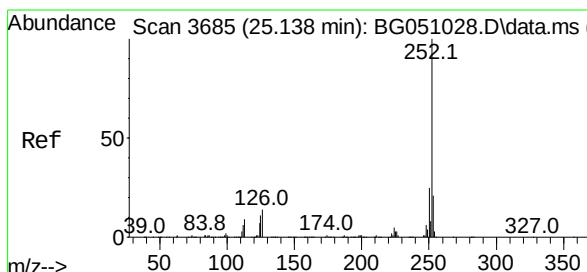
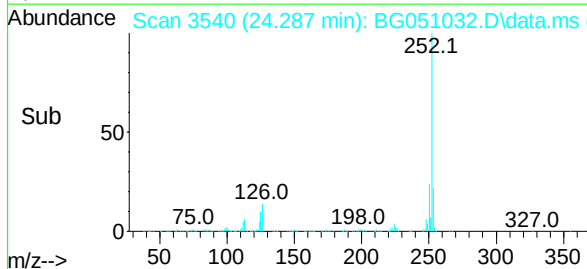
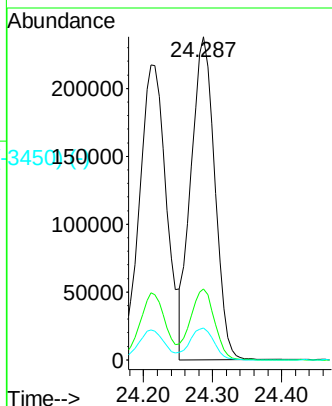
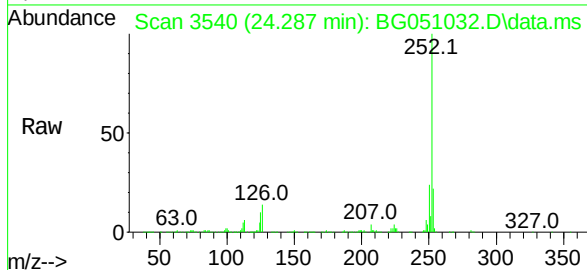




Benzo(k)fluoranthene
 Concen: 40.98 ng
 RT: 24.287 min Scan# 3539
 Delta R.T. 0.001 min
 Lab File: BG051032.D
 Acq: 13 Nov 2021 20:52

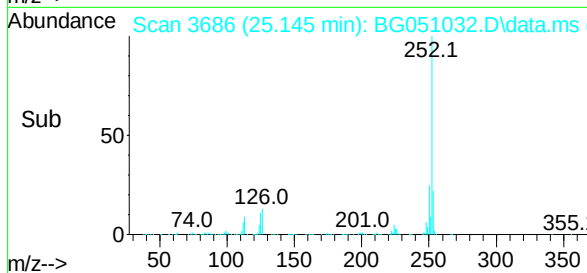
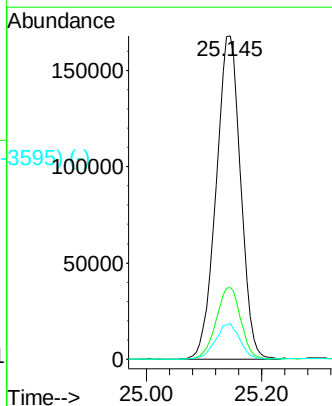
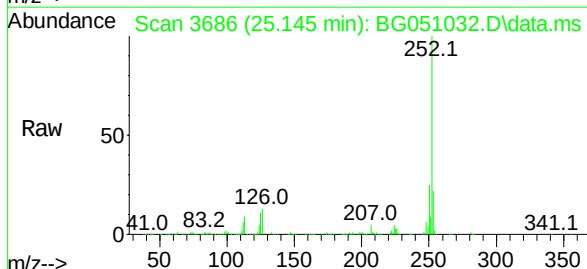
Instrument :
 BNA_G
 ClientSampleId :
 CVBG111321

Tgt Ion:252 Resp: 568513
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 9.8 3.1 4.7#

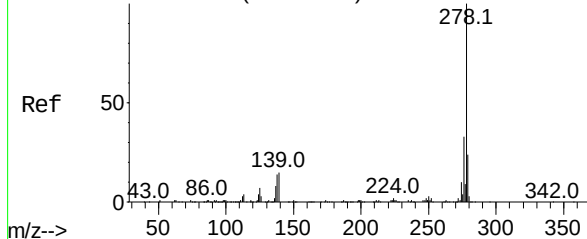


Benzo(a)pyrene
 Concen: 41.33 ng
 RT: 25.145 min Scan# 3686
 Delta R.T. 0.007 min
 Lab File: BG051032.D
 Acq: 13 Nov 2021 20:52

Tgt Ion:252 Resp: 495547
 Ion Ratio Lower Upper
 252 100
 253 22.2 16.6 25.0
 125 11.2 3.5 5.3#



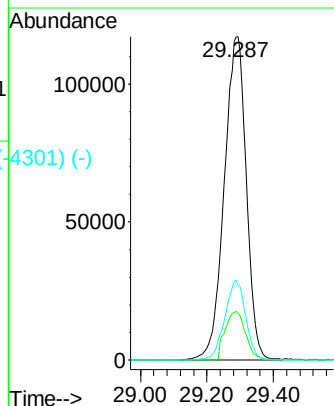
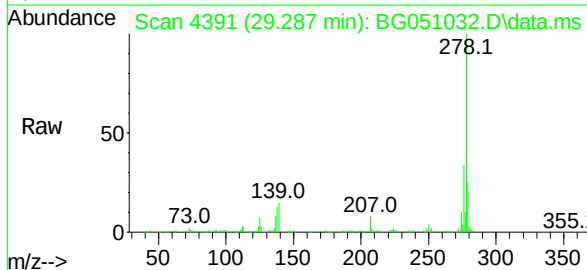
Abundance Scan 4391 (29.286 min): BG051028.D\data.ms (-4391) (-)



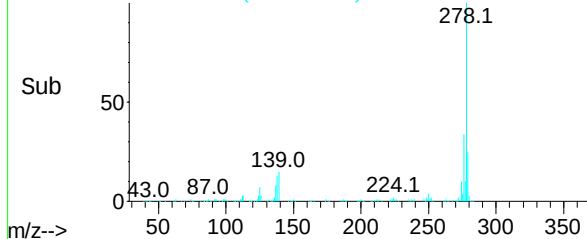
Dibenzo(a,h)anthracene
Concen: 40.50 ng
RT: 29.287 min Scan# 4391
Delta R.T. 0.001 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

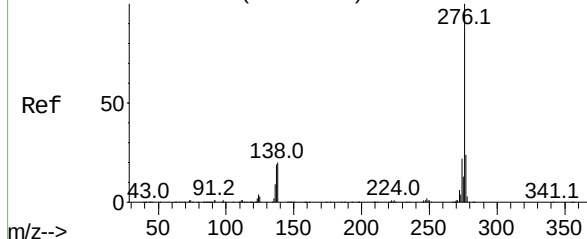
Tgt Ion:	278	Resp:	537137
Ion Ratio	Lower	Upper	
278	100		
139	15.1	4.6	6.8#
279	24.8	17.9	26.9



Abundance Scan 4391 (29.287 min): BG051032.D\data.ms (-4301) (-)

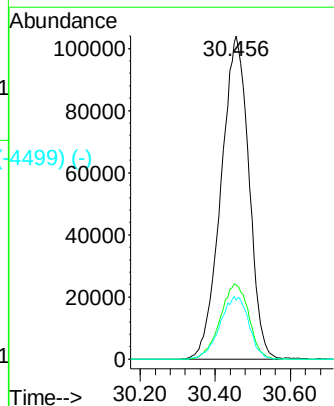
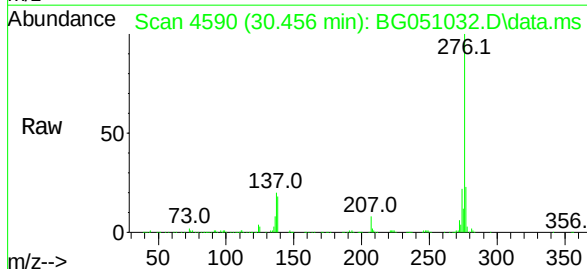


Abundance Scan 4589 (30.450 min): BG051028.D\data.ms (-4592) (-)



Benzo(g,h,i)perylene
Concen: 41.19 ng
RT: 30.456 min Scan# 4590
Delta R.T. 0.007 min
Lab File: BG051032.D
Acq: 13 Nov 2021 20:52

Tgt Ion:	276	Resp:	535068
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.4	27.6
138	18.3	7.0	10.6#



Abundance Scan 4590 (30.456 min): BG051032.D\data.ms (-4499) (-)

