

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
 Data File : BG051025.D
 Acq On : 13 Nov 2021 16:04
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 15 03:14:26 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	8.230	152	39197	20.00	ng	# 0.00
21) Naphthalene-d8	11.056	136	167170	20.00	ng	# 0.00
39) Acenaphthene-d10	14.851	164	108077	20.00	ng	0.00
64) Phenanthrene-d10	17.601	188	241035	20.00	ng	# 0.00
76) Chrysene-d12	21.896	240	217303	20.00	ng	# 0.00
86) Perylene-d12	25.304	264	217744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	31142	11.88	ng	0.00
7) Phenol-d6	7.372	99	42263	11.14	ng	0.00
23) Nitrobenzene-d5	9.399	82	43188	10.69	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	11696	11.35	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	87244	12.15	ng	0.00
79) Terphenyl-d14	20.186	244	146650	13.15	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.617	88	7891	5.81	ng	# 90
3) Pyridine	4.040	79	19385	5.23	ng	95
4) n-Nitrosodimethylamine	3.946	42	8731	5.00	ng	# 44
6) Aniline	7.542	93	25247	5.73	ng	# 93
8) 2-Chlorophenol	7.783	128	16161	6.40	ng	89
9) Benzaldehyde	7.360	77	16955	6.05	ng	86
10) Phenol	7.401	94	22326	6.05	ng	79
11) bis(2-Chloroethyl)ether	7.636	93	17590	6.11	ng	88
12) 1,3-Dichlorobenzene	8.259	146	17031	5.85	ng	94
13) 1,4-Dichlorobenzene	8.259	146	17031	5.80	ng	98
14) 1,2-Dichlorobenzene	8.582	146	17809	6.35	ng	95
15) Benzyl Alcohol	8.465	79	15968	5.32	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.747	45	27801	5.92	ng	84
17) 2-Methylphenol	8.664	107	14487	5.97	ng	# 86
18) Hexachloroethane	9.317	117	6736	6.06	ng	87
19) n-Nitroso-di-n-propyla...	9.029	70	16147	5.84	ng	# 85
20) 3+4-Methylphenols	8.993	107	19818	5.80	ng	92
22) Acetophenone	9.058	105	27930	5.88	ng	# 93
24) Nitrobenzene	9.446	77	21611	5.38	ng	95
25) Isophorone	9.969	82	39212	5.47	ng	# 93
26) 2-Nitrophenol	10.163	139	8283	5.62	ng	# 88
27) 2,4-Dimethylphenol	10.204	122	12974	5.09	ng	96
28) bis(2-Chloroethoxy)met...	10.439	93	24054	5.87	ng	97
29) 2,4-Dichlorophenol	10.703	162	13995	5.39	ng	98
30) 1,2,4-Trichlorobenzene	10.909	180	16262	5.51	ng	97
31) Naphthalene	11.103	128	53445	5.97	ng	97
32) Benzoic acid	10.374	122	442	0.23	ng	96
33) 4-Chloroaniline	11.214	127	20880	5.56	ng	# 92
34) Hexachlorobutadiene	11.373	225	10238	5.53	ng	94
35) Caprolactam	11.984	113	3621	3.64	ng	# 73
36) 4-Chloro-3-methylphenol	12.313	107	17187	5.30	ng	94
37) 2-Methylnaphthalene	12.695	142	35029	5.67	ng	91
38) 1-Methylnaphthalene	12.912	142	33904	5.66	ng	92
40) 1,2,4,5-Tetrachloroben...	13.053	216	18343	5.75	ng	98
41) Hexachlorocyclopentadiene	13.030	237	2919	1.58	ng	93

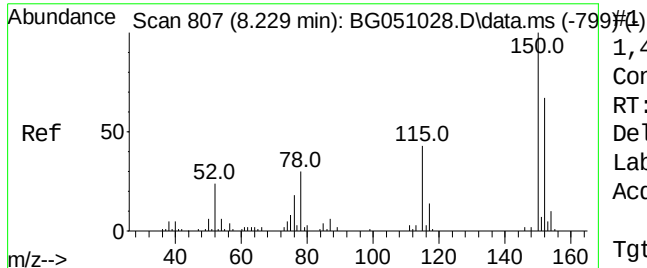
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
 Data File : BG051025.D
 Acq On : 13 Nov 2021 16:04
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 15 03:14:26 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.288	196	12132	5.39	ng	96
44) 2,4,5-Trichlorophenol	13.371	196	13366	5.68	ng	97
46) 1,1'-Biphenyl	13.688	154	47505	6.03	ng	93
47) 2-Chloronaphthalene	13.735	162	36818	6.08	ng	94
48) 2-Nitroaniline	13.941	65	13323	5.53	ng	88
49) Acenaphthylene	14.581	152	58875	5.94	ng	95
50) Dimethylphthalate	14.293	163	50231	6.15	ng	97
51) 2,6-Dinitrotoluene	14.422	165	9887	6.04	ng	# 82
52) Acenaphthene	14.916	154	34336	5.39	ng	96
53) 3-Nitroaniline	14.757	138	10876	5.62	ng	# 83
54) 2,4-Dinitrophenol	14.975	184	2807	2.77	ng	# 78
55) Dibenzofuran	15.251	168	58256	5.91	ng	96
56) 4-Nitrophenol	15.063	139	7743	4.97	ng	# 71
57) 2,4-Dinitrotoluene	15.210	165	13541	5.87	ng	96
58) Fluorene	15.897	166	46030	6.08	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.474	232	10630	5.19	ng	# 95
60) Diethylphthalate	15.645	149	53213	6.20	ng	97
61) 4-Chlorophenyl-phenyle...	15.880	204	24688	5.96	ng	94
62) 4-Nitroaniline	15.921	138	11692	5.81	ng	# 61
63) Azobenzene	16.173	77	55514	5.59	ng	80
65) 4,6-Dinitro-2-methylph...	15.979	198	7074	4.89	ng	88
66) n-Nitrosodiphenylamine	16.097	169	39825	5.81	ng	96
67) 4-Bromophenyl-phenylether	16.778	248	14311	5.89	ng	96
68) Hexachlorobenzene	16.902	284	14244	5.90	ng	96
69) Atrazine	17.037	200	9807	3.64	ng	96
70) Pentachlorophenol	17.249	266	6295	3.83	ng	# 87
71) Phenanthrene	17.642	178	76766	6.04	ng	97
72) Anthracene	17.730	178	77009	6.10	ng	97
73) Carbazole	18.001	167	76741	6.10	ng	100
74) Di-n-butylphthalate	18.529	149	91497	6.20	ng	# 96
75) Fluoranthene	19.640	202	94264	6.04	ng	94
77) Benzidine	19.816	184	26209	3.72	ng	97
78) Pyrene	20.004	202	96899	6.28	ng	98
80) Butylbenzylphthalate	20.868	149	39840	6.11	ng	97
81) Benzo(a)anthracene	21.873	228	87642	6.10	ng	99
82) 3,3'-Dichlorobenzidine	21.779	252	39126	8.21	ng	# 89
83) Chrysene	21.943	228	82411	6.09	ng	99
84) Bis(2-ethylhexyl)phtha...	21.743	149	56438	6.09	ng	# 95
85) Di-n-octyl phthalate	23.012	149	95326	6.17	ng	# 100
87) Indeno(1,2,3-cd)pyrene	29.211	276	87933	5.80	ng	# 67
88) Benzo(b)fluoranthene	24.211	252	77892	5.84	ng	# 92
89) Benzo(k)fluoranthene	24.281	252	78865	6.01	ng	# 95
90) Benzo(a)pyrene	25.139	252	65711	5.80	ng	# 94
91) Dibenzo(a,h)anthracene	29.276	278	72463	5.78	ng	# 94
92) Benzo(g,h,i)perylene	30.439	276	70642	5.75	ng	# 90

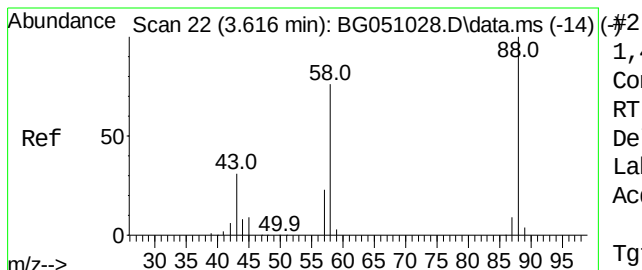
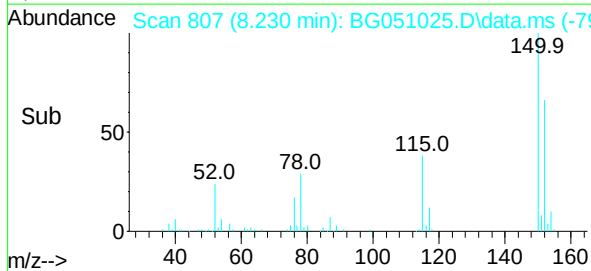
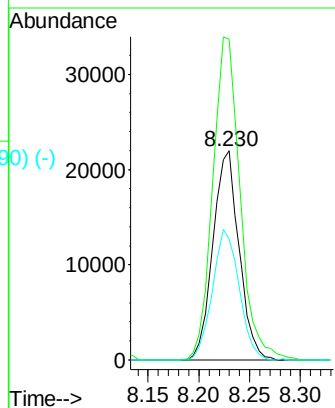
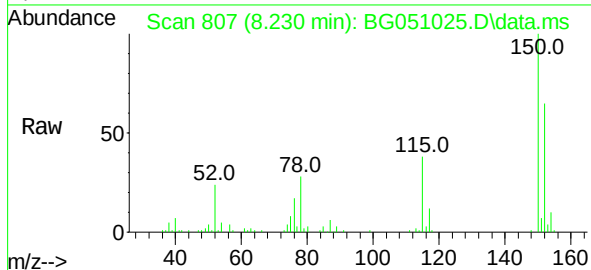
(#) = qualifier out of range (m) = manual integration (+) = signals summed



1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.230 min Scan# 8
 Delta R.T. 0.001 min
 Lab File: BG051025.D
 Acq: 13 Nov 2021 16:04

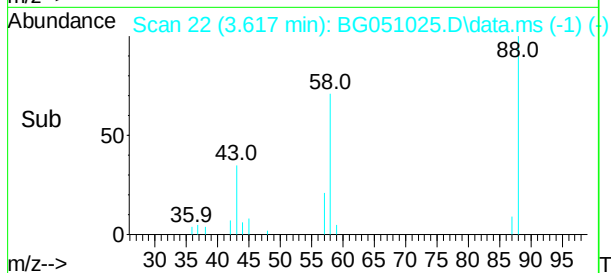
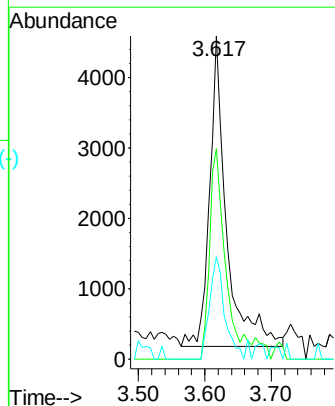
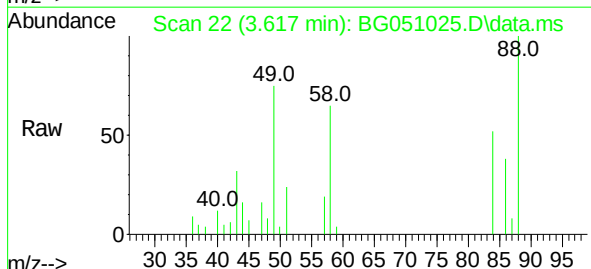
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

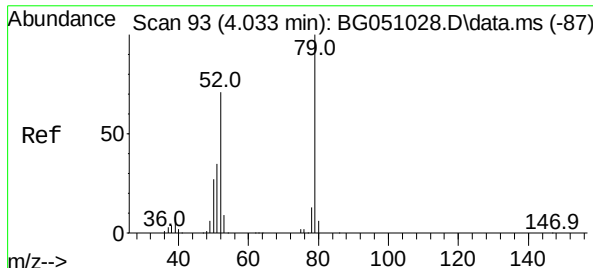
Tgt Ion: 152 Resp: 39197
 Ion Ratio Lower Upper
 152 100
 150 153.3 119.4 179.0
 115 57.8 60.2 90.4#



1,4-Dioxane
 Concen: 5.81 ng
 RT: 3.617 min Scan# 22
 Delta R.T. 0.001 min
 Lab File: BG051025.D
 Acq: 13 Nov 2021 16:04

Tgt Ion: 88 Resp: 7891
 Ion Ratio Lower Upper
 88 100
 58 63.0 55.7 83.5
 43 28.9 29.3 43.9#

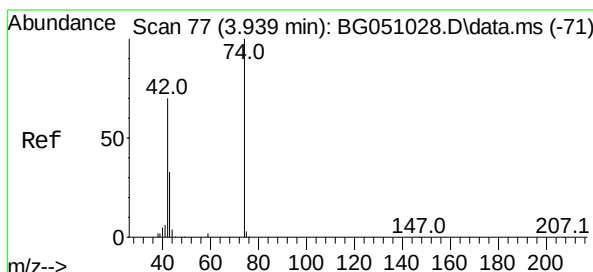
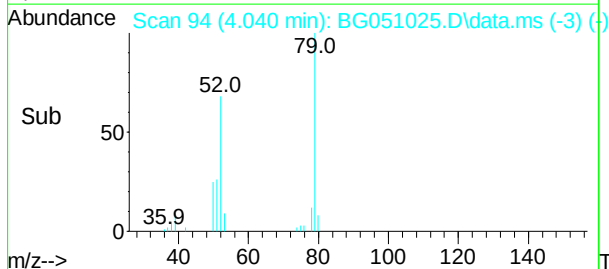
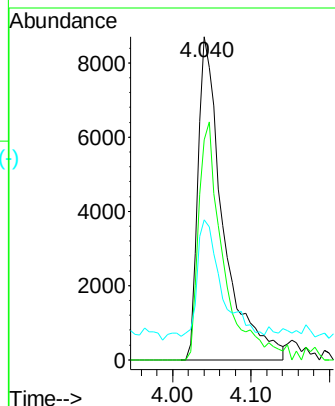
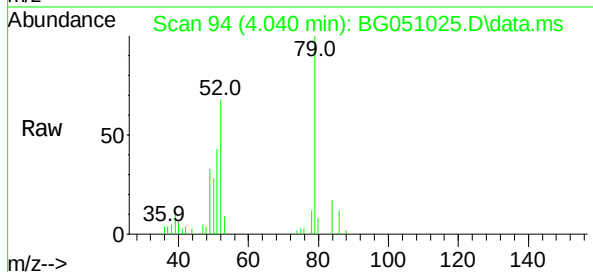




Pyridine
Concen: 5.23 ng
RT: 4.040 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

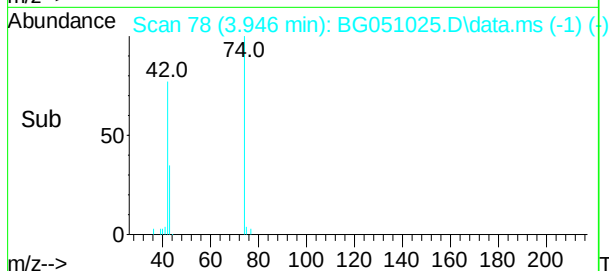
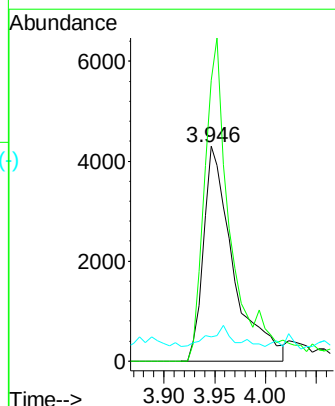
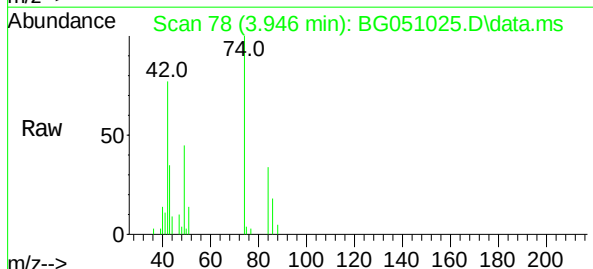
Instrument :
BNA_G
ClientSampleId :
SSTDICC005

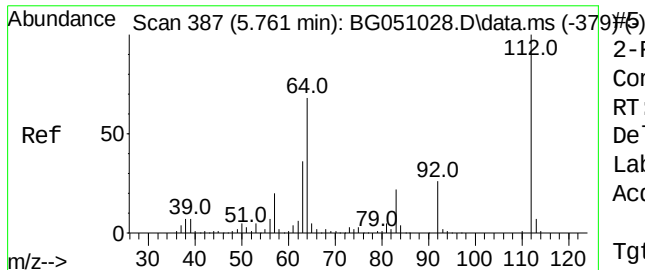
Tgt Ion: 79 Resp: 19385
Ion Ratio Lower Upper
79 100
52 68.0 58.4 87.6
51 43.4 37.0 55.6



n-Nitrosodimethylamine
Concen: 5.00 ng
RT: 3.946 min Scan# 78
Delta R.T. 0.007 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Tgt Ion: 42 Resp: 8731
Ion Ratio Lower Upper
42 100
74 130.7 64.0 96.0#
44 11.3 2.7 4.1#





2-Fluorophenol

Concen: 11.88 ng

RT: 5.762 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

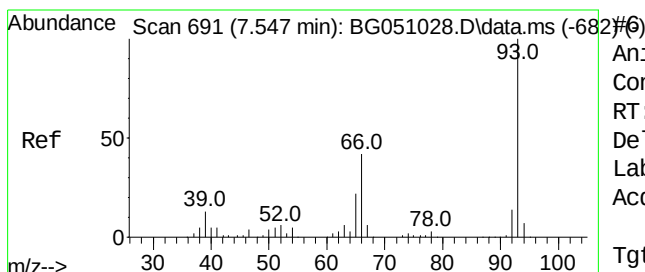
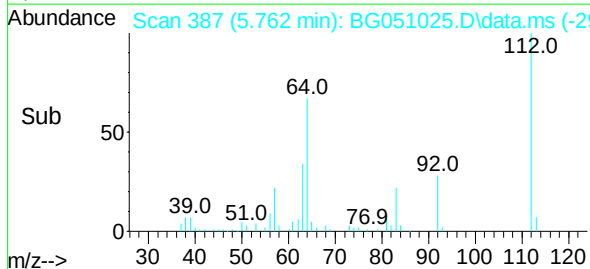
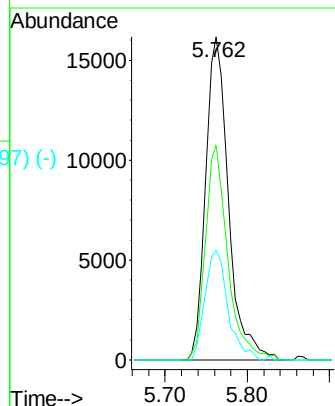
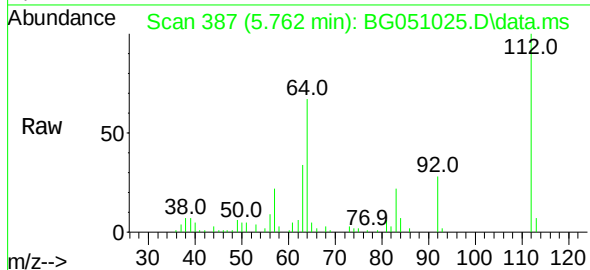
Tgt Ion: 112 Resp: 31142

Ion Ratio Lower Upper

112 100

64 66.6 46.7 70.1

63 34.1 35.3 52.9#



Aniline

Concen: 5.73 ng

RT: 7.542 min Scan# 690

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

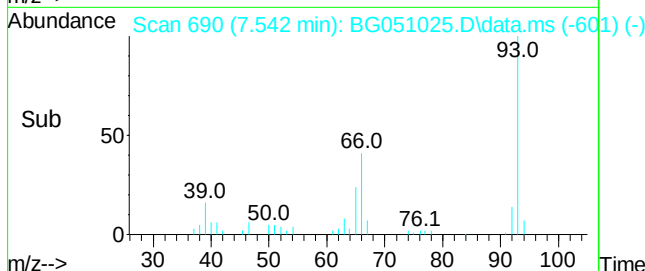
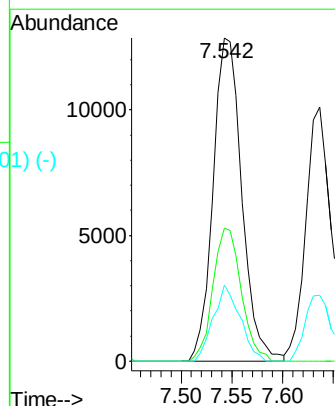
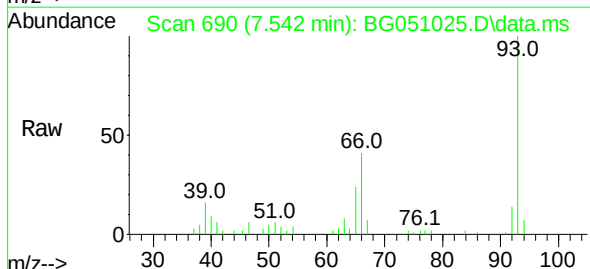
Tgt Ion: 93 Resp: 25247

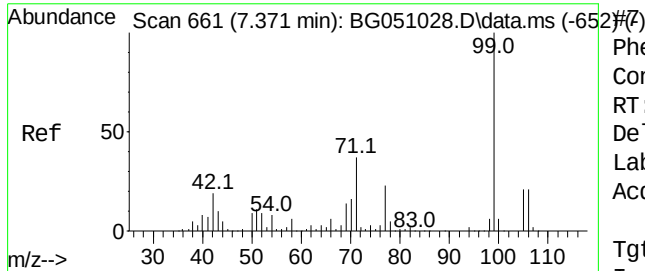
Ion Ratio Lower Upper

93 100

66 41.1 30.6 45.8

65 23.5 15.0 22.4#





Phenol-d6

Concen: 11.14 ng

RT: 7.372 min Scan#

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

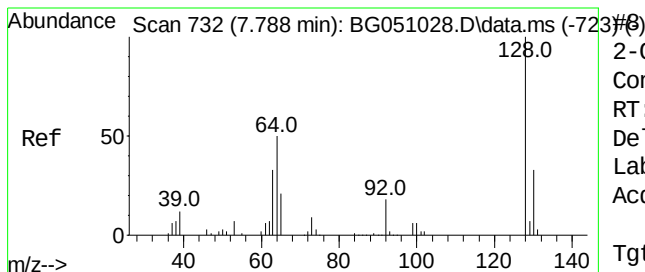
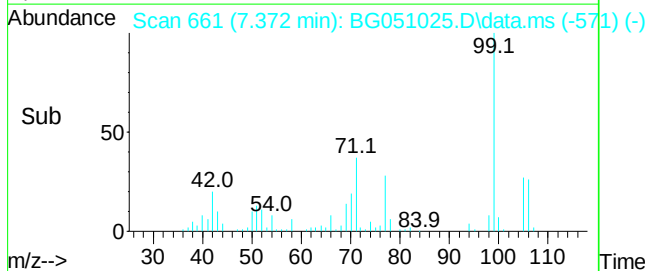
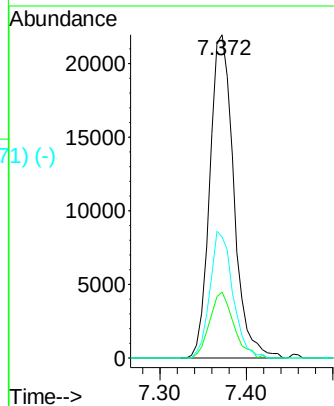
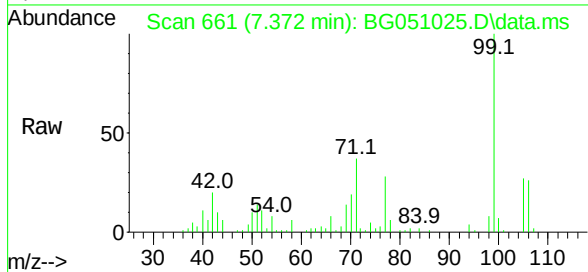
Tgt Ion: 99 Resp: 42263

Ion Ratio Lower Upper

99 100

42 20.5 20.5 30.7#

71 37.3 41.5 62.3#



2-Chlorophenol

Concen: 6.40 ng

RT: 7.783 min Scan# 731

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

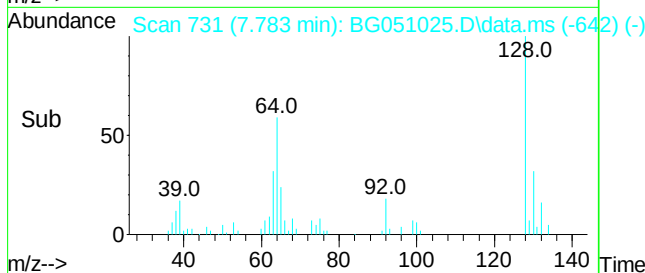
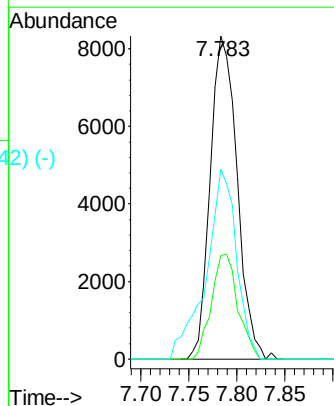
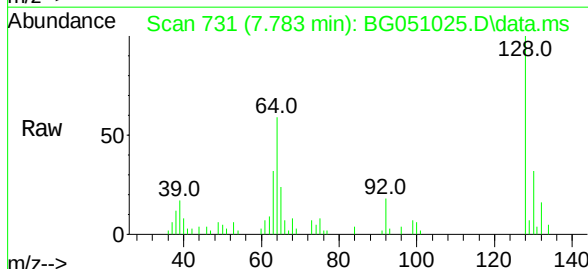
Tgt Ion: 128 Resp: 16161

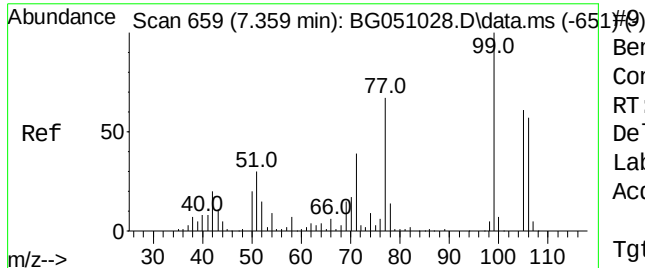
Ion Ratio Lower Upper

128 100

130 32.1 10.0 50.0

64 58.9 28.1 68.1





Benzaldehyde

Concen: 6.05 ng

RT: 7.360 min Scan#

Delta R.T. 0.001 min

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Instrument :

BNA_G

ClientSampleId :

SSTDICC005

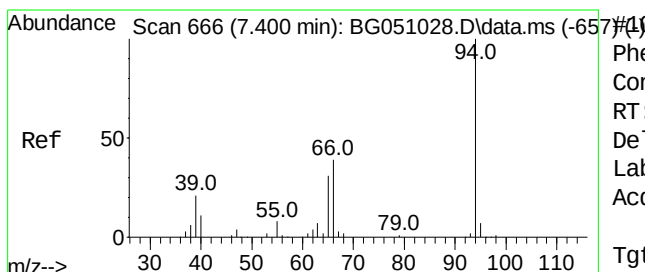
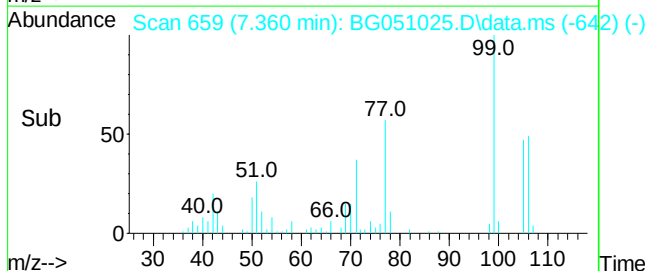
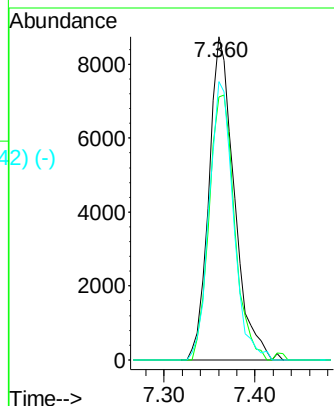
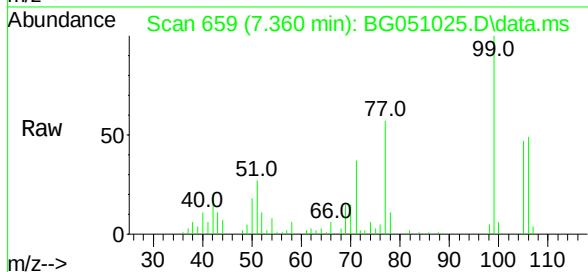
Tgt Ion: 77 Resp: 16955

Ion Ratio Lower Upper

77 100

105 81.4 68.8 108.8

106 86.2 47.9 87.9



Phenol

Concen: 6.05 ng

RT: 7.401 min Scan# 666

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

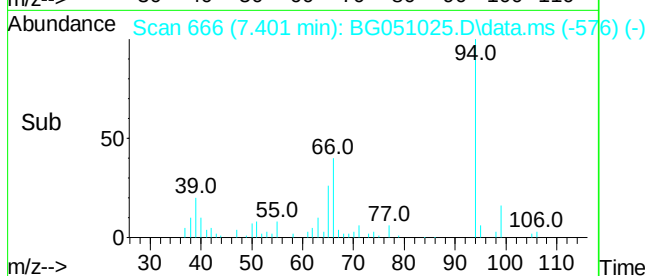
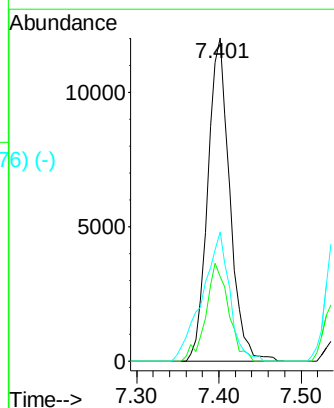
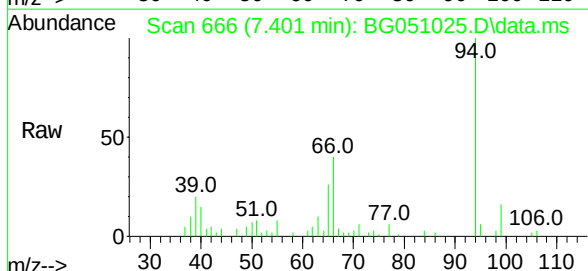
Tgt Ion: 94 Resp: 22326

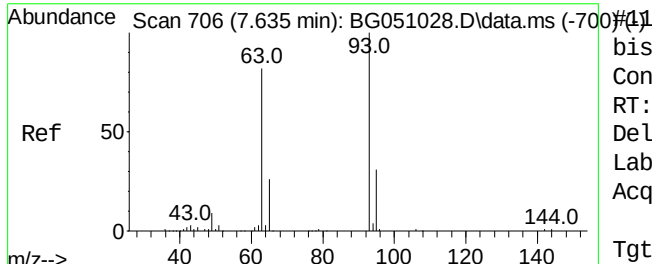
Ion Ratio Lower Upper

94 100

65 26.1 12.9 52.9

66 40.1 39.4 79.4

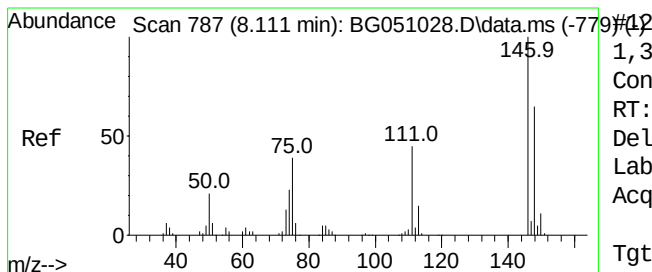
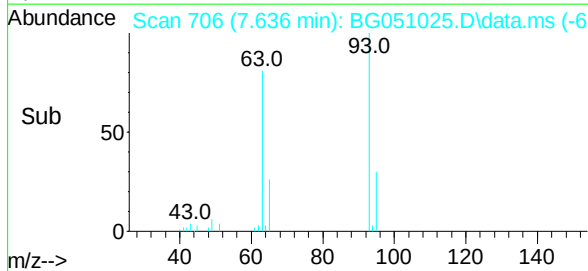
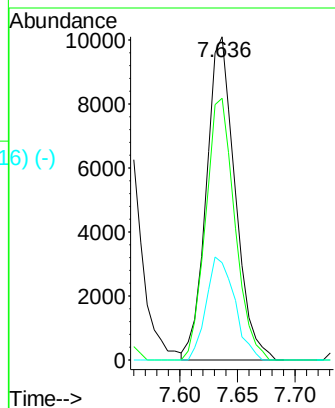
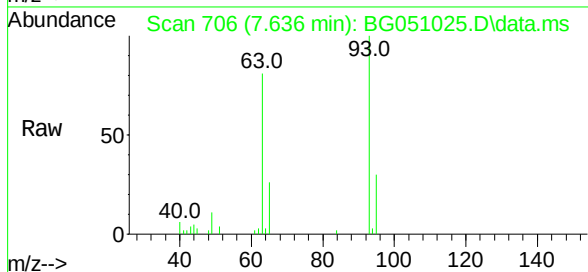




bis(2-Chloroethyl)ether
 Concen: 6.11 ng
 RT: 7.636 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG051025.D
 Acq: 13 Nov 2021 16:04

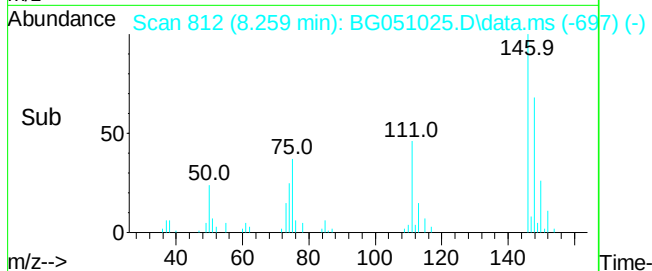
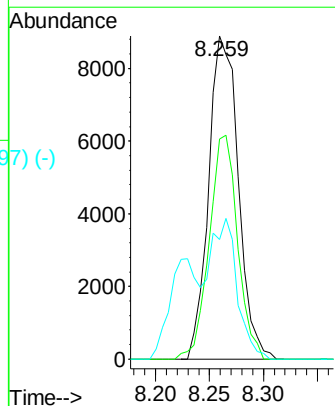
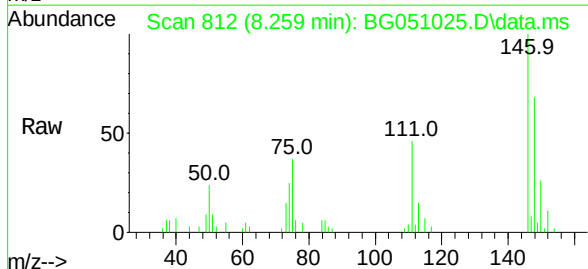
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Tgt Ion:	93	Resp:	17590
Ion	Ratio	Lower	Upper
93	100		
63	80.9	50.4	90.4
95	30.1	15.3	55.3



1,3-Dichlorobenzene
 Concen: 5.85 ng
 RT: 8.259 min Scan# 812
 Delta R.T. 0.148 min
 Lab File: BG051025.D
 Acq: 13 Nov 2021 16:04

Tgt Ion:	146	Resp:	17031
Ion	Ratio	Lower	Upper
146	100		
148	68.1	52.6	78.8
75	37.0	35.7	53.5



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

1,4-Dichlorobenzene

Concen: 5.80 ng

RT: 8.259 min Scan# 813

Delta R.T. -0.005 min

Lab File: BG051025.D

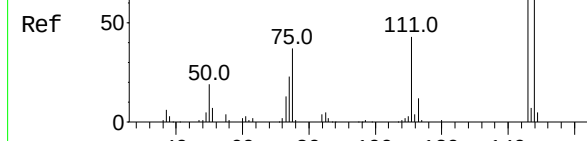
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



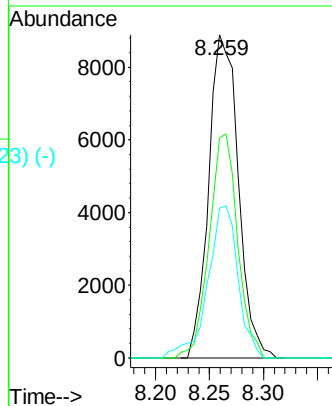
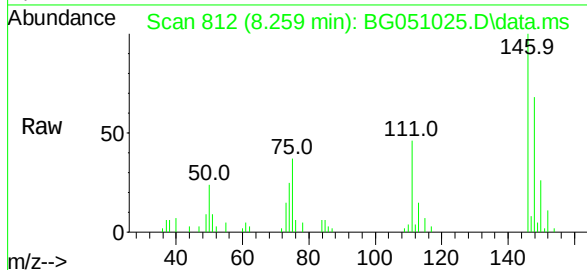
Tgt Ion:146 Resp: 17031

Ion Ratio Lower Upper

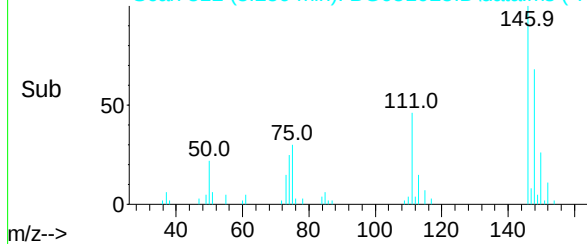
146 100

148 68.1 54.0 81.0

111 46.2 34.3 51.5



Abundance Scan 812 (8.259 min): BG051025.D\data.ms (-723) (-)



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

1,2-Dichlorobenzene

Concen: 6.35 ng

RT: 8.582 min Scan# 867

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

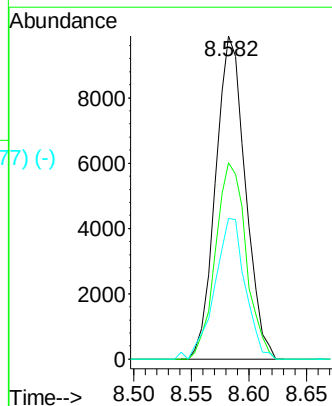
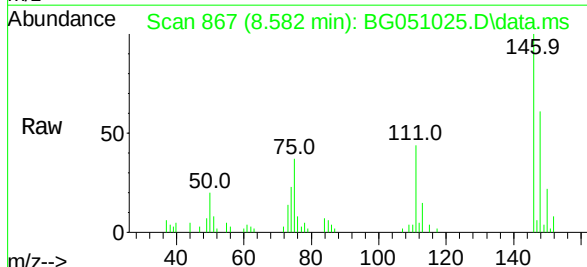
Tgt Ion:146 Resp: 17809

Ion Ratio Lower Upper

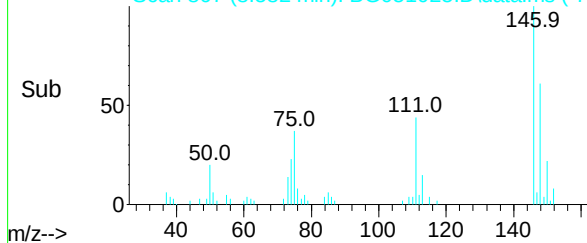
146 100

148 60.7 47.5 71.3

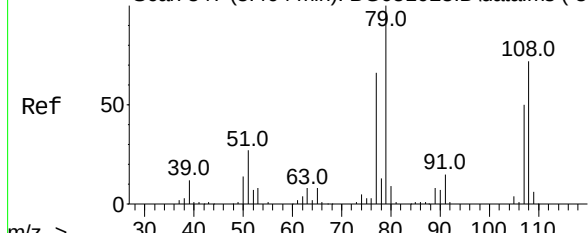
111 43.5 39.1 58.7



Abundance Scan 867 (8.582 min): BG051025.D\data.ms (-777) (-)



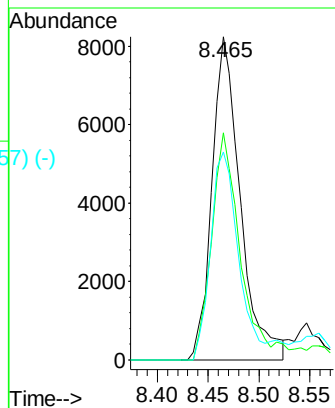
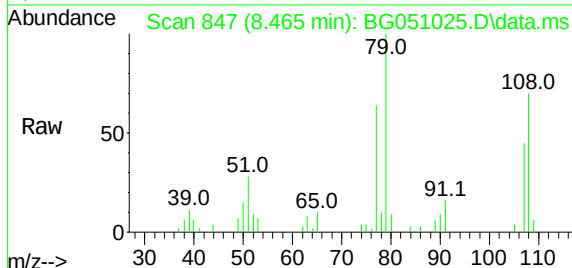
Abundance Scan 847 (8.464 min): BG051028.D\data.ms (-838) #15



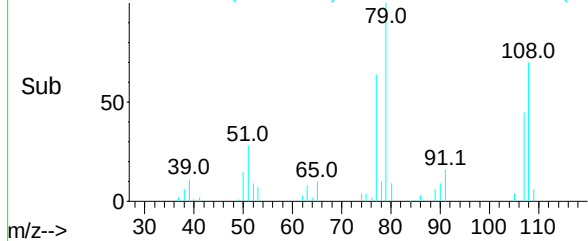
Benzyl Alcohol
Concen: 5.32 ng
RT: 8.465 min Scan# 847
Delta R.T. 0.001 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

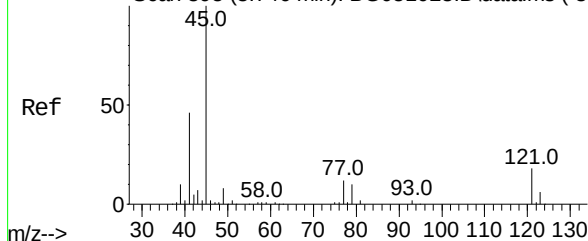
Tgt Ion:	79	Resp:	15968
Ion	Ratio	Lower	Upper
79	100		
108	70.3	48.2	72.4
77	64.3	57.3	85.9



Abundance Scan 847 (8.465 min): BG051025.D\data.ms (-757) (-)

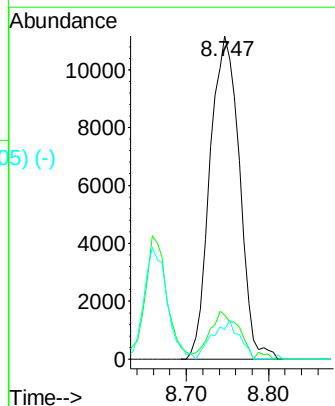
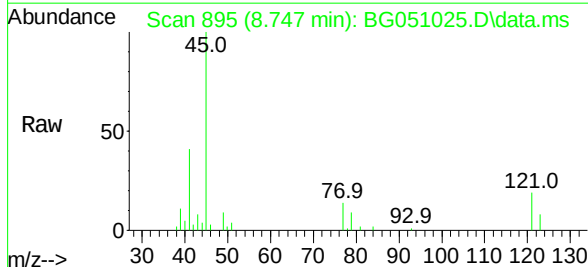


Abundance Scan 895 (8.746 min): BG051028.D\data.ms (-886) #16

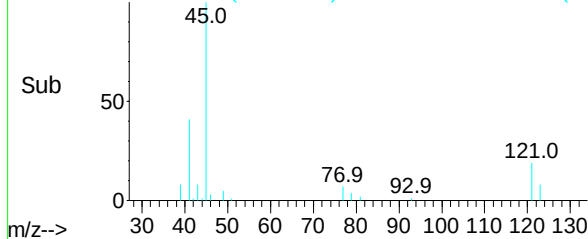


2,2'-oxybis(1-Chloropropane)
Concen: 5.92 ng
RT: 8.747 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Tgt Ion:	45	Resp:	27801
Ion	Ratio	Lower	Upper
45	100		
77	13.6	2.2	42.2
79	9.1	0.0	34.3



Abundance Scan 895 (8.747 min): BG051025.D\data.ms (-805) (-)



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

2-Methylphenol

Concen: 5.97 ng

RT: 8.664 min Scan# 881

Delta R.T. 0.001 min

Lab File: BG051025.D

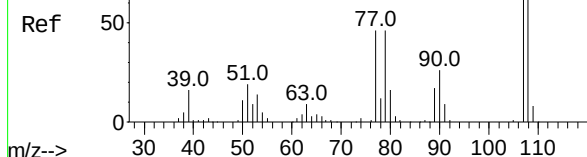
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDIC005



Tgt Ion:107 Resp: 14487

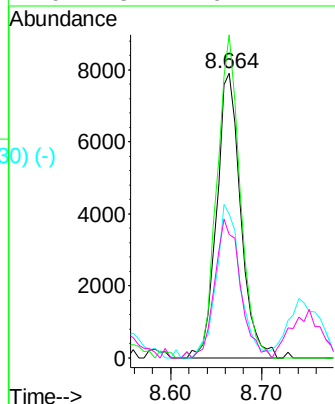
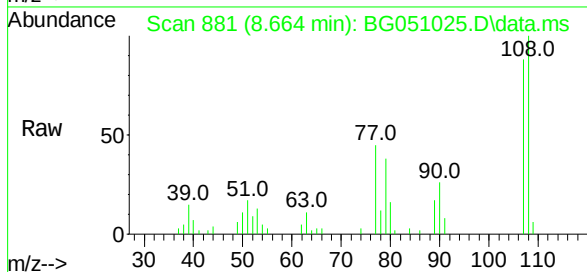
Ion Ratio Lower Upper

107 100

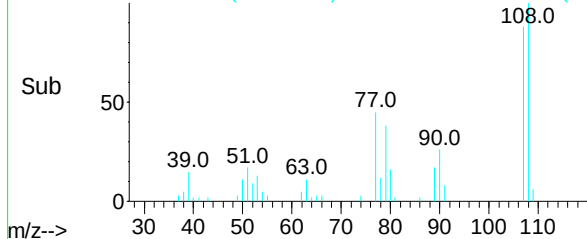
108 113.4 84.6 127.0

77 50.5 50.7 76.1#

79 43.4 49.4 74.0#



Abundance Scan 881 (8.664 min): BG051025.D\data.ms (-830) (-)



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

Hexachloroethane

Concen: 6.06 ng

RT: 9.317 min Scan# 992

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

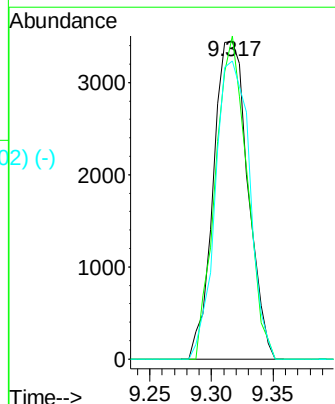
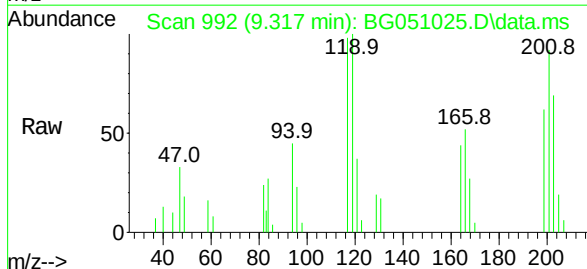
Tgt Ion:117 Resp: 6736

Ion Ratio Lower Upper

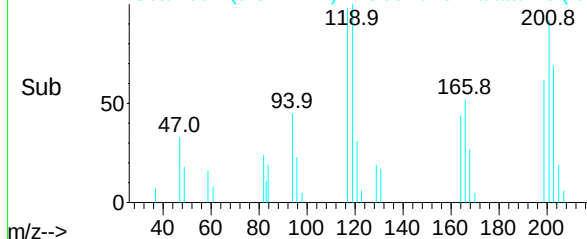
117 100

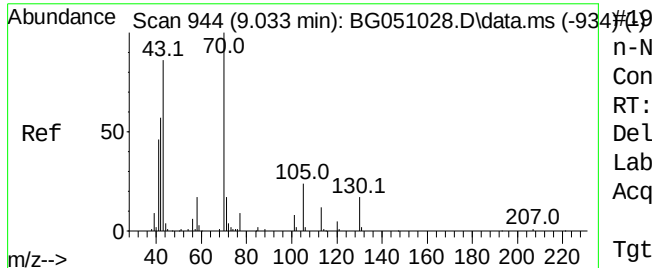
119 101.8 74.4 111.6

201 93.8 88.6 133.0



Abundance Scan 992 (9.317 min): BG051025.D\data.ms (-902) (-)

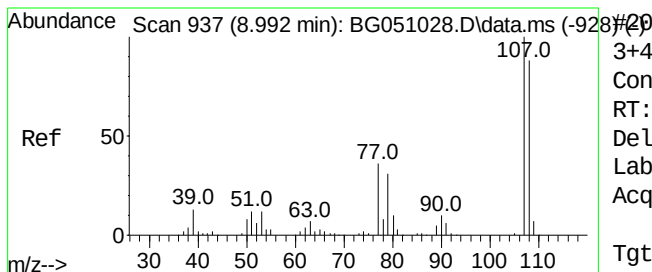
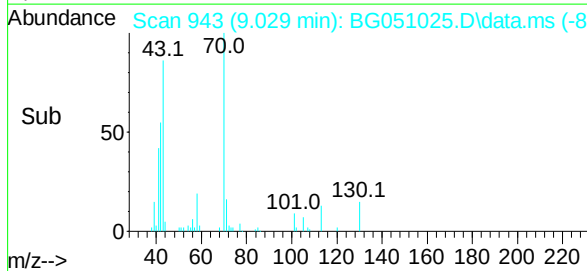
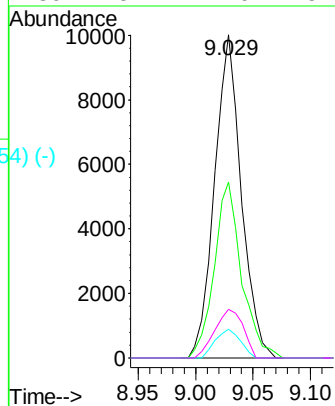
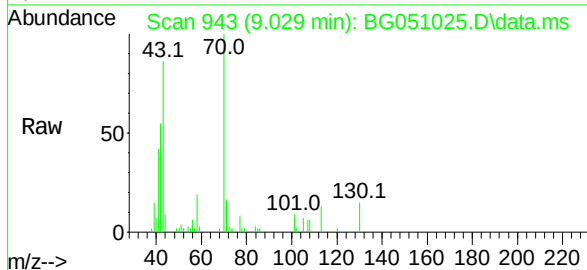




n-Nitroso-di-n-propylamine
 Concen: 5.84 ng
 RT: 9.029 min Scan# 19
 Delta R.T. -0.005 min
 Lab File: BG051025.D
 Acq: 13 Nov 2021 16:04

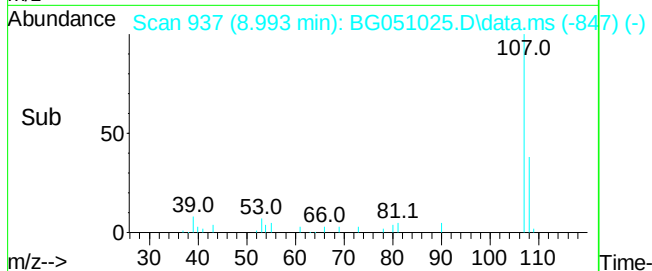
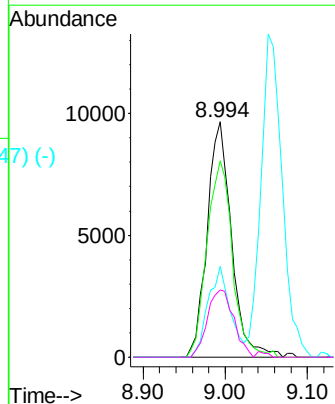
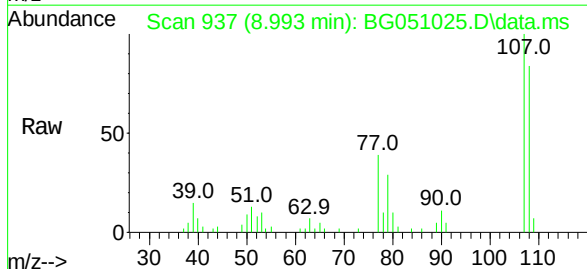
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Tgt Ion:	70	Resp:	16147
Ion	Ratio	Lower	Upper
70	100		
42	54.5	54.5	81.7
101	8.9	9.0	13.6#
130	15.1	17.0	25.6#



3+4-Methylphenols
 Concen: 5.80 ng
 RT: 8.993 min Scan# 937
 Delta R.T. 0.001 min
 Lab File: BG051025.D
 Acq: 13 Nov 2021 16:04

Tgt Ion:	107	Resp:	19818
Ion	Ratio	Lower	Upper
107	100		
108	83.6	69.3	109.3
77	38.6	25.2	65.2
79	28.6	15.1	55.1



Abundance Scan 1288 (11.055 min): BG051028.D\data.ms (-129) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 11.056 min Scan# 1198

Delta R.T. 0.001 min

Lab File: BG051025.D

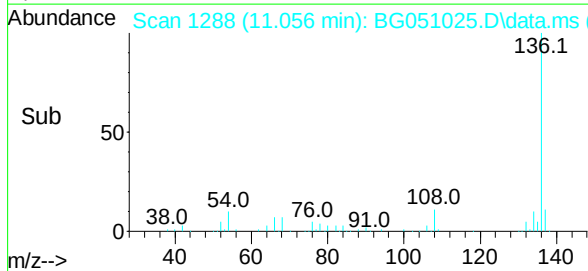
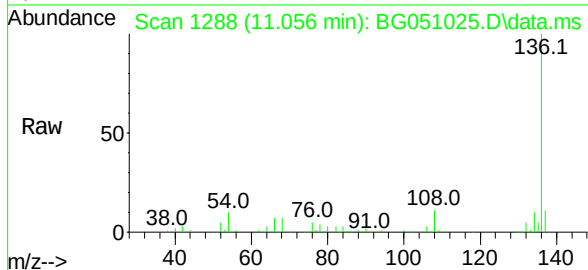
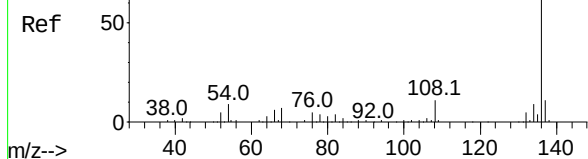
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:136 Resp: 167170

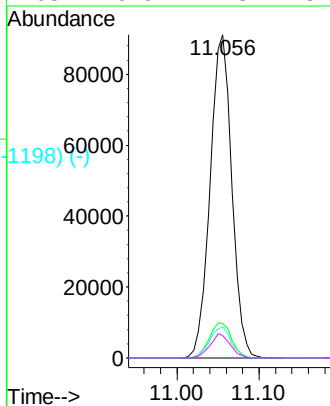
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 9.6 5.5 8.3#

68 6.9 2.3 3.5#



Abundance Scan 948 (9.057 min): BG051028.D\data.ms (-940) (-)

Acetophenone

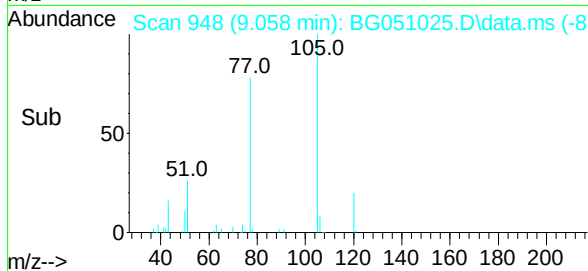
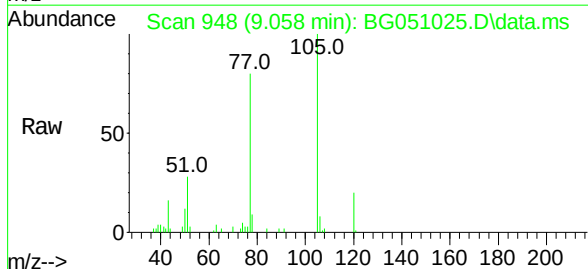
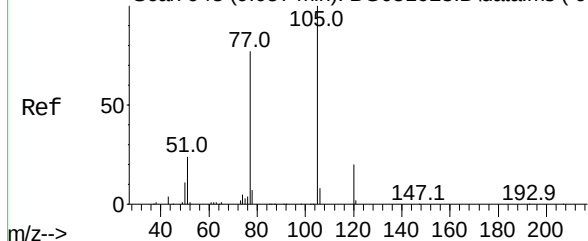
Concen: 5.88 ng

RT: 9.058 min Scan# 948

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04



Tgt Ion:105 Resp: 27930

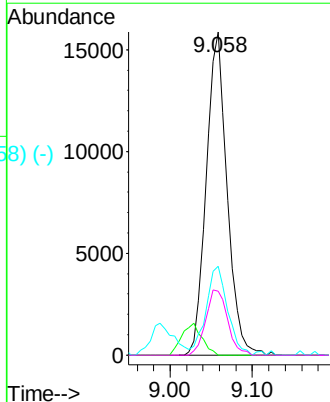
Ion Ratio Lower Upper

105 100

71 0.0 0.6 0.8#

51 27.6 26.6 40.0

120 19.7 16.2 24.4



Abundance Scan 1007 (9.404 min): BG051028.D\data.ms (-99923)

Nitrobenzene-d5

Concen: 10.69 ng

RT: 9.399 min Scan#

Delta R.T. -0.005 min

Lab File: BG051025.D

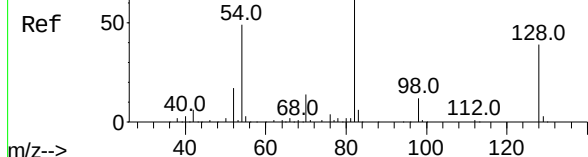
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



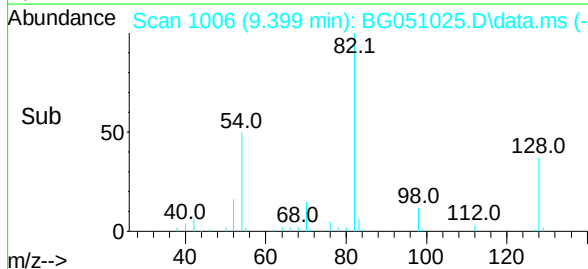
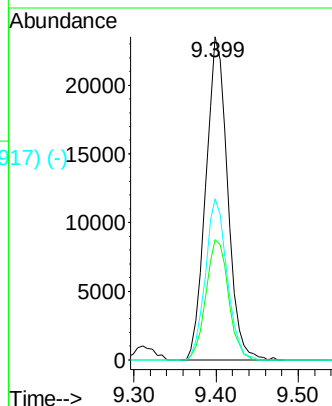
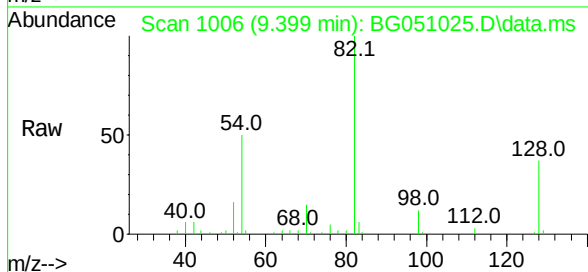
Tgt Ion: 82 Resp: 43188

Ion Ratio Lower Upper

82 100

128 37.2 29.8 44.6

54 49.8 45.8 68.8



Abundance Scan 1014 (9.445 min): BG051028.D\data.ms (-10024)

Nitrobenzene

Concen: 5.38 ng

RT: 9.446 min Scan# 1014

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

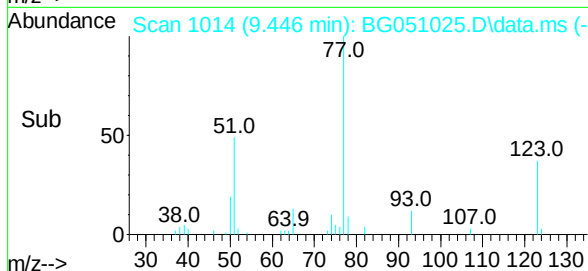
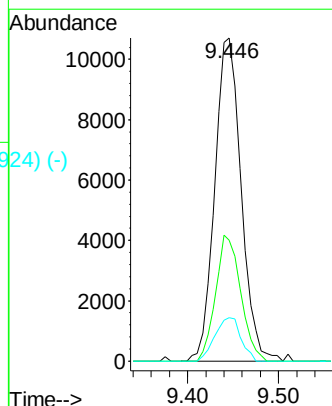
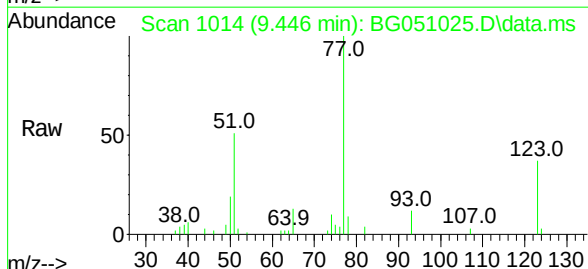
Tgt Ion: 77 Resp: 21611

Ion Ratio Lower Upper

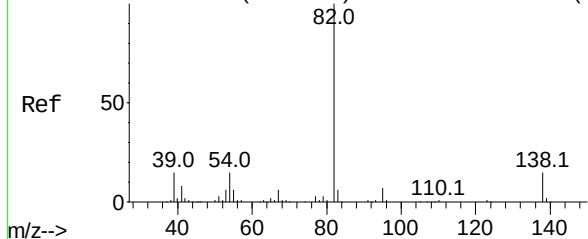
77 100

123 37.4 27.5 41.3

65 13.4 12.6 18.8



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



Isophorone

Concen: 5.47 ng

RT: 9.969 min Scan#

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

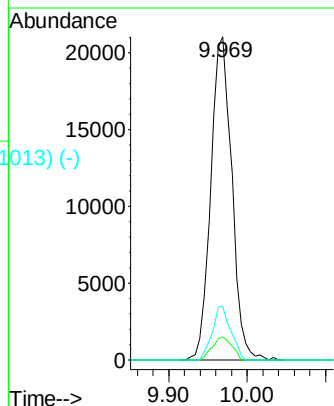
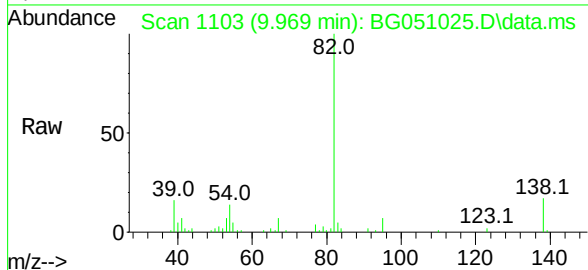
Tgt Ion: 82 Resp: 39212

Ion Ratio Lower Upper

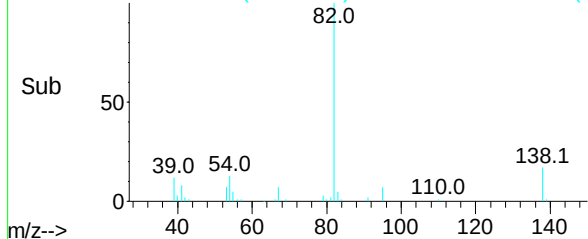
82 100

95 7.1 8.5 12.7#

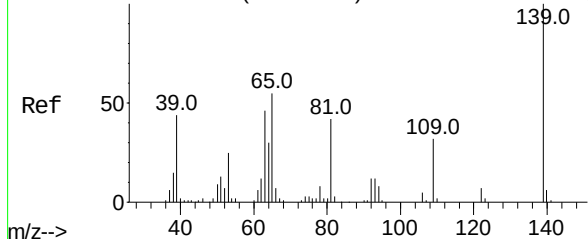
138 16.5 11.8 17.6



Abundance Scan 1103 (9.969 min): BG051025.D\data.ms (-1013) (-)



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



2-Nitrophenol

Concen: 5.62 ng

RT: 10.163 min Scan# 1136

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

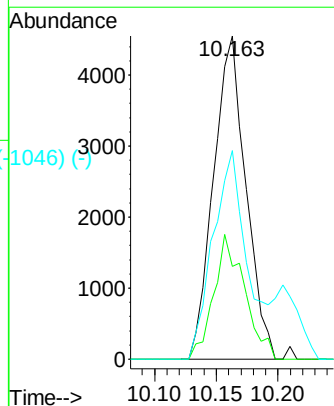
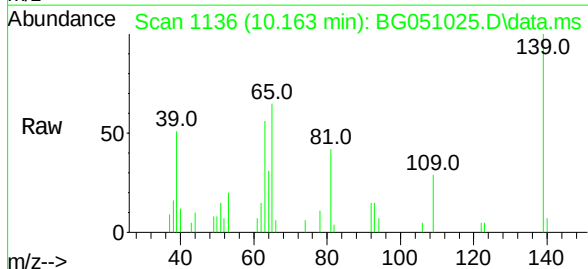
Tgt Ion:139 Resp: 8283

Ion Ratio Lower Upper

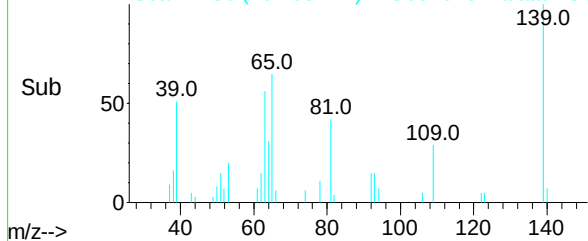
139 100

109 28.7 37.8 56.6#

65 64.6 51.8 77.8



Abundance Scan 1136 (10.163 min): BG051025.D\data.ms (-1046) (-)



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

2,4-Dimethylphenol

Concen: 5.09 ng

RT: 10.204 min Scan# 1143

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:122 Resp: 12974

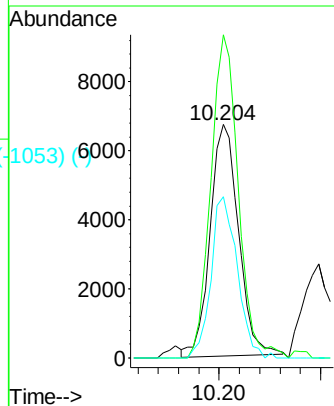
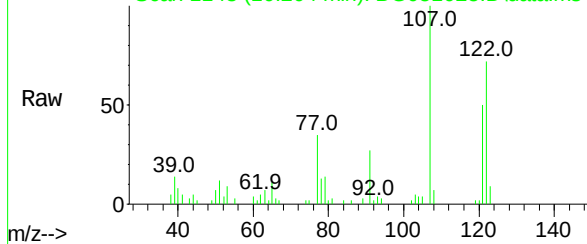
Ion Ratio Lower Upper

122 100

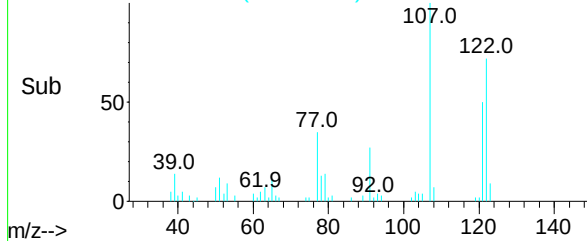
107 138.5 110.1 165.1

121 69.0 49.0 73.6

Abundance Scan 1143 (10.204 min): BG051025.D\data.ms



Abundance Scan 1143 (10.204 min): BG051025.D\data.ms (-1053) (-)



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

bis(2-Chloroethoxy)methane

Concen: 5.87 ng

RT: 10.439 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion: 93 Resp: 24054

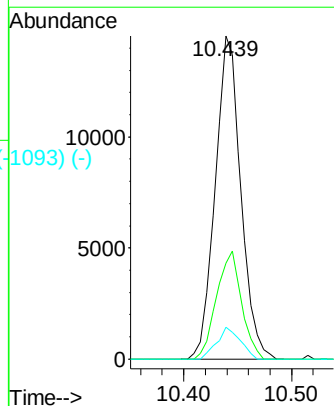
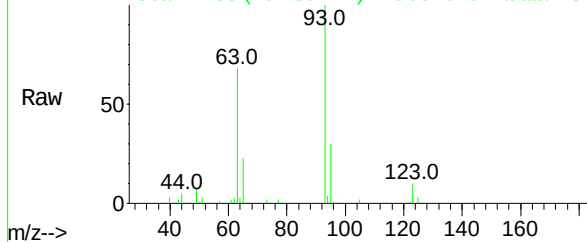
Ion Ratio Lower Upper

93 100

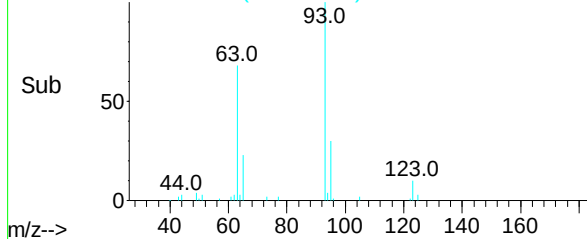
95 29.7 22.2 33.4

123 9.9 8.8 13.2

Abundance Scan 1183 (10.439 min): BG051025.D\data.ms



Abundance Scan 1183 (10.439 min): BG051025.D\data.ms (-1093) (-)



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

2,4-Dichlorophenol

Concen: 5.39 ng

RT: 10.703 min Scan# 1229

Delta R.T. 0.007 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 13995

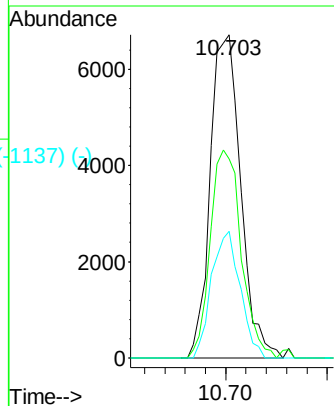
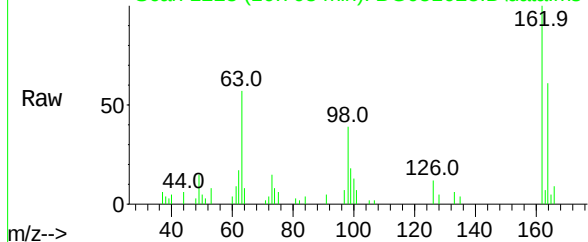
Ion Ratio Lower Upper

162 100

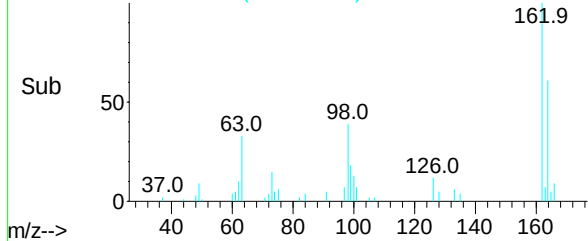
164 61.5 39.4 79.4

98 39.2 18.7 58.7

Abundance Scan 1228 (10.703 min): BG051025.D\data.ms



Abundance Scan 1228 (10.703 min): BG051025.D\data.ms (-1137) (-)



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

1,2,4-Trichlorobenzene

Concen: 5.51 ng

RT: 10.909 min Scan# 1263

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:180 Resp: 16262

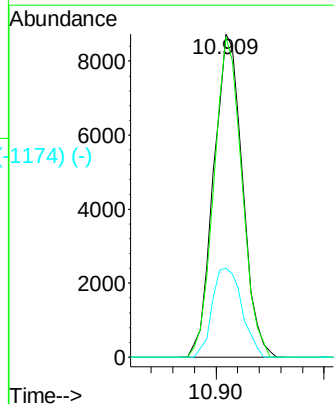
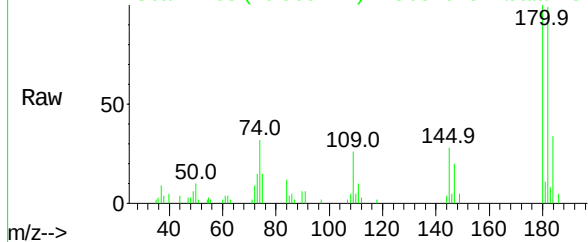
Ion Ratio Lower Upper

180 100

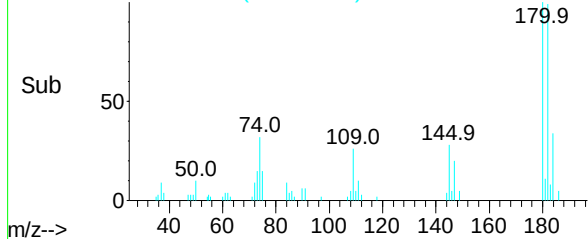
182 98.9 78.9 118.3

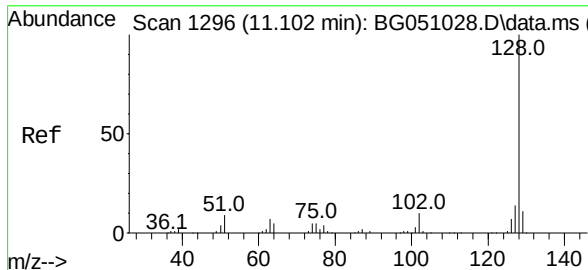
145 27.5 26.2 39.4

Abundance Scan 1263 (10.909 min): BG051025.D\data.ms



Abundance Scan 1263 (10.909 min): BG051025.D\data.ms (-1174) (-)

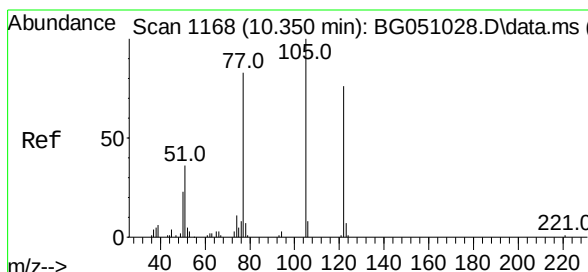
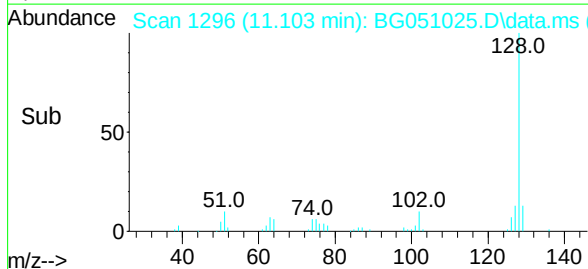
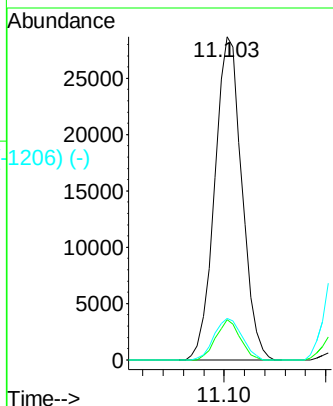
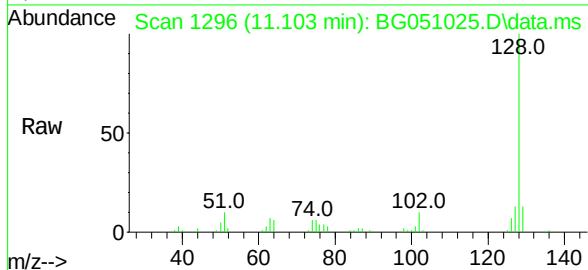




Scan 1296 (11.102 min): BG051028.D\data.ms (-1284) (-)
 Naphthalene
 Concen: 5.97 ng
 RT: 11.103 min Scan# 1132
 Delta R.T. 0.001 min
 Lab File: BG051025.D
 Acq: 13 Nov 2021 16:04

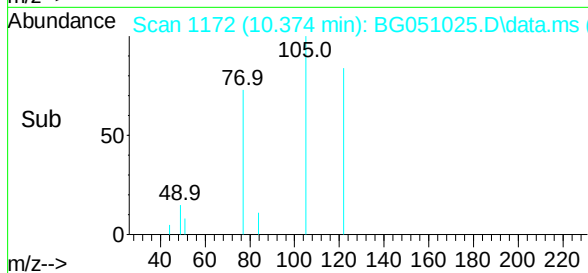
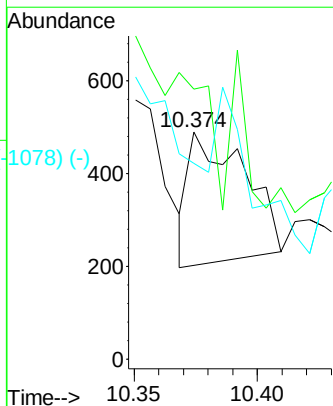
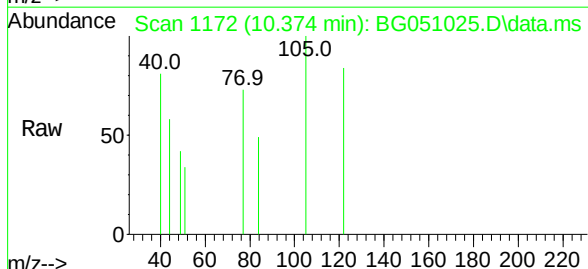
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Tgt Ion:	128	Resp:	53445
Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.5	12.7
127	12.9	10.2	15.4



Scan 1168 (10.350 min): BG051028.D\data.ms (-1132) (-)
 Benzoic acid
 Concen: 0.23 ng
 RT: 10.374 min Scan# 1172
 Delta R.T. 0.025 min
 Lab File: BG051025.D
 Acq: 13 Nov 2021 16:04

Tgt Ion:	122	Resp:	442
Ion	Ratio	Lower	Upper
122	100		
105	118.8	92.3	132.3
77	86.1	66.5	106.5



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

4-Chloroaniline

Concen: 5.56 ng

RT: 11.214 min Scan# 1315

Delta R.T. 0.001 min

Lab File: BG051025.D

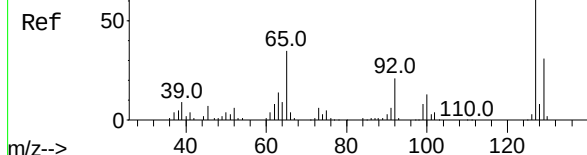
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDIC005



Tgt Ion:127 Resp: 20880

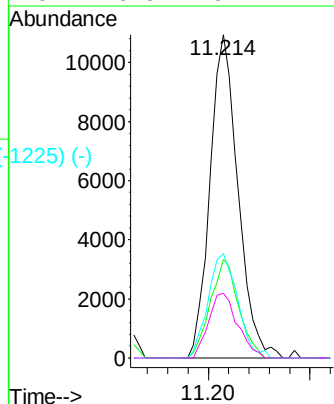
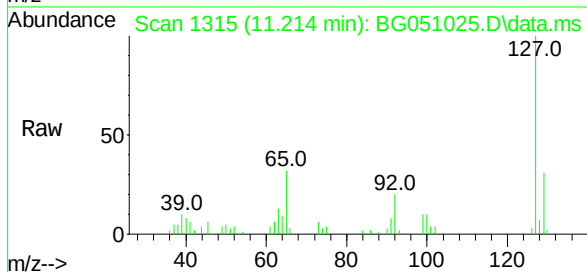
Ion Ratio Lower Upper

127 100

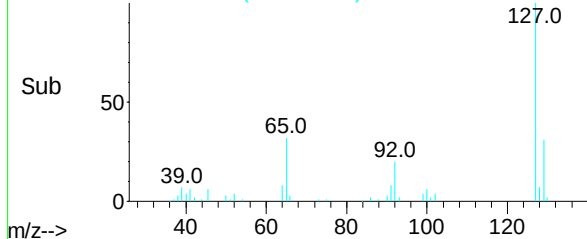
129 30.6 26.7 40.1

65 32.4 32.8 49.2#

92 19.9 16.2 24.4



Abundance Scan 1315 (11.214 min): BG051025.D\data.ms (-1225) (-)



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

Hexachlorobutadiene

Concen: 5.53 ng

RT: 11.373 min Scan# 1342

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

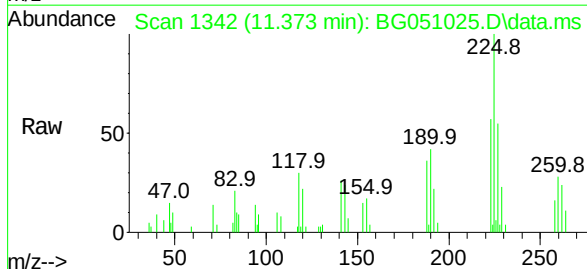
Tgt Ion:225 Resp: 10238

Ion Ratio Lower Upper

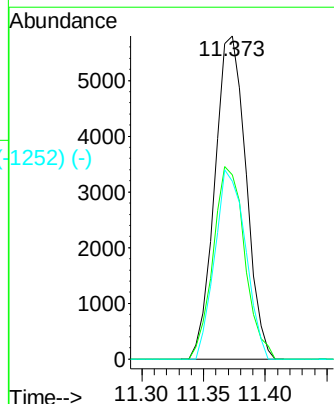
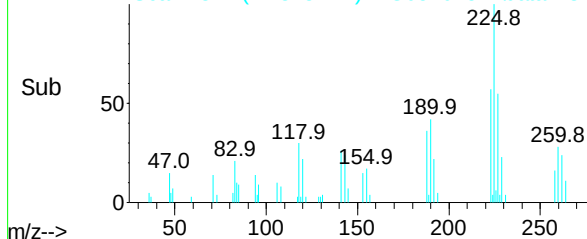
225 100

223 57.0 49.8 74.8

227 55.0 46.4 69.6

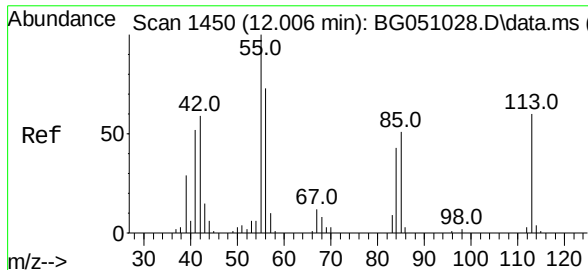


Abundance Scan 1342 (11.373 min): BG051025.D\data.ms (-1252) (-)



Abundance Scan 1342 (11.373 min): BG051025.D\data.ms (-1252) (-)

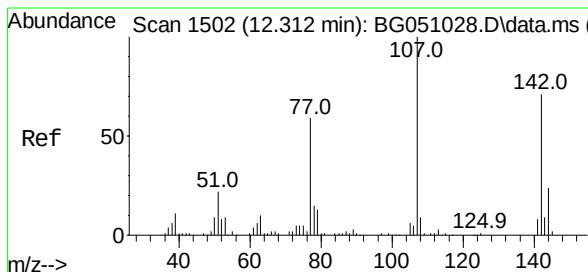
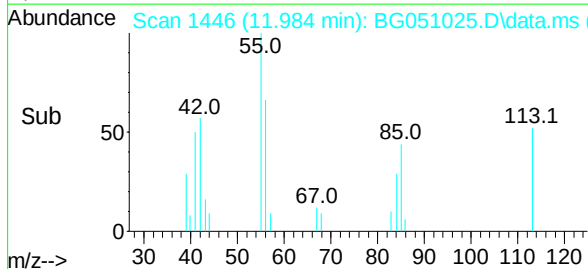
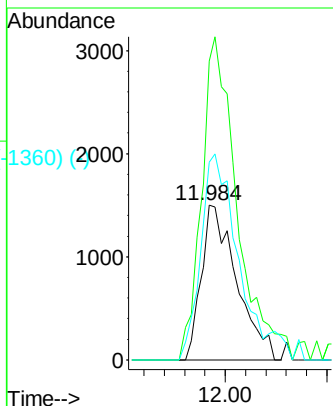
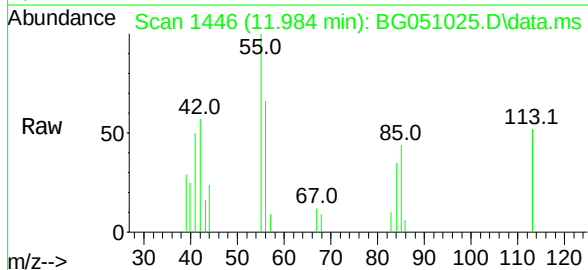




Caprolactam
Concen: 3.64 ng
RT: 11.984 min Scan# 1435
Delta R.T. -0.022 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

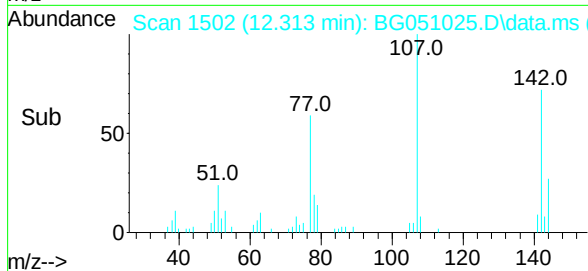
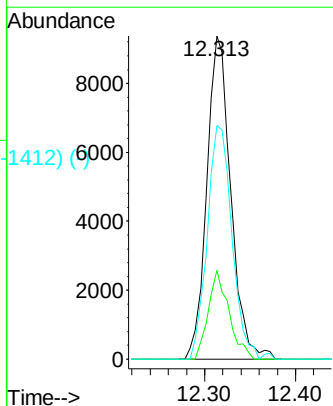
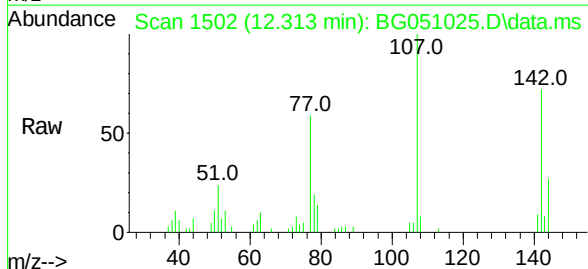
Instrument :
BNA_G
ClientSampleId :
SSTDIC005

Tgt Ion:113 Resp: 3621
Ion Ratio Lower Upper
113 100
55 192.8 113.8 153.8#
56 127.7 105.6 145.6



4-Chloro-3-methylphenol
Concen: 5.30 ng
RT: 12.313 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Tgt Ion:107 Resp: 17187
Ion Ratio Lower Upper
107 100
144 27.4 24.8 37.2
142 72.3 62.2 93.4



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

2-Methylnaphthalene

Concen: 5.67 ng

RT: 12.695 min Scan# 1567

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 35029

Ion Ratio Lower Upper

142 100

141 95.1 68.8 103.2

115 39.9 36.4 54.6

Abundance Scan 1567 (12.695 min): BG051025.D\data.ms

Ref

50

142.0

115.0

89.0

63.0

39.0

m/z-->

Abundance Scan 1567 (12.695 min): BG051025.D\data.ms (-1477) (-)

Ref

50

142.0

115.0

89.0

63.0

39.0

m/z-->

Abundance

20000

15000

10000

5000

0

12.695

12.70

Time-->

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

1-Methylnaphthalene

Concen: 5.66 ng

RT: 12.912 min Scan# 1604

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:142 Resp: 33904

Ion Ratio Lower Upper

142 100

141 96.3 70.6 106.0

116 6.0 4.0 6.0

Abundance Scan 1604 (12.912 min): BG051025.D\data.ms

Ref

50

142.0

115.0

202.7

237.6

63.0

m/z-->

Abundance Scan 1604 (12.912 min): BG051025.D\data.ms (-1519) (-)

Ref

50

142.0

115.0

202.7

237.6

63.0

m/z-->

Abundance

20000

15000

10000

5000

0

12.912

12.90

Time-->

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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.851 min Scan# 1629

Delta R.T. -0.005 min

Lab File: BG051025.D

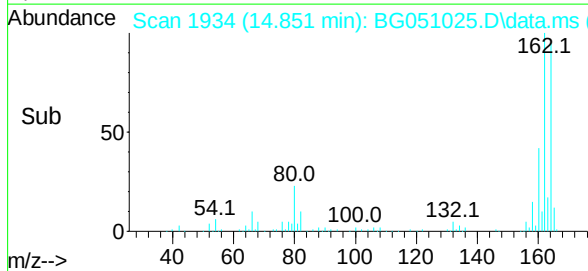
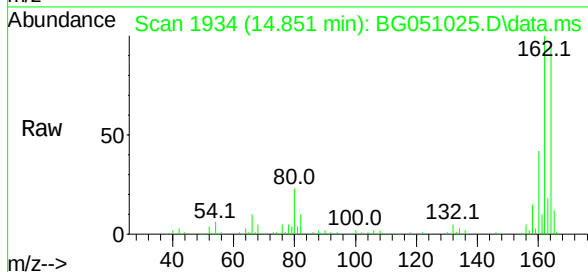
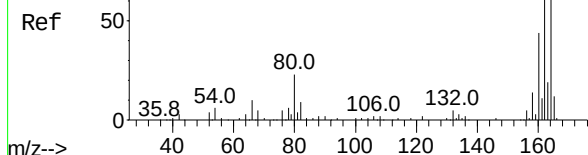
Acq: 13 Nov 2021 16:04

Instrument :

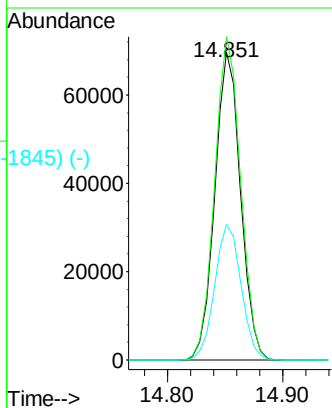
BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:	164	Resp:	108077
Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.4	122.0
160	44.1	34.9	52.3



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

1,2,4,5-Tetrachlorobenzene

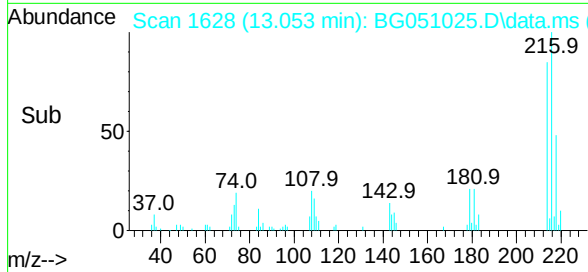
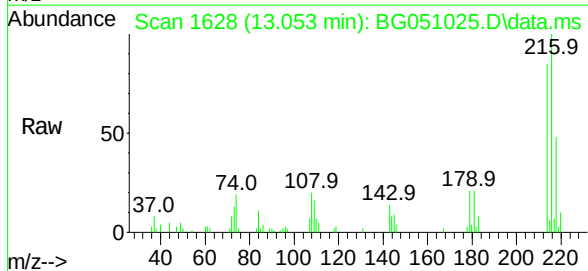
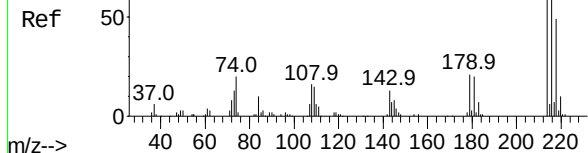
Concen: 5.75 ng

RT: 13.053 min Scan# 1628

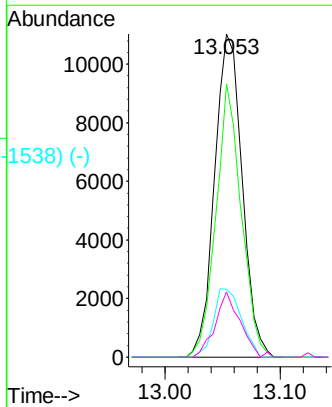
Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04



Tgt Ion:	216	Resp:	18343
Ion	Ratio	Lower	Upper
216	100		
214	77.6	61.4	92.2
179	21.3	17.3	25.9
108	18.3	16.3	24.5



Abundance Scan 1623 (13.023 min): BG051028.D\data.ms (-1614) (-)

Hexachlorocyclopentadiene

Concen: 1.58 ng

RT: 13.030 min Scan# 1623

Delta R.T. 0.007 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:237 Resp: 2919

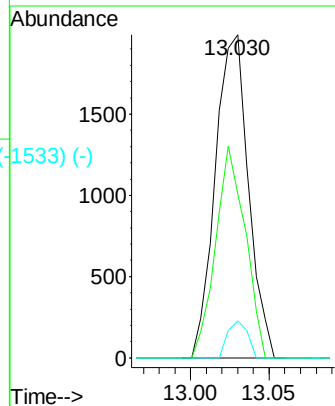
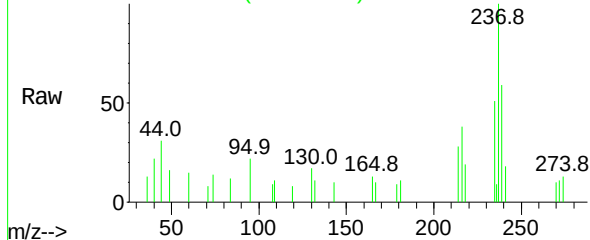
Ion Ratio Lower Upper

237 100

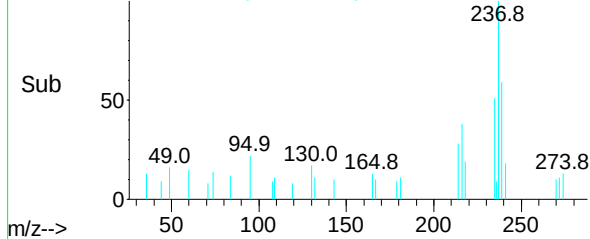
235 50.8 36.6 76.6

272 11.5 0.0 32.5

Abundance Scan 1624 (13.030 min): BG051025.D\data.ms



Abundance Scan 1624 (13.030 min): BG051025.D\data.ms (-1533) (-)



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

2,4,6-Tribromophenol

Concen: 11.35 ng

RT: 16.338 min Scan# 2187

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:330 Resp: 11696

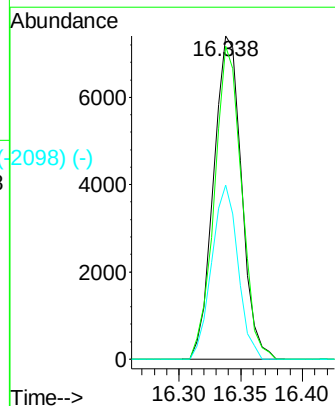
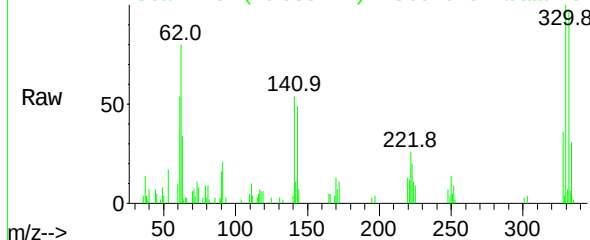
Ion Ratio Lower Upper

330 100

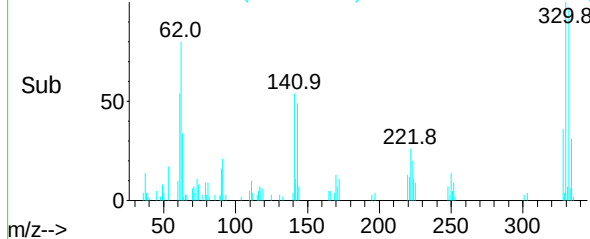
332 94.4 77.3 115.9

141 50.5 35.6 53.4

Abundance Scan 2187 (16.338 min): BG051025.D\data.ms



Abundance Scan 2187 (16.338 min): BG051025.D\data.ms (-2098) (-)



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

2,4,6-Trichlorophenol

Concen: 5.39 ng

RT: 13.288 min Scan# 1668

Delta R.T. 0.001 min

Lab File: BG051025.D

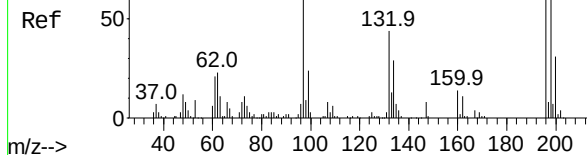
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDIC005



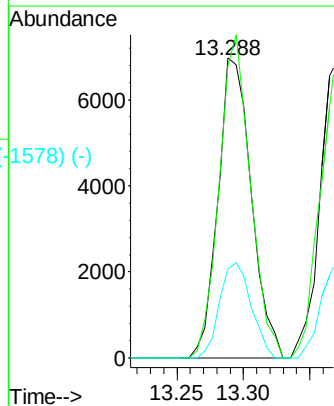
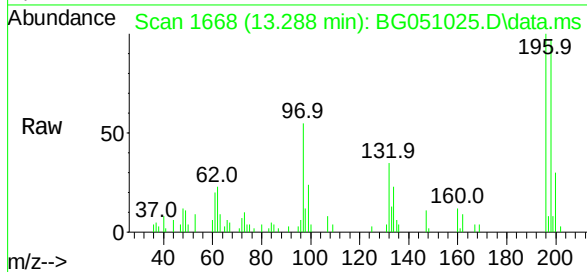
Tgt Ion:196 Resp: 12132

Ion Ratio Lower Upper

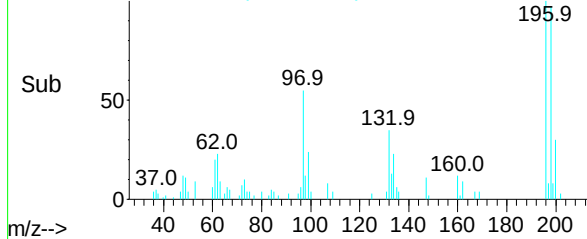
196 100

198 97.1 82.1 123.1

200 29.7 23.8 35.8



Abundance Scan 1668 (13.288 min): BG051025.D\data.ms (-1578) (-)



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

2,4,5-Trichlorophenol

Concen: 5.68 ng

RT: 13.371 min Scan# 1682

Delta R.T. 0.007 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:196 Resp: 13366

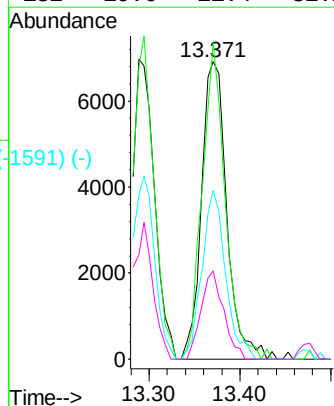
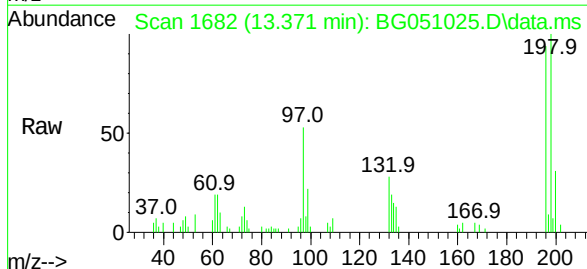
Ion Ratio Lower Upper

196 100

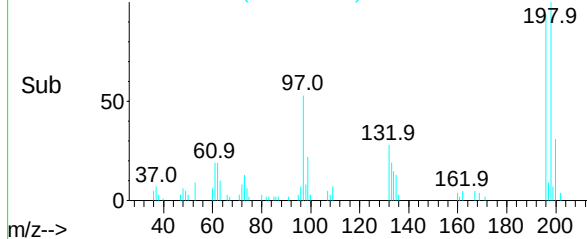
198 106.2 87.4 131.0

97 56.7 43.3 64.9

132 29.6 21.4 32.2



Abundance Scan 1682 (13.371 min): BG051025.D\data.ms (-1591) (-)



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

2-Fluorobiphenyl

Concen: 12.15 ng

RT: 13.476 min Scan# 1700

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:172 Resp: 87244

Ion Ratio Lower Upper

172 100

171 38.2 28.6 43.0

170 26.0 18.6 27.8

Abundance Scan 1700 (13.476 min): BG051025.D\data.ms

172.0

51.0 85.0 120.0 146.0 198.0

m/z-->

Raw

51.0 85.0 120.0 146.0 198.0

m/z-->

Abundance Scan 1700 (13.476 min): BG051025.D\data.ms (-1610) (-)

172.0

39.0 63.0 85.0 120.0 146.0 198.0

m/z-->

Sub

39.0 63.0 85.0 120.0 146.0 198.0

m/z-->

Abundance

13.476

50000

40000

30000

20000

10000

0

Time-->

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

1,1'-Biphenyl

Concen: 6.03 ng

RT: 13.688 min Scan# 1736

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:154 Resp: 47505

Ion Ratio Lower Upper

154 100

153 43.1 20.5 60.5

76 16.9 0.0 29.3

Abundance Scan 1736 (13.688 min): BG051025.D\data.ms

154.0

51.0 76.0 102.0 128.0

m/z-->

Raw

51.0 76.0 102.0 128.0

m/z-->

Abundance Scan 1736 (13.688 min): BG051025.D\data.ms (-1646) (-)

154.0

51.0 76.0 102.0 128.0

m/z-->

Sub

51.0 76.0 102.0 128.0

m/z-->

Abundance

13.688

30000

20000

10000

0

Time-->

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

2-Chloronaphthalene

Concen: 6.08 ng

RT: 13.735 min Scan# 1744

Delta R.T. 0.001 min

Lab File: BG051025.D

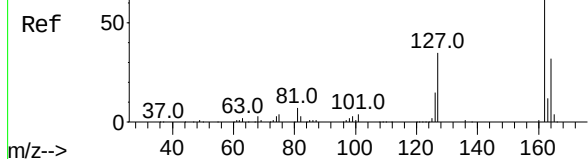
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



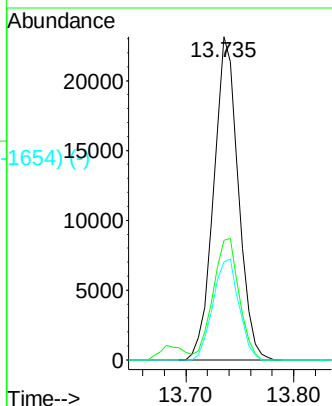
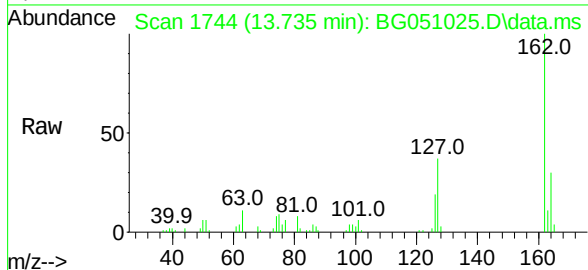
Tgt Ion:162 Resp: 36818

Ion Ratio Lower Upper

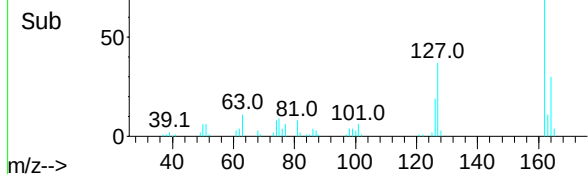
162 100

127 37.0 32.7 49.1

164 30.3 27.0 40.4



Abundance Scan 1744 (13.735 min): BG051025.D\data.ms (-1654) (-)



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

2-Nitroaniline

Concen: 5.53 ng

RT: 13.941 min Scan# 1779

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

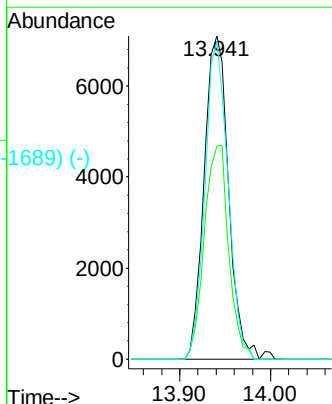
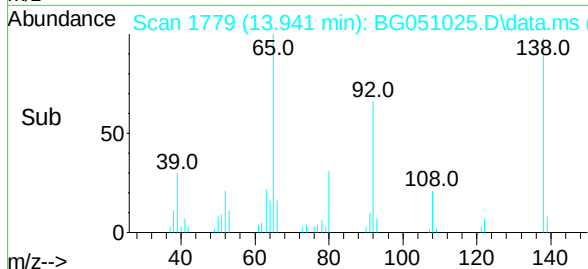
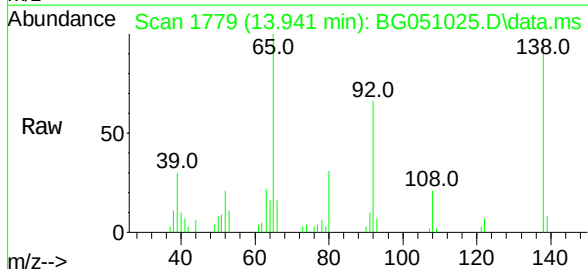
Tgt Ion: 65 Resp: 13323

Ion Ratio Lower Upper

65 100

92 65.9 47.2 70.8

138 98.4 68.0 102.0



Abundance Scan 1779 (13.941 min): BG051025.D\data.ms (-1689) (-)



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

Acenaphthylene

Concen: 5.94 ng

RT: 14.581 min Scan# 1888

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:152 Resp: 58875

Ion Ratio Lower Upper

152 100

151 19.8 18.2 27.4

153 13.7 11.7 17.5

Abundance Scan 1888 (14.581 min): BG051025.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): BG051025.D\data.ms (-1798) (-)

Sub 50

152.0

50.0 76.0 98.0 126.0

m/z-->

Abundance

14.581

30000

20000

10000

0

Time--> 14.50 14.55 14.60

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

Dimethylphthalate

Concen: 6.15 ng

RT: 14.293 min Scan# 1839

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:163 Resp: 50231

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

164 9.2 8.6 12.8

Abundance Scan 1839 (14.293 min): BG051025.D\data.ms

Ref 50

163.0

Raw 50

50.0 77.0 104.0 135.0 194.0

m/z-->

Abundance Scan 1839 (14.293 min): BG051025.D\data.ms (-1750) (-)

Sub 50

163.0

50.0 77.0 104.0 135.0 194.0

m/z-->

Abundance

14.293

30000

20000

10000

0

Time--> 14.30

Abundance Scan 1862 (14.427 min): BG051028.D\data.ms (-1754) (-)

2,6-Dinitrotoluene

Concen: 6.04 ng

RT: 14.422 min Scan# 1862

Delta R.T. -0.005 min

Lab File: BG051025.D

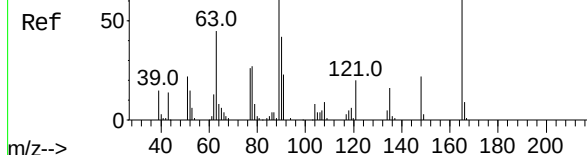
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



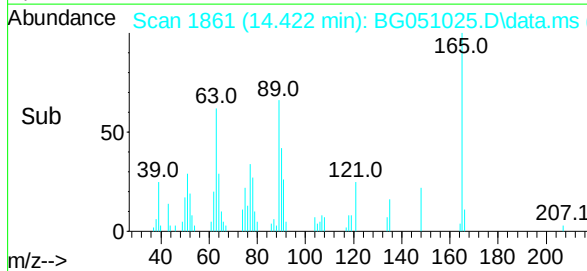
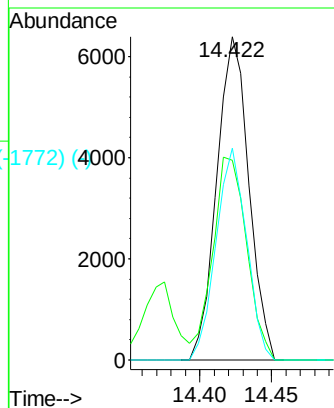
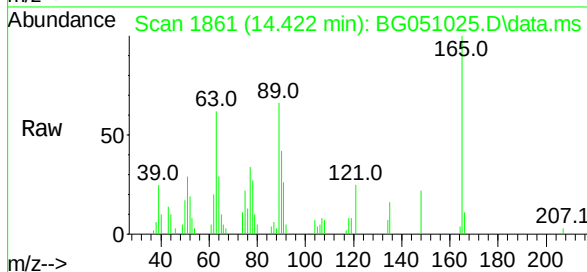
Tgt Ion:165 Resp: 9887

Ion Ratio Lower Upper

165 100

63 61.9 63.3 94.9#

89 65.6 63.4 95.0



Abundance Scan 1945 (14.915 min): BG051028.D\data.ms (-1950) (-)

Acenaphthene

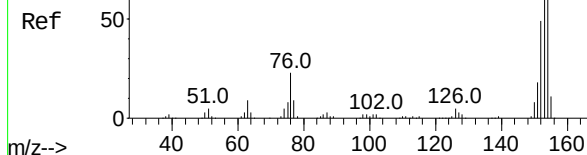
Concen: 5.39 ng

RT: 14.916 min Scan# 1945

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04



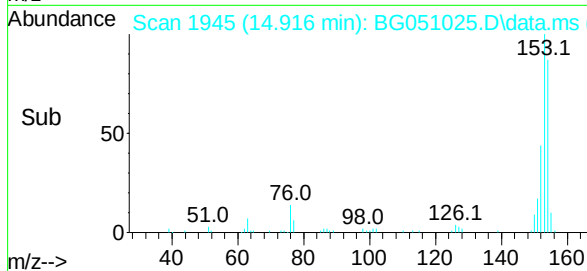
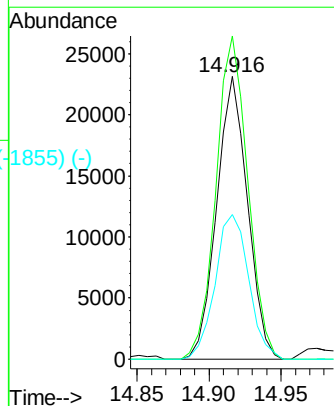
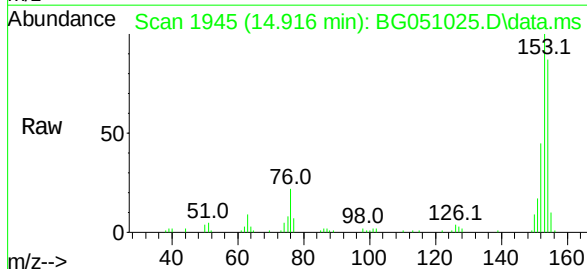
Tgt Ion:154 Resp: 34336

Ion Ratio Lower Upper

154 100

153 114.3 87.0 130.4

152 51.2 40.1 60.1



Abundance Scan 1918 (14.756 min): BG051028.D\data.ms (-1950) (-)

3-Nitroaniline

Concen: 5.62 ng

RT: 14.757 min Scan# 1950

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:138 Resp: 10876

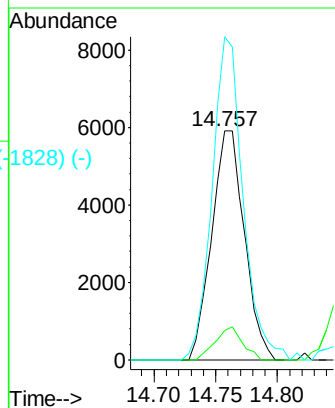
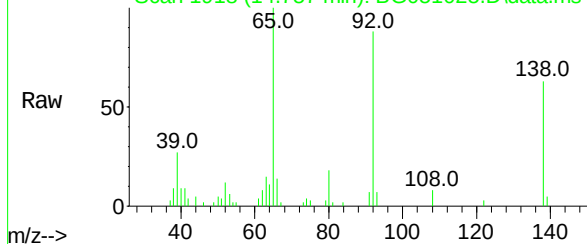
Ion Ratio Lower Upper

138 100

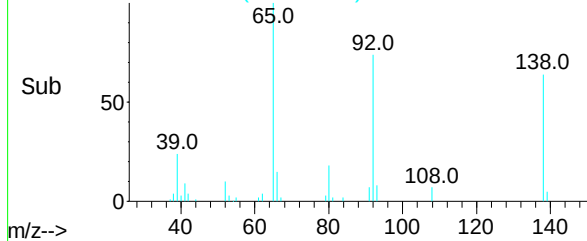
108 12.9 8.3 12.5#

92 140.9 96.4 144.6

Abundance Scan 1918 (14.757 min): BG051025.D\data.ms



Abundance Scan 1918 (14.757 min): BG051025.D\data.ms (-1828) (-)



Abundance Scan 1954 (14.968 min): BG051028.D\data.ms (-1950) (-)

2,4-Dinitrophenol

Concen: 2.77 ng

RT: 14.975 min Scan# 1955

Delta R.T. 0.007 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:184 Resp: 2807

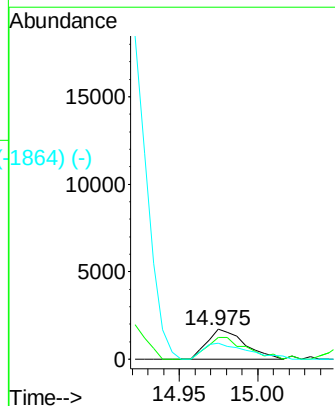
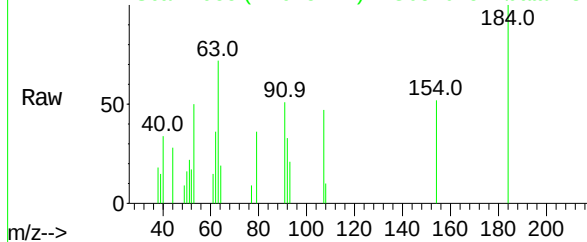
Ion Ratio Lower Upper

184 100

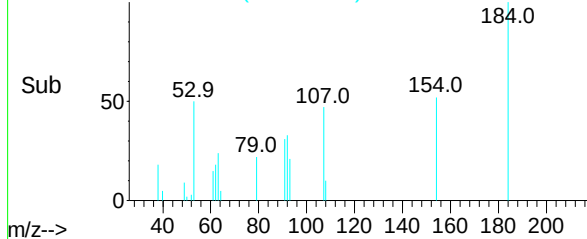
63 72.1 68.3 102.5

154 52.3 62.6 93.8#

Abundance Scan 1955 (14.975 min): BG051025.D\data.ms



Abundance Scan 1955 (14.975 min): BG051025.D\data.ms (-1864) (-)



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

Dibenzofuran

Concen: 5.91 ng

RT: 15.251 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051025.D

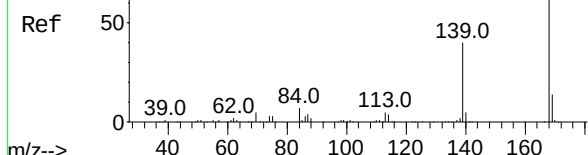
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



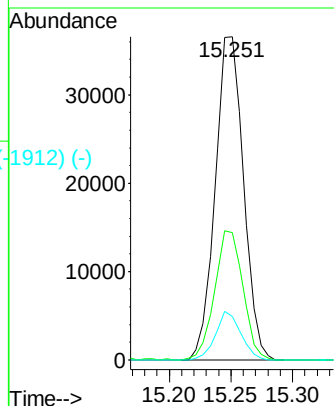
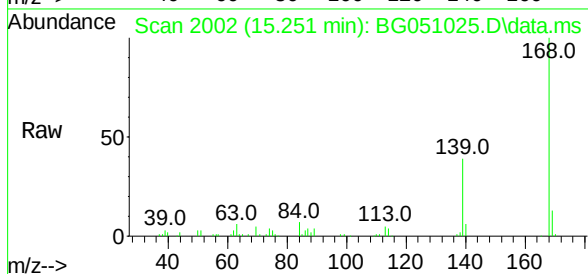
Tgt Ion:168 Resp: 58256

Ion Ratio Lower Upper

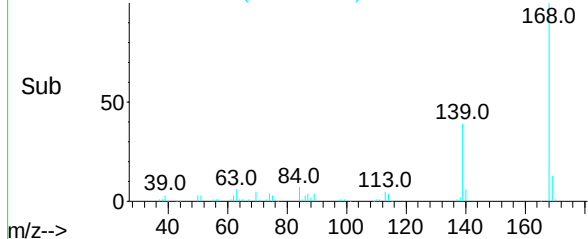
168 100

139 39.4 33.4 50.2

169 13.4 12.3 18.5



Abundance Scan 2002 (15.251 min): BG051025.D\data.ms (-1912) (-)



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

4-Nitrophenol

Concen: 4.97 ng

RT: 15.063 min Scan# 1970

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

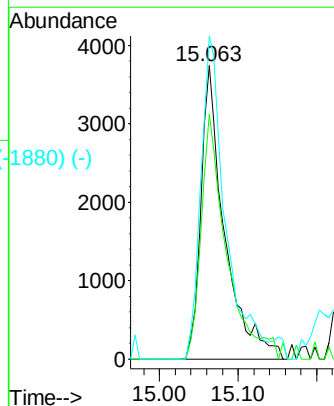
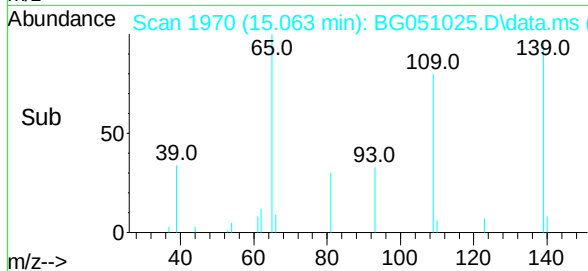
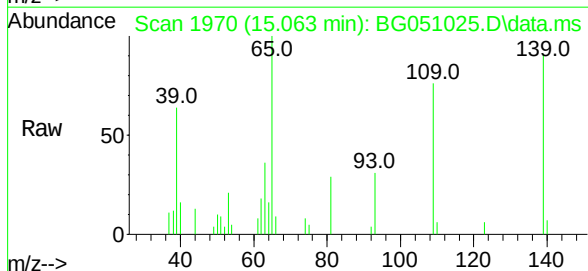
Tgt Ion:139 Resp: 7743

Ion Ratio Lower Upper

139 100

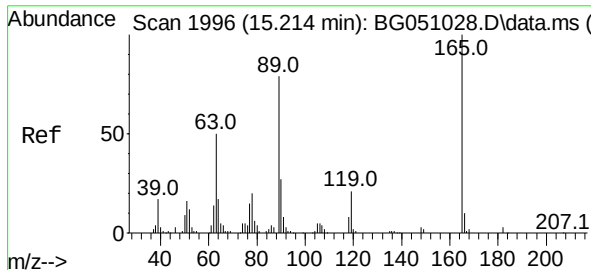
109 83.4 116.3 156.3#

65 110.1 105.0 145.0



Abundance Scan 1970 (15.063 min): BG051025.D\data.ms (-1880) (-)

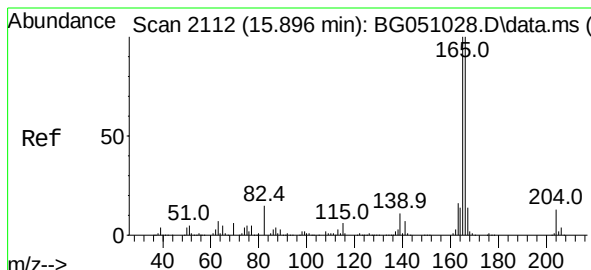
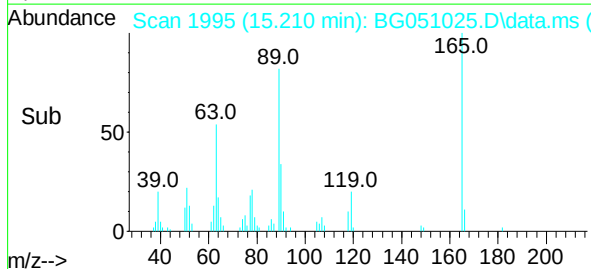
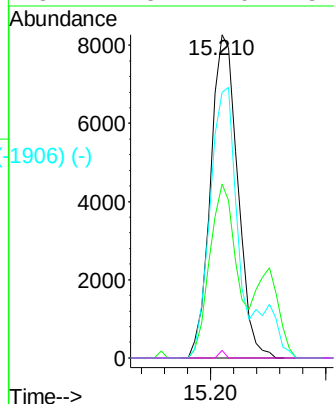
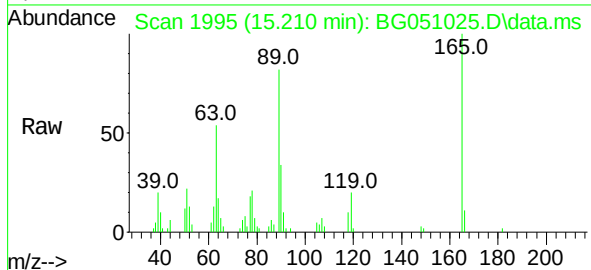




2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 15.210 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

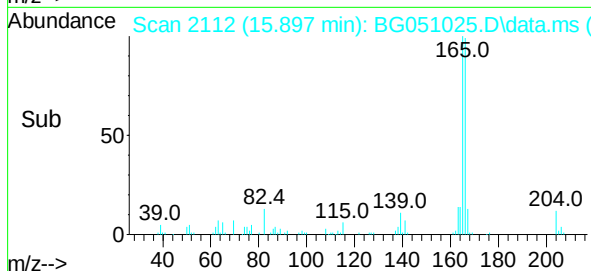
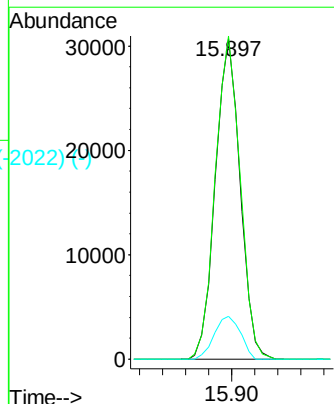
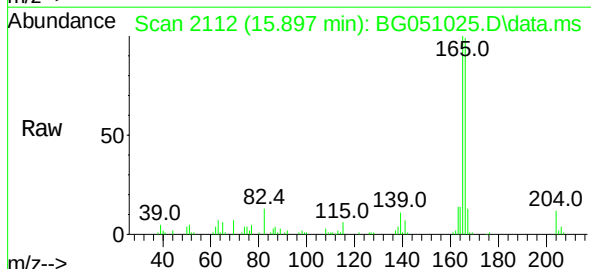
Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:	165	Resp:	13541
Ion	Ratio	Lower	Upper
165	100		
63	53.8	48.0	72.0
89	82.1	65.4	98.0
182	2.3	2.0	3.0



Fluorene
Concen: 6.08 ng
RT: 15.897 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Tgt Ion:	166	Resp:	46030
Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.7	116.5
167	13.2	10.8	16.2



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

2,3,4,6-Tetrachlorophenol

Concen: 5.19 ng

RT: 15.474 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051025.D

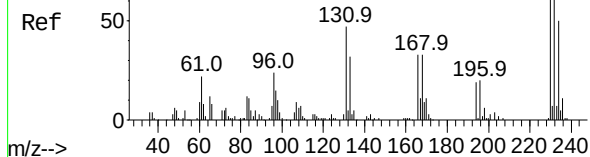
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:232 Resp: 10630

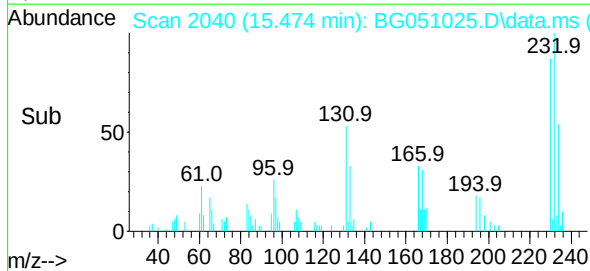
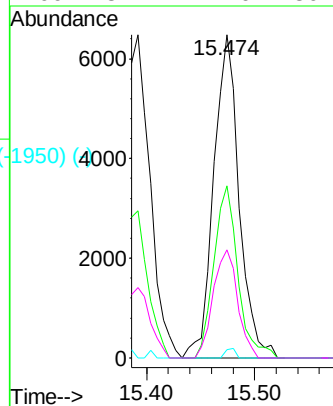
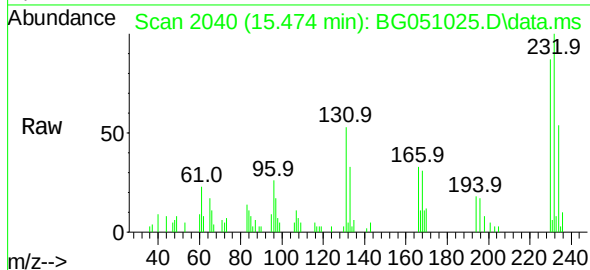
Ion Ratio Lower Upper

232 100

131 50.4 37.2 55.8

130 1.2 2.8 4.2#

166 32.2 24.0 36.0



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

Diethylphthalate

Concen: 6.20 ng

RT: 15.645 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

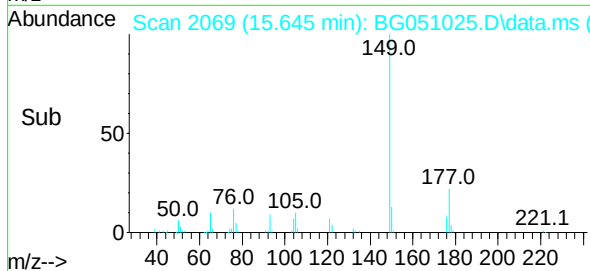
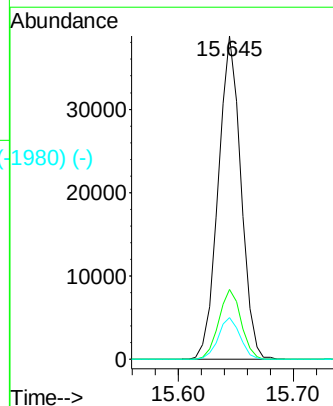
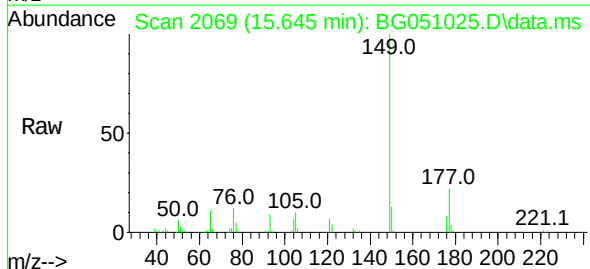
Tgt Ion:149 Resp: 53213

Ion Ratio Lower Upper

149 100

177 21.5 19.0 28.6

150 12.9 10.2 15.4



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

4-Chlorophenyl-phenylether

Concen: 5.96 ng

RT: 15.880 min Scan# 2109

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

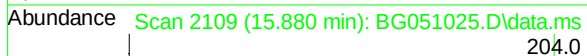
Instrument :

BNA_G

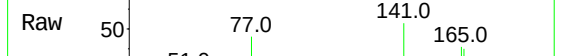
ClientSampleId :

SSTDIC005

Ref



Abundance Scan 2109 (15.880 min): BG051025.D\data.ms



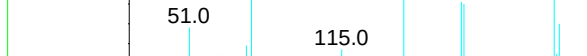
Raw



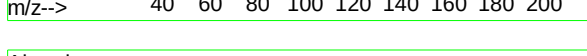
Sub



Abundance Scan 2109 (15.880 min): BG051025.D\data.ms (-2019) (-)



Sub



Abundance Scan 2116 (15.919 min): BG051028.D\data.ms (-2109) (-)



Ref



Abundance Scan 2116 (15.921 min): BG051025.D\data.ms



Raw



Sub



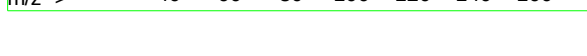
Abundance Scan 2116 (15.921 min): BG051025.D\data.ms (-2026) (-)



Sub



Abundance Scan 2116 (15.921 min): BG051025.D\data.ms (-2026) (-)



Sub



Abundance Scan 2116 (15.921 min): BG051025.D\data.ms (-2026) (-)



Sub



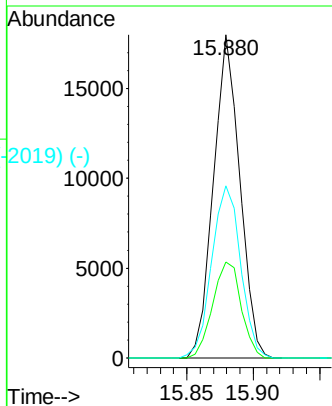
Tgt Ion:204 Resp: 24688

Ion Ratio Lower Upper

204 100

206 29.7 24.6 37.0

141 53.3 47.8 71.8



Abundance Scan 2116 (15.919 min): BG051028.D\data.ms (-2109) (-)

4-Nitroaniline

Concen: 5.81 ng

RT: 15.921 min Scan# 2116

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

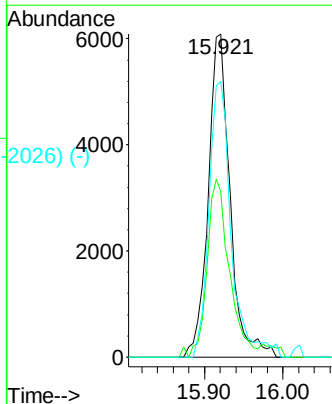
Tgt Ion:138 Resp: 11692

Ion Ratio Lower Upper

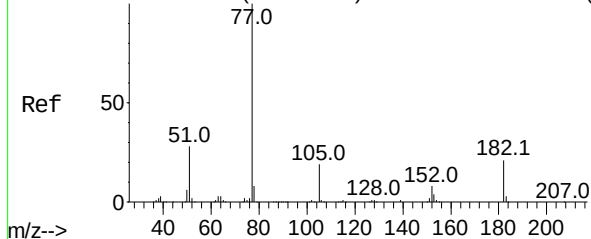
138 100

92 51.3 32.3 72.3

108 85.3 132.4 172.4#



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



Azobenzene

Concen: 5.59 ng

RT: 16.173 min Scan# 2159

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion: 77 Resp: 55514

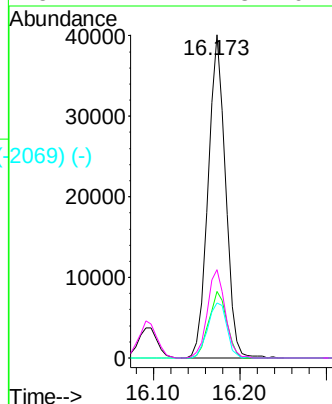
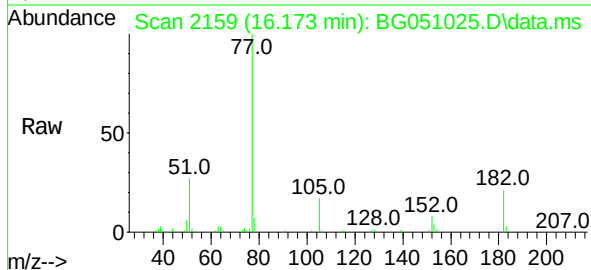
Ion Ratio Lower Upper

77 100

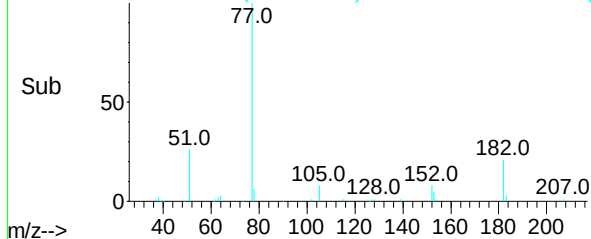
182 20.5 7.9 47.9

105 17.0 0.0 37.9

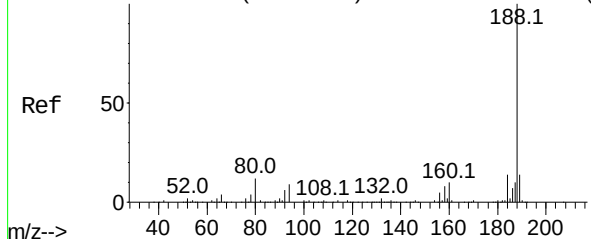
51 27.4 27.3 67.3



Abundance Scan 2159 (16.173 min): BG051025.D\data.ms (-2069) (-)



Abundance Scan 2402 (17.600 min): BG051028.D\data.ms (-2394) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.601 min Scan# 2402

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

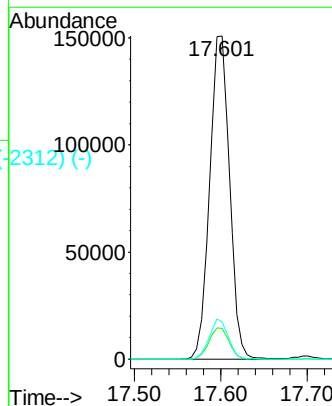
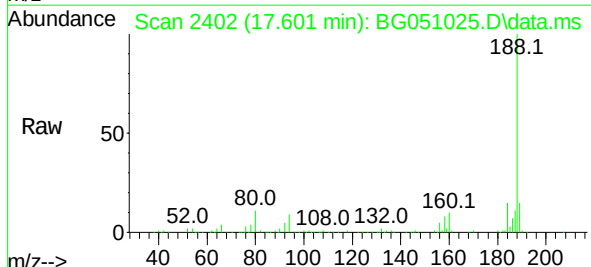
Tgt Ion: 188 Resp: 241035

Ion Ratio Lower Upper

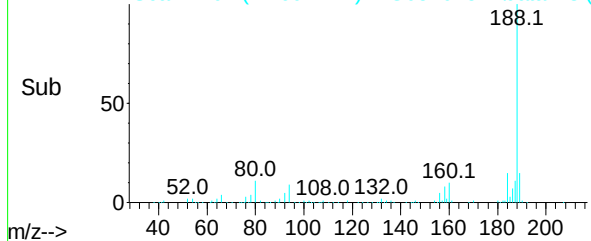
188 100

94 9.5 5.4 8.0#

80 11.4 3.7 5.5#



Abundance Scan 2402 (17.601 min): BG051025.D\data.ms (-2312) (-)



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

4,6-Dinitro-2-methylphenol

Concen: 4.89 ng

RT: 15.979 min Scan# 2125

Delta R.T. 0.007 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:198 Resp: 7074

Ion Ratio Lower Upper

198 100

51 57.0 29.4 69.4

105 42.2 15.1 55.1

Abundance Scan 2126 (15.979 min): BG051025.D\data.ms

Ref

51.0 77.0 105.0 134.0 168.0 198.0

m/z-->

Abundance Scan 2126 (15.979 min): BG051025.D\data.ms

Raw

51.0 77.0 105.0 138.0 168.0 198.0

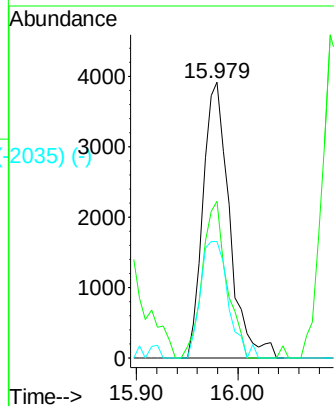
m/z-->

Abundance Scan 2126 (15.979 min): BG051025.D\data.ms (-2035) (-)

Sub

51.0 77.0 105.0 138.0 168.0 198.0

m/z-->



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

n-Nitrosodiphenylamine

Concen: 5.81 ng

RT: 16.097 min Scan# 2146

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:169 Resp: 39825

Ion Ratio Lower Upper

169 100

168 67.2 56.3 84.5

167 38.8 28.4 42.6

Abundance Scan 2146 (16.097 min): BG051025.D\data.ms

Ref

51.0 83.5 115.0 141.0 169.1 207.0

m/z-->

Abundance Scan 2146 (16.097 min): BG051025.D\data.ms

Raw

51.0 83.5 115.0 141.0 169.1 207.0

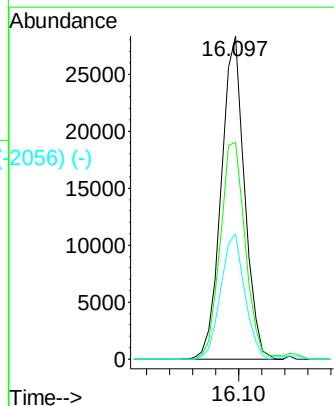
m/z-->

Abundance Scan 2146 (16.097 min): BG051025.D\data.ms (-2056) (-)

Sub

51.0 83.5 115.0 141.0 169.1 207.0

m/z-->



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

4-Bromophenyl-phenylether

Concen: 5.89 ng

RT: 16.778 min Scan# 2262

Delta R.T. 0.001 min

Lab File: BG051025.D

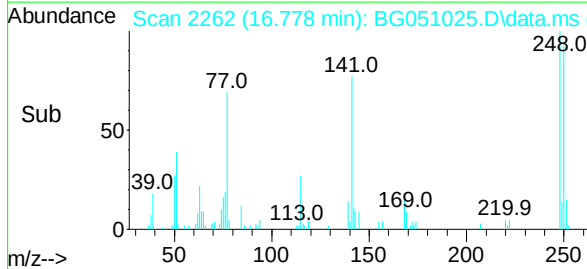
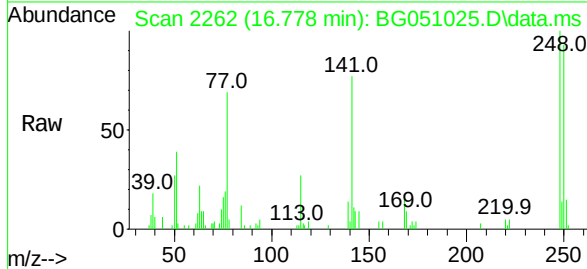
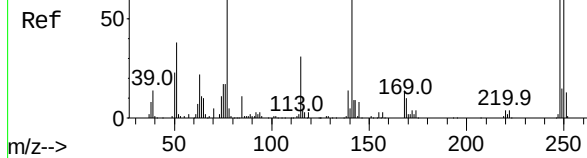
Acq: 13 Nov 2021 16:04

Instrument :

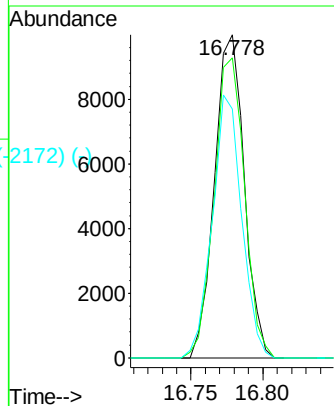
BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:	248	Resp:	14311
Ion Ratio	Lower	Upper	
248	100		
250	92.9	76.1	114.1
141	77.0	65.4	98.2



Abundance Scan 2283 (16.901 min): BG051028.D\data.ms (-2283) (-)

Hexachlorobenzene

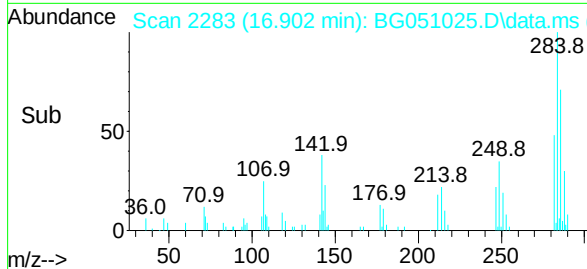
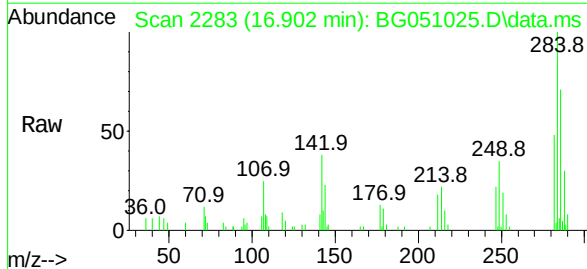
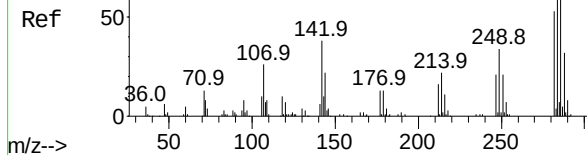
Concen: 5.90 ng

RT: 16.902 min Scan# 2283

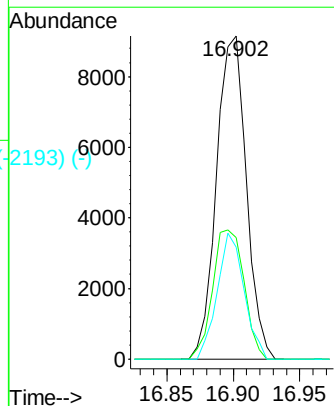
Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04



Tgt Ion:	284	Resp:	14244
Ion Ratio	Lower	Upper	
284	100		
142	37.7	27.0	40.6
249	34.6	28.2	42.2



Abundance Scan 2306 (17.036 min): BG051028.D\data.ms (-2269) (-)

Atrazine

Concen: 3.64 ng

RT: 17.037 min Scan# 2306

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 9807

Ion Ratio Lower Upper

200 100

173 26.0 3.7 43.7

215 48.9 26.9 66.9

Abundance Scan 2306 (17.037 min): BG051025.D\data.ms

200.0

58.0

92.5

138.1

281.1

m/z-->

Abundance Scan 2306 (17.037 min): BG051025.D\data.ms (-2216) (-)

200.0

58.0

92.5

138.1

281.1

m/z-->

Abundance

17.037

6000

4000

2000

0

Time-->

17.00 17.05

Abundance Scan 2341 (17.241 min): BG051028.D\data.ms (-2374) (-)

Pentachlorophenol

Concen: 3.83 ng

RT: 17.249 min Scan# 2342

Delta R.T. 0.007 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:266 Resp: 6295

Ion Ratio Lower Upper

266 100

268 73.7 49.0 73.4#

264 53.3 49.0 73.6

Abundance Scan 2342 (17.249 min): BG051025.D\data.ms

265.8

166.8

201.8

44.0

94.9

129.9

265.8

m/z-->

Abundance Scan 2342 (17.249 min): BG051025.D\data.ms (-2251) (-)

265.8

166.8

201.8

60.0

94.9

129.9

265.8

m/z-->

Abundance

17.249

3000

2000

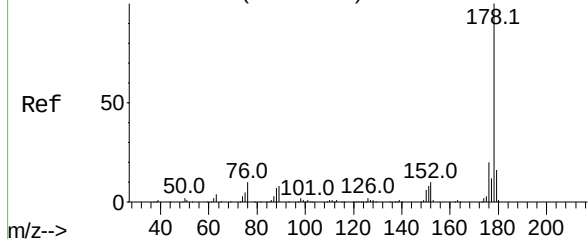
1000

0

Time-->

17.20 17.30

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



Phenanthrene

Concen: 6.04 ng

RT: 17.642 min Scan# 2409

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

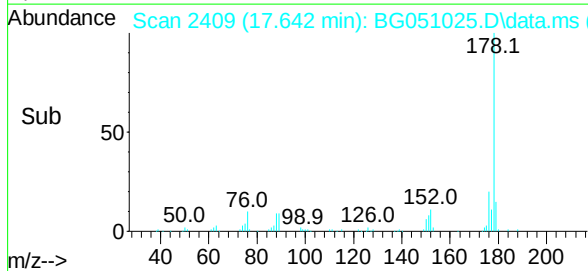
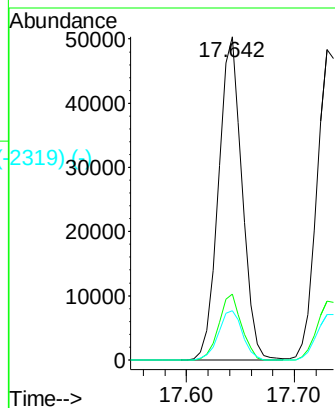
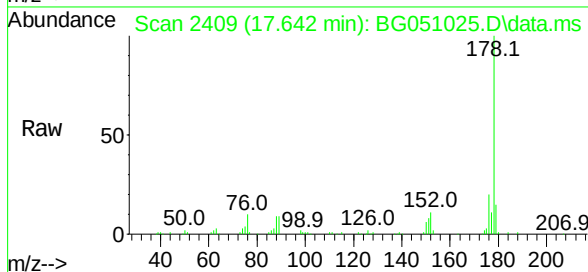
Tgt Ion:178 Resp: 76766

Ion Ratio Lower Upper

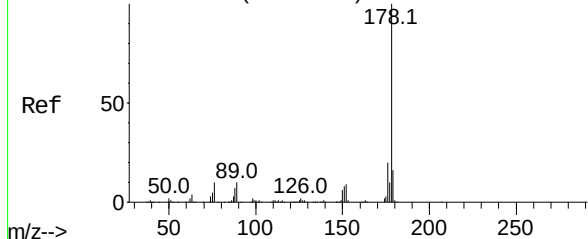
178 100

176 20.3 16.0 24.0

179 15.2 14.2 21.4



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



Anthracene

Concen: 6.10 ng

RT: 17.730 min Scan# 2424

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

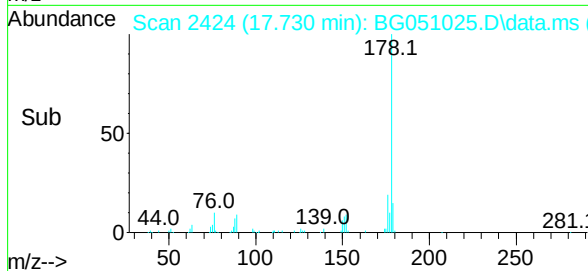
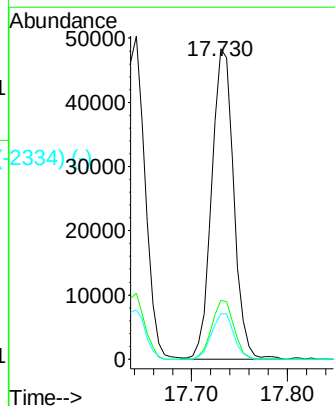
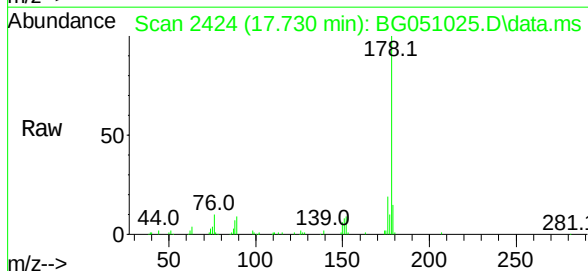
Tgt Ion:178 Resp: 77009

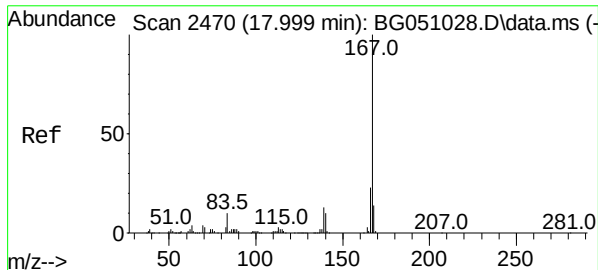
Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 14.6 13.4 20.0

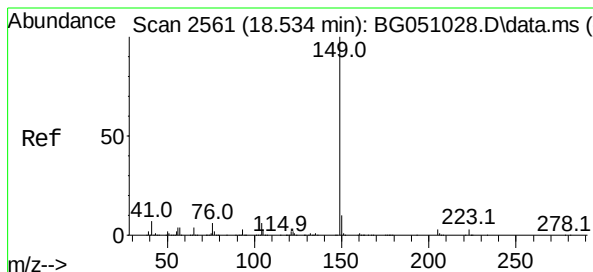
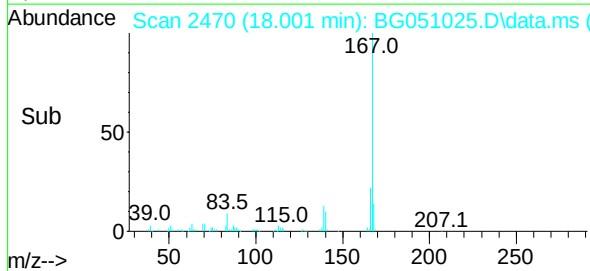
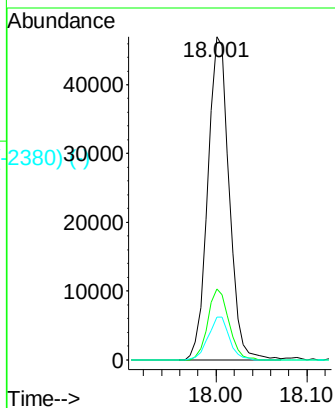
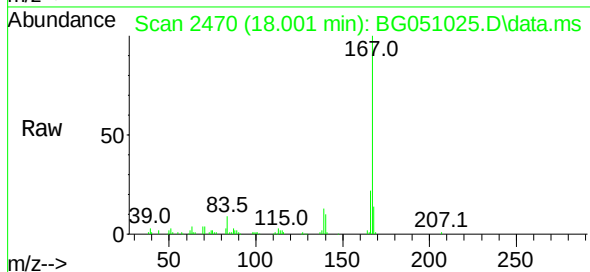




Carbazole
Concen: 6.10 ng
RT: 18.001 min Scan# 2470
Delta R.T. 0.001 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

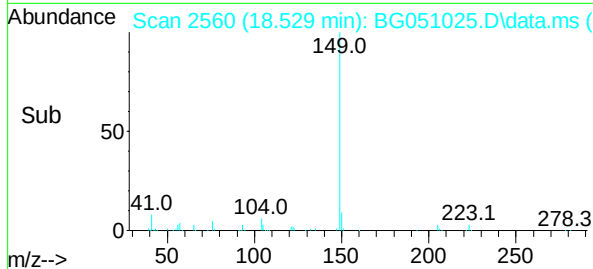
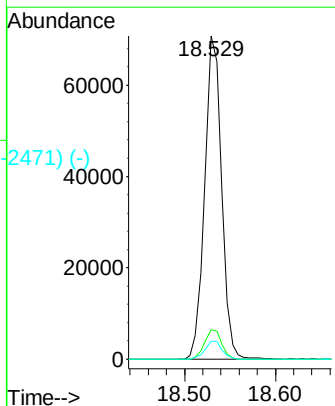
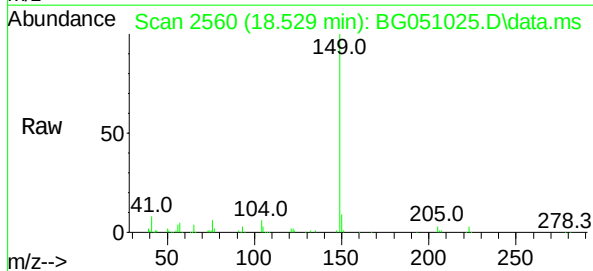
Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 76741
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.2
139 13.3 10.7 16.1

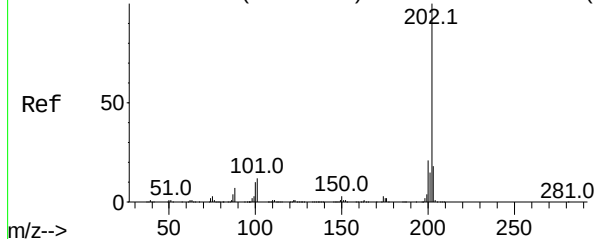


Di-n-butylphthalate
Concen: 6.20 ng
RT: 18.529 min Scan# 2560
Delta R.T. -0.005 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Tgt Ion:149 Resp: 91497
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.6 6.6 10.0#



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



Fluoranthene

Concen: 6.04 ng

RT: 19.640 min Scan# 2749

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

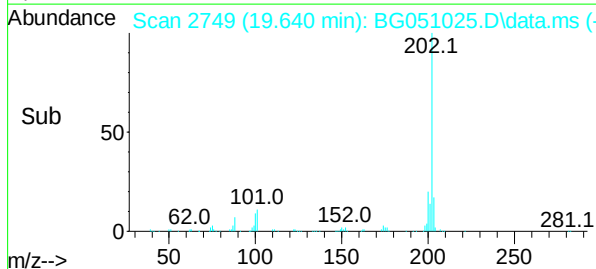
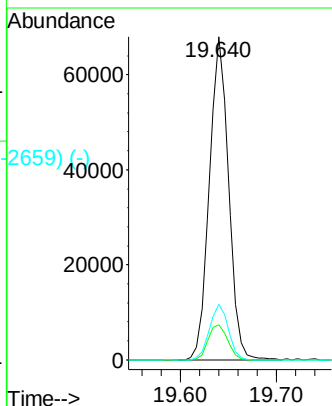
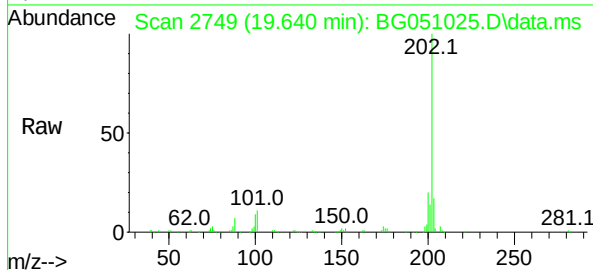
Tgt Ion:202 Resp: 94264

Ion Ratio Lower Upper

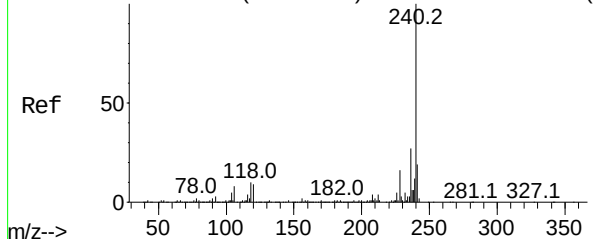
202 100

101 10.9 0.0 24.7

203 17.3 0.0 38.5



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



Chrysene-d12

Concen: 20.00 ng

RT: 21.896 min Scan# 3133

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

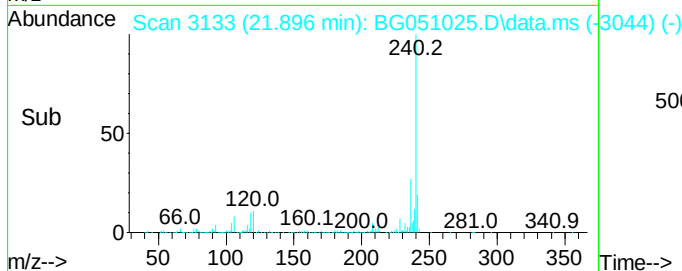
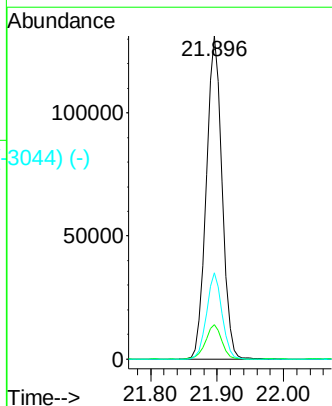
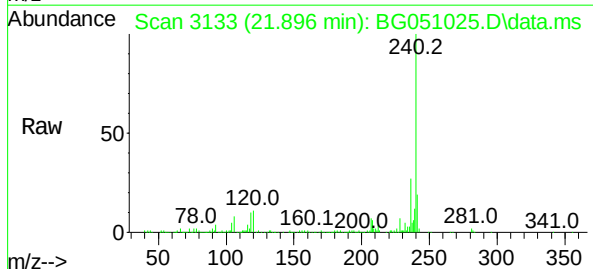
Tgt Ion:240 Resp: 217303

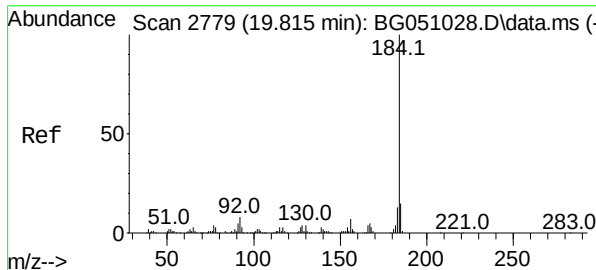
Ion Ratio Lower Upper

240 100

120 10.8 4.2 6.2#

236 26.8 21.8 32.6





Benzidine

Concen: 3.72 ng

RT: 19.816 min Scan# 2779

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

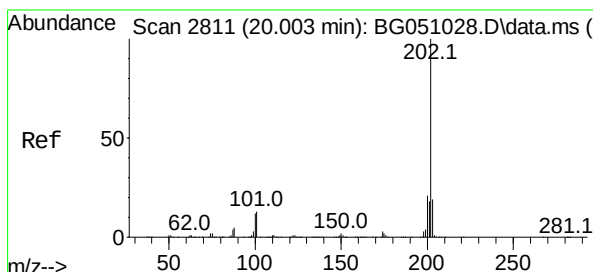
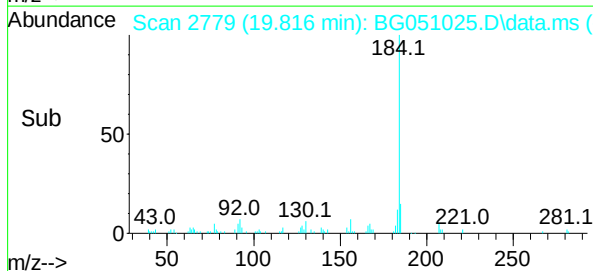
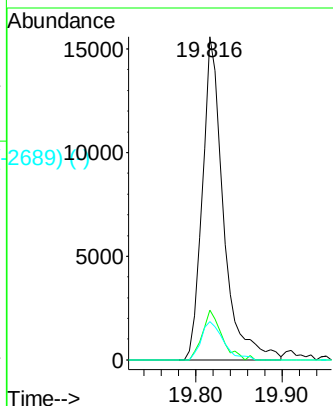
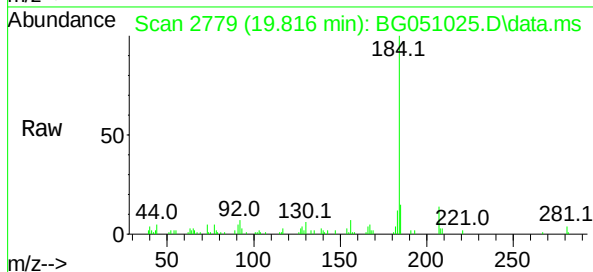
Tgt Ion:184 Resp: 26209

Ion Ratio Lower Upper

184 100

185 15.4 10.7 16.1

183 11.9 9.4 14.0



Pyrene

Concen: 6.28 ng

RT: 20.004 min Scan# 2811

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

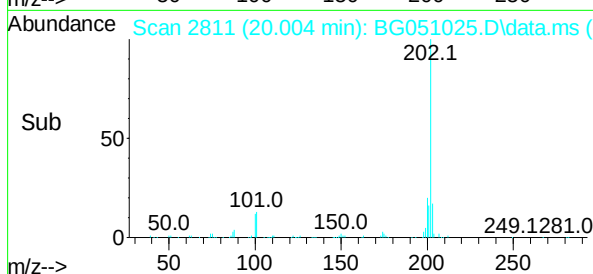
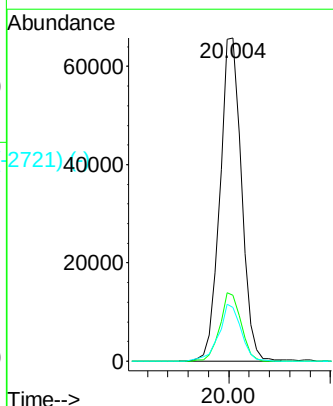
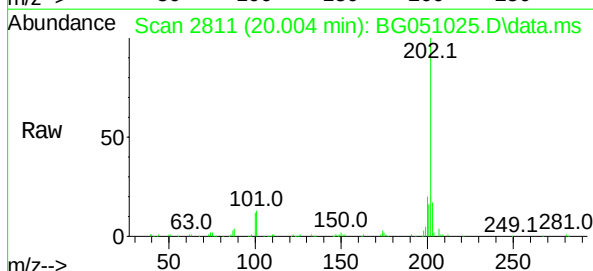
Tgt Ion:202 Resp: 96899

Ion Ratio Lower Upper

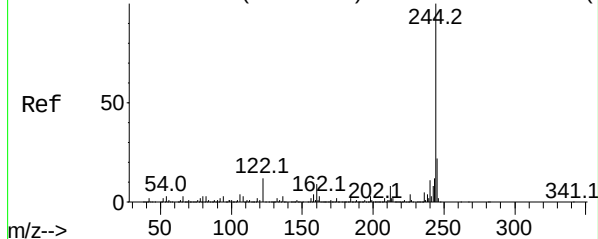
202 100

200 20.3 15.8 23.8

203 16.5 14.6 21.8



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



Terphenyl-d14

Concen: 13.15 ng

RT: 20.186 min Scan# 2842

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

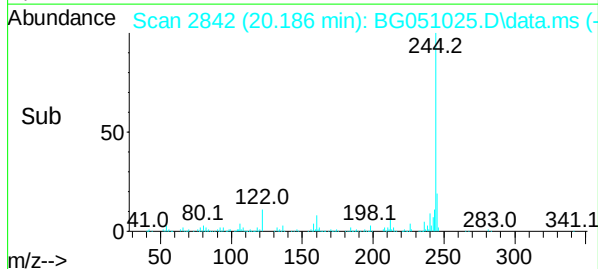
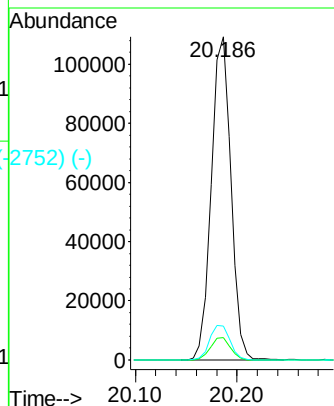
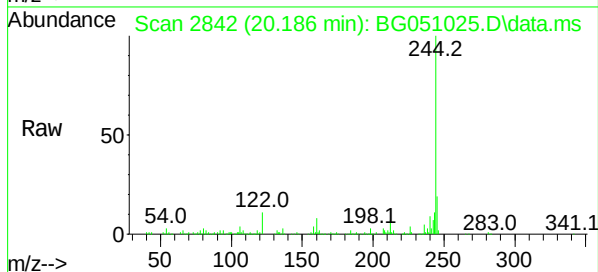
Tgt Ion:244 Resp: 146650

Ion Ratio Lower Upper

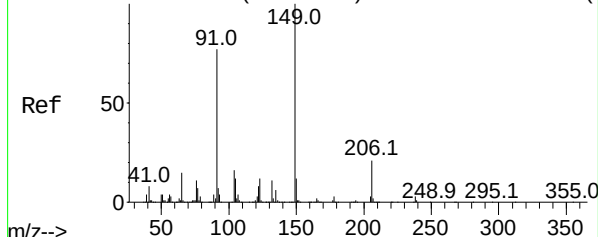
244 100

212 6.9 6.9 10.3

122 10.6 5.0 7.6#



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



Butylbenzylphthalate

Concen: 6.11 ng

RT: 20.868 min Scan# 2958

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

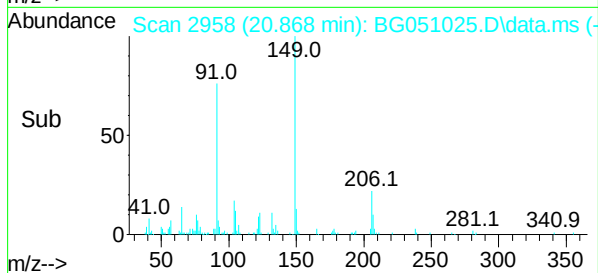
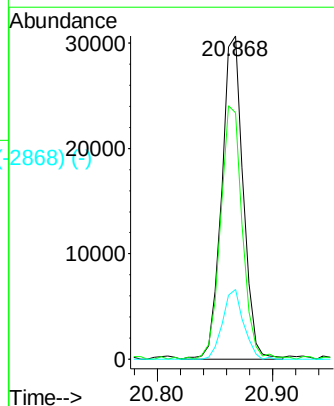
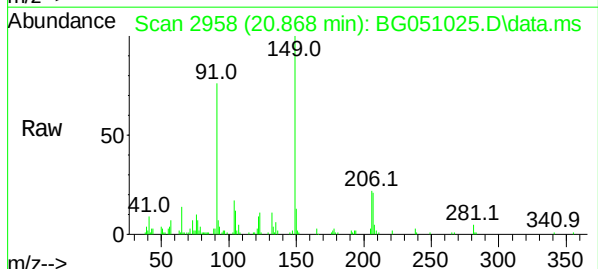
Tgt Ion:149 Resp: 39840

Ion Ratio Lower Upper

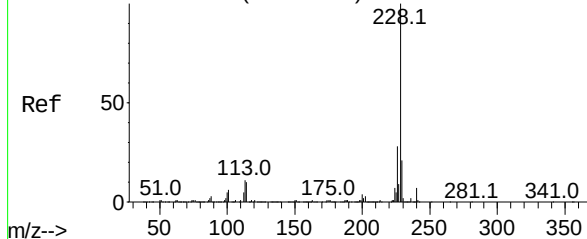
149 100

91 76.2 63.4 95.2

206 21.6 18.4 27.6



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



Benzo(a)anthracene

Concen: 6.10 ng

RT: 21.873 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

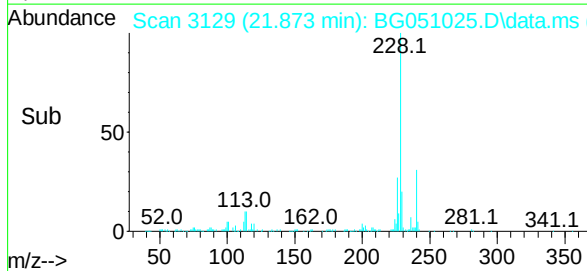
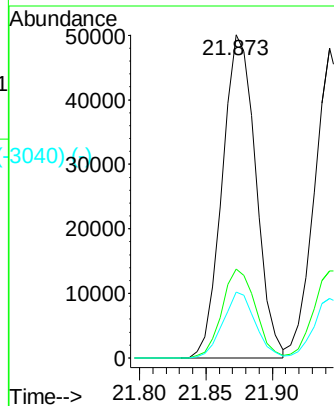
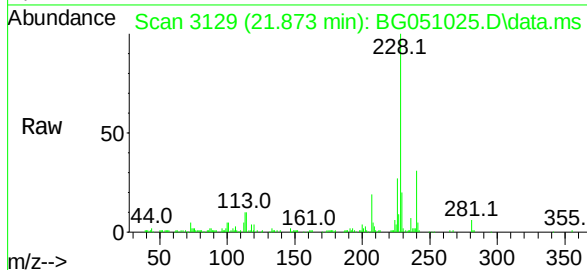
Tgt Ion:228 Resp: 87642

Ion Ratio Lower Upper

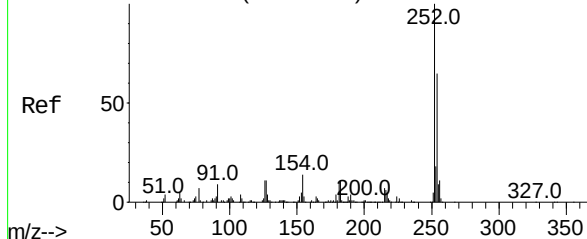
228 100

226 27.5 22.7 34.1

229 20.4 16.0 24.0



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



3,3'-Dichlorobenzidine

Concen: 8.21 ng

RT: 21.779 min Scan# 3113

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

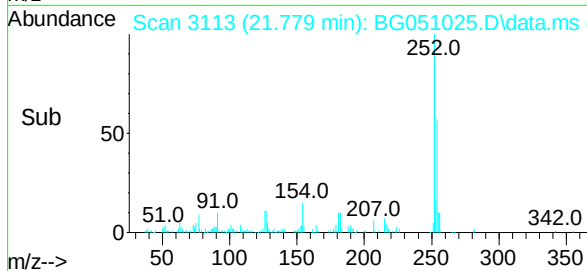
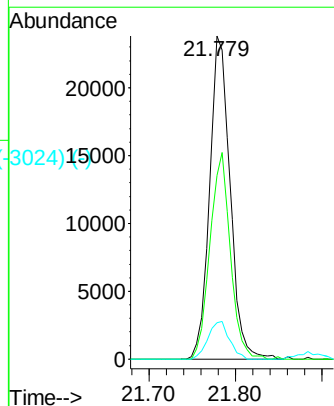
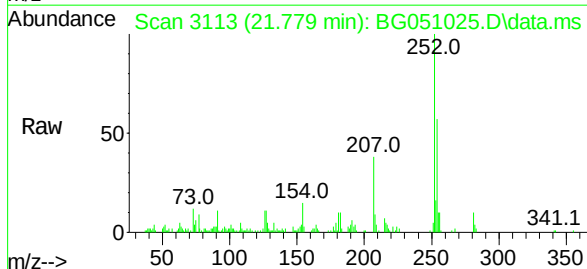
Tgt Ion:252 Resp: 39126

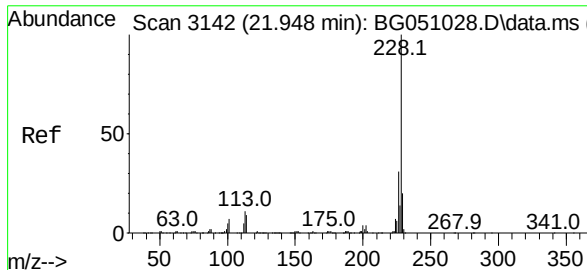
Ion Ratio Lower Upper

252 100

254 56.8 52.4 78.6

126 11.3 5.9 8.9#





#33 (-)

Chrysene

Concen: 6.09 ng

RT: 21.943 min Scan# 3142

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

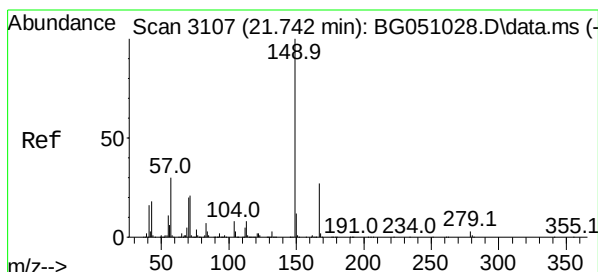
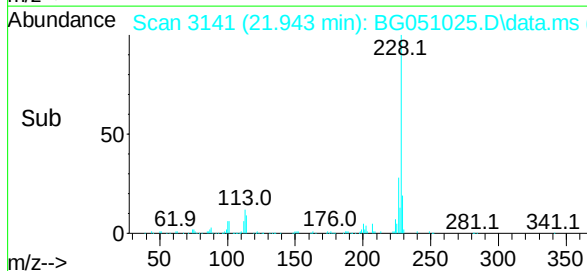
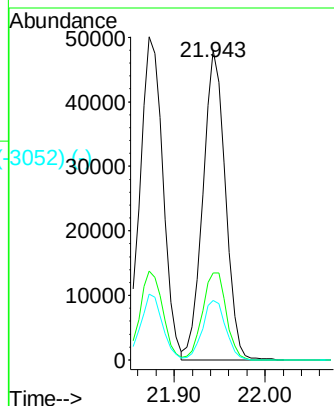
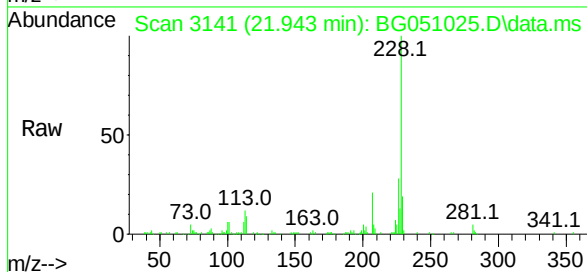
Tgt Ion:228 Resp: 82411

Ion Ratio Lower Upper

228 100

226 28.1 23.1 34.7

229 19.3 15.3 22.9



#34 (-)

Bis(2-ethylhexyl)phthalate

Concen: 6.09 ng

RT: 21.743 min Scan# 3107

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

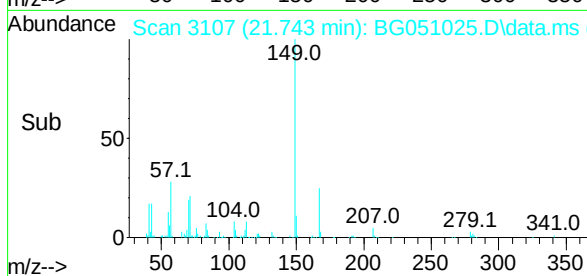
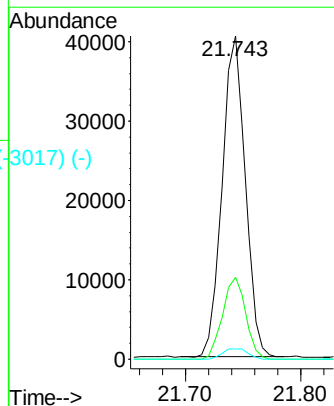
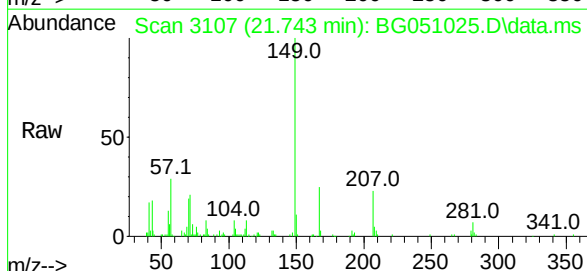
Tgt Ion:149 Resp: 56438

Ion Ratio Lower Upper

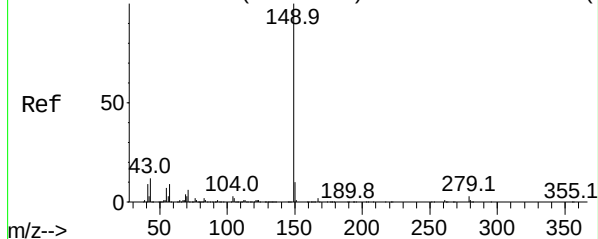
149 100

167 25.3 22.3 33.5

279 3.1 3.8 5.8#



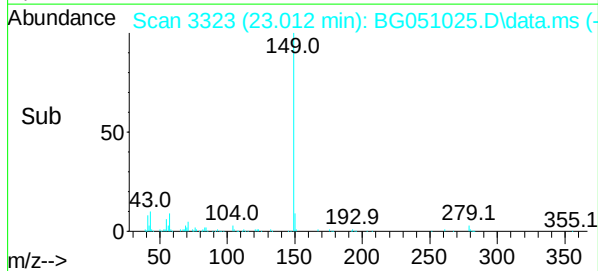
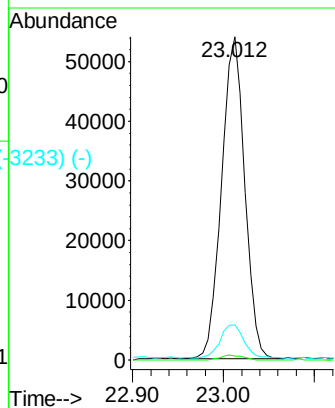
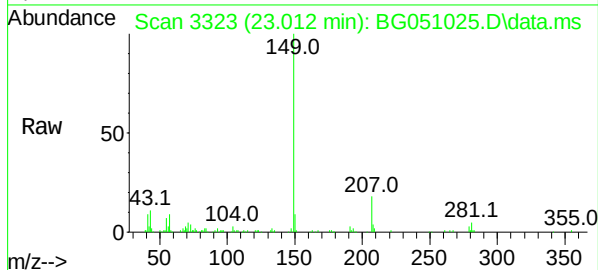
Abundance Scan 3323 (23.011 min): BG051028.D\data.ms (-3323) (-)



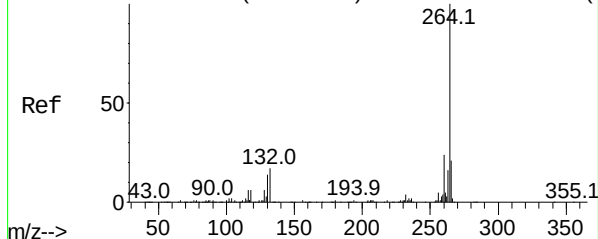
Di-n-octyl phthalate
Concen: 6.17 ng
RT: 23.012 min Scan# 3323
Delta R.T. 0.001 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:	149	Resp:	95326
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.4	2.2#
43	10.7	8.6	12.8

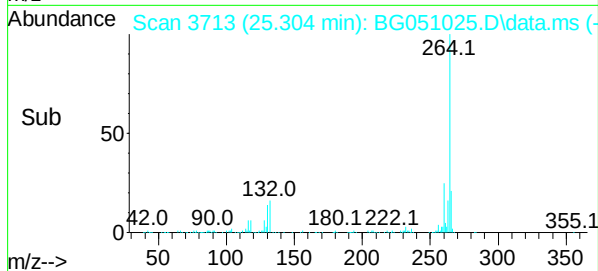
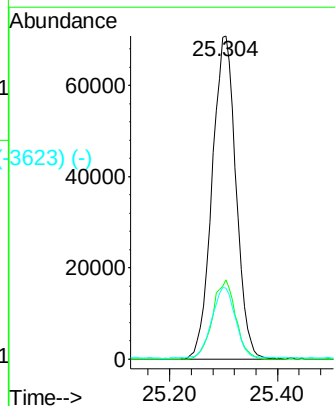
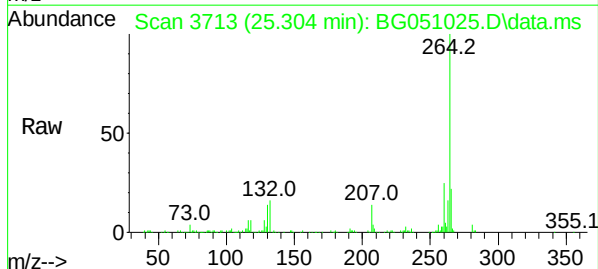


Abundance Scan 3713 (25.303 min): BG051028.D\data.ms (-3696) (-)

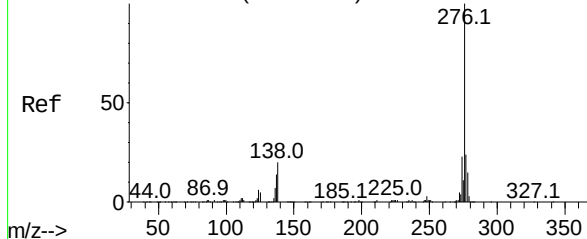


Perylene-d12
Concen: 20.00 ng
RT: 25.304 min Scan# 3713
Delta R.T. 0.001 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Tgt Ion:	264	Resp:	217744
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	22.0	16.9	25.3



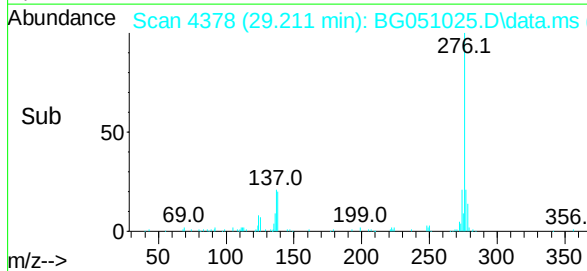
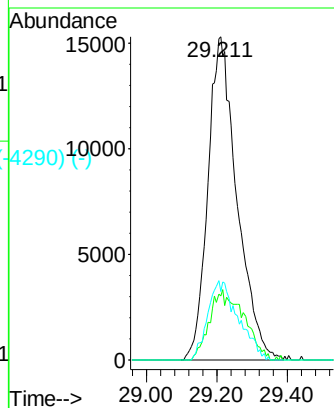
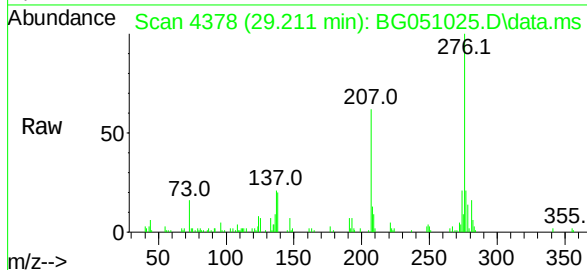
Abundance Scan 4380 (29.222 min): BG051028.D\data.ms (-4387) (-)



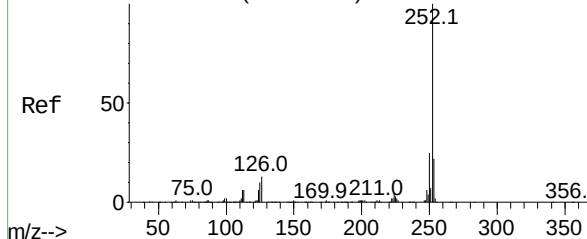
Indeno(1,2,3-cd)pyrene
Concen: 5.80 ng
RT: 29.211 min Scan# 4387
Delta R.T. -0.011 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:	276	Resp:	87933
Ion Ratio	Lower	Upper	
276	100		
138	25.4	5.1	7.7#
277	11.2	19.8	29.6#

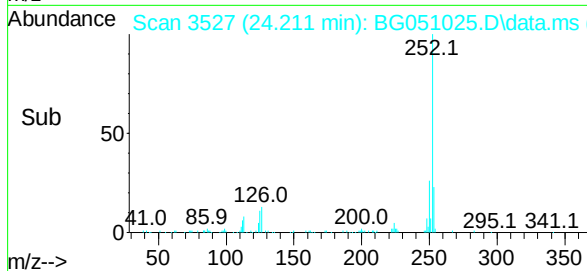
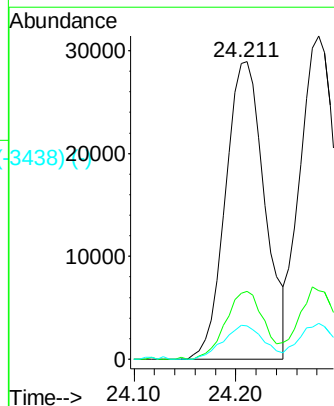
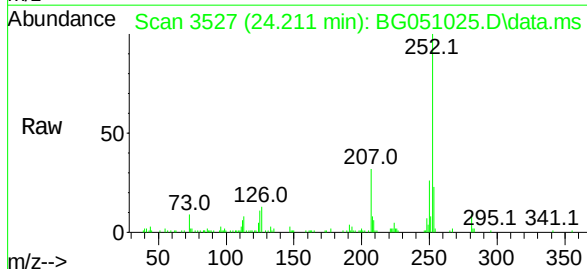


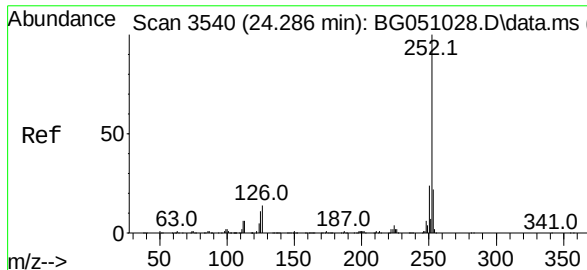
Abundance Scan 3528 (24.216 min): BG051028.D\data.ms (-3524) (-)



Benzo(b)fluoranthene
Concen: 5.84 ng
RT: 24.211 min Scan# 3527
Delta R.T. -0.005 min
Lab File: BG051025.D
Acq: 13 Nov 2021 16:04

Tgt Ion:	252	Resp:	77892
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.2	24.4
125	11.1	3.0	4.4#





Benzo(k)fluoranthene

Concen: 6.01 ng

RT: 24.281 min Scan# 3539

Delta R.T. -0.005 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

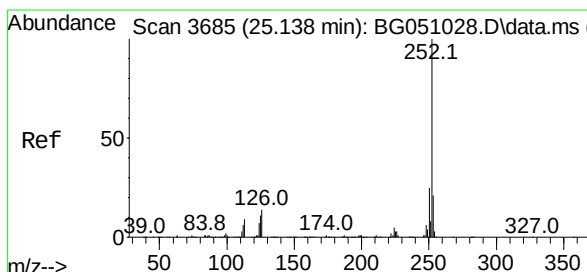
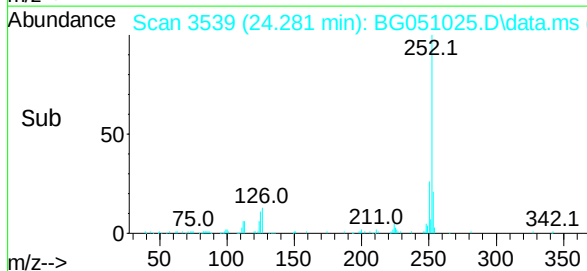
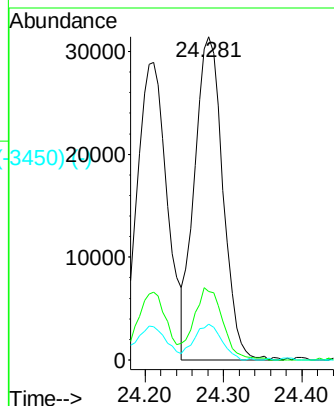
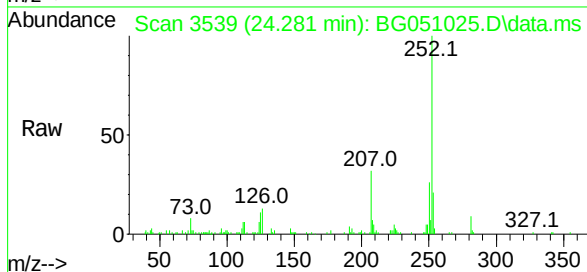
Tgt Ion:252 Resp: 78865

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

125 11.1 3.1 4.7#



Benzo(a)pyrene

Concen: 5.80 ng

RT: 25.139 min Scan# 3685

Delta R.T. 0.001 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

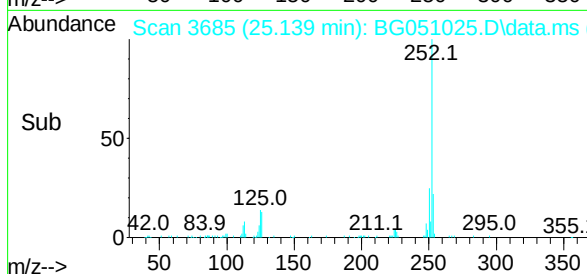
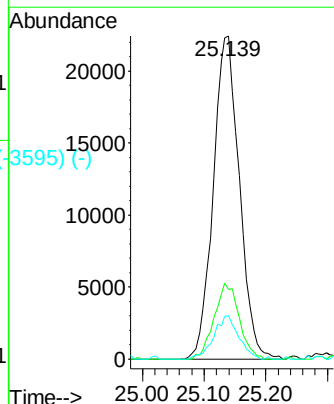
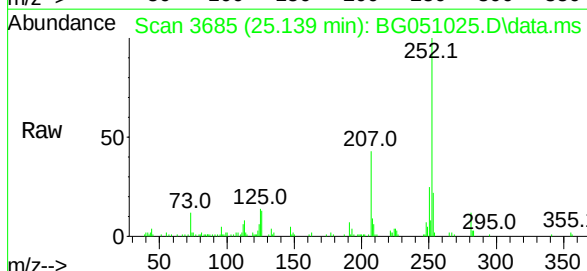
Tgt Ion:252 Resp: 65711

Ion Ratio Lower Upper

252 100

253 21.5 16.6 25.0

125 13.5 3.5 5.3#



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

Dibenzo(a,h)anthracene

Concen: 5.78 ng

RT: 29.276 min Scan# 4391

Delta R.T. -0.011 min

Lab File: BG051025.D

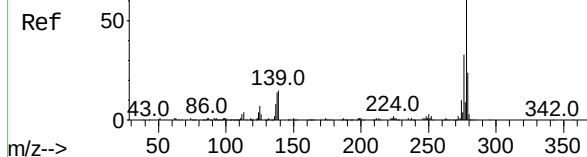
Acq: 13 Nov 2021 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



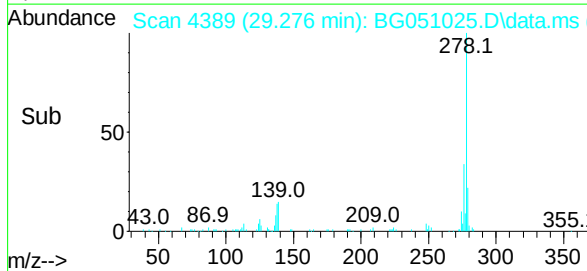
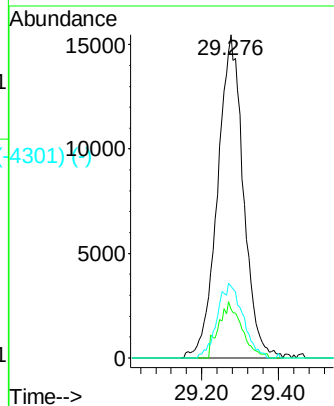
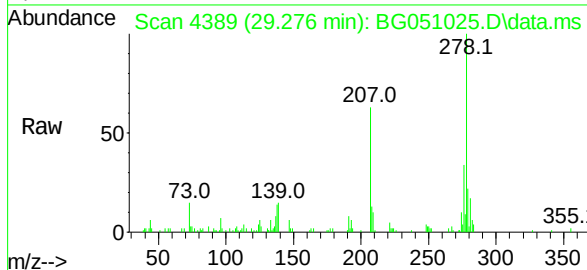
Tgt Ion:278 Resp: 72463

Ion Ratio Lower Upper

278 100

139 15.0 4.6 6.8#

279 22.2 17.9 26.9



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

Benzo(g,h,i)perylene

Concen: 5.75 ng

RT: 30.439 min Scan# 4587

Delta R.T. -0.011 min

Lab File: BG051025.D

Acq: 13 Nov 2021 16:04

Tgt Ion:276 Resp: 70642

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 21.2 7.0 10.6#

