

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
 Data File : BG051026.D
 Acq On : 13 Nov 2021 16:45
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 15 03:15:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:13:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	38755	20.00	ng	0.00
21) Naphthalene-d8	11.056	136	169531	20.00	ng	# 0.00
39) Acenaphthene-d10	14.852	164	113075	20.00	ng	0.00
64) Phenanthrene-d10	17.595	188	252112	20.00	ng	# 0.00
76) Chrysene-d12	21.896	240	219035	20.00	ng	# 0.00
86) Perylene-d12	25.298	264	218955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	57544	22.21	ng	0.00
7) Phenol-d6	7.372	99	82632	22.02	ng	0.00
23) Nitrobenzene-d5	9.399	82	84440	20.62	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	23864	22.13	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	171374	22.81	ng	0.00
79) Terphenyl-d14	20.186	244	276664	24.62	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.618	88	13189	9.83	ng	95
3) Pyridine	4.035	79	37361	10.19	ng	92
4) n-Nitrosodimethylamine	3.947	42	17016	9.85	ng	# 42
6) Aniline	7.548	93	48429	11.11	ng	97
8) 2-Chlorophenol	7.789	128	30116	12.07	ng	93
9) Benzaldehyde	7.360	77	30492	11.01	ng	90
10) Phenol	7.401	94	41661	11.42	ng	# 80
11) bis(2-Chloroethyl)ether	7.631	93	33217	11.67	ng	93
12) 1,3-Dichlorobenzene	8.112	146	32068	11.13	ng	95
13) 1,4-Dichlorobenzene	8.259	146	32881	11.32	ng	93
14) 1,2-Dichlorobenzene	8.582	146	31594	11.39	ng	95
15) Benzyl Alcohol	8.465	79	31058	10.48	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.747	45	51357	11.06	ng	88
17) 2-Methylphenol	8.665	107	27482	11.45	ng	# 90
18) Hexachloroethane	9.317	117	12607	11.47	ng	96
19) n-Nitroso-di-n-propyla...	9.029	70	30808	11.27	ng	# 89
20) 3+4-Methylphenols	8.994	107	38715	11.46	ng	95
22) Acetophenone	9.058	105	52219	10.83	ng	# 95
24) Nitrobenzene	9.440	77	41834	10.27	ng	94
25) Isophorone	9.963	82	75968	10.46	ng	# 94
26) 2-Nitrophenol	10.157	139	17420	11.65	ng	# 85
27) 2,4-Dimethylphenol	10.204	122	25653	9.93	ng	94
28) bis(2-Chloroethoxy)met...	10.439	93	46103	11.10	ng	95
29) 2,4-Dichlorophenol	10.698	162	28152	10.69	ng	94
30) 1,2,4-Trichlorobenzene	10.909	180	32001	10.70	ng	95
31) Naphthalene	11.103	128	101114	11.14	ng	99
32) Benzoic acid	10.304	122	15751	8.22	ng	81
33) 4-Chloroaniline	11.215	127	42235	11.09	ng	# 94
34) Hexachlorobutadiene	11.373	225	19474	10.37	ng	90
35) Caprolactam	11.996	113	7430	7.37	ng	# 79
36) 4-Chloro-3-methylphenol	12.313	107	35228	10.70	ng	# 87
37) 2-Methylnaphthalene	12.695	142	69094	11.04	ng	93
38) 1-Methylnaphthalene	12.913	142	68497	11.28	ng	99
40) 1,2,4,5-Tetrachloroben...	13.054	216	36786	11.02	ng	98
41) Hexachlorocyclopentadiene	13.024	237	8452	4.38	ng	95

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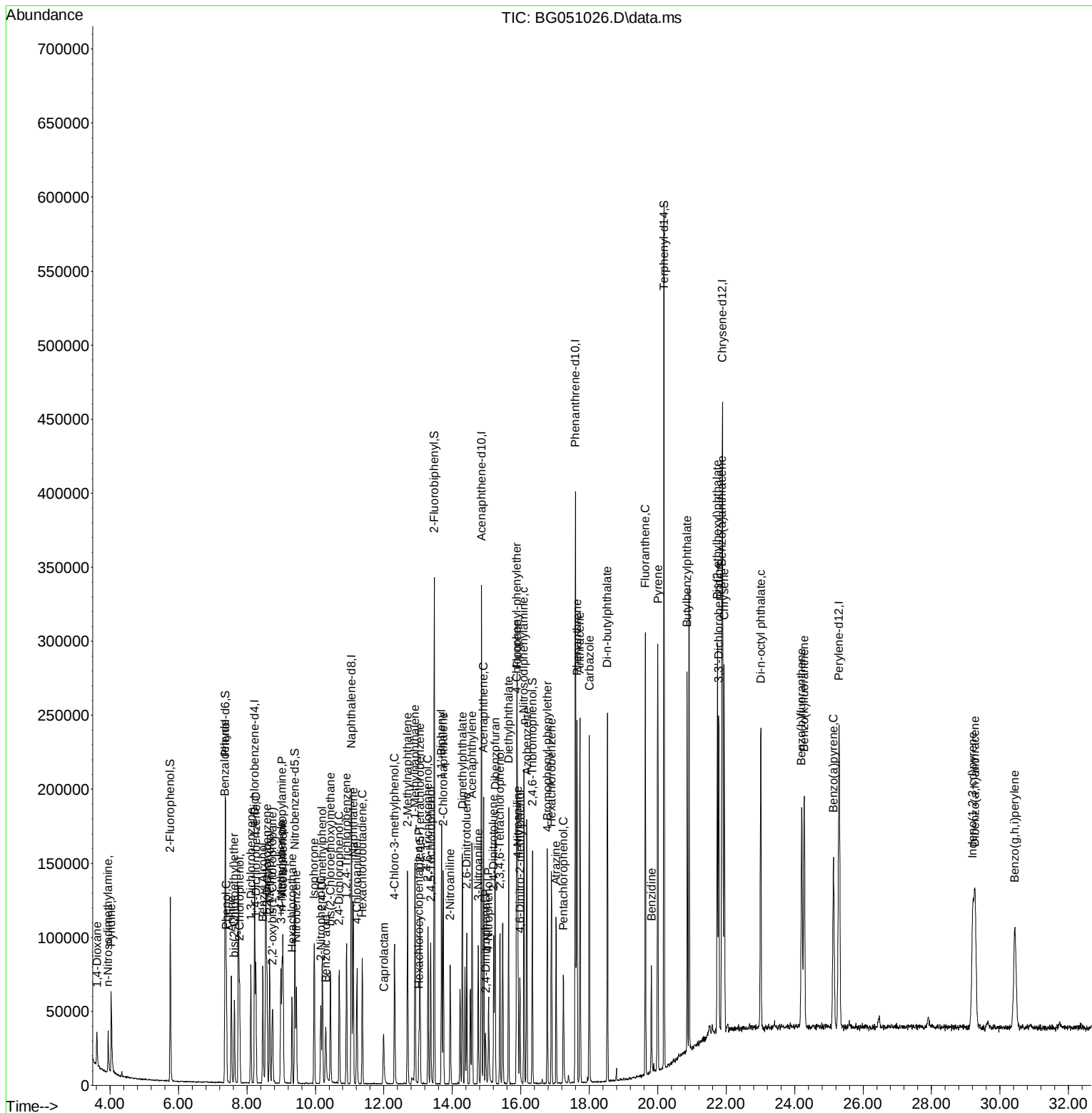
Quant Time: Nov 15 03:15:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
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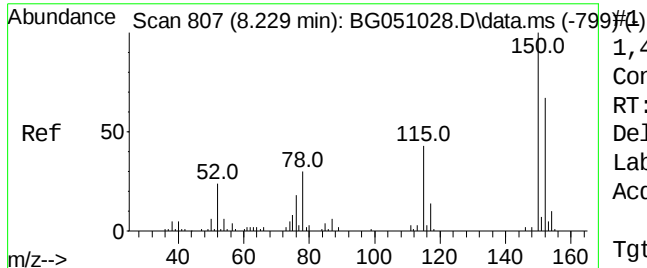
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.289	196	25419	10.80	ng	93
44) 2,4,5-Trichlorophenol	13.371	196	27397	11.14	ng	92
46) 1,1'-Biphenyl	13.688	154	92886	11.26	ng	94
47) 2-Chloronaphthalene	13.735	162	73111	11.54	ng	97
48) 2-Nitroaniline	13.941	65	26218	10.41	ng	94
49) Acenaphthylene	14.575	152	118870	11.46	ng	94
50) Dimethylphthalate	14.293	163	101822	11.91	ng	96
51) 2,6-Dinitrotoluene	14.423	165	20363	11.89	ng	86
52) Acenaphthene	14.916	154	68278	10.24	ng	94
53) 3-Nitroaniline	14.758	138	23146	11.43	ng	86
54) 2,4-Dinitrophenol	14.975	184	7899	7.44	ng	84
55) Dibenzofuran	15.251	168	117489	11.39	ng	# 91
56) 4-Nitrophenol	15.057	139	17430	10.70	ng	# 68
57) 2,4-Dinitrotoluene	15.210	165	27845	11.54	ng	# 92
58) Fluorene	15.897	166	90816	11.46	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.392	232	21688	10.12	ng	93
60) Diethylphthalate	15.645	149	104467	11.63	ng	96
61) 4-Chlorophenyl-phenyle...	15.880	204	48222	11.13	ng	96
62) 4-Nitroaniline	15.915	138	24004	11.39	ng	# 57
63) Azobenzene	16.173	77	111593	10.73	ng	81
65) 4,6-Dinitro-2-methylph...	15.974	198	16019	10.58	ng	89
66) n-Nitrosodiphenylamine	16.091	169	81839	11.42	ng	98
67) 4-Bromophenyl-phenylether	16.779	248	29120	11.46	ng	95
68) Hexachlorobenzene	16.896	284	29273	11.59	ng	97
69) Atrazine	17.037	200	20193	7.16	ng	99
70) Pentachlorophenol	17.243	266	14019	8.16	ng	98
71) Phenanthrene	17.642	178	153284	11.54	ng	96
72) Anthracene	17.730	178	152366	11.54	ng	98
73) Carbazole	18.001	167	151374	11.50	ng	99
74) Di-n-butylphthalate	18.530	149	176076	11.40	ng	# 96
75) Fluoranthene	19.640	202	180741	11.07	ng	93
77) Benzidine	19.816	184	49612	6.99	ng	97
78) Pyrene	20.004	202	184712	11.89	ng	98
80) Butylbenzylphthalate	20.862	149	77797	11.84	ng	97
81) Benzo(a)anthracene	21.873	228	167043	11.53	ng	98
82) 3,3'-Dichlorobenzidine	21.785	252	75898	15.80	ng	# 98
83) Chrysene	21.943	228	158778	11.65	ng	97
84) Bis(2-ethylhexyl)phtha...	21.743	149	109741	11.75	ng	# 96
85) Di-n-octyl phthalate	23.013	149	186358	11.96	ng	99
87) Indeno(1,2,3-cd)pyrene	29.205	276	168720	11.06	ng	# 93
88) Benzo(b)fluoranthene	24.205	252	150372	11.21	ng	# 93
89) Benzo(k)fluoranthene	24.282	252	156539	11.87	ng	# 95
90) Benzo(a)pyrene	25.134	252	128993	11.31	ng	# 95
91) Dibenzo(a,h)anthracene	29.270	278	141712	11.23	ng	# 92
92) Benzo(g,h,i)perylene	30.433	276	136505	11.05	ng	# 88

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

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1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.224 min Scan# 8

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

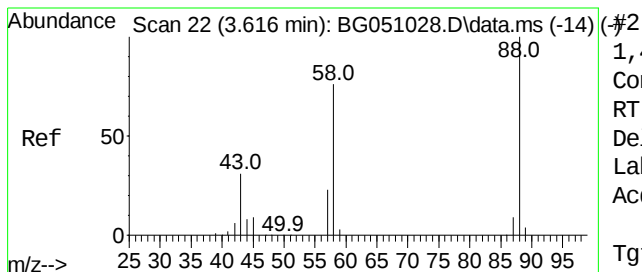
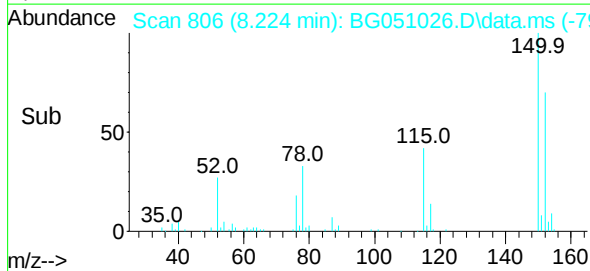
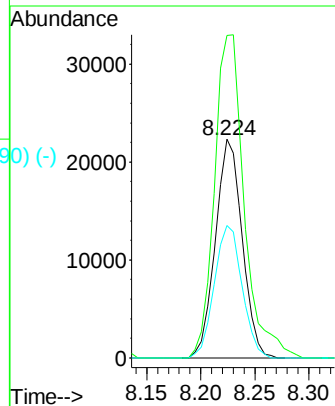
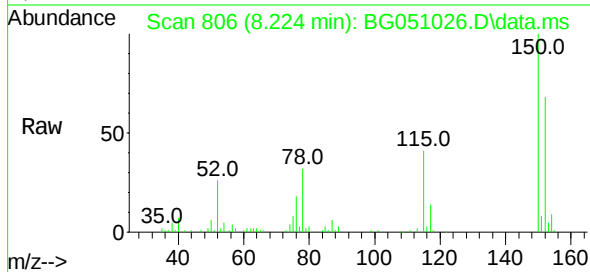
Tgt Ion:152 Resp: 38755

Ion Ratio Lower Upper

152 100

150 147.5 119.4 179.0

115 60.5 60.2 90.4



1,4-Dioxane

Concen: 9.83 ng

RT: 3.618 min Scan# 22

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

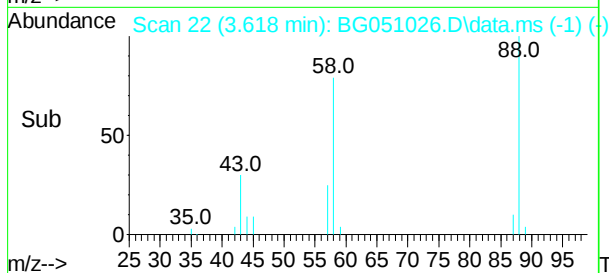
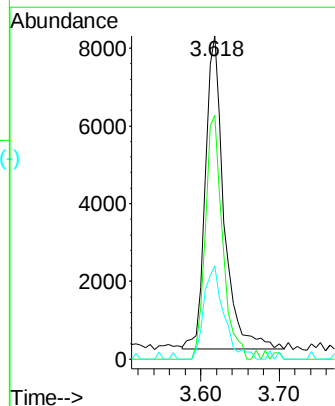
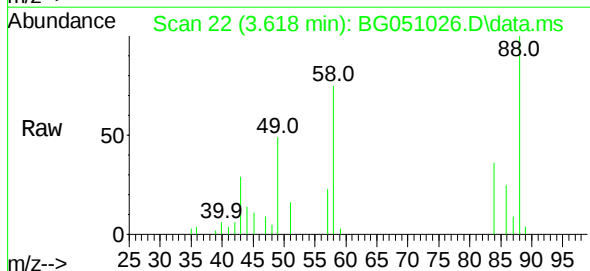
Tgt Ion: 88 Resp: 13189

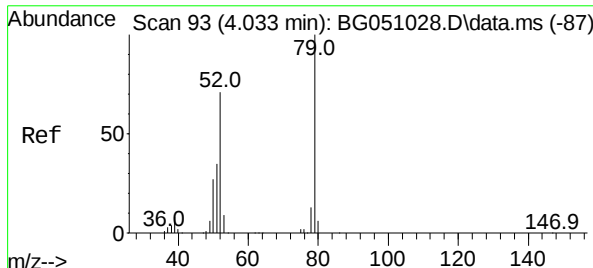
Ion Ratio Lower Upper

88 100

58 72.3 55.7 83.5

43 32.0 29.3 43.9

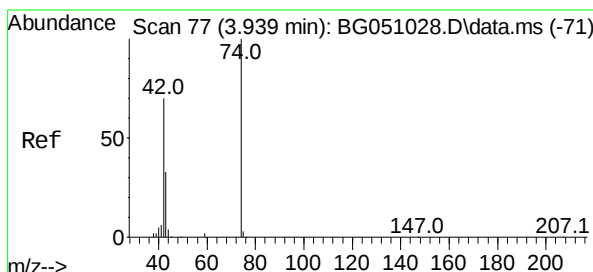
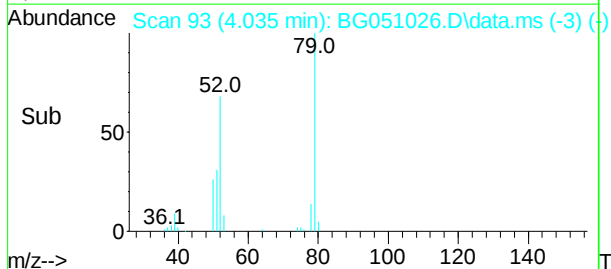
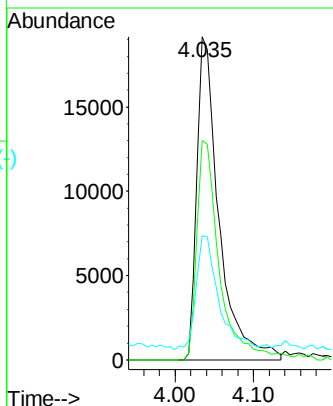
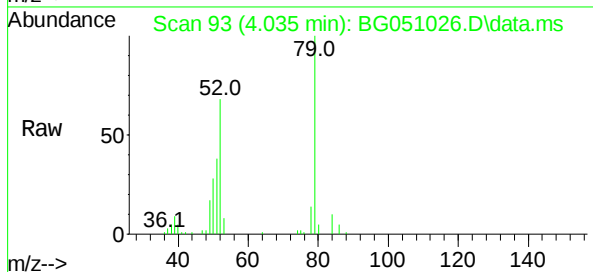




Pyridine
Concen: 10.19 ng
RT: 4.035 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

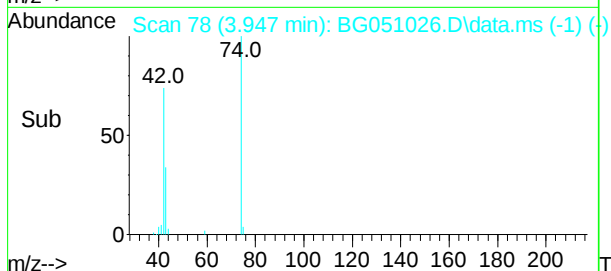
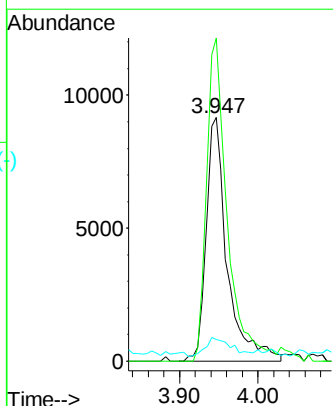
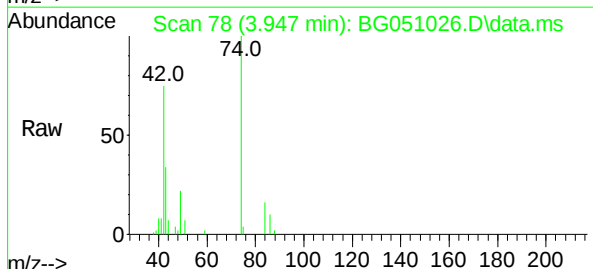
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SSTDICC010

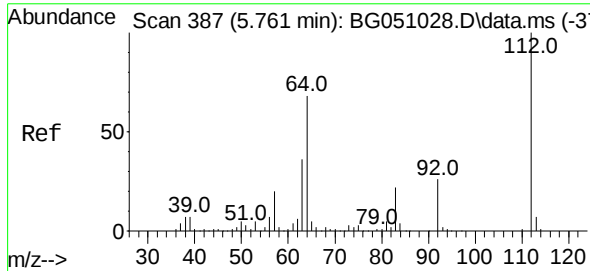
Tgt Ion:	79	Resp:	37361
Ion	Ratio	Lower	Upper
79	100		
52	68.0	58.4	87.6
51	38.4	37.0	55.6



n-Nitrosodimethylamine
Concen: 9.85 ng
RT: 3.947 min Scan# 78
Delta R.T. 0.007 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Tgt Ion:	42	Resp:	17016
Ion	Ratio	Lower	Upper
42	100		
74	132.6	64.0	96.0#
44	9.0	2.7	4.1#





2-Fluorophenol

Concen: 22.21 ng

RT: 5.762 min Scan#

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

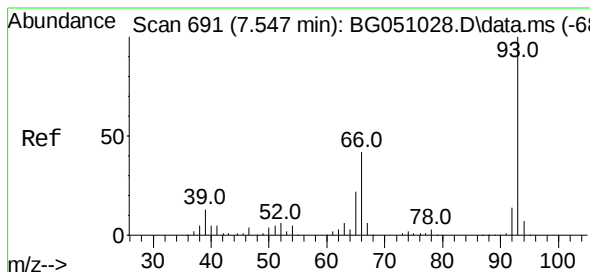
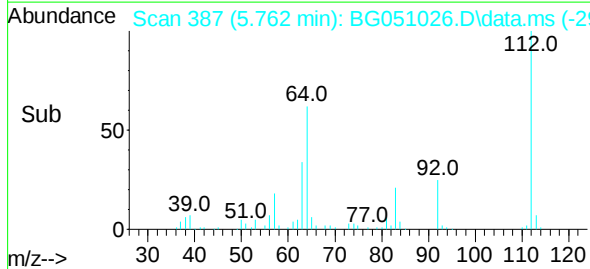
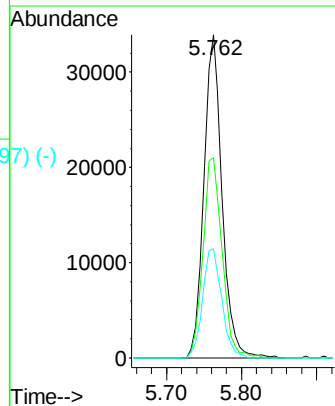
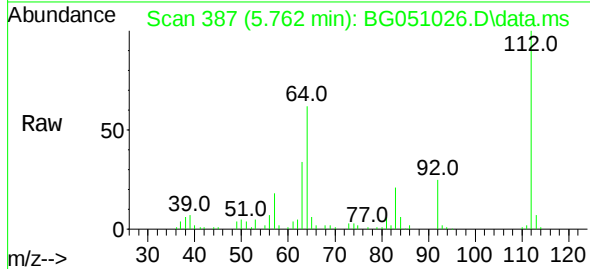
Tgt Ion:112 Resp: 57544

Ion Ratio Lower Upper

112 100

64 62.0 46.7 70.1

63 33.9 35.3 52.9#



Aniline

Concen: 11.11 ng

RT: 7.548 min Scan# 691

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

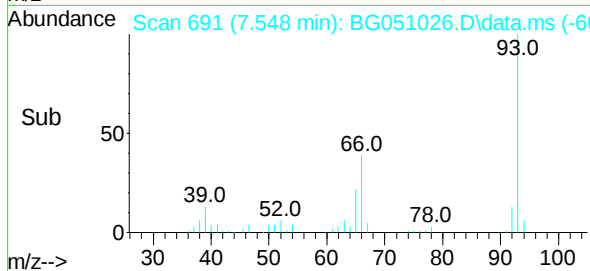
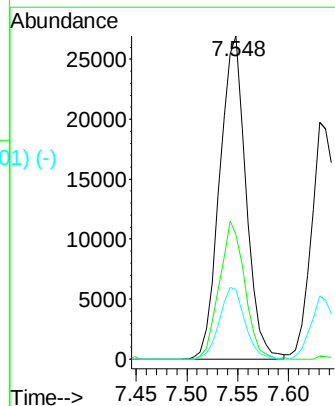
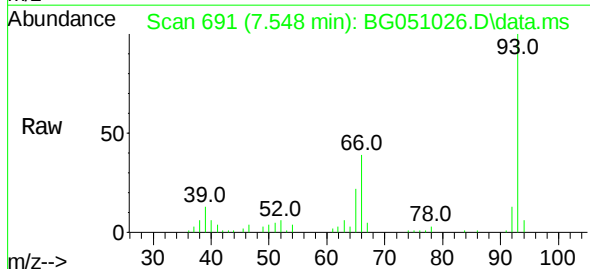
Tgt Ion: 93 Resp: 48429

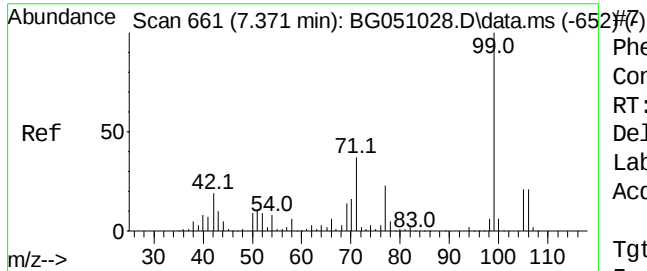
Ion Ratio Lower Upper

93 100

66 38.7 30.6 45.8

65 21.7 15.0 22.4





Phenol-d6

Concen: 22.02 ng

RT: 7.372 min Scan#

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

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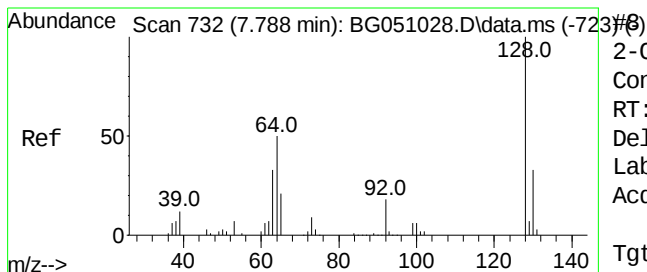
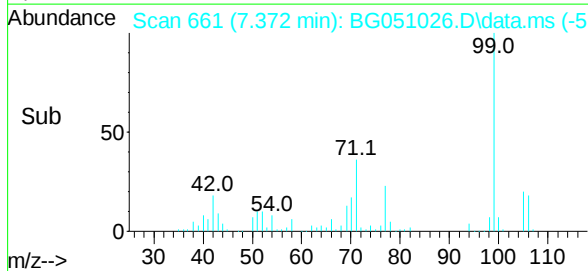
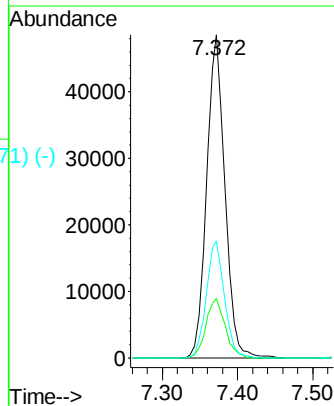
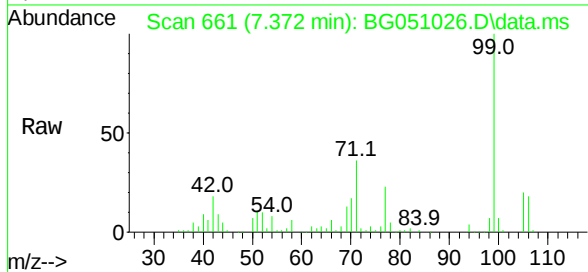
Tgt Ion: 99 Resp: 82632

Ion Ratio Lower Upper

99 100

42 18.5 20.5 30.7#

71 36.2 41.5 62.3#



2-Chlorophenol

Concen: 12.07 ng

RT: 7.789 min Scan# 732

Delta R.T. 0.001 min

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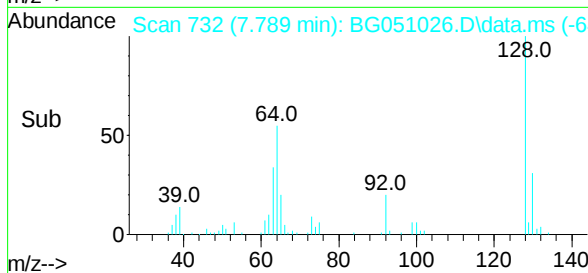
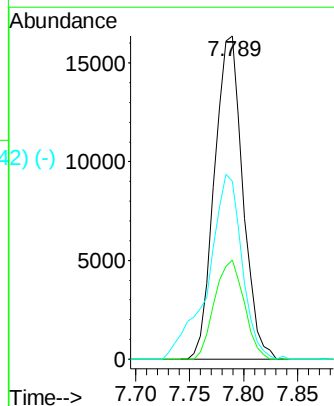
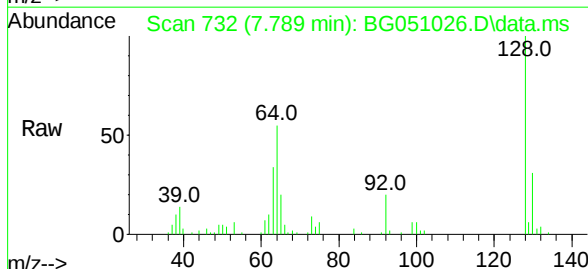
Tgt Ion:128 Resp: 30116

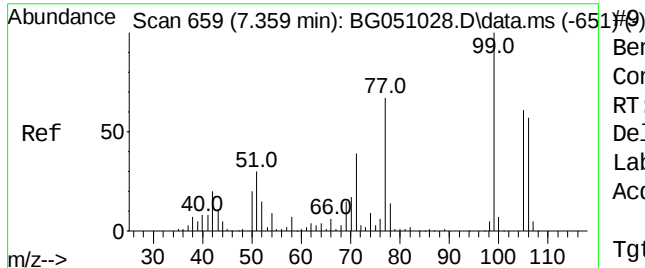
Ion Ratio Lower Upper

128 100

130 30.7 10.0 50.0

64 55.1 28.1 68.1





Benzaldehyde

Concen: 11.01 ng

RT: 7.360 min Scan# 659

Delta R.T. 0.001 min

Lab File: BG051026.D

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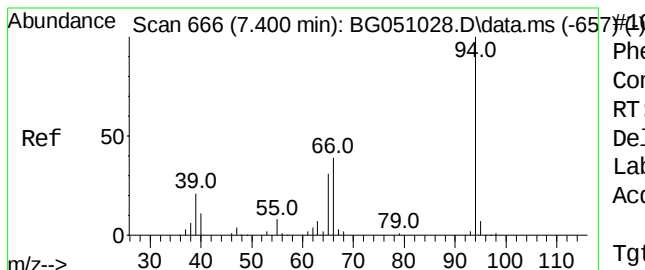
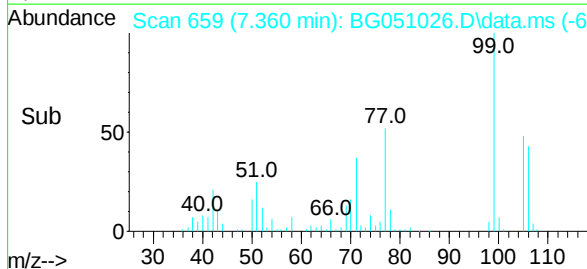
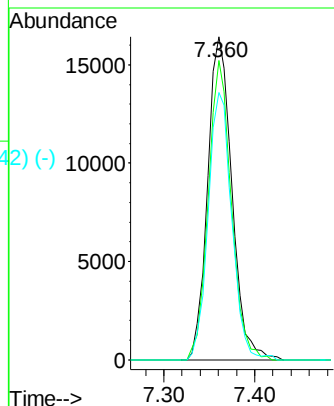
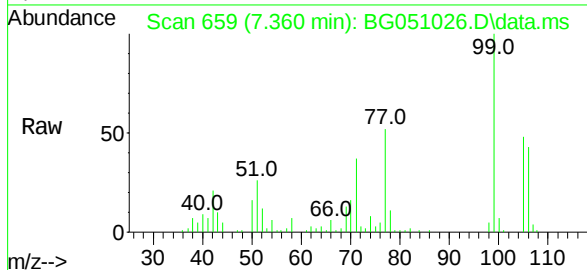
Tgt Ion: 77 Resp: 30492

Ion Ratio Lower Upper

77 100

105 92.6 68.8 108.8

106 82.8 47.9 87.9



Phenol

Concen: 11.42 ng

RT: 7.401 min Scan# 666

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

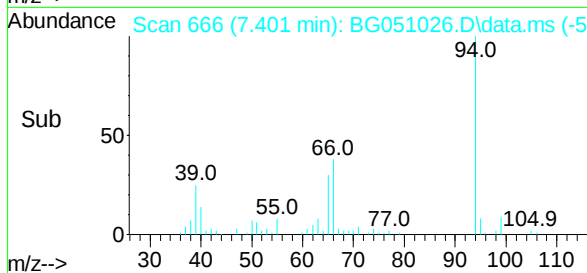
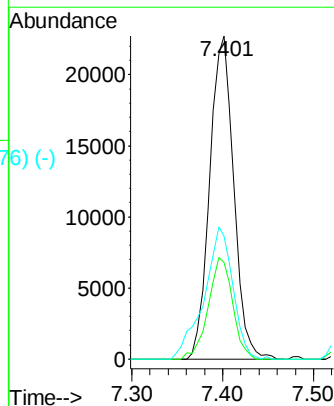
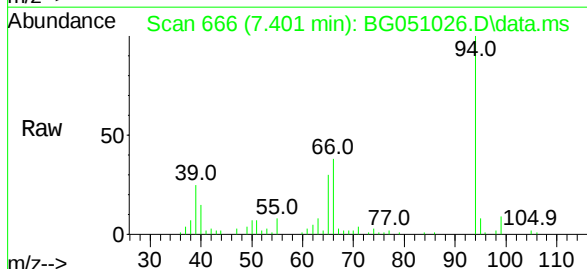
Tgt Ion: 94 Resp: 41661

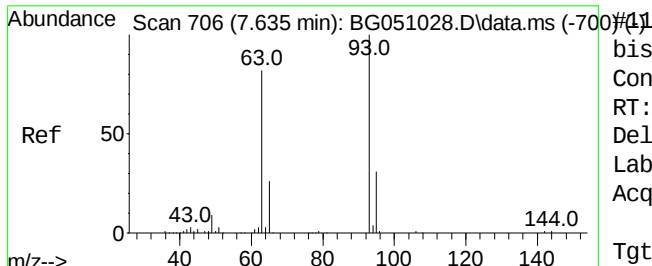
Ion Ratio Lower Upper

94 100

65 29.9 12.9 52.9

66 38.0 39.4 79.4#

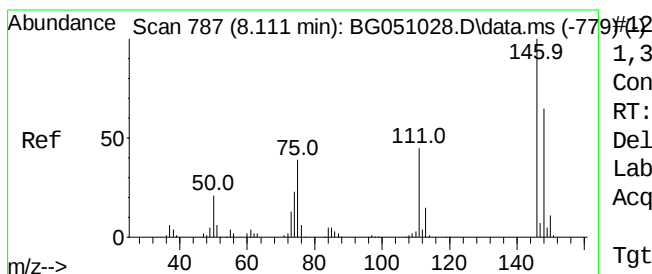
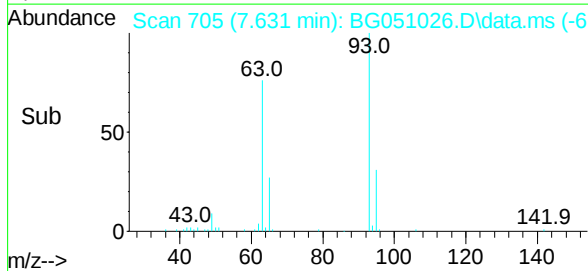
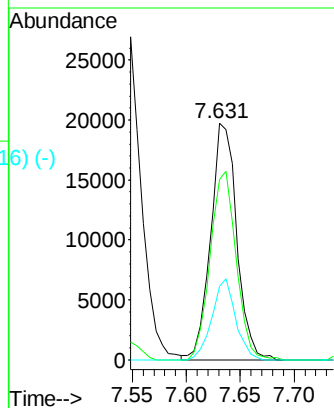
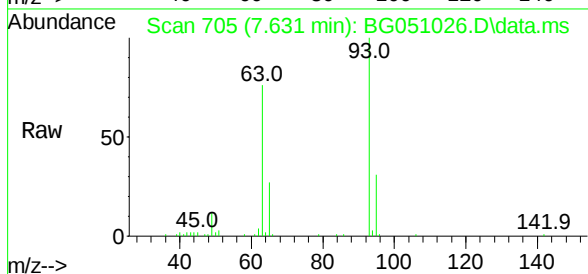




bis(2-Chloroethyl)ether
 Concen: 11.67 ng
 RT: 7.631 min Scan#
 Delta R.T. -0.005 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

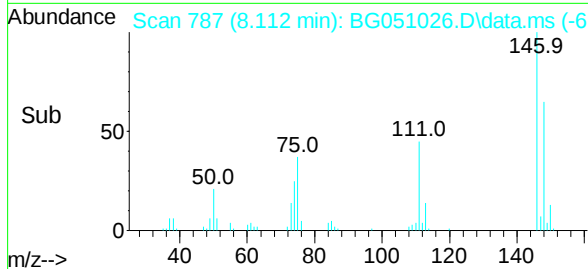
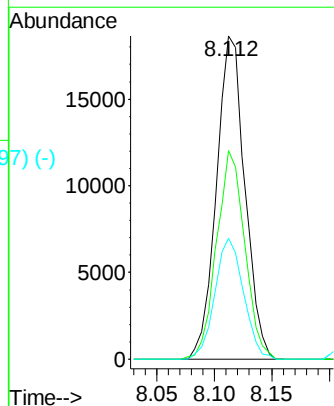
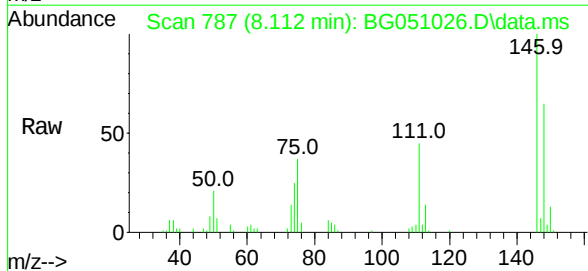
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tgt Ion:	93	Resp:	33217
Ion	Ratio	Lower	Upper
93	100		
63	76.3	50.4	90.4
95	31.0	15.3	55.3



1,3-Dichlorobenzene
 Concen: 11.13 ng
 RT: 8.112 min Scan# 787
 Delta R.T. 0.001 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

Tgt Ion:	146	Resp:	32068
Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
75	37.3	35.7	53.5



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

1,4-Dichlorobenzene

Concen: 11.32 ng

RT: 8.259 min Scan# 813

Delta R.T. -0.005 min

Lab File: BG051026.D

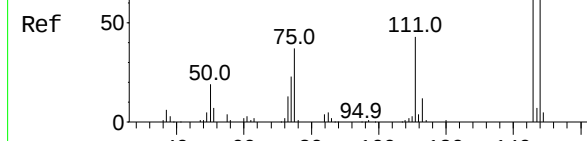
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



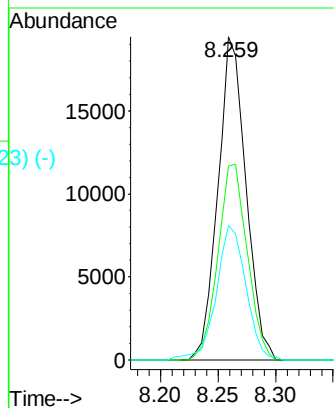
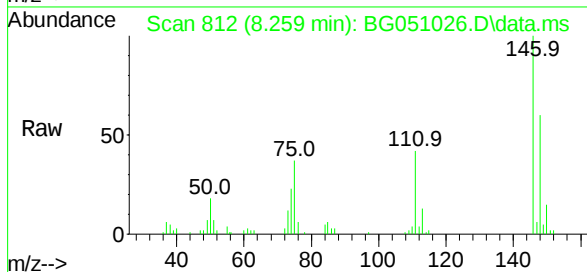
Tgt Ion:146 Resp: 32881

Ion Ratio Lower Upper

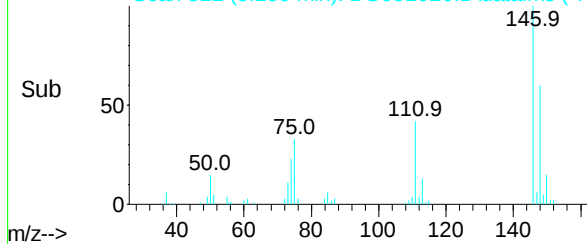
146 100

148 59.9 54.0 81.0

111 41.7 34.3 51.5



Abundance Scan 812 (8.259 min): BG051026.D\data.ms (-723) (-)



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

1,2-Dichlorobenzene

Concen: 11.39 ng

RT: 8.582 min Scan# 867

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

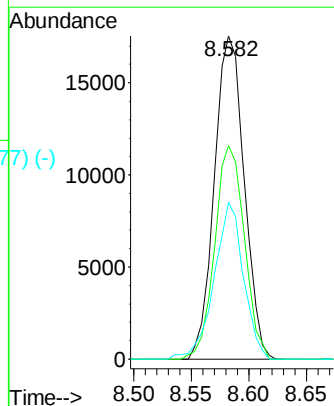
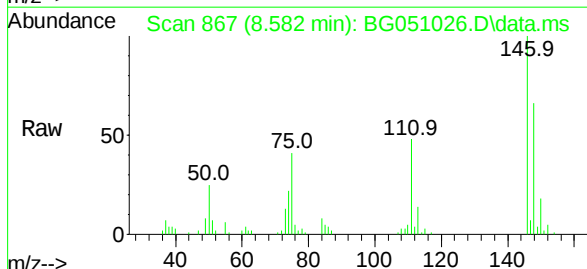
Tgt Ion:146 Resp: 31594

Ion Ratio Lower Upper

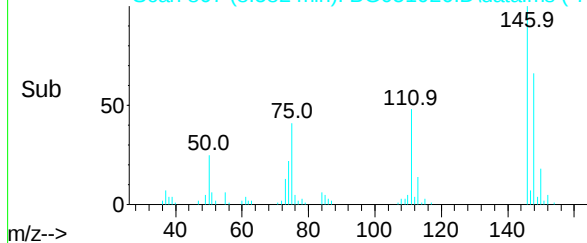
146 100

148 66.2 47.5 71.3

111 48.4 39.1 58.7



Abundance Scan 867 (8.582 min): BG051026.D\data.ms (-777) (-)



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

Benzyl Alcohol

Concen: 10.48 ng

RT: 8.465 min Scan# 847

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 31058

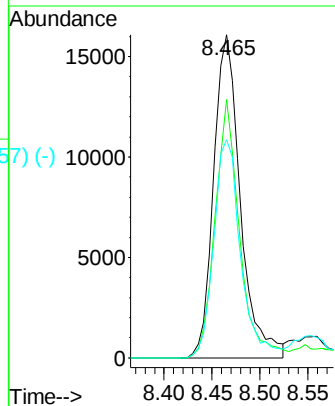
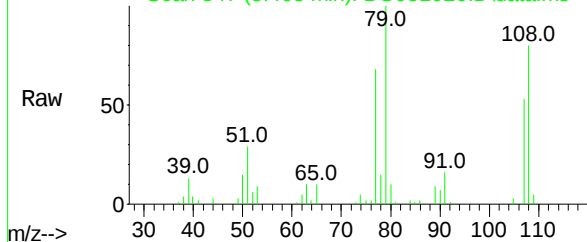
Ion Ratio Lower Upper

79 100

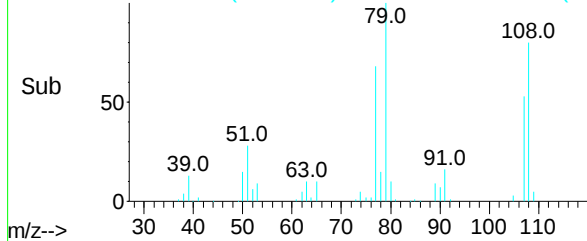
108 79.9 48.2 72.4#

77 67.6 57.3 85.9

Abundance Scan 847 (8.465 min): BG051026.D\data.ms



Abundance Scan 847 (8.465 min): BG051026.D\data.ms (-757) (-)



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

2,2'-oxybis(1-Chloropropane)

Concen: 11.06 ng

RT: 8.747 min Scan# 895

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion: 45 Resp: 51357

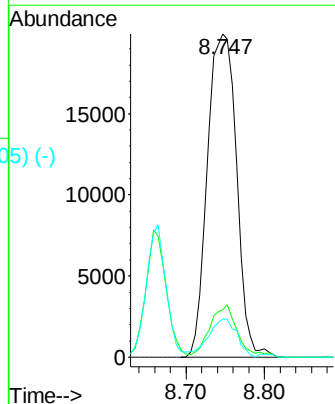
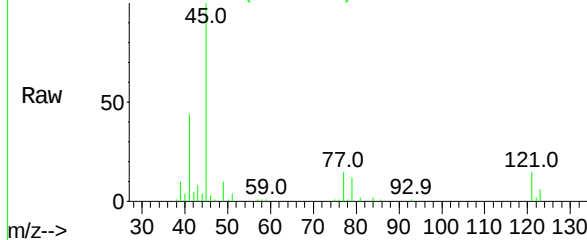
Ion Ratio Lower Upper

45 100

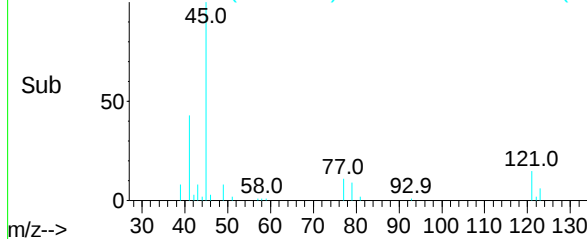
77 14.6 2.2 42.2

79 11.9 0.0 34.3

Abundance Scan 895 (8.747 min): BG051026.D\data.ms



Abundance Scan 895 (8.747 min): BG051026.D\data.ms (-805) (-)



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

2-Methylphenol

Concen: 11.45 ng

RT: 8.665 min Scan# 881

Delta R.T. 0.001 min

Lab File: BG051026.D

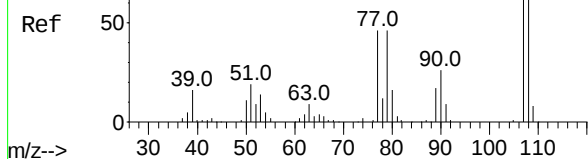
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:107 Resp: 27482

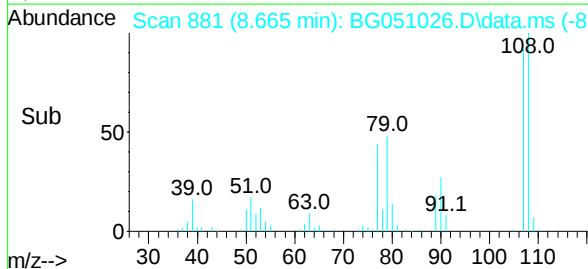
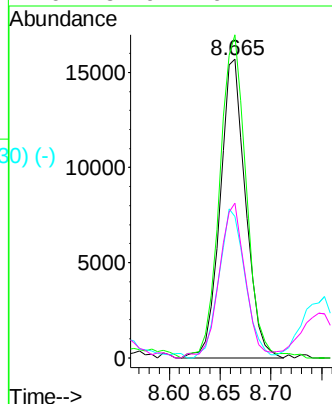
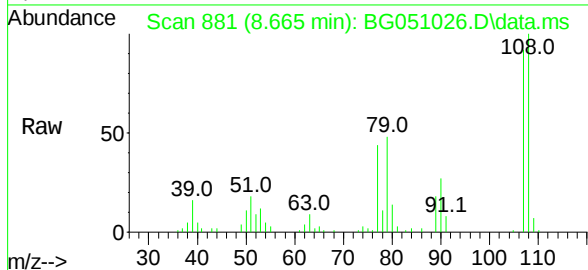
Ion Ratio Lower Upper

107 100

108 108.2 84.6 127.0

77 47.4 50.7 76.1#

79 51.9 49.4 74.0



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

Hexachloroethane

Concen: 11.47 ng

RT: 9.317 min Scan# 992

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

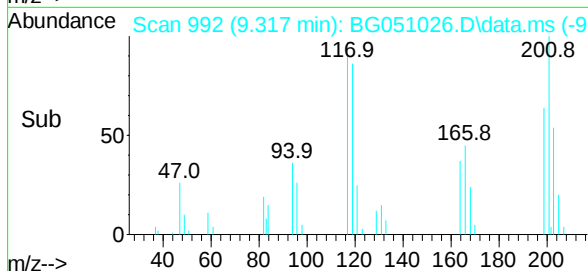
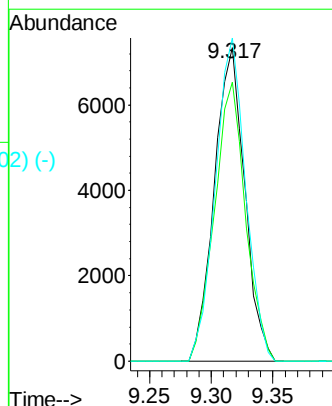
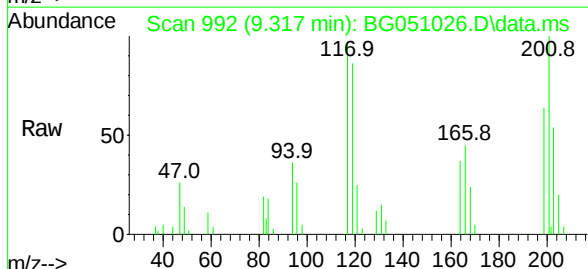
Tgt Ion:117 Resp: 12607

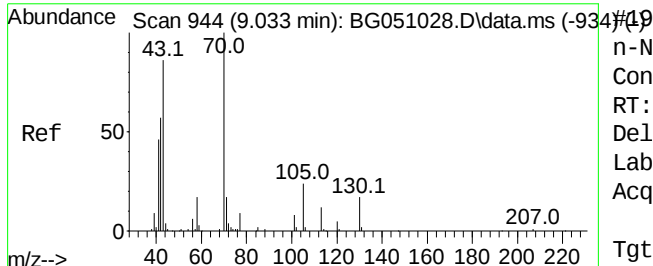
Ion Ratio Lower Upper

117 100

119 88.9 74.4 111.6

201 107.2 88.6 133.0

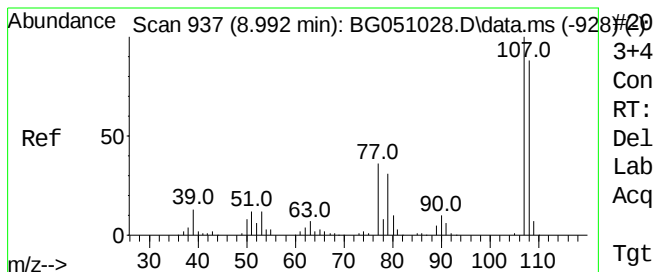
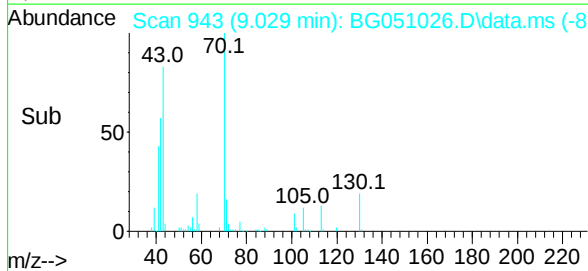
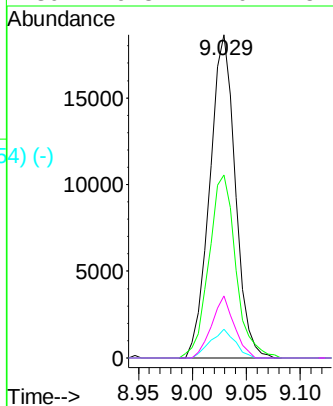
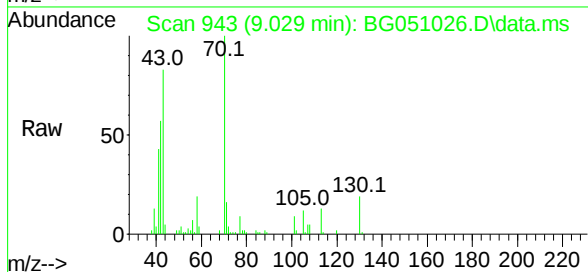




n-Nitroso-di-n-propylamine
 Concen: 11.27 ng
 RT: 9.029 min Scan# 944
 Delta R.T. -0.005 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

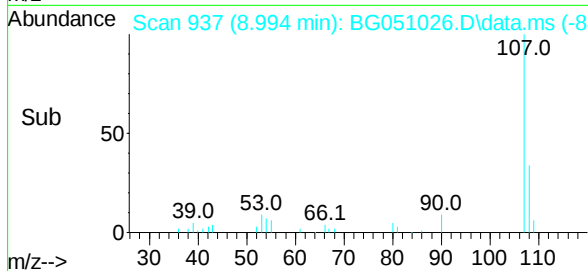
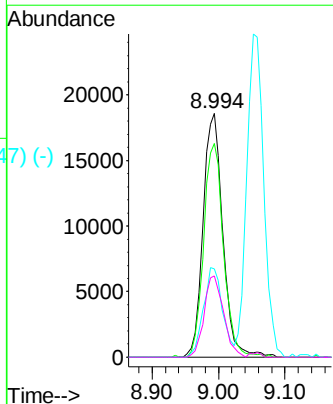
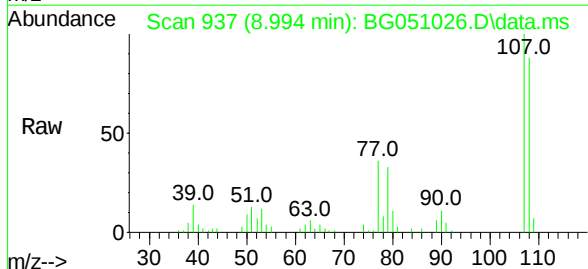
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tgt Ion:	70	Resp:	30808
Ion	Ratio	Lower	Upper
70	100		
42	56.6	54.5	81.7
101	8.9	9.0	13.6#
130	19.3	17.0	25.6



3+4-Methylphenols
 Concen: 11.46 ng
 RT: 8.994 min Scan# 937
 Delta R.T. 0.001 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

Tgt Ion:	107	Resp:	38715
Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.3	109.3
77	36.2	25.2	65.2
79	33.2	15.1	55.1



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

Naphthalene-d8

Concen: 20.00 ng

RT: 11.056 min Scan# 1179

Delta R.T. 0.001 min

Lab File: BG051026.D

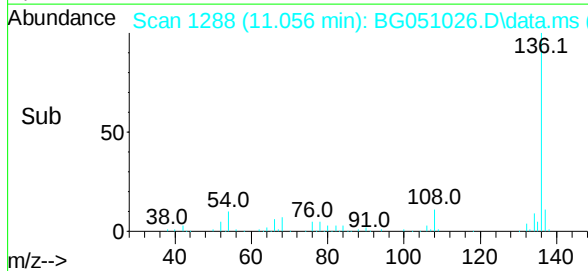
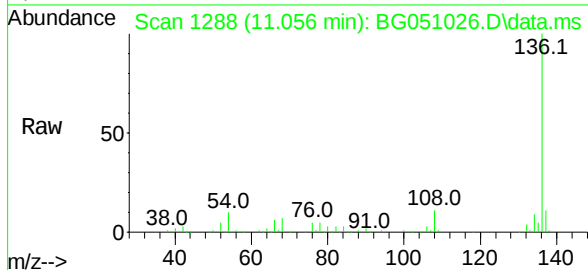
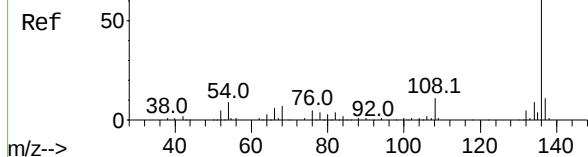
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:136 Resp: 169531

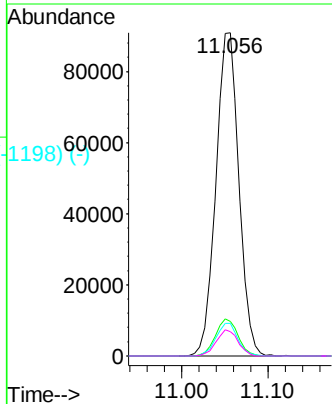
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 10.1 5.5 8.3#

68 7.5 2.3 3.5#



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

Acetophenone

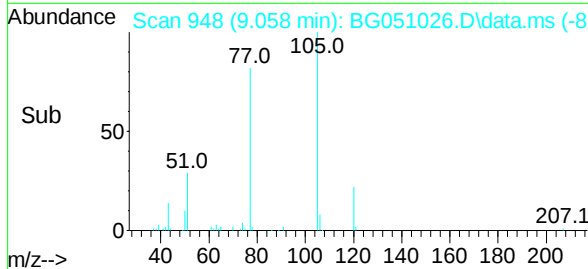
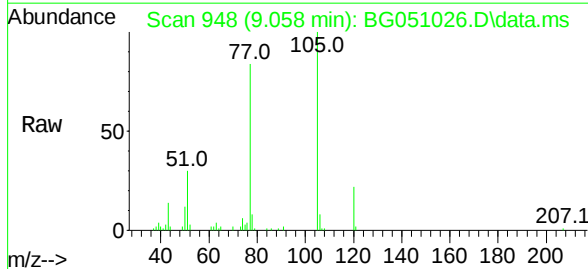
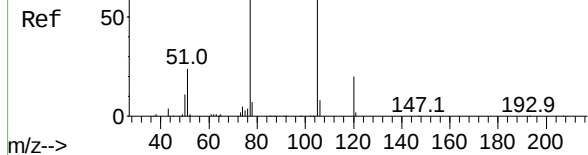
Concen: 10.83 ng

RT: 9.058 min Scan# 948

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45



Tgt Ion:105 Resp: 52219

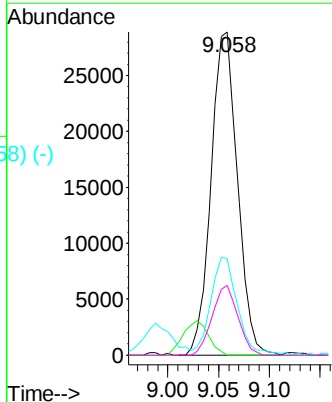
Ion Ratio Lower Upper

105 100

71 0.0 0.6 0.8#

51 29.9 26.6 40.0

120 21.5 16.2 24.4



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

Nitrobenzene-d5

Concen: 20.62 ng

RT: 9.399 min Scan# 1006

Delta R.T. -0.005 min

Lab File: BG051026.D

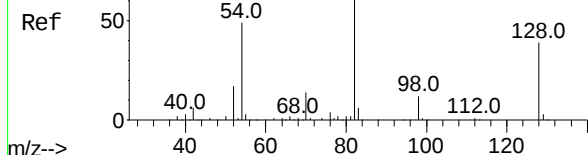
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDIC010



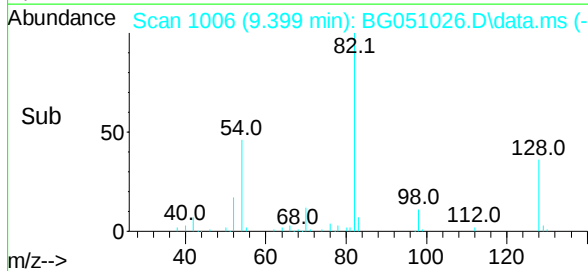
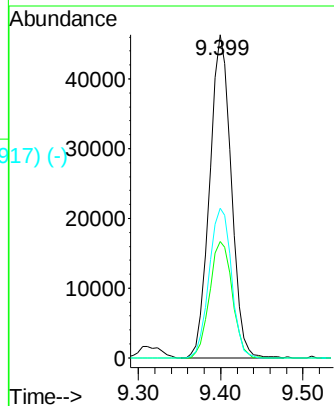
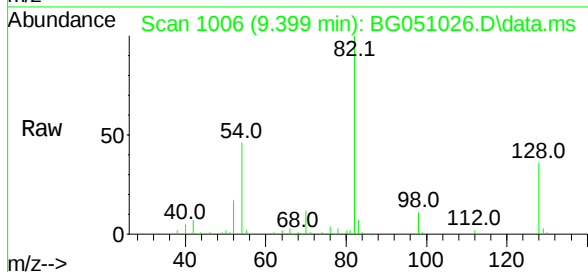
Tgt Ion: 82 Resp: 84440

Ion Ratio Lower Upper

82 100

128 35.9 29.8 44.6

54 46.3 45.8 68.8



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

Nitrobenzene

Concen: 10.27 ng

RT: 9.440 min Scan# 1013

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

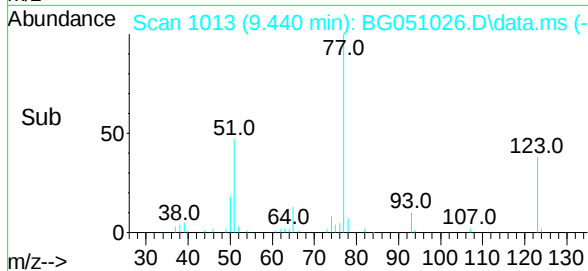
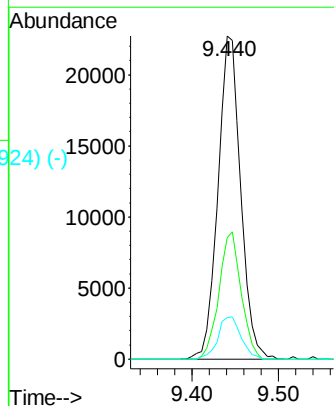
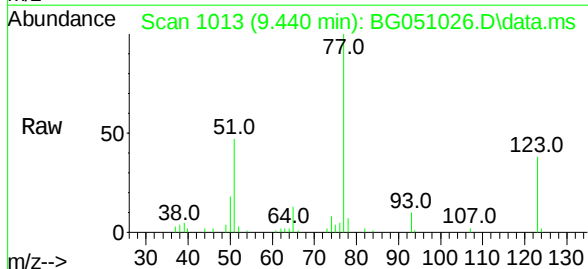
Tgt Ion: 77 Resp: 41834

Ion Ratio Lower Upper

77 100

123 37.5 27.5 41.3

65 12.8 12.6 18.8



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

Isophorone

Concen: 10.46 ng

RT: 9.963 min Scan# 1103

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 75968

Ion Ratio Lower Upper

82 100

95 6.7 8.5 12.7#

138 13.6 11.8 17.6

Abundance Scan 1102 (9.963 min): BG051026.D\data.ms

Ref 50

39.0 54.0 82.0 110.1 138.1

m/z-->

Abundance Raw

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance Scan 1102 (9.963 min): BG051026.D\data.ms (-1013) (-)

Sub 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance

9.963

40000

30000

20000

10000

0

Time-->

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

2-Nitrophenol

Concen: 11.65 ng

RT: 10.157 min Scan# 1135

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion: 139 Resp: 17420

Ion Ratio Lower Upper

139 100

109 31.2 37.8 56.6#

65 57.8 51.8 77.8

Abundance Scan 1135 (10.157 min): BG051026.D\data.ms

Ref 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Raw

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Scan 1135 (10.157 min): BG051026.D\data.ms (-1046) (-)

Sub 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance

10.157

8000

6000

4000

2000

0

Time-->

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

2,4-Dimethylphenol

Concen: 9.93 ng

RT: 10.204 min Scan# 1143

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 25653

Ion Ratio Lower Upper

122 100

107 128.0 110.1 165.1

121 60.8 49.0 73.6

Abundance Scan 1143 (10.204 min): BG051026.D\data.ms

Ref

50

39.0 62.0 77.0 92.0 107.0 122.0 138.8

m/z-->

Abundance Scan 1143 (10.204 min): BG051026.D\data.ms

Raw

50

51.0 77.0 92.0 107.0 122.1 139.0

m/z-->

Abundance Scan 1143 (10.204 min): BG051026.D\data.ms (-1053) (-)

Sub

50

39.0 62.0 77.0 92.0 107.0 122.1 139.0

m/z-->

Abundance

15000

10204

10000

5000

0

Time-->

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

bis(2-Chloroethoxy)methane

Concen: 11.10 ng

RT: 10.439 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion: 93 Resp: 46103

Ion Ratio Lower Upper

93 100

95 31.8 22.2 33.4

123 10.9 8.8 13.2

Abundance Scan 1183 (10.439 min): BG051026.D\data.ms

Ref

50

44.0 63.0 93.0 123.0 170.9

m/z-->

Abundance Scan 1183 (10.439 min): BG051026.D\data.ms

Raw

50

44.0 63.0 93.0 123.0 170.9

m/z-->

Abundance Scan 1183 (10.439 min): BG051026.D\data.ms (-1093) (-)

Sub

50

44.0 63.0 93.0 123.0 170.9

m/z-->

Abundance

25000

10439

20000

15000

10000

5000

0

Time-->

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

2,4-Dichlorophenol

Concen: 10.69 ng

RT: 10.698 min Scan# 1137

Delta R.T. 0.001 min

Lab File: BG051026.D

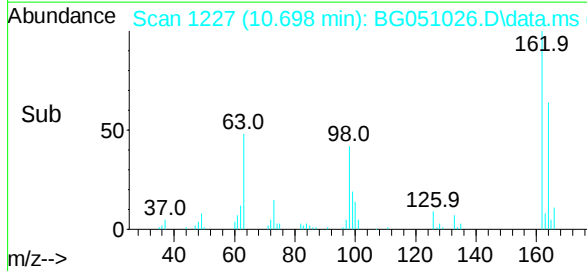
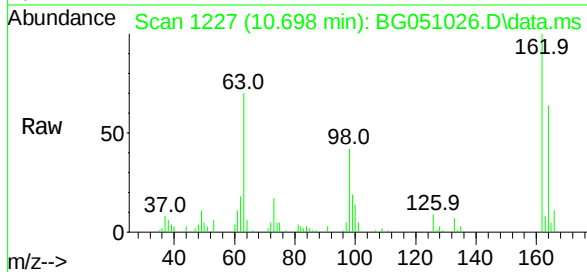
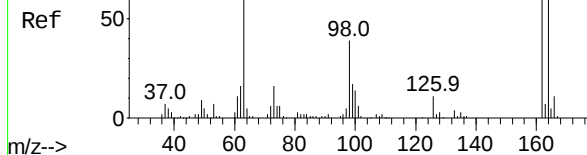
Acq: 13 Nov 2021 16:45

Instrument :

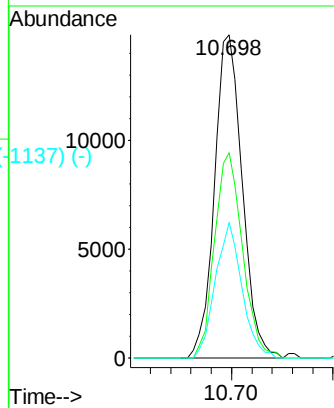
BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:	162	Resp:	28152
Ion Ratio	Lower	Upper	
162	100		
164	63.6	39.4	79.4
98	42.0	18.7	58.7



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

1,2,4-Trichlorobenzene

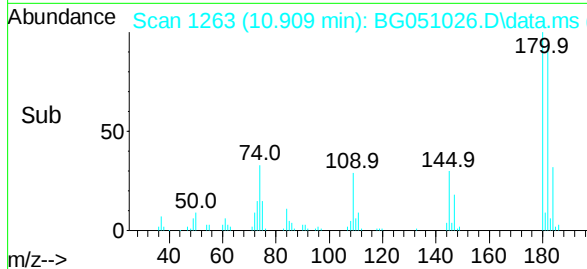
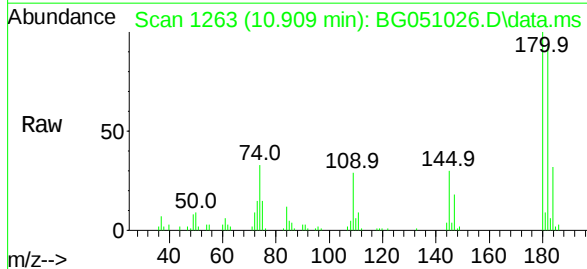
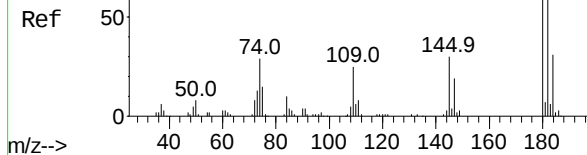
Concen: 10.70 ng

RT: 10.909 min Scan# 1263

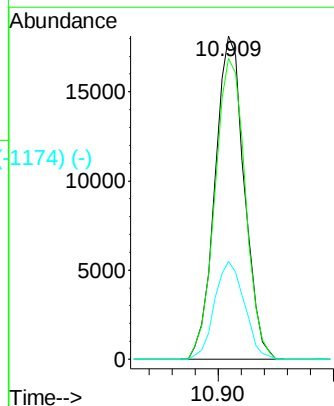
Delta R.T. -0.005 min

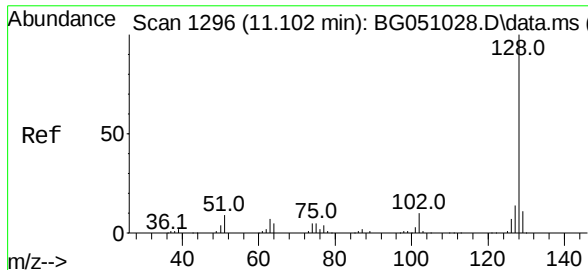
Lab File: BG051026.D

Acq: 13 Nov 2021 16:45



Tgt Ion:	180	Resp:	32001
Ion Ratio	Lower	Upper	
180	100		
182	93.2	78.9	118.3
145	30.3	26.2	39.4

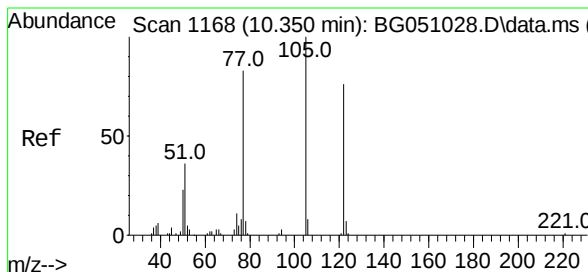
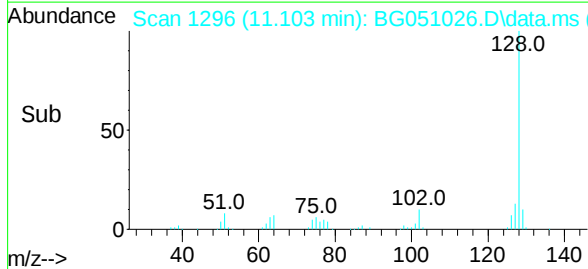
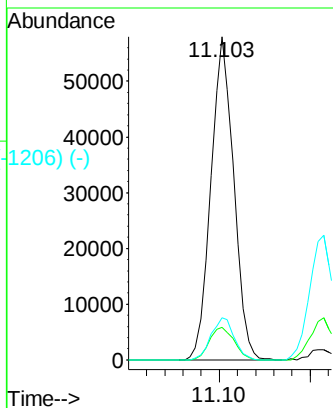
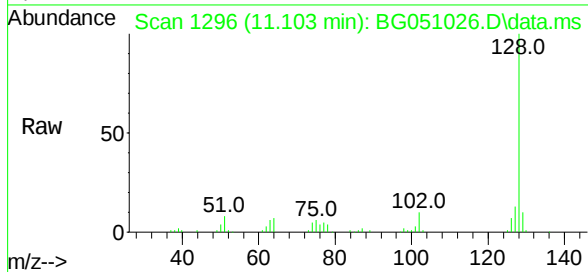




Scan 1296 (11.102 min): BG051028.D\data.ms (-1284) (-)
 Naphthalene
 Concen: 11.14 ng
 RT: 11.103 min Scan# 1134
 Delta R.T. 0.001 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

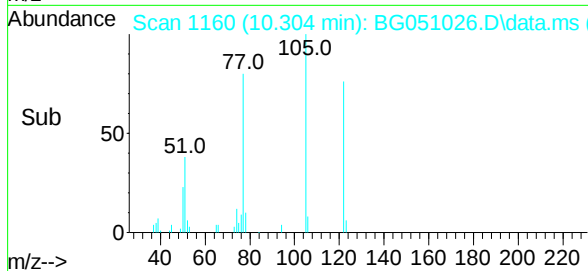
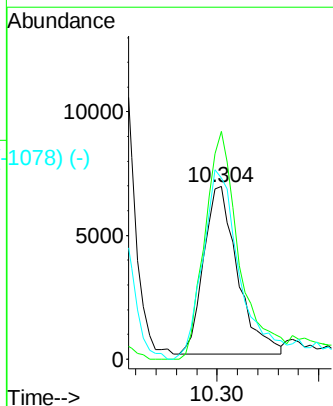
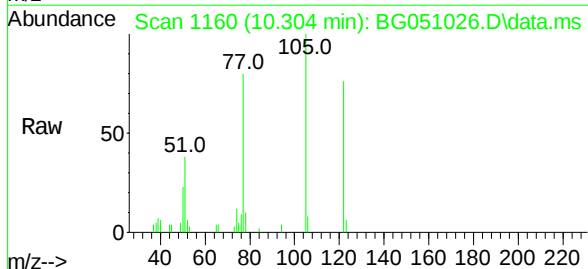
Instrument : BNA_G
 ClientSampleId : BG051026.D
 SSTDICC010

Tgt Ion:	128	Resp:	101114
Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.5	12.7
127	13.0	10.2	15.4



Scan 1168 (10.350 min): BG051028.D\data.ms (-1132) (-)
 Benzoic acid
 Concen: 8.22 ng
 RT: 10.304 min Scan# 1160
 Delta R.T. -0.046 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

Tgt Ion:	122	Resp:	15751
Ion	Ratio	Lower	Upper
122	100		
105	132.0	92.3	132.3
77	105.0	66.5	106.5



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

4-Chloroaniline

Concen: 11.09 ng

RT: 11.215 min Scan# 1315

Delta R.T. 0.001 min

Lab File: BG051026.D

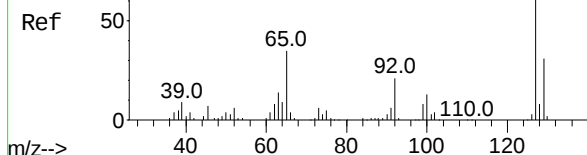
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:127 Resp: 42235

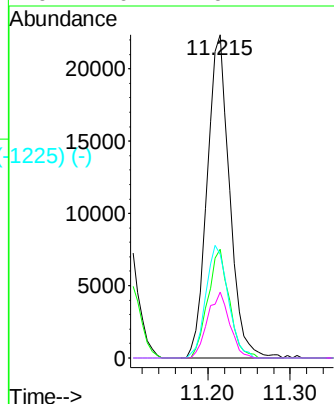
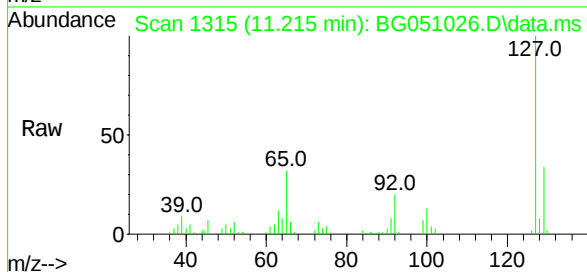
Ion Ratio Lower Upper

127 100

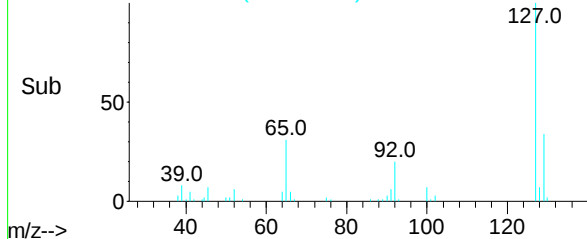
129 33.6 26.7 40.1

65 32.1 32.8 49.2#

92 20.4 16.2 24.4



Abundance Scan 1315 (11.215 min): BG051026.D\data.ms (-1225) (-)



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

Hexachlorobutadiene

Concen: 10.37 ng

RT: 11.373 min Scan# 1342

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

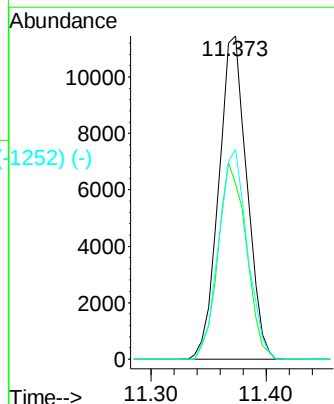
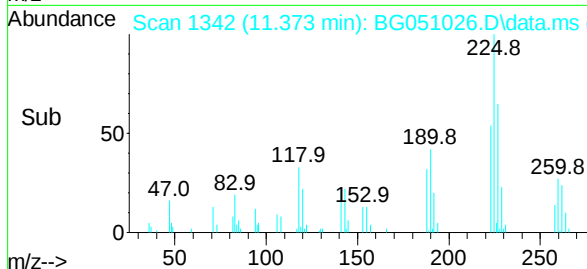
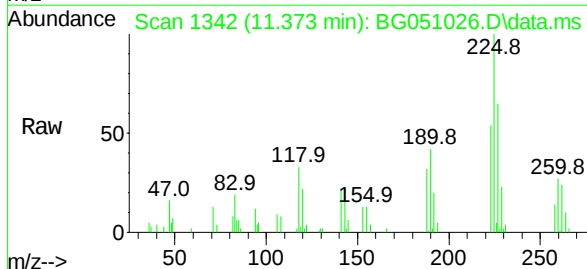
Tgt Ion:225 Resp: 19474

Ion Ratio Lower Upper

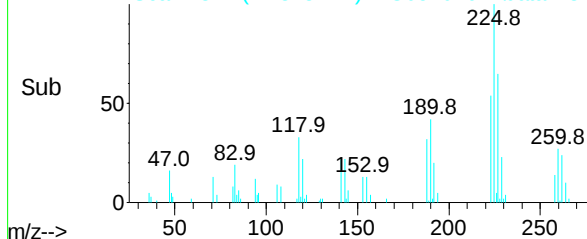
225 100

223 54.3 49.8 74.8

227 64.9 46.4 69.6



Abundance Scan 1342 (11.373 min): BG051026.D\data.ms (-1252) (-)



Abundance Scan 1450 (12.006 min): BG051028.D\data.ms (-1435) (-)

Caprolactam

Concen: 7.37 ng

RT: 11.996 min Scan# 1448

Delta R.T. -0.010 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:113 Resp: 7430

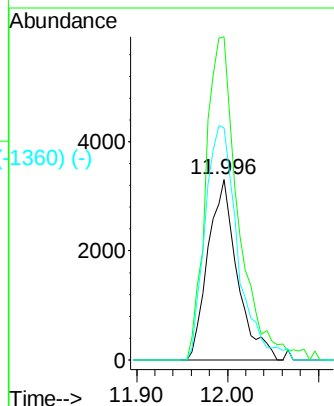
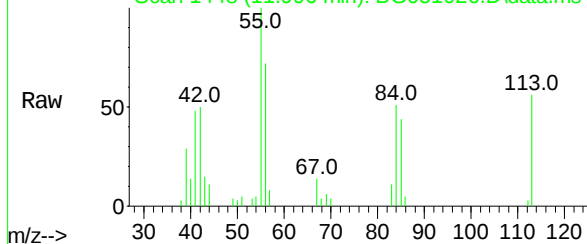
Ion Ratio Lower Upper

113 100

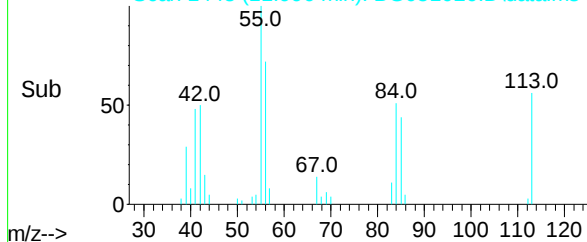
55 178.9 113.8 153.8#

56 128.5 105.6 145.6

Abundance Scan 1448 (11.996 min): BG051026.D\data.ms



Abundance Scan 1448 (11.996 min): BG051026.D\data.ms (-1360) (-)



Abundance Scan 1502 (12.312 min): BG051028.D\data.ms (-1436) (-)

4-Chloro-3-methylphenol

Concen: 10.70 ng

RT: 12.313 min Scan# 1502

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion:107 Resp: 35228

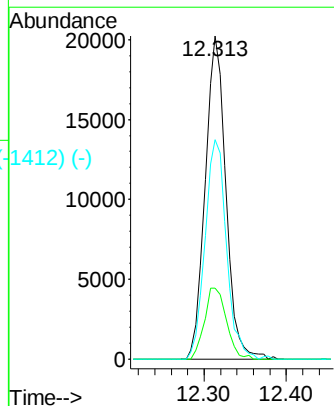
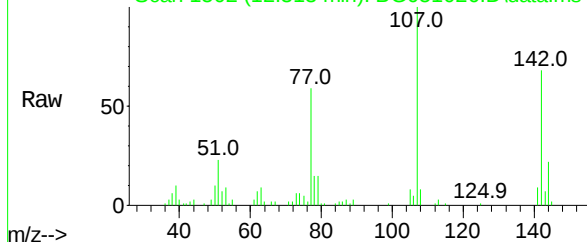
Ion Ratio Lower Upper

107 100

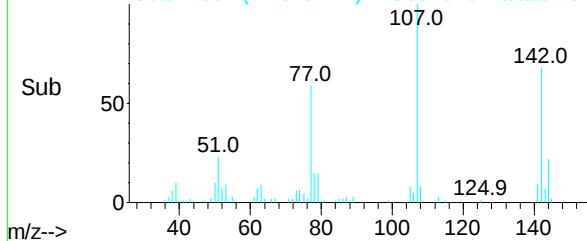
144 21.9 24.8 37.2#

142 68.0 62.2 93.4

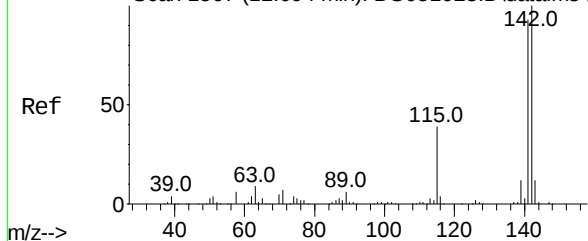
Abundance Scan 1502 (12.313 min): BG051026.D\data.ms



Abundance Scan 1502 (12.313 min): BG051026.D\data.ms (-1412) (-)



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



2-Methylnaphthalene

Concen: 11.04 ng

RT: 12.695 min Scan# 1567

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

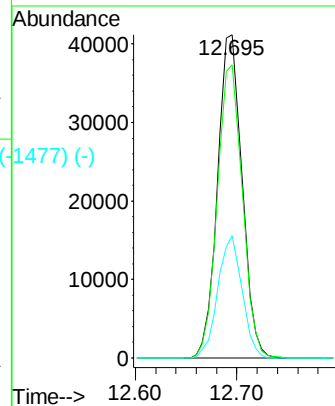
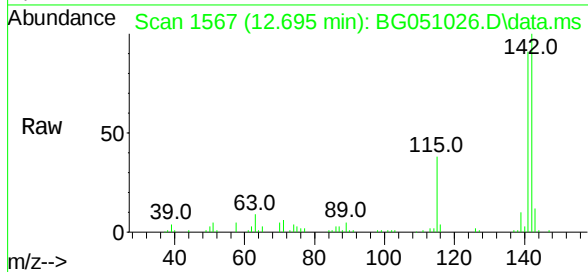
Tgt Ion:142 Resp: 69094

Ion Ratio Lower Upper

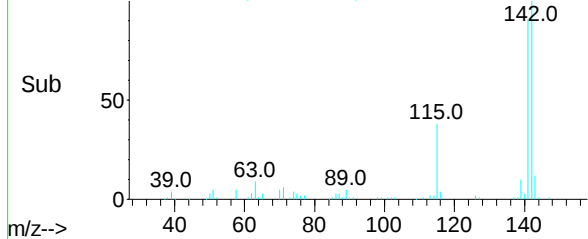
142 100

141 90.6 68.8 103.2

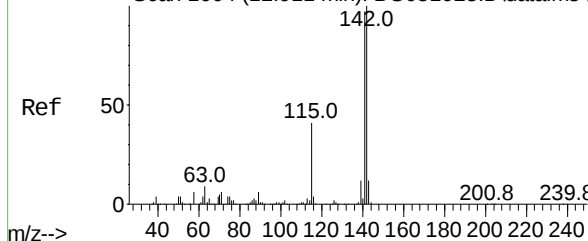
115 37.9 36.4 54.6



Abundance Scan 1567 (12.695 min): BG051026.D\data.ms (-1477) (-)



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



1-Methylnaphthalene

Concen: 11.28 ng

RT: 12.913 min Scan# 1604

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

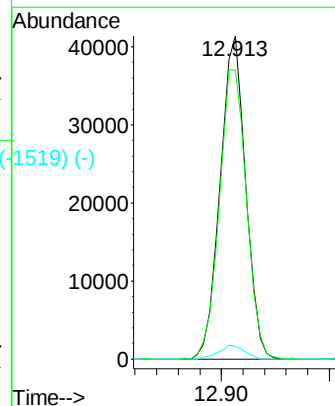
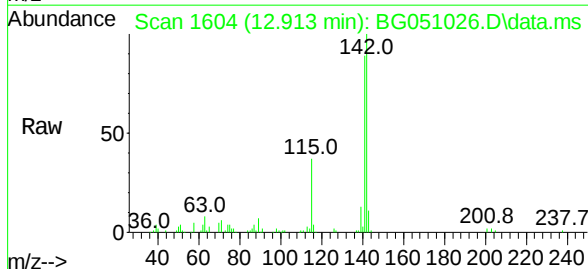
Tgt Ion:142 Resp: 68497

Ion Ratio Lower Upper

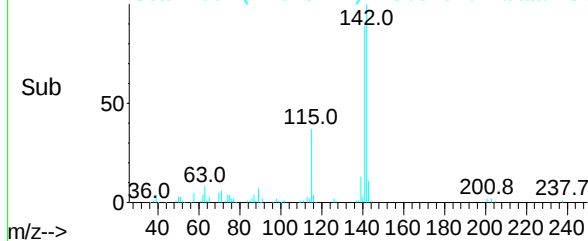
142 100

141 89.4 70.6 106.0

116 4.0 4.0 6.0



Abundance Scan 1604 (12.913 min): BG051026.D\data.ms (-1519) (-)



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.852 min Scan# 1629

Delta R.T. -0.005 min

Lab File: BG051026.D

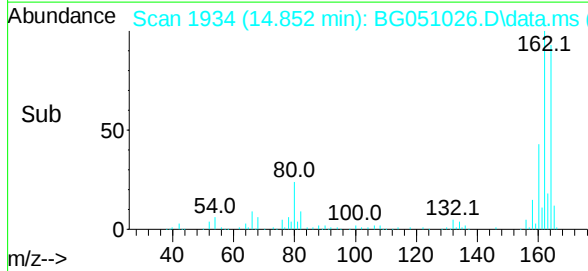
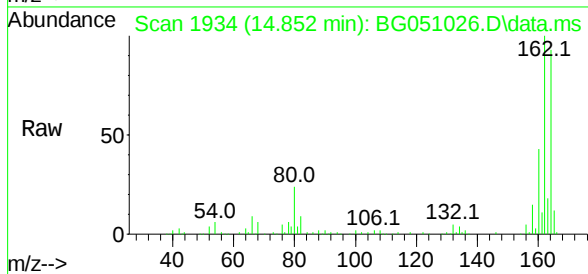
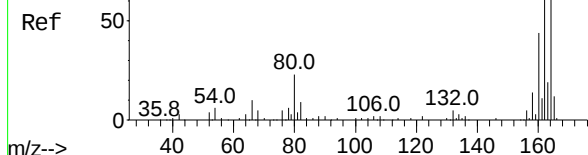
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



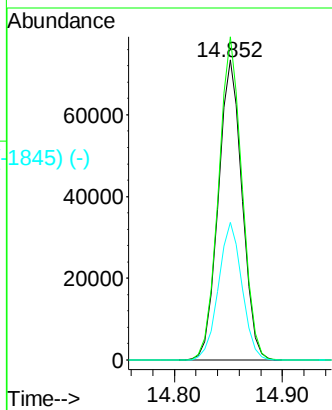
Tgt Ion:164 Resp: 113075

Ion Ratio Lower Upper

164 100

162 107.6 81.4 122.0

160 45.8 34.9 52.3



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

1,2,4,5-Tetrachlorobenzene

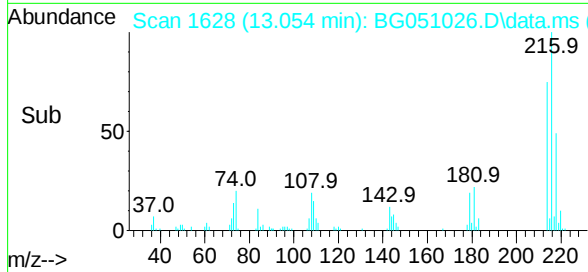
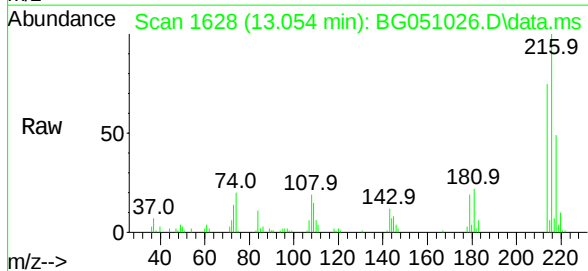
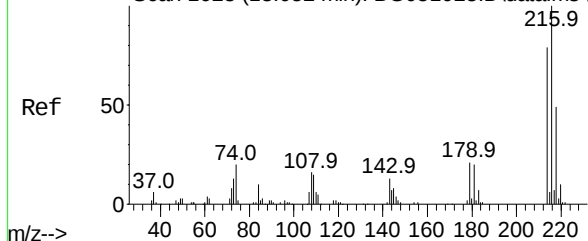
Concen: 11.02 ng

RT: 13.054 min Scan# 1628

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45



Tgt Ion:216 Resp: 36786

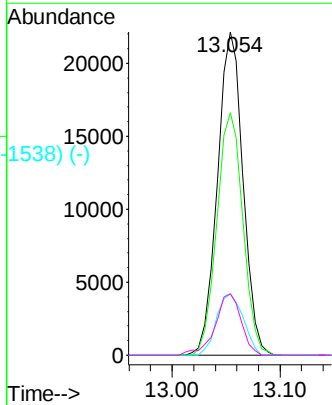
Ion Ratio Lower Upper

216 100

214 76.3 61.4 92.2

179 19.7 17.3 25.9

108 19.3 16.3 24.5



Abundance Scan 1623 (13.023 min): BG051028.D\data.ms (-1533) (-)

Hexachlorocyclopentadiene

Concen: 4.38 ng

RT: 13.024 min Scan# 1623

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:237 Resp: 8452

Ion Ratio Lower Upper

237 100

235 60.1 36.6 76.6

272 14.3 0.0 32.5

Abundance Scan 1623 (13.024 min): BG051026.D\data.ms

Ref

60.0 94.9 129.9 166.9 200.8 236.8 271.8

m/z-->

Abundance Scan 1623 (13.024 min): BG051026.D\data.ms

Raw

60.0 95.0 129.9 164.8 200.8 236.8 271.7

m/z-->

Abundance Scan 1623 (13.024 min): BG051026.D\data.ms (-1533) (-)

Sub

60.0 95.0 129.9 164.8 200.8 236.8 271.6

m/z-->

Abundance

13.024

5000

4000

3000

2000

1000

0

Time-->

Abundance Scan 2188 (16.343 min): BG051028.D\data.ms (-2187) (-)

2,4,6-Tribromophenol

Concen: 22.13 ng

RT: 16.338 min Scan# 2187

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion:330 Resp: 23864

Ion Ratio Lower Upper

330 100

332 99.9 77.3 115.9

141 49.9 35.6 53.4

Abundance Scan 2187 (16.338 min): BG051026.D\data.ms

Ref

62.0 103.9 142.9 221.8 329.8 331.8

m/z-->

Abundance Scan 2187 (16.338 min): BG051026.D\data.ms

Raw

62.0 140.9 221.8 329.8

m/z-->

Abundance Scan 2187 (16.338 min): BG051026.D\data.ms (-2098) (-)

Sub

62.0 140.9 221.8 329.8

m/z-->

Abundance

16.338

15000

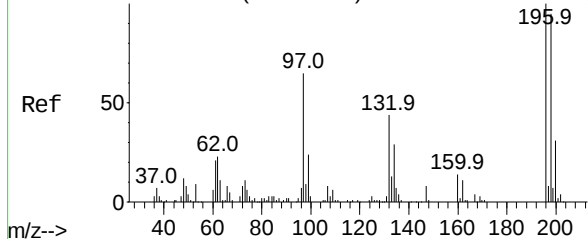
10000

5000

0

Time-->

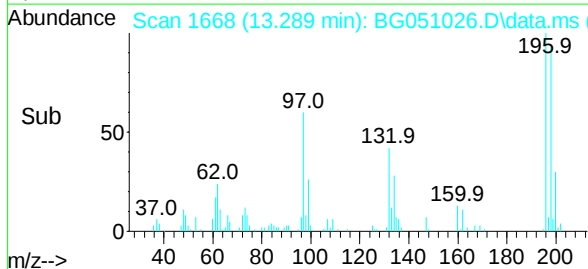
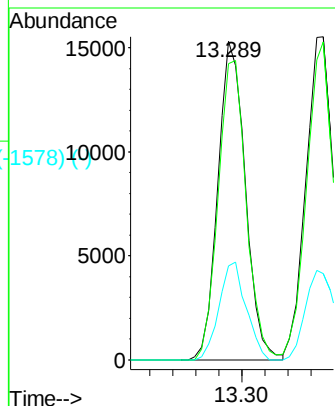
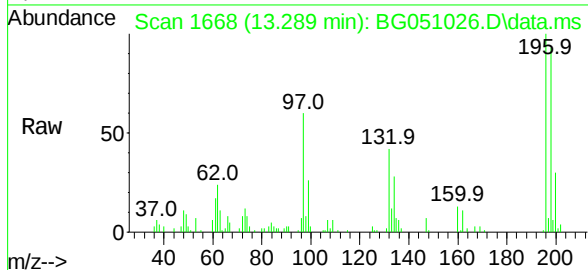
Abundance Scan 1668 (13.287 min): BG051028.D\data.ms (-1668)



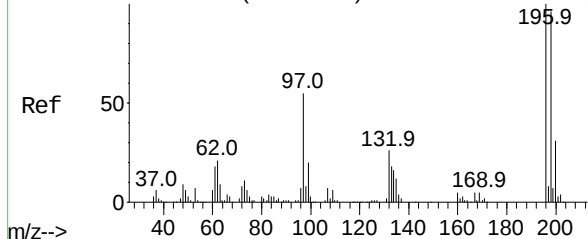
2,4,6-Trichlorophenol
Concen: 10.80 ng
RT: 13.289 min Scan# 1668
Delta R.T. 0.001 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:	196	Resp:	25419
Ion	Ratio	Lower	Upper
196	100		
198	92.9	82.1	123.1
200	29.5	23.8	35.8

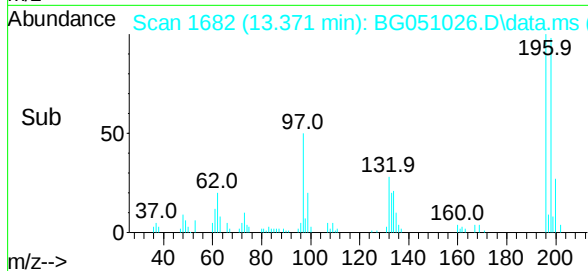
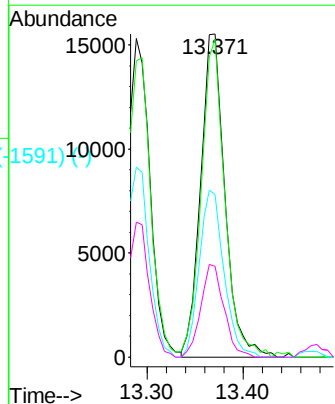
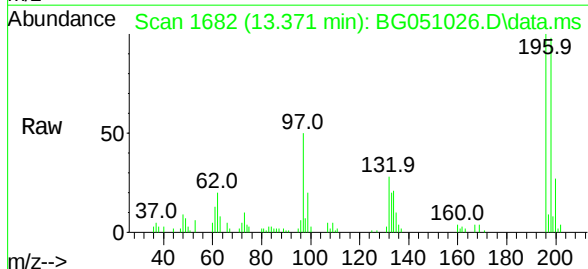


Abundance Scan 1681 (13.364 min): BG051028.D\data.ms (-1681)

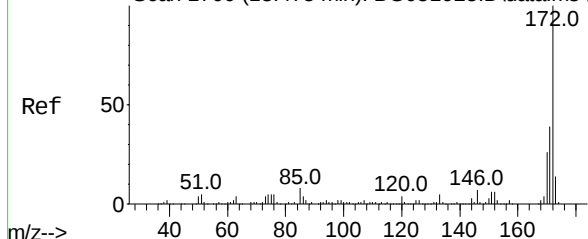


2,4,5-Trichlorophenol
Concen: 11.14 ng
RT: 13.371 min Scan# 1682
Delta R.T. 0.007 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Tgt Ion:	196	Resp:	27397
Ion	Ratio	Lower	Upper
196	100		
198	98.3	87.4	131.0
97	50.2	43.3	64.9
132	28.1	21.4	32.2



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



2-Fluorobiphenyl

Concen: 22.81 ng

RT: 13.471 min Scan# 1699

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

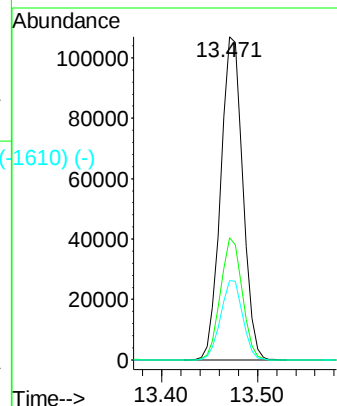
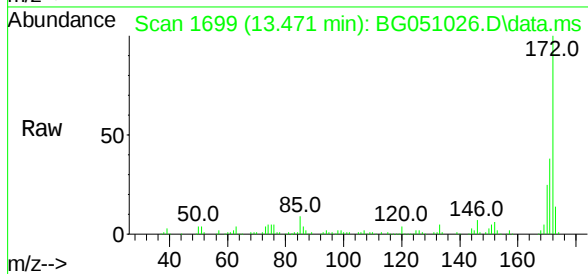
Tgt Ion:172 Resp: 171374

Ion Ratio Lower Upper

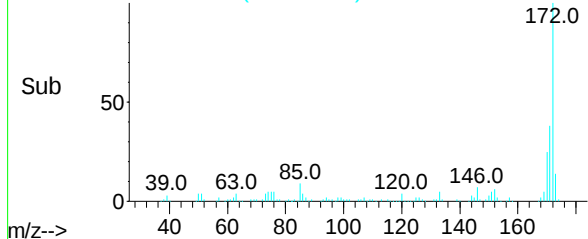
172 100

171 37.8 28.6 43.0

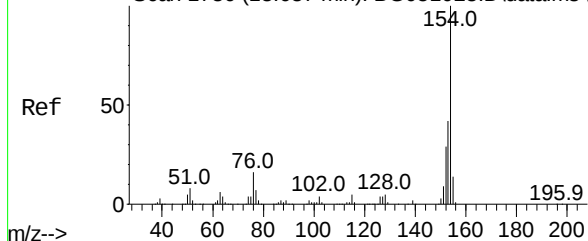
170 24.6 18.6 27.8



Abundance Scan 1699 (13.471 min): BG051026.D\data.ms (-1610) (-)



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



1,1'-Biphenyl

Concen: 11.26 ng

RT: 13.688 min Scan# 1736

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

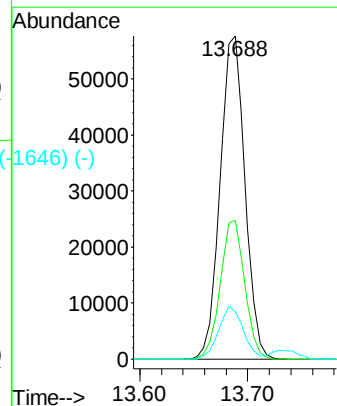
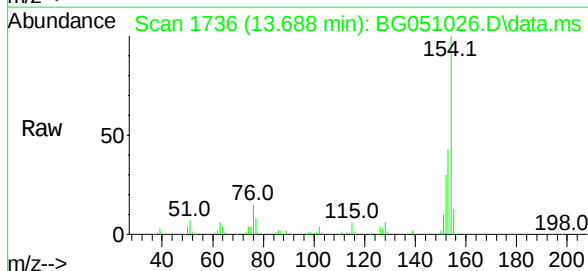
Tgt Ion:154 Resp: 92886

Ion Ratio Lower Upper

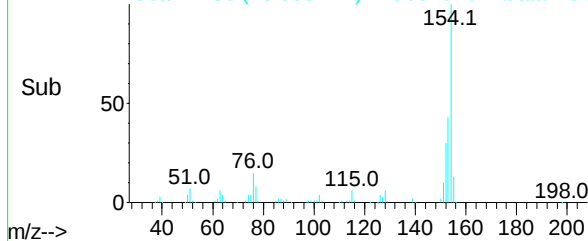
154 100

153 43.0 20.5 60.5

76 14.6 0.0 29.3



Abundance Scan 1736 (13.688 min): BG051026.D\data.ms (-1646) (-)



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

2-Chloronaphthalene

Concen: 11.54 ng

RT: 13.735 min Scan# 1744

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 73111

Ion Ratio Lower Upper

162 100

127 38.4 32.7 49.1

164 32.5 27.0 40.4

Abundance Scan 1744 (13.735 min): BG051026.D\data.ms

Ref 50

162.0

127.0

81.0

63.0

39.0

101.0

m/z-->

Abundance Scan 1744 (13.735 min): BG051026.D\data.ms (-1654) (-)

Sub 50

162.0

127.0

81.0

63.0

39.0

101.0

m/z-->

Abundance

13.735

40000

30000

20000

10000

0

13.70 13.80

Time-->

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

2-Nitroaniline

Concen: 10.41 ng

RT: 13.941 min Scan# 1779

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion: 65 Resp: 26218

Ion Ratio Lower Upper

65 100

92 65.5 47.2 70.8

138 88.8 68.0 102.0

Abundance Scan 1779 (13.941 min): BG051026.D\data.ms

Ref 50

138.0

92.0

65.0

39.0

108.0

m/z-->

Abundance Scan 1779 (13.941 min): BG051026.D\data.ms (-1689) (-)

Sub 50

138.0

92.0

65.0

39.0

108.0

m/z-->

Abundance

13.941

15000

10000

5000

0

13.90 14.00

Time-->

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

Acenaphthylene

Concen: 11.46 ng

RT: 14.575 min Scan# 1888

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 118870

Ion Ratio Lower Upper

152 100

151 19.3 18.2 27.4

153 13.4 11.7 17.5

Abundance Scan 1887 (14.575 min): BG051026.D\data.ms

Ref 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1887 (14.575 min): BG051026.D\data.ms

Raw 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1887 (14.575 min): BG051026.D\data.ms (-1798) (-)

Sub 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance

14.575

60000

40000

20000

0

Time-->

14.50 14.60

Abundance Scan 1840 (14.298 min): BG051028.D\data.ms (-1650) (-)

Dimethylphthalate

Concen: 11.91 ng

RT: 14.293 min Scan# 1839

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion:163 Resp: 101822

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.6

164 8.9 8.6 12.8

Abundance Scan 1839 (14.293 min): BG051026.D\data.ms

Ref 50

163.0

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance Scan 1839 (14.293 min): BG051026.D\data.ms

Raw 50

163.0

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance Scan 1839 (14.293 min): BG051026.D\data.ms (-1750) (-)

Sub 50

163.0

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance

14.293

60000

40000

20000

0

Time-->

14.30

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

2,6-Dinitrotoluene

Concen: 11.89 ng

RT: 14.423 min Scan# 1862

Delta R.T. -0.005 min

Lab File: BG051026.D

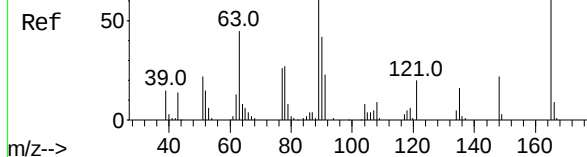
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



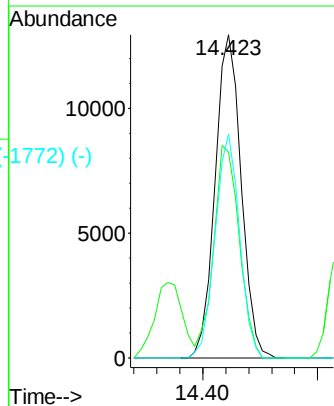
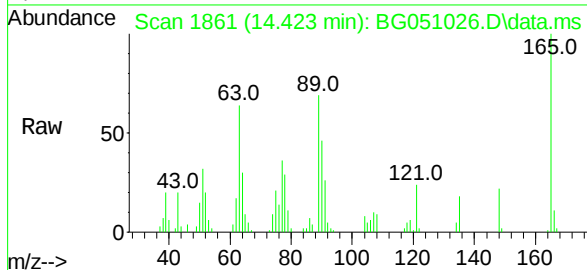
Tgt Ion:165 Resp: 20363

Ion Ratio Lower Upper

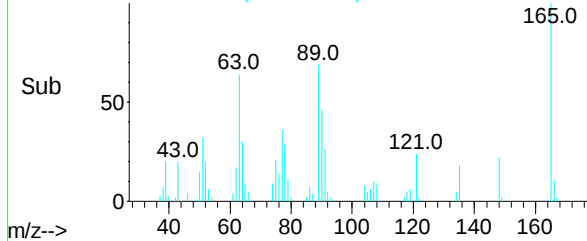
165 100

63 63.8 63.3 94.9

89 69.4 63.4 95.0



Abundance Scan 1861 (14.423 min): BG051026.D\data.ms (-1772) (-)



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

Acenaphthene

Concen: 10.24 ng

RT: 14.916 min Scan# 1945

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

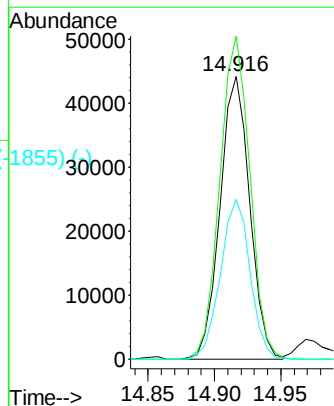
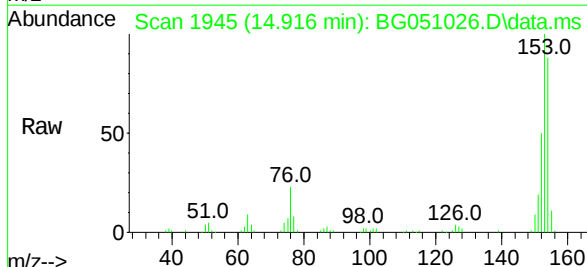
Tgt Ion:154 Resp: 68278

Ion Ratio Lower Upper

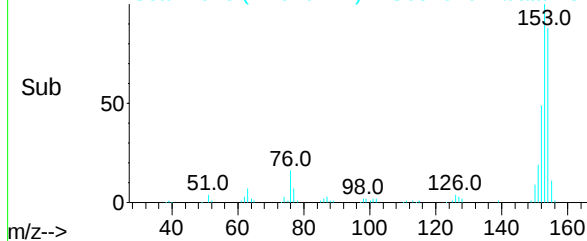
154 100

153 114.1 87.0 130.4

152 56.5 40.1 60.1



Abundance Scan 1945 (14.916 min): BG051026.D\data.ms (-1855) (-)



Abundance Scan 1918 (14.756 min): BG051028.D\data.ms (-1955) (-)

3-Nitroaniline

Concen: 11.43 ng

RT: 14.758 min Scan# 1918

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:138 Resp: 23146

Ion Ratio Lower Upper

138 100

108 9.5 8.3 12.5

92 137.2 96.4 144.6

Abundance Scan 1918 (14.758 min): BG051026.D\data.ms

Ref

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance Scan 1918 (14.758 min): BG051026.D\data.ms

Raw

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance Scan 1918 (14.758 min): BG051026.D\data.ms (-1828) (-)

Sub

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance

15000

10000

5000

0

14.758

Time-->

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

2,4-Dinitrophenol

Concen: 7.44 ng

RT: 14.975 min Scan# 1955

Delta R.T. 0.007 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion:184 Resp: 7899

Ion Ratio Lower Upper

184 100

63 72.2 68.3 102.5

154 63.5 62.6 93.8

Abundance Scan 1955 (14.975 min): BG051026.D\data.ms

Ref

50

37.9 63.0 91.0 154.0 184.0 207.0

m/z-->

Abundance Scan 1955 (14.975 min): BG051026.D\data.ms

Raw

50

37.9 63.0 91.0 154.0 184.0 207.0

m/z-->

Abundance Scan 1955 (14.975 min): BG051026.D\data.ms (-1864) (-)

Sub

50

53.0 91.0 154.0 184.0 207.0

m/z-->

Abundance

40000

30000

20000

10000

0

14.975

Time-->

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

Dibenzofuran

Concen: 11.39 ng

RT: 15.251 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 117489

Ion Ratio Lower Upper

168 100

139 36.0 33.4 50.2

169 11.9 12.3 18.5#

Abundance Scan 2002 (15.251 min): BG051026.D\data.ms

Ref 50

168.0

139.0

39.0 62.0 84.0 113.0

m/z-->

Abundance Scan 2002 (15.251 min): BG051026.D\data.ms

Raw 50

168.0

139.0

39.0 63.0 84.0 113.0

m/z-->

Abundance Scan 2002 (15.251 min): BG051026.D\data.ms (-1912) (-)

Sub 50

168.0

139.0

39.0 63.0 84.0 113.0

m/z-->

Abundance

15.251

60000

40000

20000

0

Time-->

15.20 15.30

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

4-Nitrophenol

Concen: 10.70 ng

RT: 15.057 min Scan# 1969

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion:139 Resp: 17430

Ion Ratio Lower Upper

139 100

109 82.5 116.3 156.3#

65 104.2 105.0 145.0#

Abundance Scan 1969 (15.057 min): BG051026.D\data.ms

Ref 50

139.0

109.0

65.0

39.0

m/z-->

Abundance Scan 1969 (15.057 min): BG051026.D\data.ms

Raw 50

139.0

109.0

65.0

39.0

m/z-->

Abundance Scan 1969 (15.057 min): BG051026.D\data.ms (-1880) (-)

Sub 50

139.0

109.0

65.0

39.0

m/z-->

Abundance

15.057

8000

6000

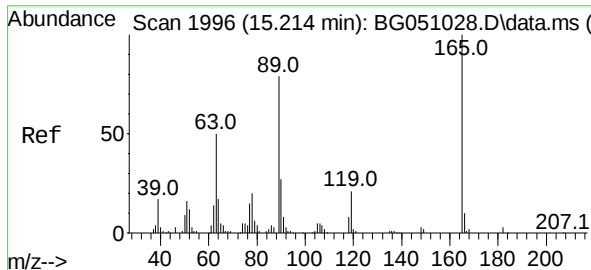
4000

2000

0

Time-->

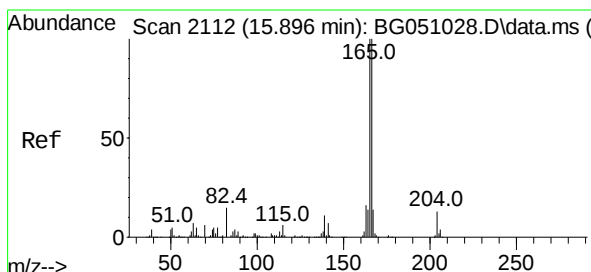
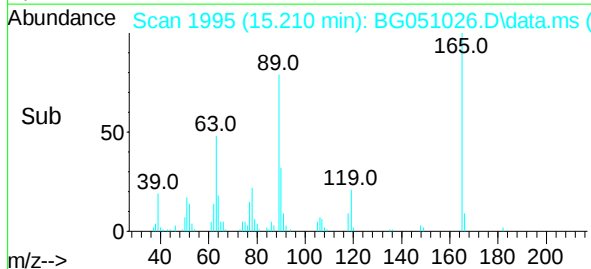
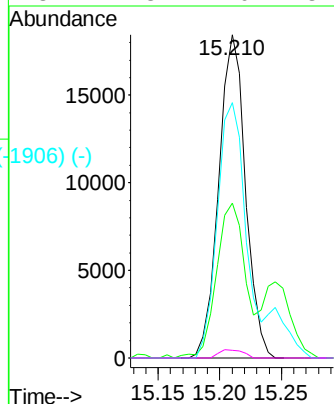
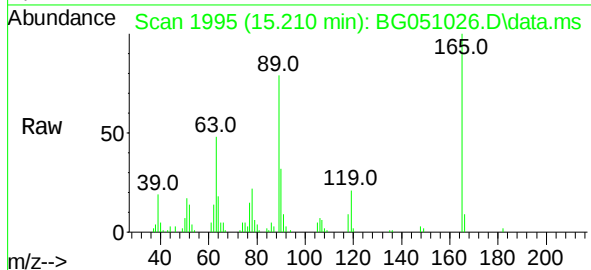
15.00 15.10



2,4-Dinitrotoluene
Concen: 11.54 ng
RT: 15.210 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

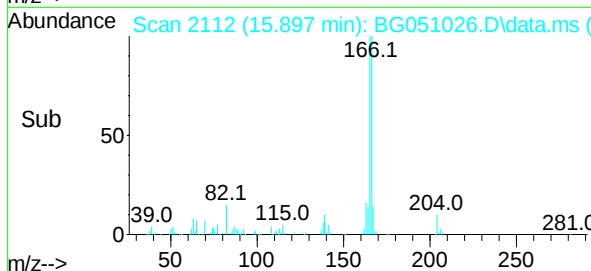
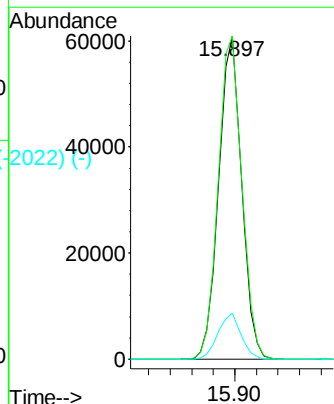
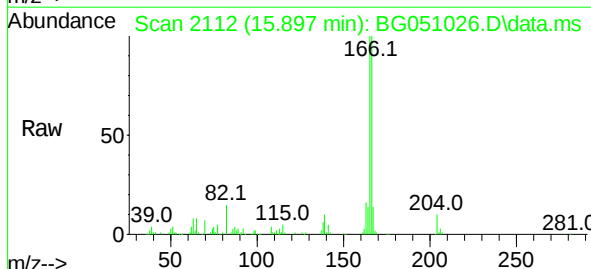
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:	165	Resp:	27845
Ion	Ratio	Lower	Upper
165	100		
63	48.0	48.0	72.0#
89	79.1	65.4	98.0
182	2.3	2.0	3.0



Fluorene
Concen: 11.46 ng
RT: 15.897 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Tgt Ion:	166	Resp:	90816
Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.7	116.5
167	14.2	10.8	16.2



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

2,3,4,6-Tetrachlorophenol

Concen: 10.12 ng

RT: 15.392 min Scan# 1

Delta R.T. -0.081 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Ref 50 0 40 60 80 100 120 140 160 180 200 220 240

m/z-->

Abundance Scan 2026 (15.392 min): BG051026.D\data.ms

Raw 50 0 40 60 80 100 120 140 160 180 200 220 240

m/z-->

Abundance Scan 2026 (15.392 min): BG051026.D\data.ms (-1950) (-)

Sub 50 0 40 60 80 100 120 140 160 180 200 220 240

m/z-->

Tgt Ion:232 Resp: 21688

Ion Ratio Lower Upper

232 100

131 42.4 37.2 55.8

130 3.0 2.8 4.2

166 25.5 24.0 36.0

Abundance

15.392

10000

5000

0

Time-->

15.40

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

Diethylphthalate

Concen: 11.63 ng

RT: 15.645 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Ref 50 0 40 60 80 100 120 140 160 180 200 220

m/z-->

Abundance Scan 2069 (15.645 min): BG051026.D\data.ms

Raw 50 0 40 60 80 100 120 140 160 180 200 220

m/z-->

Abundance Scan 2069 (15.645 min): BG051026.D\data.ms (-1980) (-)

Sub 50 0 40 60 80 100 120 140 160 180 200 220

m/z-->

Tgt Ion:149 Resp: 104467

Ion Ratio Lower Upper

149 100

177 21.4 19.0 28.6

150 13.5 10.2 15.4

Abundance

15.645

60000

40000

20000

0

Time-->

15.60 15.65 15.70

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

4-Chlorophenyl-phenylether

Concen: 11.13 ng

RT: 15.880 min Scan# 2109

Delta R.T. 0.001 min

Lab File: BG051026.D

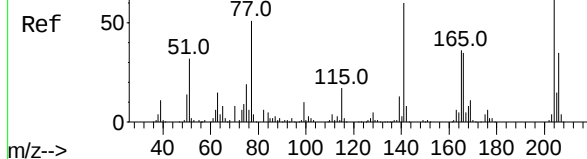
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



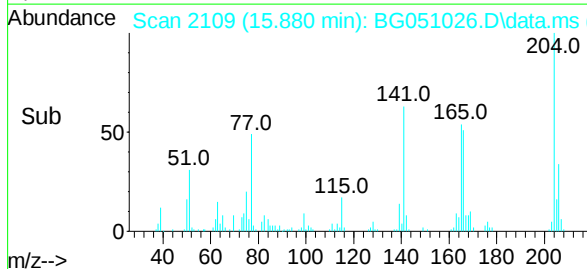
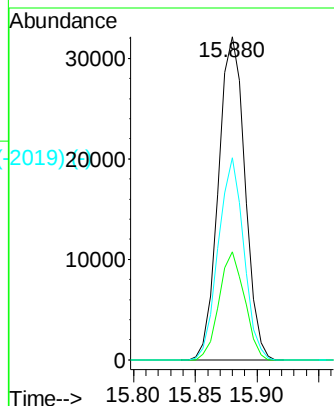
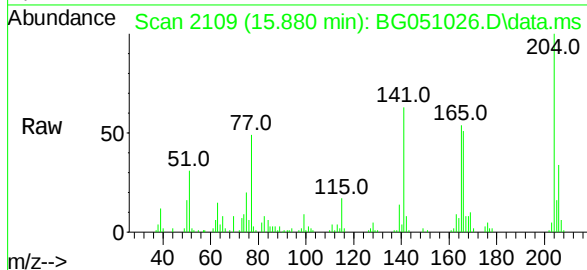
Tgt Ion:204 Resp: 48222

Ion Ratio Lower Upper

204 100

206 33.6 24.6 37.0

141 62.6 47.8 71.8



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

4-Nitroaniline

Concen: 11.39 ng

RT: 15.915 min Scan# 2115

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

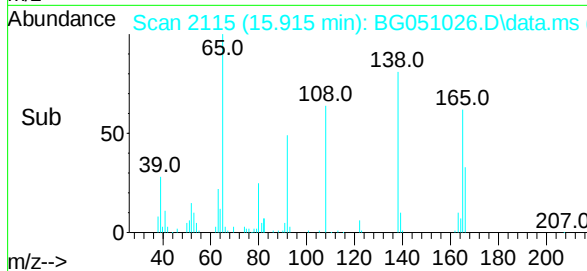
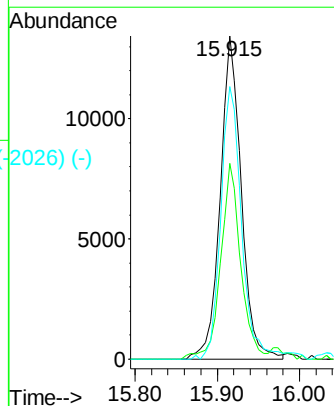
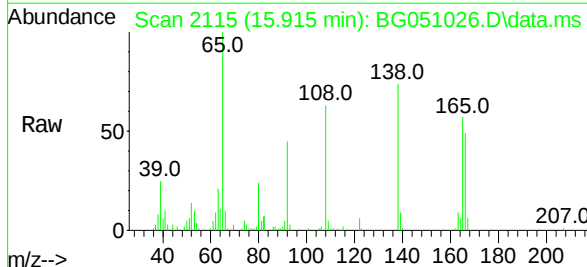
Tgt Ion:138 Resp: 24004

Ion Ratio Lower Upper

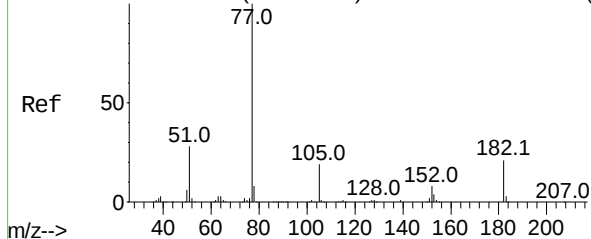
138 100

92 60.6 32.3 72.3

108 84.4 132.4 172.4#



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



Azobenzene

Concen: 10.73 ng

RT: 16.173 min Scan# 2159

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

Tgt Ion: 77 Resp: 111593

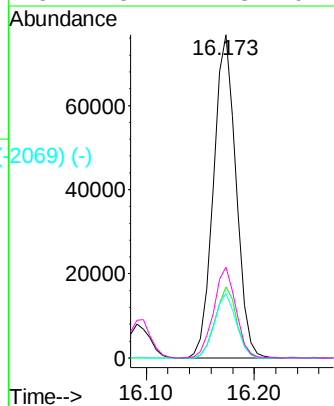
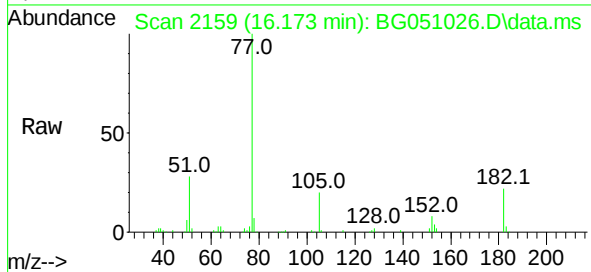
Ion Ratio Lower Upper

77 100

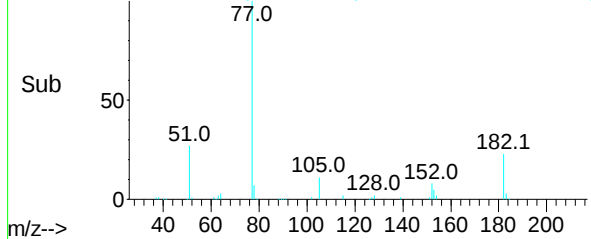
182 22.1 7.9 47.9

105 19.9 0.0 37.9

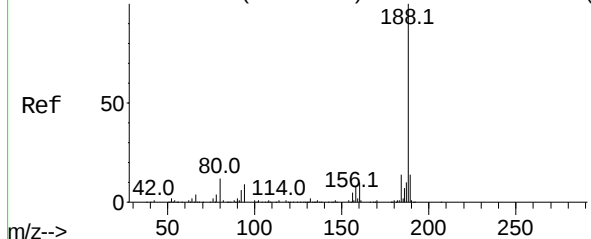
51 28.1 27.3 67.3



Abundance Scan 2159 (16.173 min): BG051026.D\data.ms (-2069) (-)



Abundance Scan 2402 (17.600 min): BG051028.D\data.ms (-2354) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.595 min Scan# 2401

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

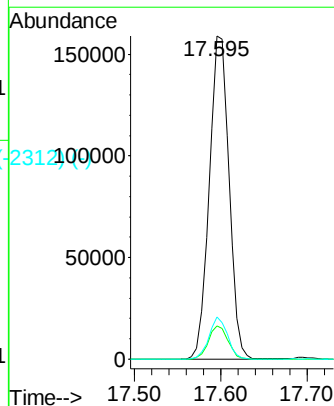
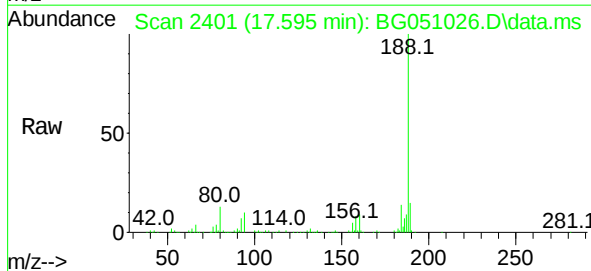
Tgt Ion: 188 Resp: 252112

Ion Ratio Lower Upper

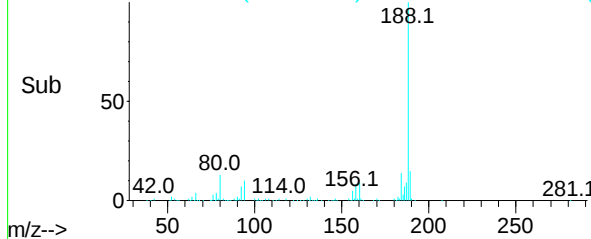
188 100

94 10.3 5.4 8.0#

80 13.0 3.7 5.5#



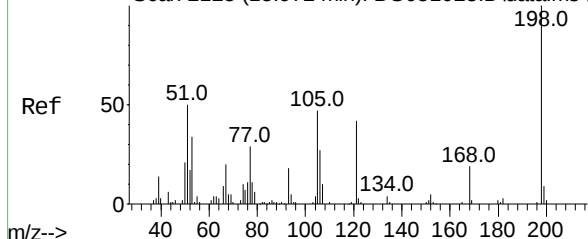
Abundance Scan 2401 (17.595 min): BG051026.D\data.ms (-2312) (-)



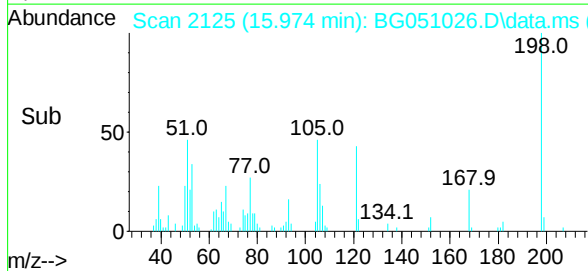
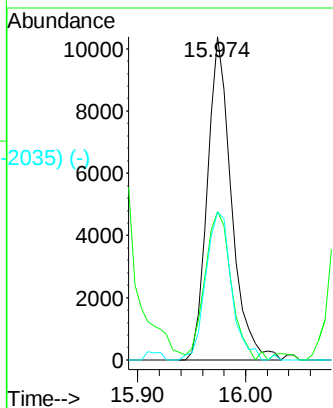
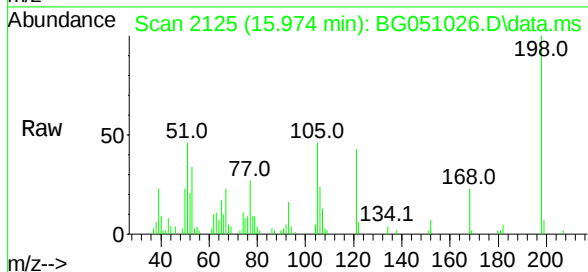
Abundance Scan 2125 (15.972 min): BG051028.D\data.ms (-2165) (-)

4,6-Dinitro-2-methylphenol
Concen: 10.58 ng
RT: 15.974 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Instrument :
BNA_G
ClientSampleId :
SSTDICC010



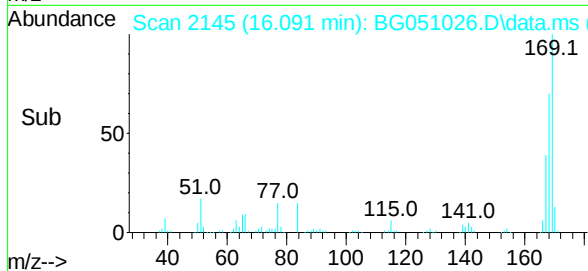
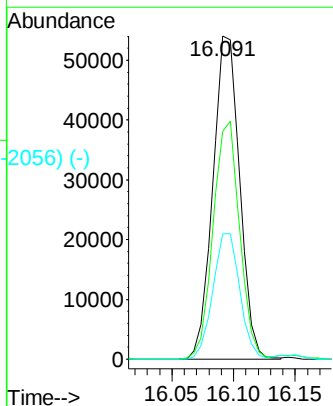
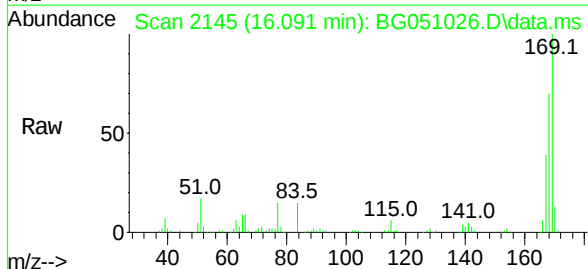
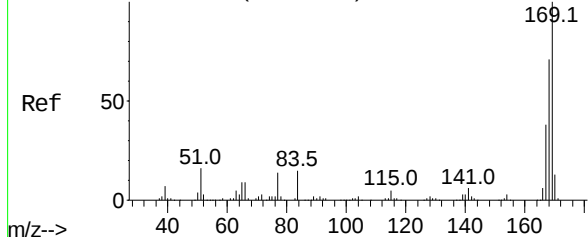
Tgt Ion:	198	Resp:	16019
Ion	Ratio	Lower	Upper
198	100		
51	45.8	29.4	69.4
105	45.7	15.1	55.1



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

n-Nitrosodiphenylamine
Concen: 11.42 ng
RT: 16.091 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Tgt Ion:	169	Resp:	81839
Ion	Ratio	Lower	Upper
169	100		
168	70.4	56.3	84.5
167	38.8	28.4	42.6



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

4-Bromophenyl-phenylether

Concen: 11.46 ng

RT: 16.779 min Scan# 2262

Delta R.T. 0.001 min

Lab File: BG051026.D

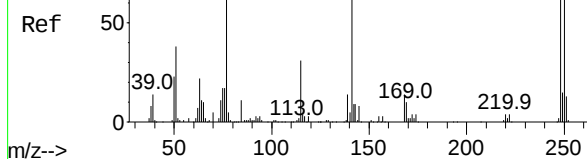
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



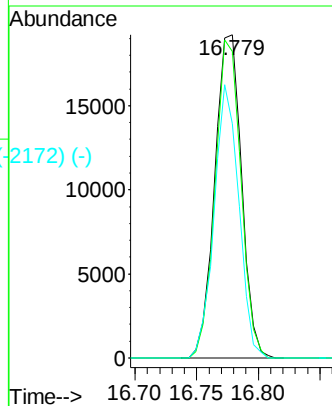
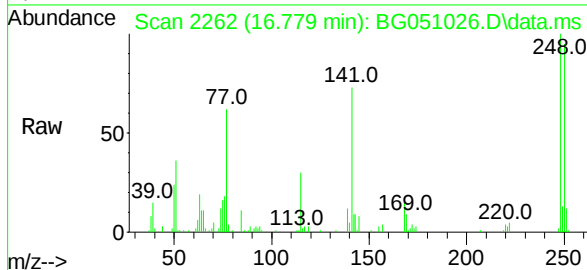
Tgt Ion:248 Resp: 29120

Ion Ratio Lower Upper

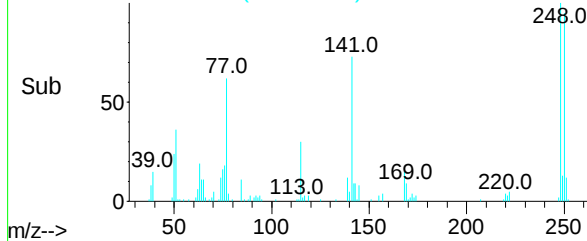
248 100

250 94.9 76.1 114.1

141 72.6 65.4 98.2



Abundance Scan 2262 (16.779 min): BG051026.D\data.ms (-2172) (-)



Abundance Scan 2283 (16.901 min): BG051028.D\data.ms (-2268) (-)

Hexachlorobenzene

Concen: 11.59 ng

RT: 16.896 min Scan# 2282

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

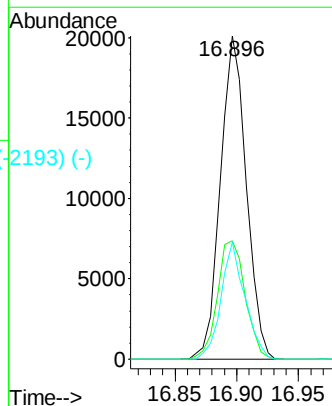
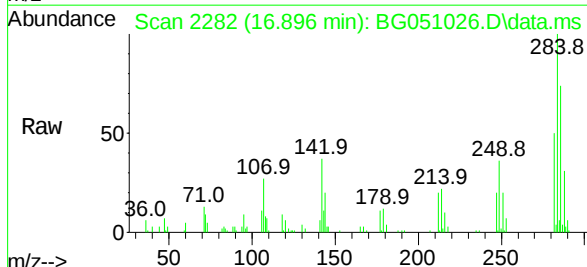
Tgt Ion:284 Resp: 29273

Ion Ratio Lower Upper

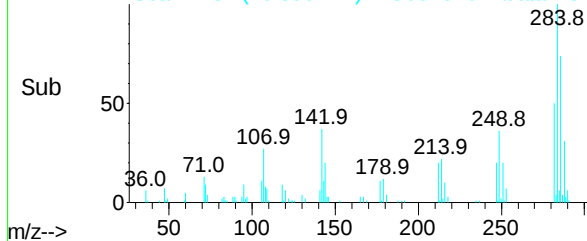
284 100

142 36.6 27.0 40.6

249 36.2 28.2 42.2



Abundance Scan 2282 (16.896 min): BG051026.D\data.ms (-2193) (-)



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

Atrazine

Concen: 7.16 ng

RT: 17.037 min Scan# 2306

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

Tgt Ion:200 Resp: 20193

Ion Ratio Lower Upper

200 100

173 23.1 3.7 43.7

215 46.5 26.9 66.9

Abundance Scan 2306 (17.037 min): BG051026.D\data.ms

200.0

58.1

92.6

132.0

173.0

m/z-->

Abundance Scan 2306 (17.037 min): BG051026.D\data.ms (-2216) (-)

200.0

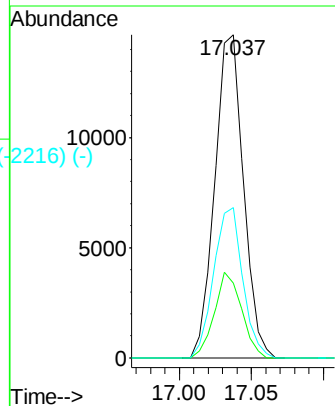
58.1

92.6

132.0

173.0

m/z-->



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

Pentachlorophenol

Concen: 8.16 ng

RT: 17.243 min Scan# 2341

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Tgt Ion:266 Resp: 14019

Ion Ratio Lower Upper

266 100

268 63.0 49.0 73.4

264 59.7 49.0 73.6

Abundance Scan 2341 (17.243 min): BG051026.D\data.ms

265.8

60.0

94.9

129.9

164.9

201.9

234.7

m/z-->

Abundance Scan 2341 (17.243 min): BG051026.D\data.ms (-2251) (-)

265.8

60.0

94.9

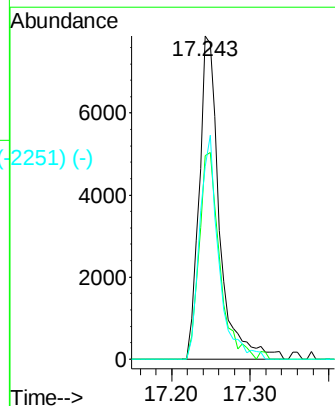
129.9

164.9

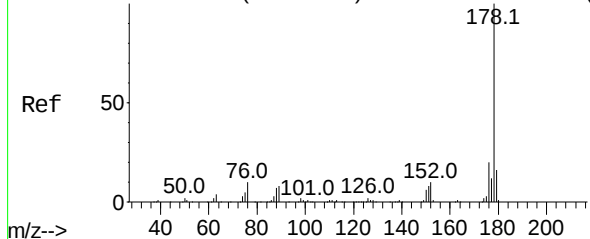
201.9

234.7

m/z-->



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



Phenanthrene

Concen: 11.54 ng

RT: 17.642 min Scan# 2409

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

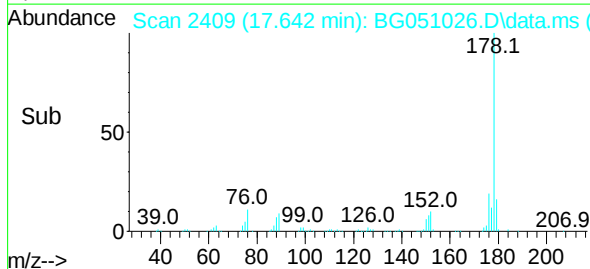
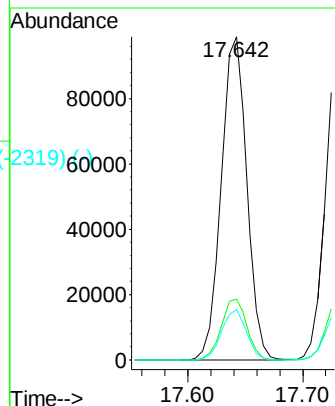
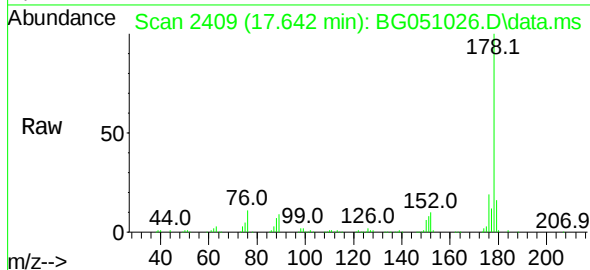
Tgt Ion:178 Resp: 153284

Ion Ratio Lower Upper

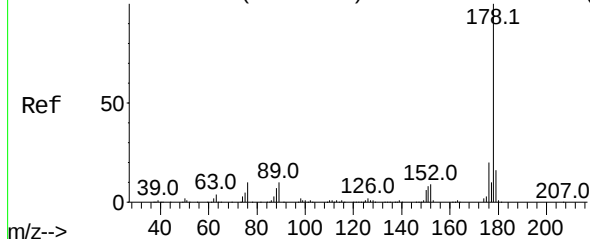
178 100

176 18.7 16.0 24.0

179 15.6 14.2 21.4



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



Anthracene

Concen: 11.54 ng

RT: 17.730 min Scan# 2424

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

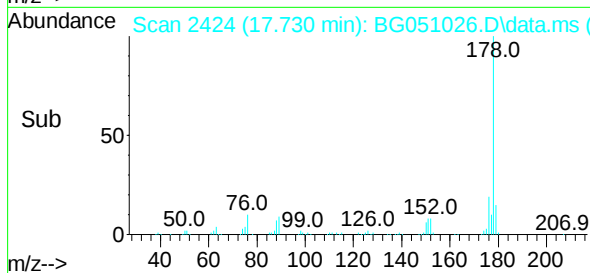
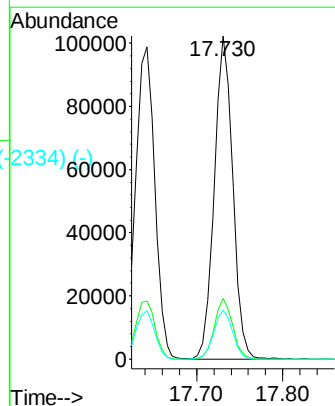
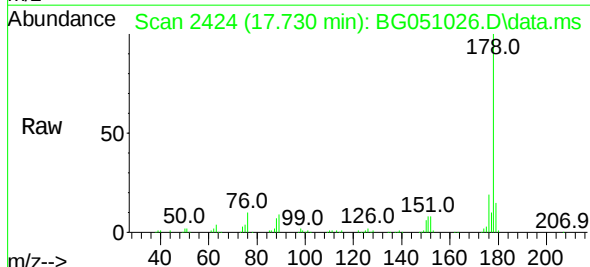
Tgt Ion:178 Resp: 152366

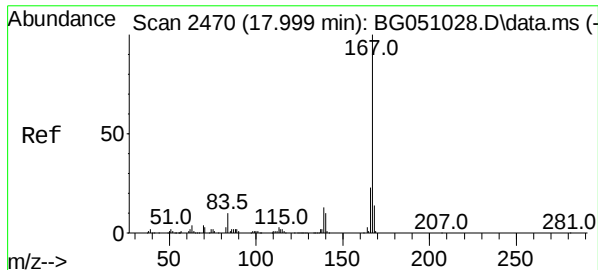
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.3 13.4 20.0

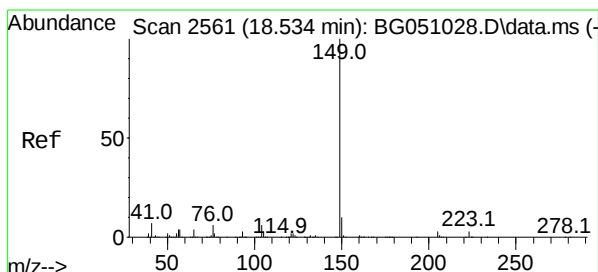
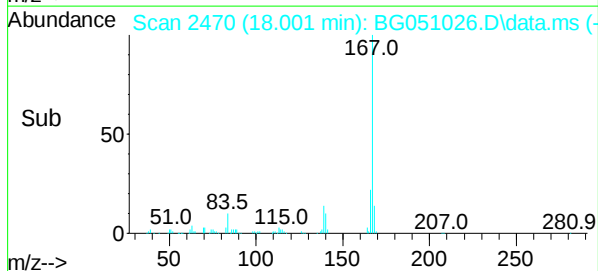
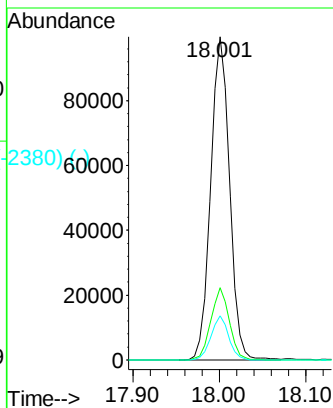
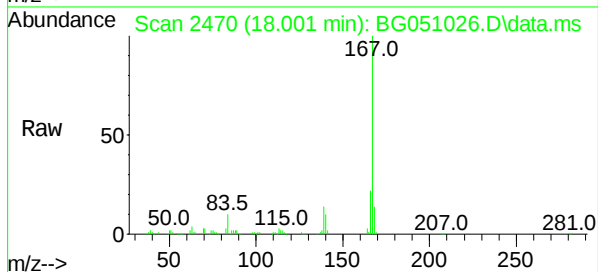




Carbazole
Concen: 11.50 ng
RT: 18.001 min Scan# 2470
Delta R.T. 0.001 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

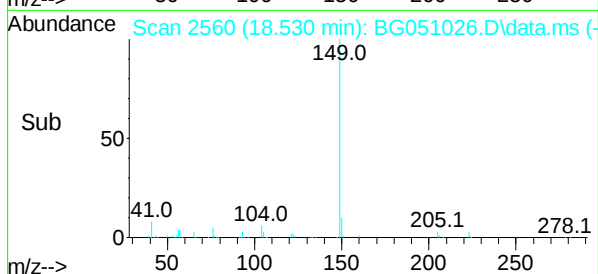
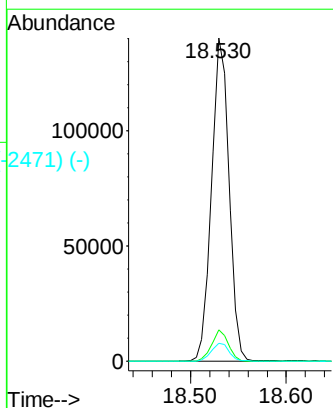
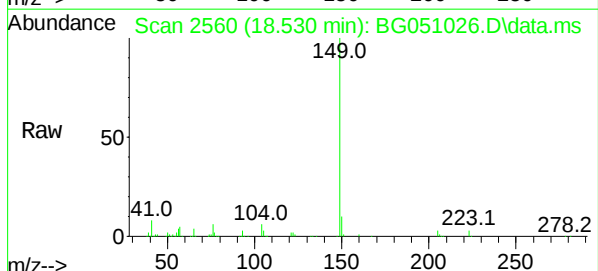
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 151374
Ion Ratio Lower Upper
167 100
166 22.3 17.4 26.2
139 13.7 10.7 16.1

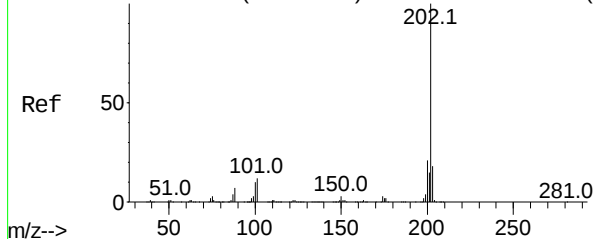


Di-n-butylphthalate
Concen: 11.40 ng
RT: 18.530 min Scan# 2560
Delta R.T. -0.005 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Tgt Ion:149 Resp: 176076
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.5 6.6 10.0#



Abundance Scan 2749 (19.639 min): BG051028.D\data.ms (-272) (-)



Fluoranthene

Concen: 11.07 ng

RT: 19.640 min Scan# 2749

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

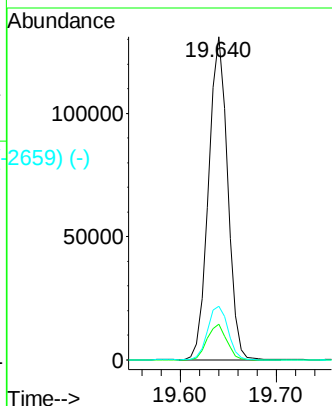
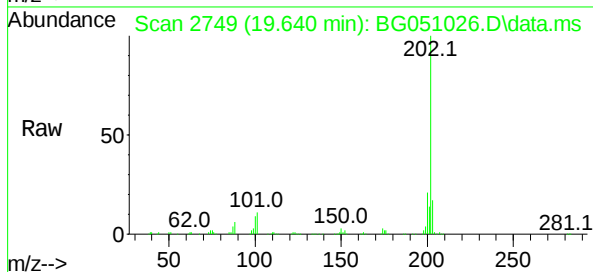
Tgt Ion:202 Resp: 180741

Ion Ratio Lower Upper

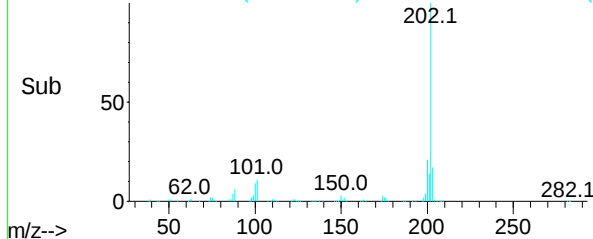
202 100

101 11.0 0.0 24.7

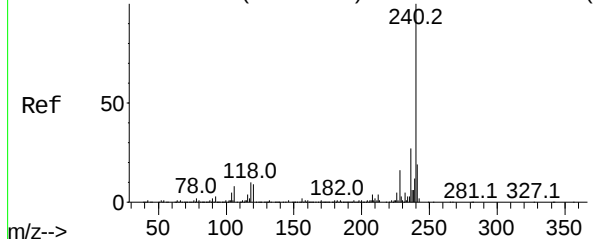
203 16.6 0.0 38.5



Abundance Scan 2749 (19.640 min): BG051026.D\data.ms (-2659) (-)



Abundance Scan 3134 (21.901 min): BG051028.D\data.ms (-3176) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.896 min Scan# 3133

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

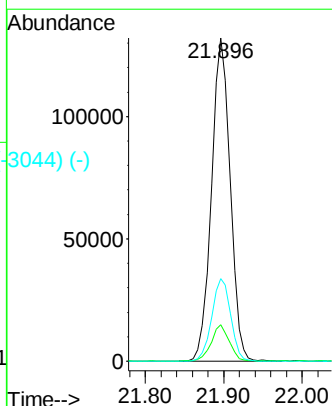
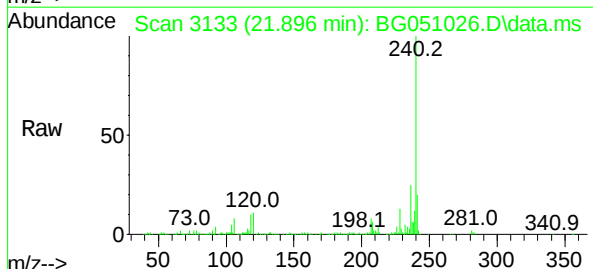
Tgt Ion:240 Resp: 219035

Ion Ratio Lower Upper

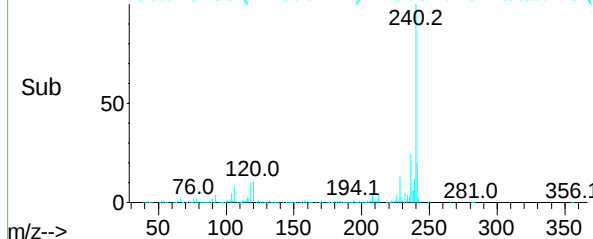
240 100

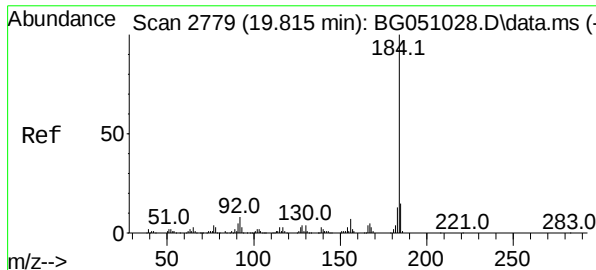
120 11.2 4.2 6.2#

236 25.5 21.8 32.6



Abundance Scan 3133 (21.896 min): BG051026.D\data.ms (-3044) (-)





Benzidine

Concen: 6.99 ng

RT: 19.816 min Scan# 2779

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

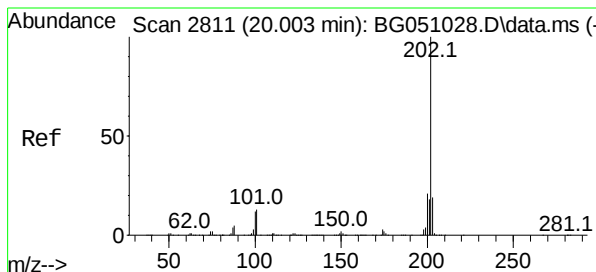
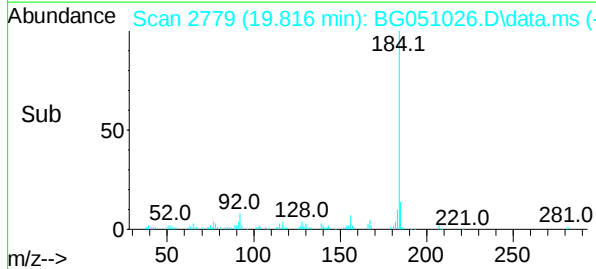
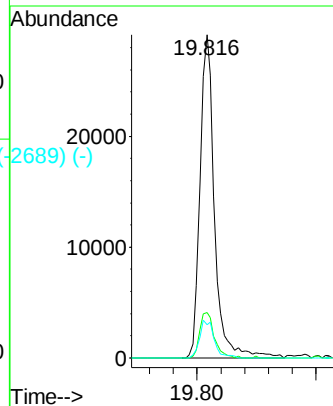
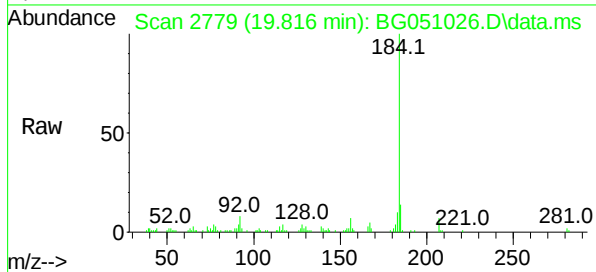
Tgt Ion:184 Resp: 49612

Ion Ratio Lower Upper

184 100

185 14.1 10.7 16.1

183 10.3 9.4 14.0



Pyrene

Concen: 11.89 ng

RT: 20.004 min Scan# 2811

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

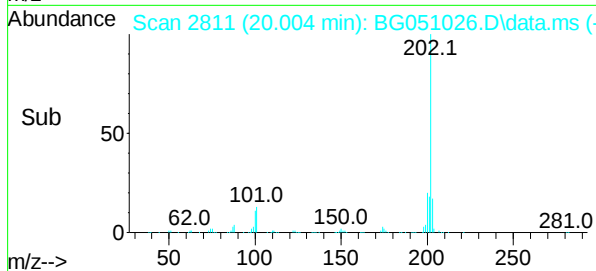
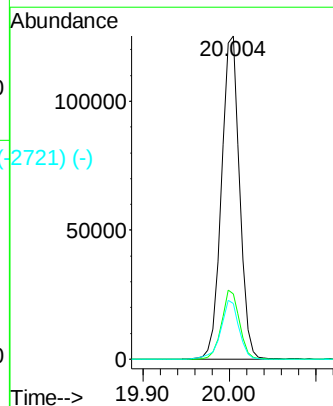
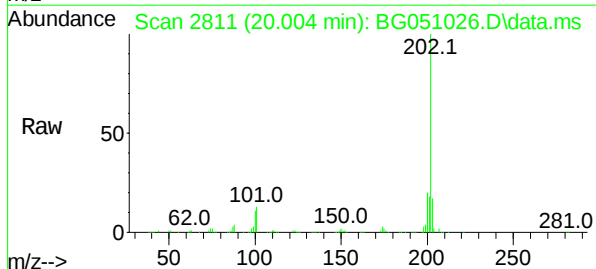
Tgt Ion:202 Resp: 184712

Ion Ratio Lower Upper

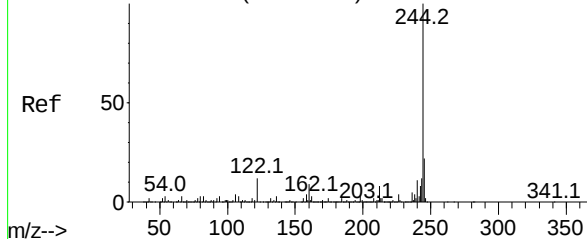
202 100

200 20.2 15.8 23.8

203 17.1 14.6 21.8



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



Terphenyl-d14

Concen: 24.62 ng

RT: 20.186 min Scan# 2752

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

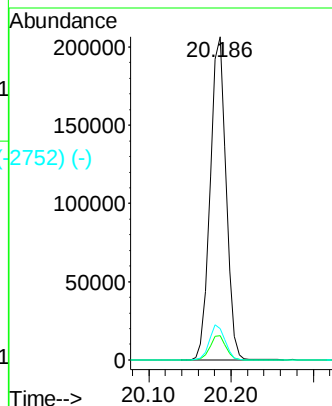
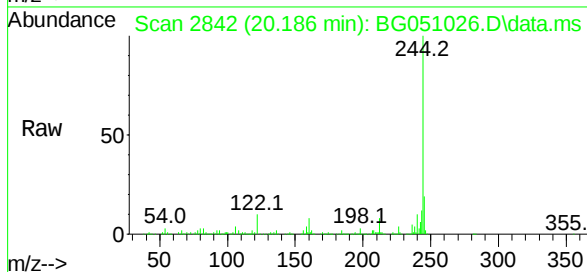
Tgt Ion:244 Resp: 276664

Ion Ratio Lower Upper

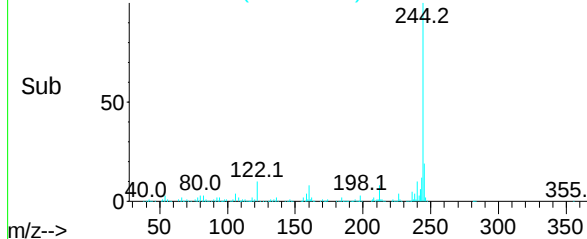
244 100

212 7.6 6.9 10.3

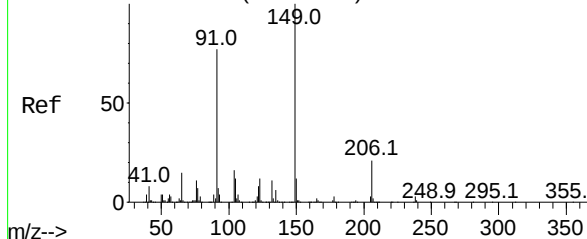
122 9.7 5.0 7.6#



Abundance Scan 2842 (20.186 min): BG051026.D\data.ms (-2752) (-)



Abundance Scan 2958 (20.867 min): BG051028.D\data.ms (-2950) (-)



Butylbenzylphthalate

Concen: 11.84 ng

RT: 20.862 min Scan# 2957

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

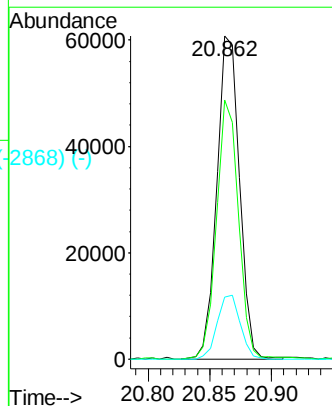
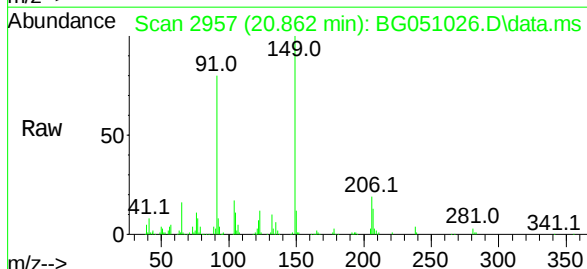
Tgt Ion:149 Resp: 77797

Ion Ratio Lower Upper

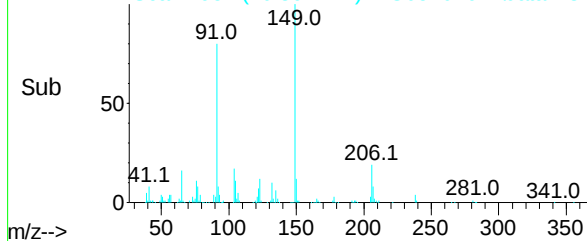
149 100

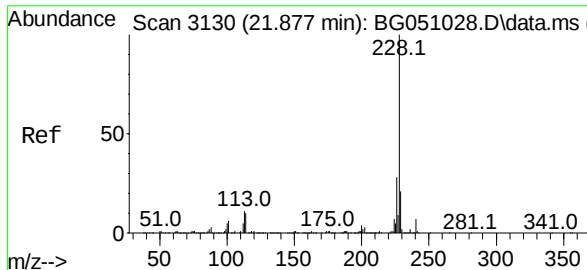
91 80.3 63.4 95.2

206 19.1 18.4 27.6



Abundance Scan 2957 (20.862 min): BG051026.D\data.ms (-2868) (-)





Benzo(a)anthracene

Concen: 11.53 ng

RT: 21.873 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

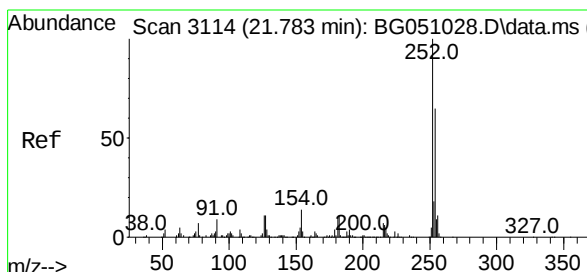
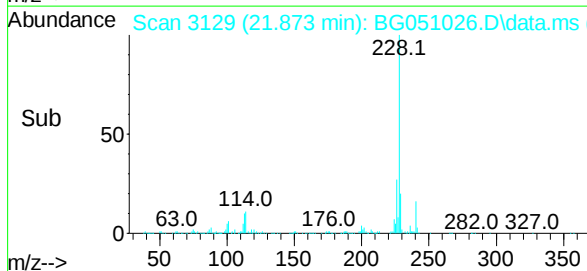
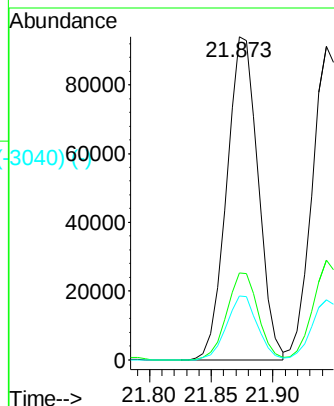
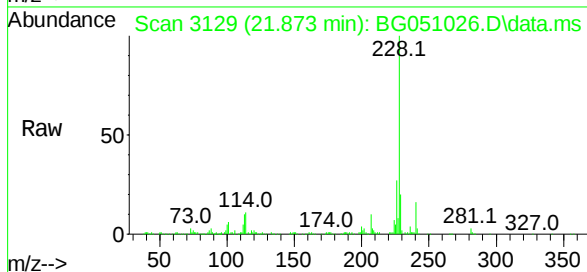
Tgt Ion:228 Resp: 167043

Ion Ratio Lower Upper

228 100

226 26.8 22.7 34.1

229 19.8 16.0 24.0



3,3'-Dichlorobenzidine

Concen: 15.80 ng

RT: 21.785 min Scan# 3114

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

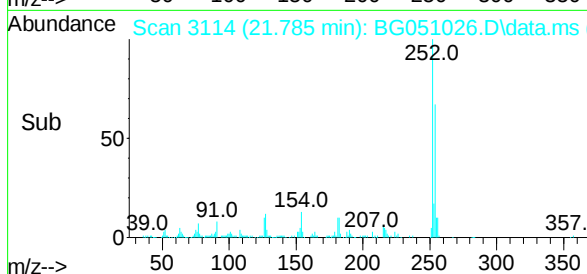
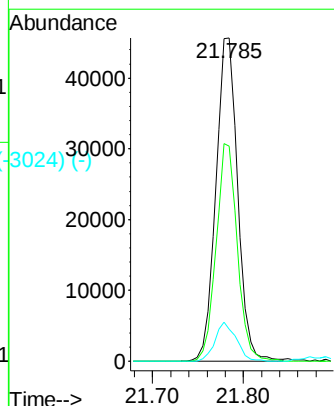
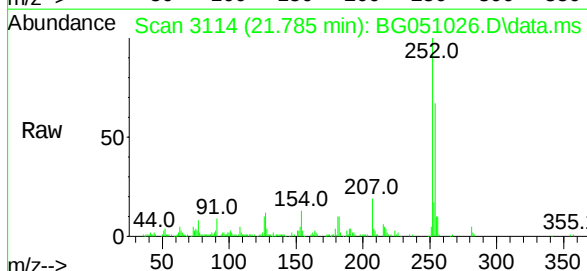
Tgt Ion:252 Resp: 75898

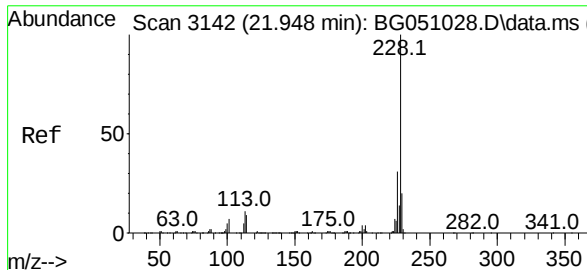
Ion Ratio Lower Upper

252 100

254 66.5 52.4 78.6

126 9.9 5.9 8.9#

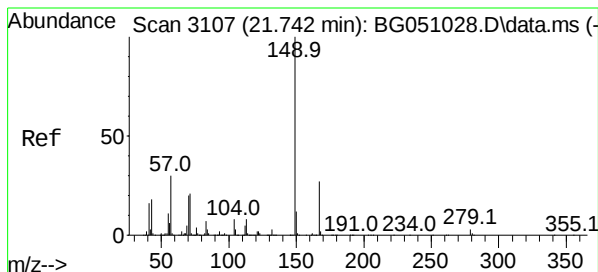
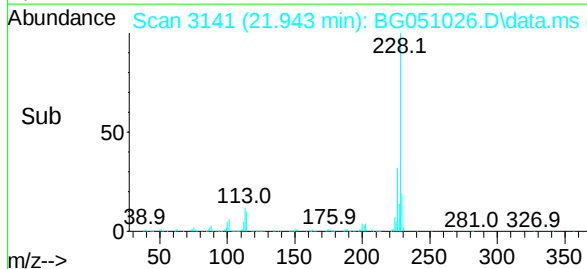
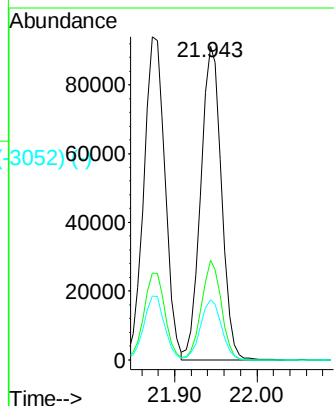
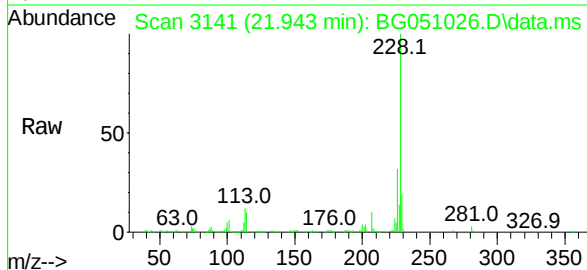




Chrysene
 Concen: 11.65 ng
 RT: 21.943 min Scan# 3141
 Delta R.T. -0.005 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

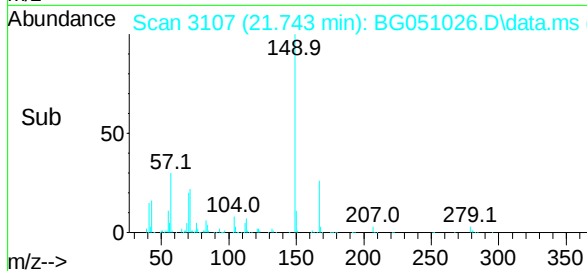
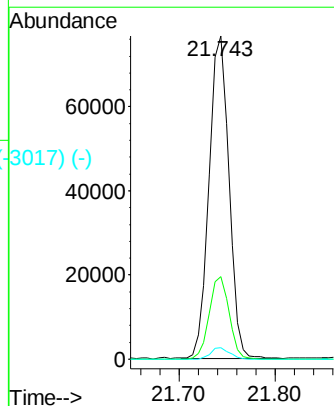
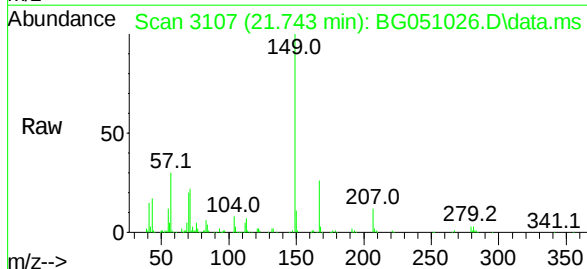
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tgt Ion:	228	Resp:	158778
Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.1	34.7
229	19.2	15.3	22.9

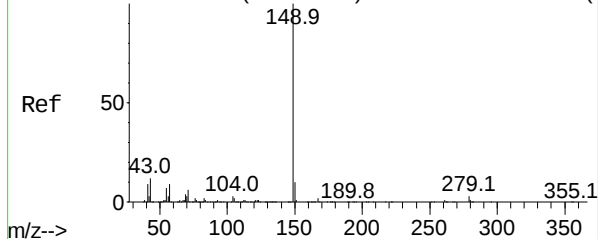


Bis(2-ethylhexyl)phthalate
 Concen: 11.75 ng
 RT: 21.743 min Scan# 3107
 Delta R.T. 0.001 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

Tgt Ion:	149	Resp:	109741
Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.3	33.5
279	3.5	3.8	5.8#



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



Di-n-octyl phthalate

Concen: 11.96 ng

RT: 23.013 min Scan# 3323

Delta R.T. 0.001 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

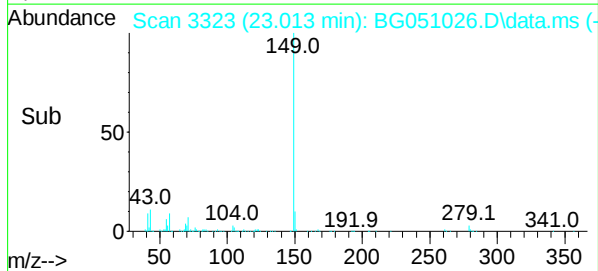
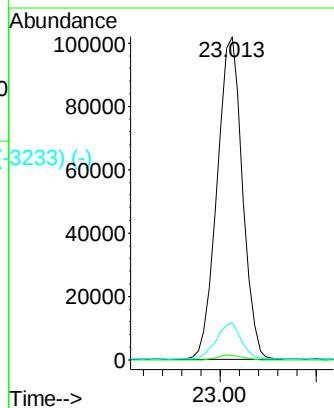
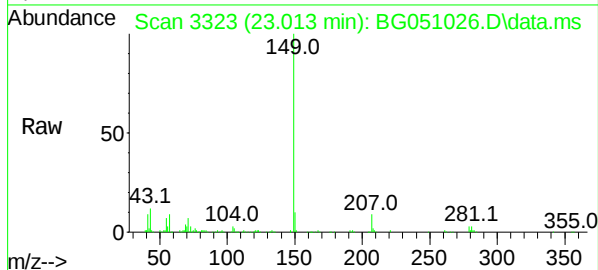
Tgt Ion:149 Resp: 186358

Ion Ratio Lower Upper

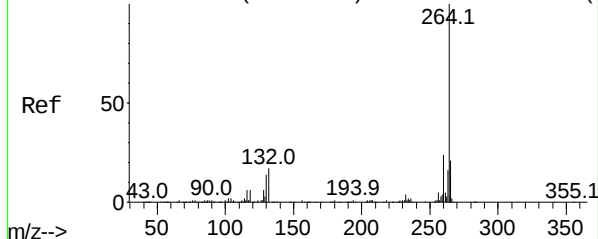
149 100

167 1.5 1.4 2.2

43 11.1 8.6 12.8



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



Perylene-d12

Concen: 20.00 ng

RT: 25.298 min Scan# 3712

Delta R.T. -0.005 min

Lab File: BG051026.D

Acq: 13 Nov 2021 16:45

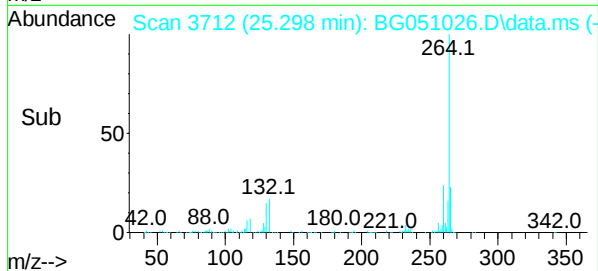
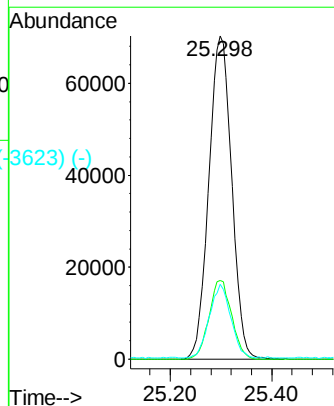
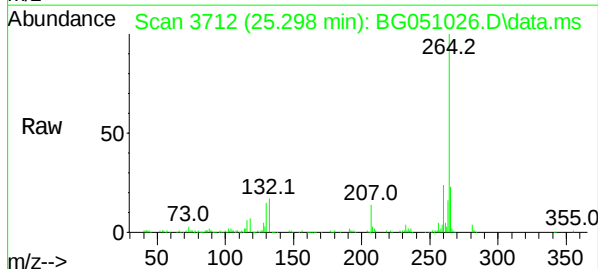
Tgt Ion:264 Resp: 218955

Ion Ratio Lower Upper

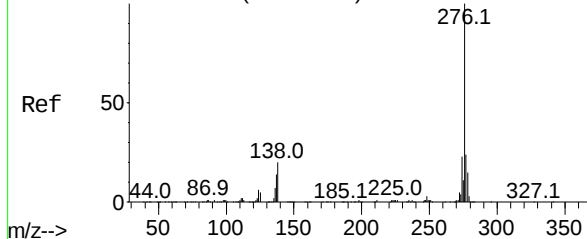
264 100

260 24.3 19.4 29.2

265 23.1 16.9 25.3



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



Indeno(1,2,3-cd)pyrene
Concen: 11.06 ng
RT: 29.205 min Scan# 4387
Delta R.T. -0.016 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

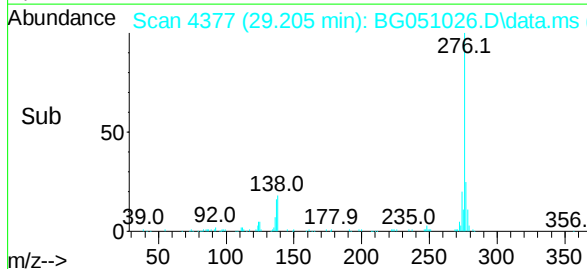
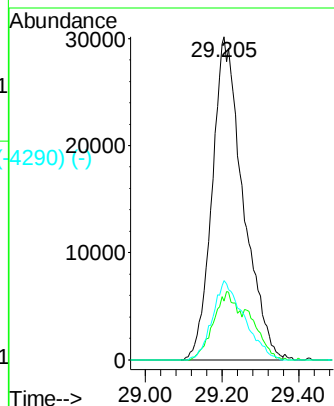
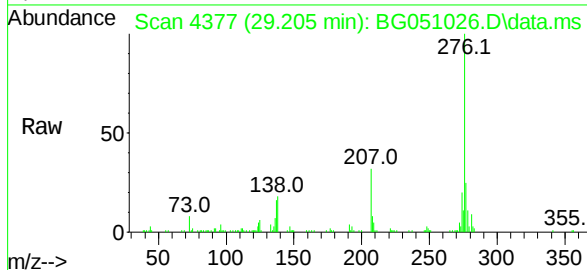
Tgt Ion:276 Resp: 168720

Ion Ratio Lower Upper

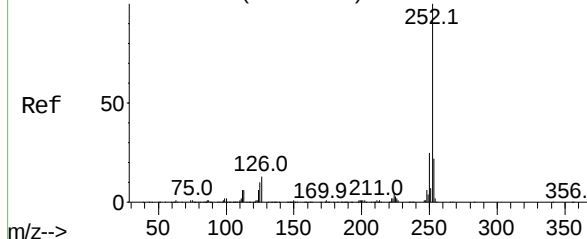
276 100

138 17.0 5.1 7.7#

277 25.1 19.8 29.6



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



Benzo(b)fluoranthene
Concen: 11.21 ng
RT: 24.205 min Scan# 3526
Delta R.T. -0.010 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

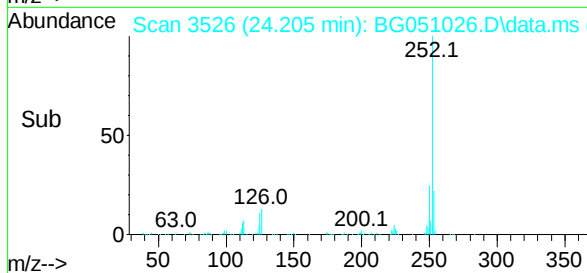
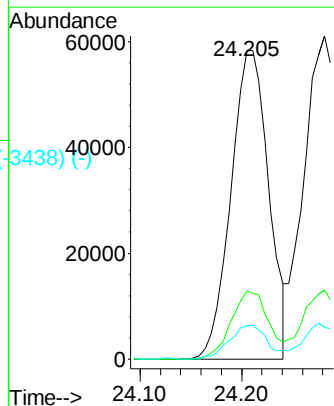
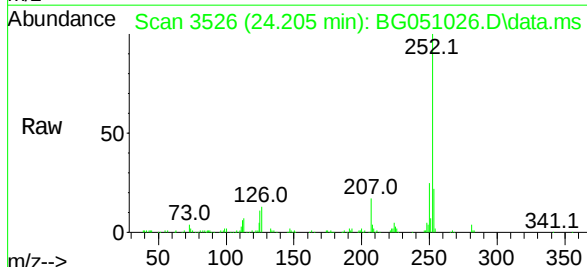
Tgt Ion:252 Resp: 150372

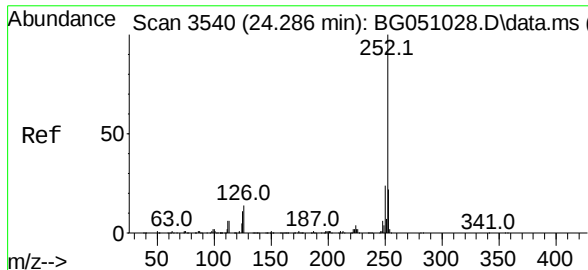
Ion Ratio Lower Upper

252 100

253 22.2 16.2 24.4

125 10.7 3.0 4.4#

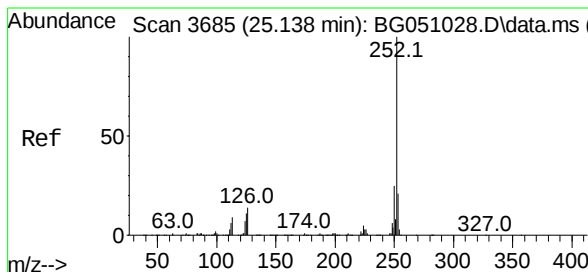
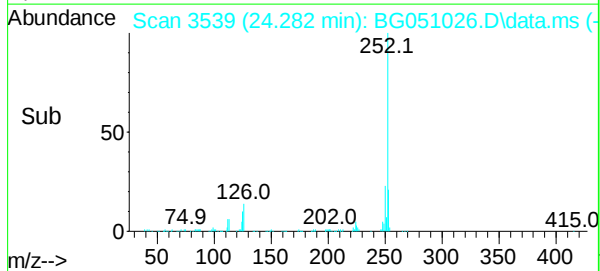
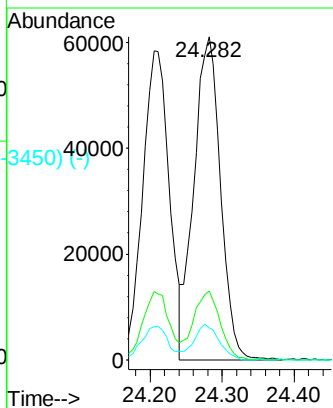
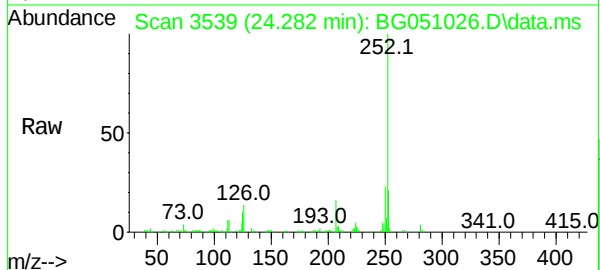




Scan 3540 (24.286 min): BG051028.D\data.ms (-3539) (-)
 Benzo(k)fluoranthene
 Concen: 11.87 ng
 RT: 24.282 min Scan# 3539
 Delta R.T. -0.005 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

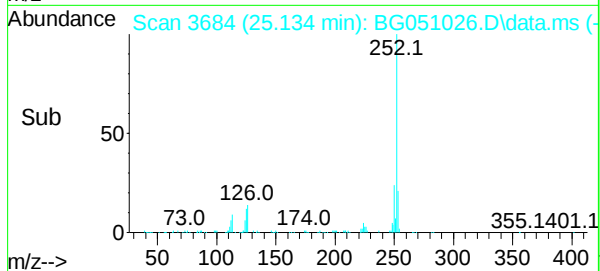
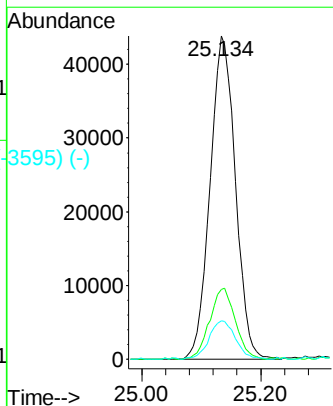
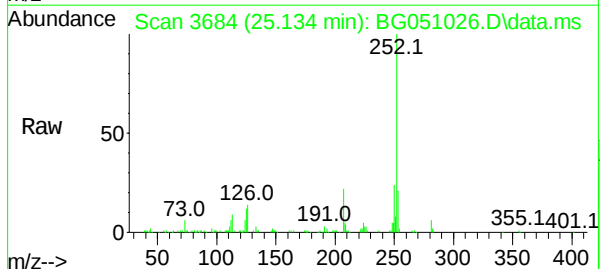
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

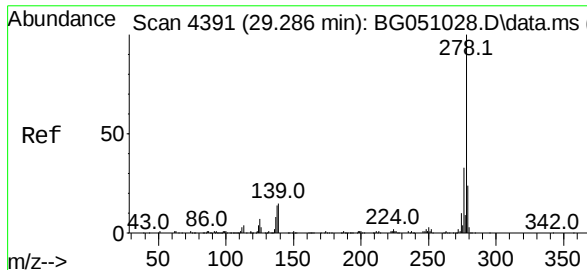
Tgt Ion:	252	Resp:	156539
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.0	27.0
125	9.8	3.1	4.7#



Scan 3685 (25.138 min): BG051028.D\data.ms (-3679) (-)
 Benzo(a)pyrene
 Concen: 11.31 ng
 RT: 25.134 min Scan# 3684
 Delta R.T. -0.005 min
 Lab File: BG051026.D
 Acq: 13 Nov 2021 16:45

Tgt Ion:	252	Resp:	128993
Ion Ratio	Lower	Upper	
252	100		
253	21.5	16.6	25.0
125	11.8	3.5	5.3#

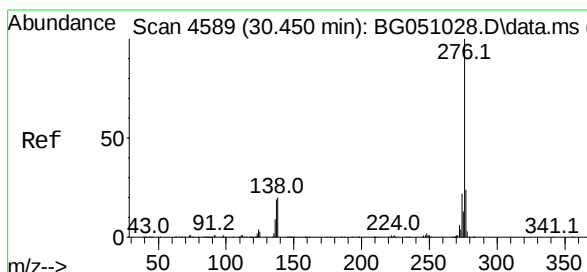
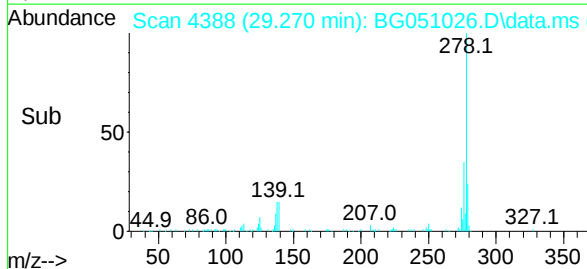
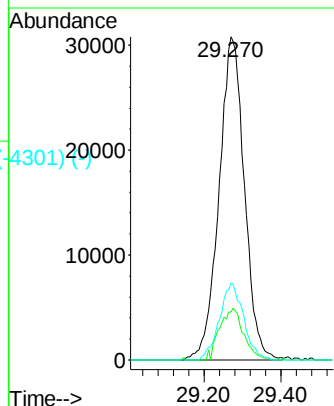
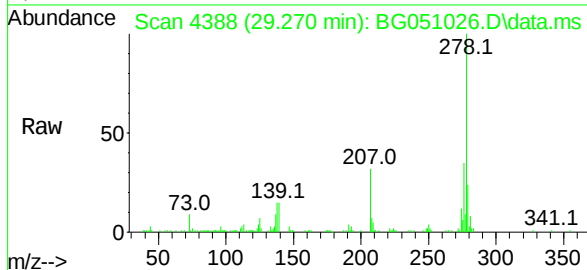




Dibenzo(a,h)anthracene
Concen: 11.23 ng
RT: 29.270 min Scan# 4391
Delta R.T. -0.016 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:	278	Resp:	141712
Ion	Ratio	Lower	Upper
278	100		
139	14.8	4.6	6.8#
279	23.7	17.9	26.9



Benzo(g,h,i)perylene
Concen: 11.05 ng
RT: 30.433 min Scan# 4586
Delta R.T. -0.016 min
Lab File: BG051026.D
Acq: 13 Nov 2021 16:45

Tgt Ion:	276	Resp:	136505
Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	21.2	7.0	10.6#

