

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
 Data File : BG051027.D
 Acq On : 13 Nov 2021 17:26
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 15 03:15:46 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	42918	20.00	ng	0.00
21) Naphthalene-d8	11.050	136	177796	20.00	ng	# 0.00
39) Acenaphthene-d10	14.852	164	117067	20.00	ng	0.00
64) Phenanthrene-d10	17.595	188	255862	20.00	ng	# 0.00
76) Chrysene-d12	21.896	240	217700	20.00	ng	# 0.00
86) Perylene-d12	25.298	264	218753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	116790	40.70	ng	0.00
7) Phenol-d6	7.372	99	163240	39.29	ng	0.00
23) Nitrobenzene-d5	9.399	82	166017	38.65	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	45650	40.88	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	317444	40.81	ng	0.00
79) Terphenyl-d14	20.187	244	496480	44.44	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.618	88	24252	16.32	ng	# 83
3) Pyridine	4.035	79	80236	19.76	ng	92
4) n-Nitrosodimethylamine	3.947	42	35167	18.38	ng	# 49
6) Aniline	7.543	93	97745	20.25	ng	95
8) 2-Chlorophenol	7.783	128	59885	21.67	ng	92
9) Benzaldehyde	7.360	77	61133	19.94	ng	86
10) Phenol	7.402	94	84544	20.93	ng	# 80
11) bis(2-Chloroethyl)ether	7.637	93	65295	20.71	ng	86
12) 1,3-Dichlorobenzene	8.112	146	65356	20.49	ng	95
13) 1,4-Dichlorobenzene	8.259	146	66938	20.82	ng	95
14) 1,2-Dichlorobenzene	8.582	146	63849	20.79	ng	96
15) Benzyl Alcohol	8.465	79	62315	18.98	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.747	45	100750	19.59	ng	85
17) 2-Methylphenol	8.665	107	54342	20.44	ng	# 88
18) Hexachloroethane	9.317	117	25155	20.67	ng	94
19) n-Nitroso-di-n-propyla...	9.029	70	59392	19.61	ng	# 84
20) 3+4-Methylphenols	8.994	107	77078	20.60	ng	94
22) Acetophenone	9.058	105	102224	20.22	ng	# 94
24) Nitrobenzene	9.440	77	81828	19.16	ng	96
25) Isophorone	9.969	82	147354	19.34	ng	# 96
26) 2-Nitrophenol	10.157	139	34091	21.74	ng	# 92
27) 2,4-Dimethylphenol	10.204	122	54004	19.93	ng	89
28) bis(2-Chloroethoxy)met...	10.439	93	88201	20.25	ng	92
29) 2,4-Dichlorophenol	10.692	162	55054	19.94	ng	98
30) 1,2,4-Trichlorobenzene	10.909	180	62817	20.03	ng	94
31) Naphthalene	11.103	128	195458	20.54	ng	98
32) Benzoic acid	10.322	122	36068	17.94	ng	# 74
33) 4-Chloroaniline	11.209	127	81263	20.35	ng	96
34) Hexachlorobutadiene	11.373	225	37984	19.29	ng	98
35) Caprolactam	11.996	113	14353	13.58	ng	# 78
36) 4-Chloro-3-methylphenol	12.313	107	68885	19.96	ng	93
37) 2-Methylnaphthalene	12.695	142	129912	19.78	ng	92
38) 1-Methylnaphthalene	12.913	142	127024	19.95	ng	92
40) 1,2,4,5-Tetrachloroben...	13.054	216	69070	19.98	ng	98
41) Hexachlorocyclopentadiene	13.024	237	21407	10.71	ng	94

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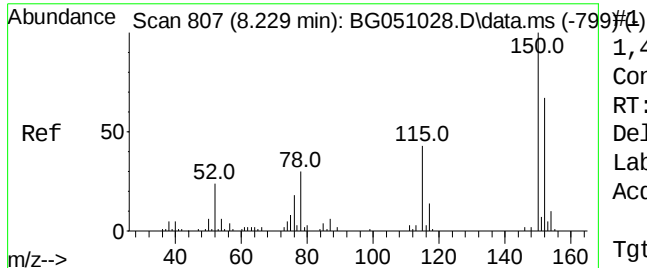
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.295	196	49004	20.12	ng	94
44) 2,4,5-Trichlorophenol	13.365	196	51273	20.13	ng	92
46) 1,1'-Biphenyl	13.688	154	173143	20.28	ng	94
47) 2-Chloronaphthalene	13.735	162	135315	20.64	ng	98
48) 2-Nitroaniline	13.941	65	50278	19.28	ng	87
49) Acenaphthylene	14.581	152	220692	20.54	ng	96
50) Dimethylphthalate	14.293	163	183486	20.74	ng	100
51) 2,6-Dinitrotoluene	14.423	165	38017	21.45	ng	# 83
52) Acenaphthene	14.916	154	125351	18.16	ng	90
53) 3-Nitroaniline	14.758	138	44201	21.08	ng	95
54) 2,4-Dinitrophenol	14.969	184	18757	17.06	ng	# 81
55) Dibenzofuran	15.245	168	218278	20.44	ng	95
56) 4-Nitrophenol	15.057	139	32816	19.46	ng	# 73
57) 2,4-Dinitrotoluene	15.210	165	52817	21.14	ng	95
58) Fluorene	15.897	166	169599	20.68	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.469	232	44166	19.91	ng	# 97
60) Diethylphthalate	15.645	149	192710	20.73	ng	96
61) 4-Chlorophenyl-phenyle...	15.880	204	90131	20.09	ng	98
62) 4-Nitroaniline	15.915	138	45386	20.81	ng	# 61
63) Azobenzene	16.174	77	206122	19.15	ng	81
65) 4,6-Dinitro-2-methylph...	15.974	198	31364	20.41	ng	89
66) n-Nitrosodiphenylamine	16.097	169	151238	20.80	ng	97
67) 4-Bromophenyl-phenylether	16.779	248	54533	21.15	ng	93
68) Hexachlorobenzene	16.896	284	52679	20.56	ng	93
69) Atrazine	17.037	200	37536	13.11	ng	91
70) Pentachlorophenol	17.243	266	30242	17.34	ng	95
71) Phenanthrene	17.642	178	281883	20.91	ng	98
72) Anthracene	17.731	178	278762	20.81	ng	98
73) Carbazole	18.001	167	273842	20.51	ng	97
74) Di-n-butylphthalate	18.530	149	329943	21.05	ng	# 96
75) Fluoranthene	19.640	202	332721	20.08	ng	94
77) Benzidine	19.816	184	83871	11.89	ng	96
78) Pyrene	20.004	202	335922	21.75	ng	98
80) Butylbenzylphthalate	20.868	149	141661	21.68	ng	95
81) Benzo(a)anthracene	21.873	228	304359	21.13	ng	98
82) 3,3'-Dichlorobenzidine	21.779	252	138003	28.91	ng	# 99
83) Chrysene	21.943	228	286977	21.18	ng	98
84) Bis(2-ethylhexyl)phtha...	21.744	149	200550	21.60	ng	# 95
85) Di-n-octyl phthalate	23.013	149	337018	21.77	ng	99
87) Indeno(1,2,3-cd)pyrene	29.217	276	313873	20.60	ng	# 87
88) Benzo(b)fluoranthene	24.211	252	282743	21.10	ng	# 95
89) Benzo(k)fluoranthene	24.282	252	277109	21.03	ng	# 97
90) Benzo(a)pyrene	25.140	252	240777	21.14	ng	# 94
91) Dibenzo(a,h)anthracene	29.270	278	259031	20.55	ng	# 91
92) Benzo(g,h,i)perylene	30.439	276	254051	20.58	ng	# 91

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

BNA G

ClientSampleId :
SSTDICC020

[illegible]



1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG051027.D

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BNA_G

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SSTDICC020

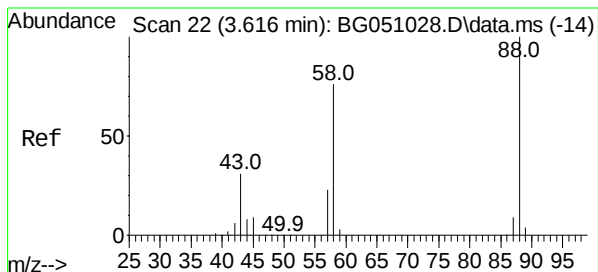
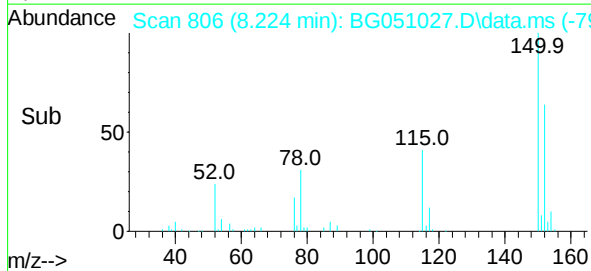
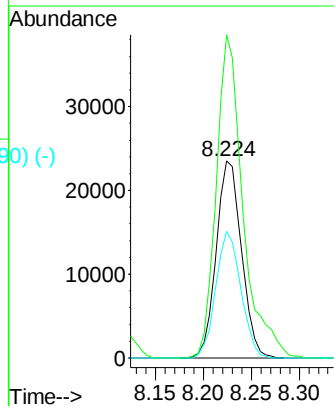
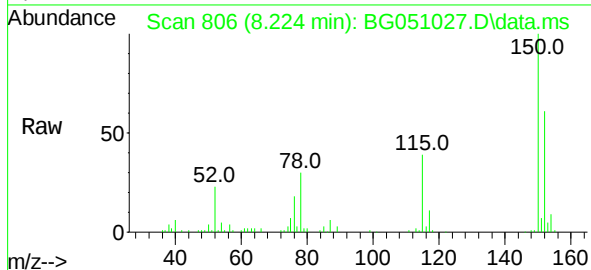
Tgt Ion:152 Resp: 42918

Ion Ratio Lower Upper

152 100

150 163.9 119.4 179.0

115 64.1 60.2 90.4



1,4-Dioxane

Concen: 16.32 ng

RT: 3.618 min Scan# 22

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

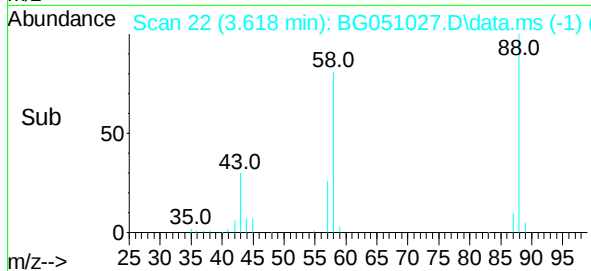
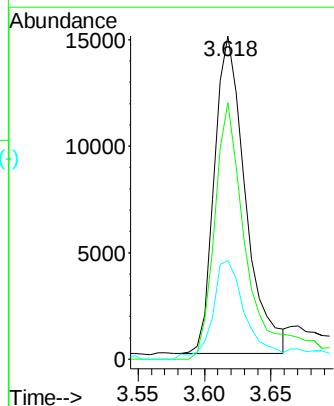
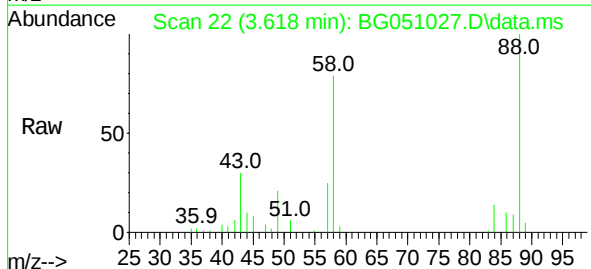
Tgt Ion: 88 Resp: 24252

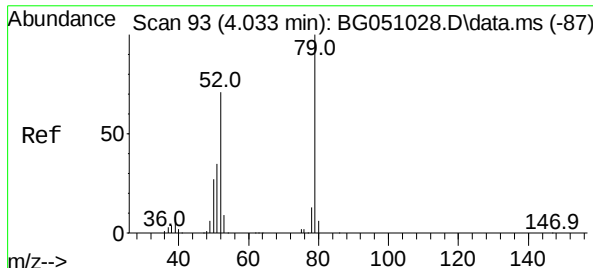
Ion Ratio Lower Upper

88 100

58 87.9 55.7 83.5#

43 32.3 29.3 43.9

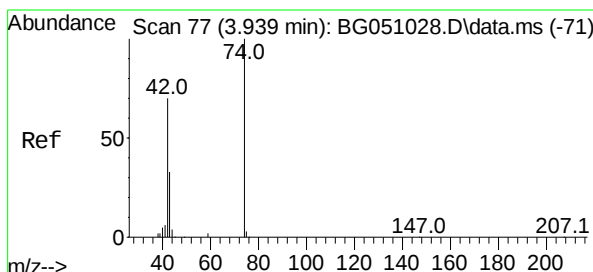
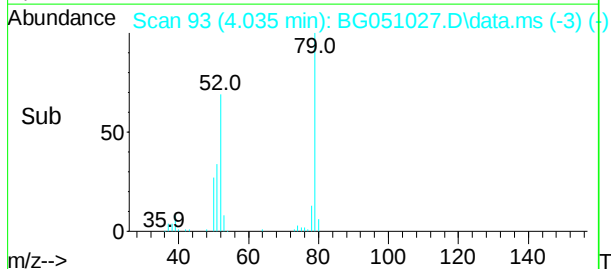
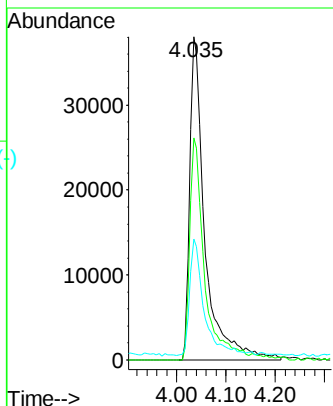
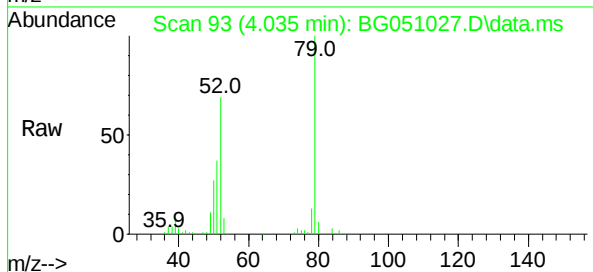




Pyridine
 Concen: 19.76 ng
 RT: 4.035 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

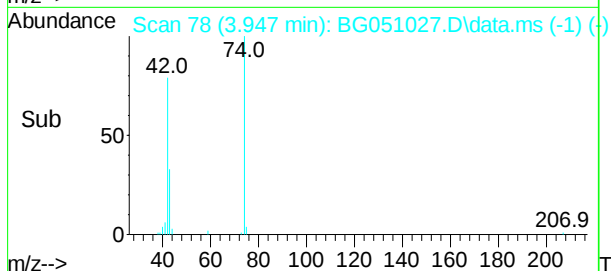
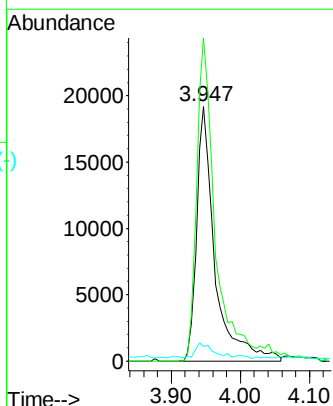
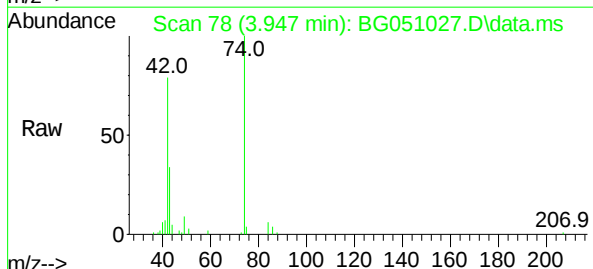
Instrument :
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 SSTDICC020

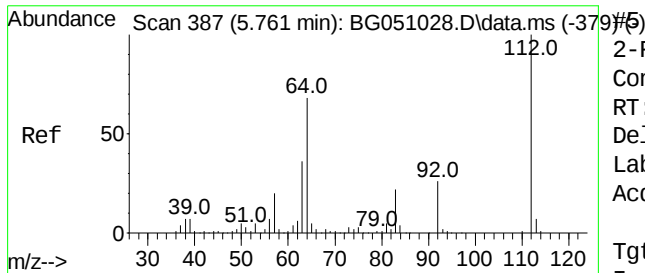
Tgt Ion: 79 Resp: 80236
 Ion Ratio Lower Upper
 79 100
 52 68.7 58.4 87.6
 51 37.4 37.0 55.6



n-Nitrosodimethylamine
 Concen: 18.38 ng
 RT: 3.947 min Scan# 78
 Delta R.T. 0.007 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

Tgt Ion: 42 Resp: 35167
 Ion Ratio Lower Upper
 42 100
 74 126.9 64.0 96.0#
 44 5.8 2.7 4.1#





2-Fluorophenol

Concen: 40.70 ng

RT: 5.762 min Scan#

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

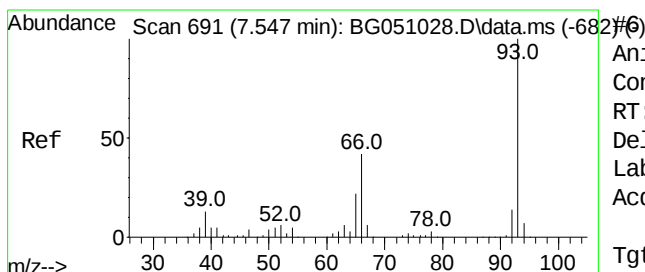
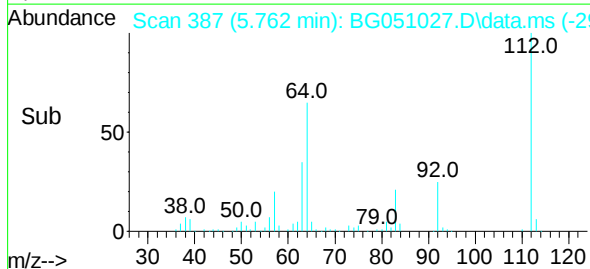
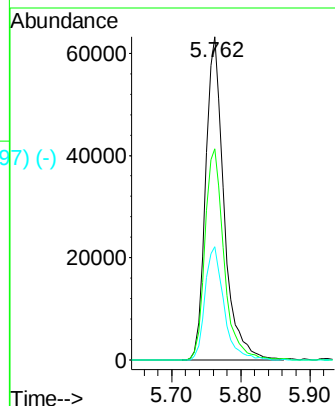
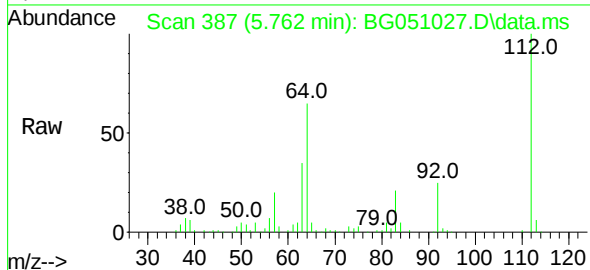
Tgt Ion:112 Resp: 116790

Ion Ratio Lower Upper

112 100

64 65.3 46.7 70.1

63 35.0 35.3 52.9#



Aniline

Concen: 20.25 ng

RT: 7.543 min Scan# 690

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

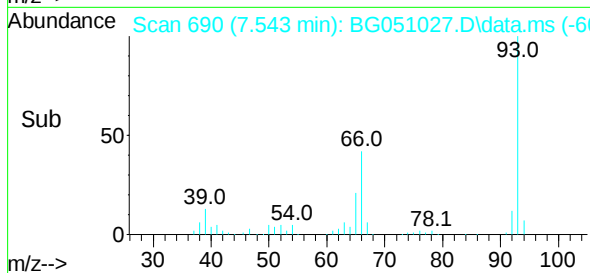
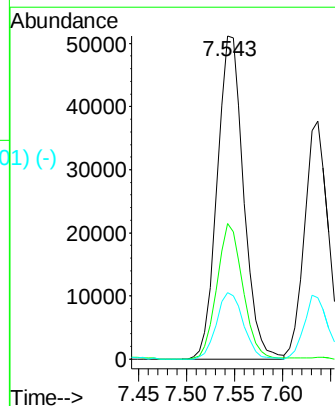
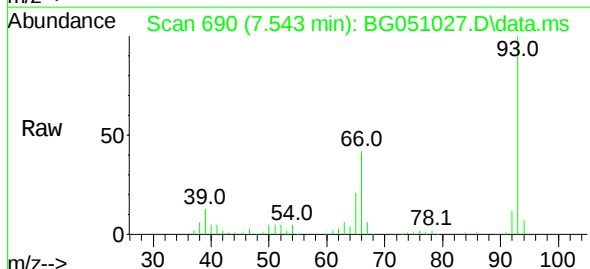
Tgt Ion: 93 Resp: 97745

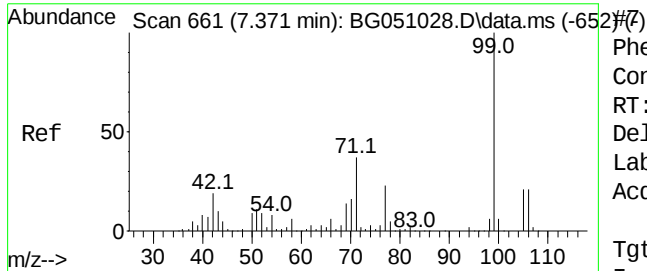
Ion Ratio Lower Upper

93 100

66 41.9 30.6 45.8

65 20.5 15.0 22.4





Phenol-d6

Concen: 39.29 ng

RT: 7.372 min Scan#

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

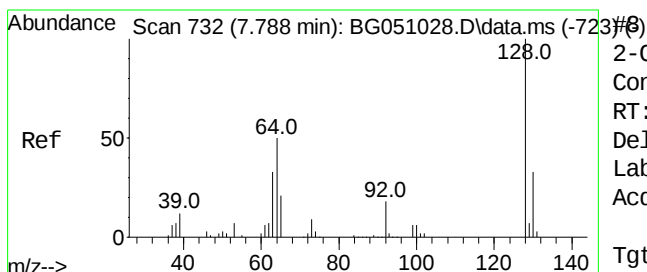
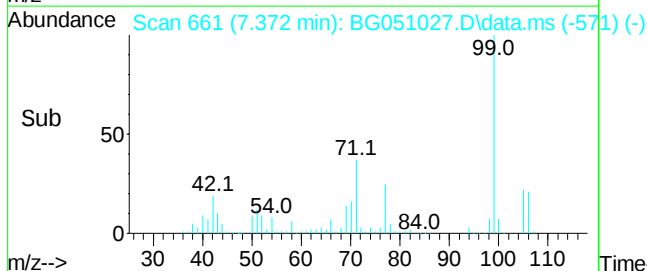
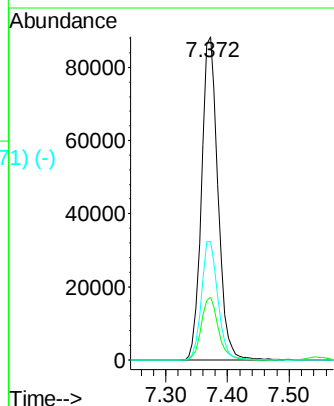
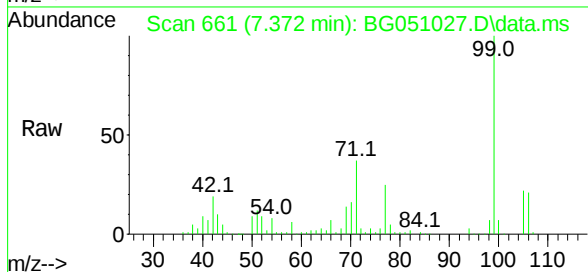
Tgt Ion: 99 Resp: 163240

Ion Ratio Lower Upper

99 100

42 19.3 20.5 30.7#

71 36.6 41.5 62.3#



2-Chlorophenol

Concen: 21.67 ng

RT: 7.783 min Scan# 731

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

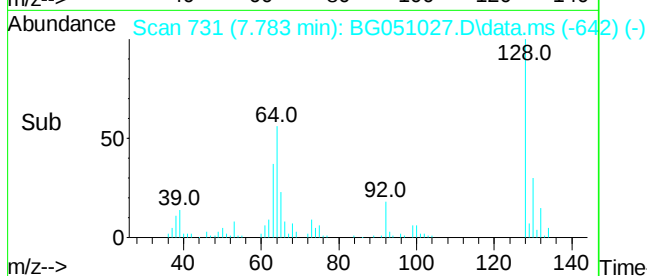
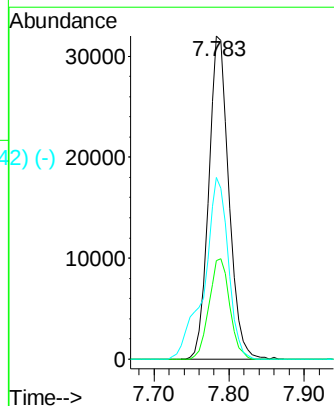
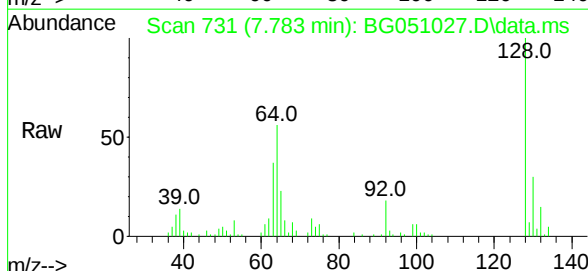
Tgt Ion: 128 Resp: 59885

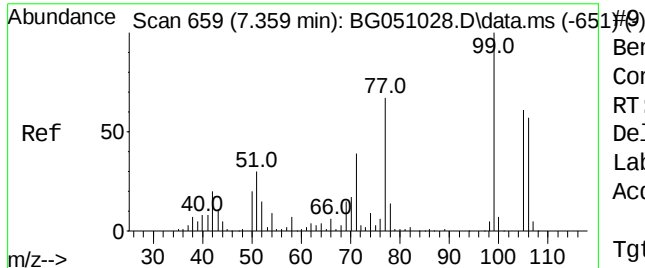
Ion Ratio Lower Upper

128 100

130 30.5 10.0 50.0

64 56.2 28.1 68.1





Benzaldehyde

Concen: 19.94 ng

RT: 7.360 min Scan# 659

Delta R.T. 0.001 min

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Acq: 13 Nov 2021 17:26

Instrument :

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ClientSampleId :

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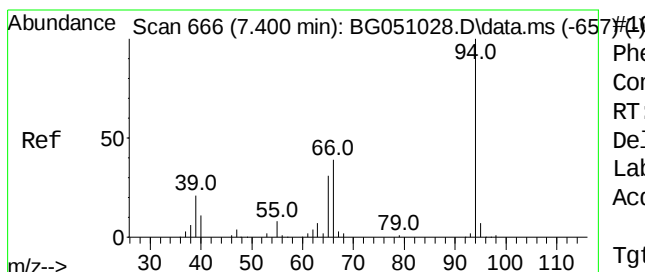
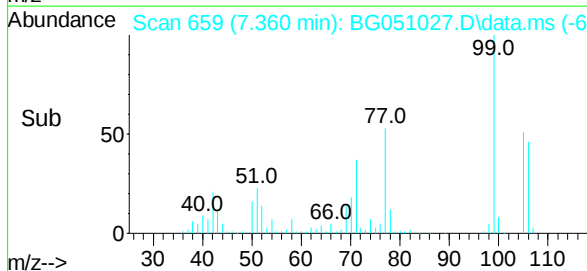
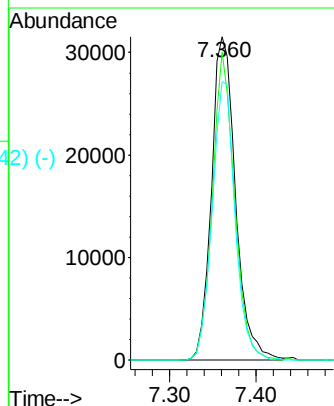
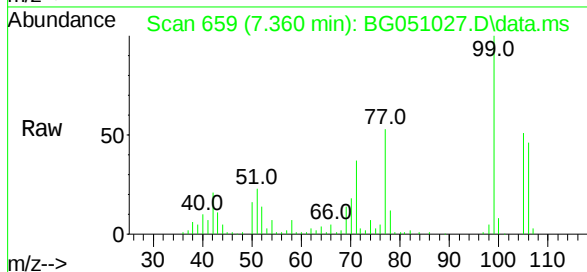
Tgt Ion: 77 Resp: 61133

Ion Ratio Lower Upper

77 100

105 95.3 68.8 108.8

106 86.1 47.9 87.9



Phenol

Concen: 20.93 ng

RT: 7.402 min Scan# 666

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

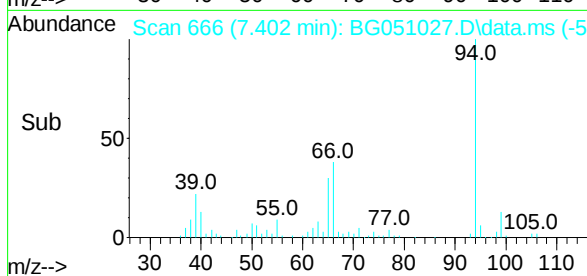
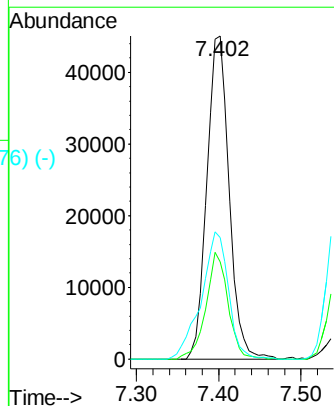
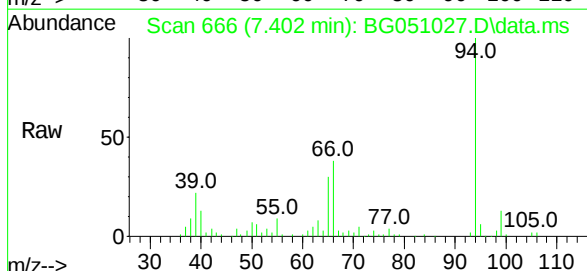
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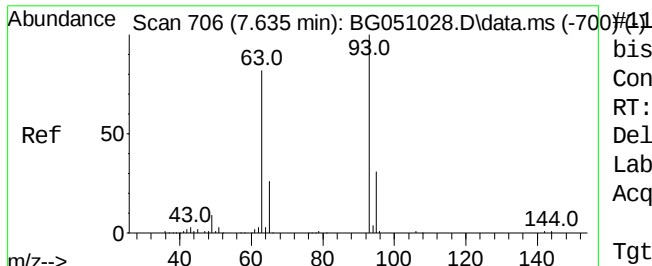
Ion Ratio Lower Upper

94 100

65 30.0 12.9 52.9

66 37.6 39.4 79.4#

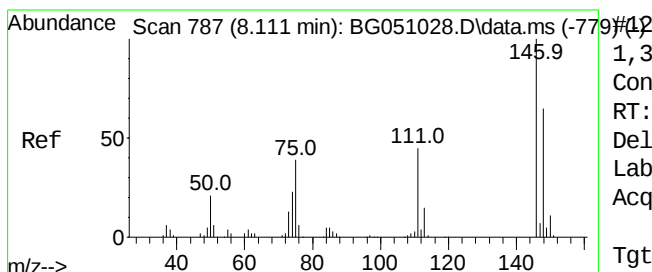
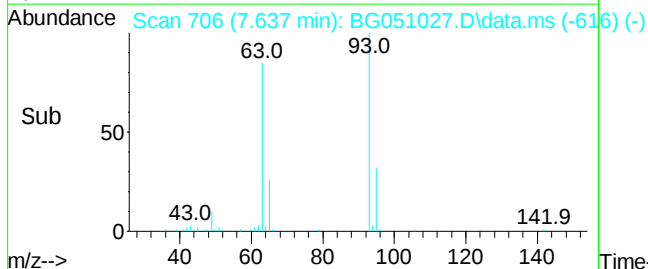
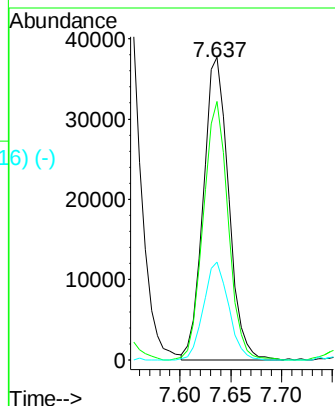
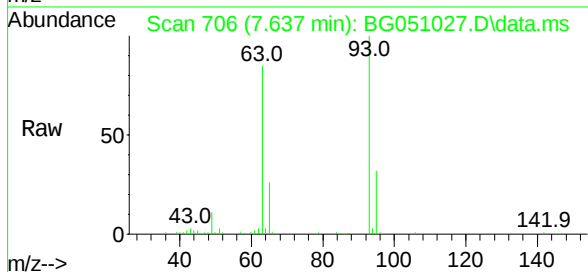




bis(2-Chloroethyl)ether
 Concen: 20.71 ng
 RT: 7.637 min Scan#
 Delta R.T. 0.001 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

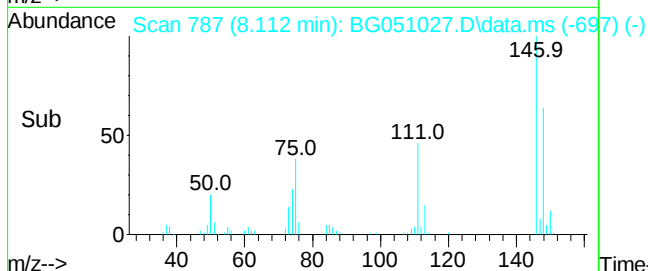
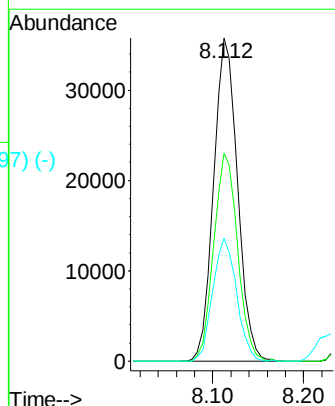
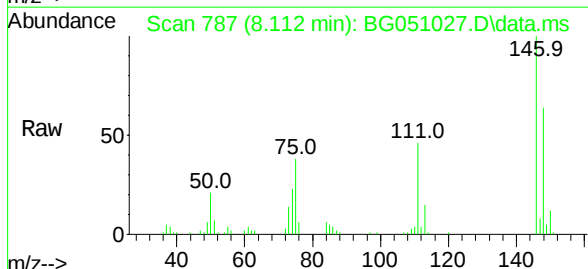
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tgt Ion:	93	Resp:	65295
Ion	Ratio	Lower	Upper
93	100		
63	85.3	50.4	90.4
95	32.3	15.3	55.3



1,3-Dichlorobenzene
 Concen: 20.49 ng
 RT: 8.112 min Scan# 787
 Delta R.T. 0.001 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

Tgt Ion:	146	Resp:	65356
Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
75	38.0	35.7	53.5



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

1,4-Dichlorobenzene

Concen: 20.82 ng

RT: 8.259 min Scan# 813

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 66938

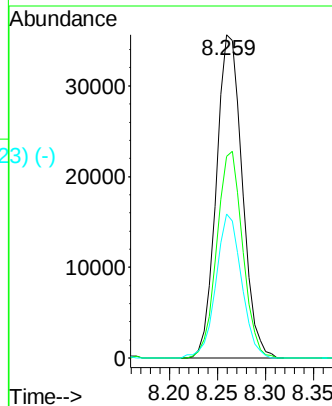
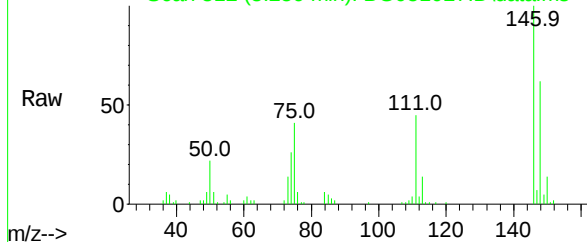
Ion Ratio Lower Upper

146 100

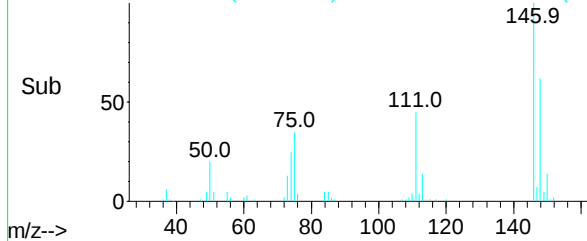
148 62.3 54.0 81.0

111 44.6 34.3 51.5

Abundance Scan 812 (8.259 min): BG051027.D\data.ms



Abundance Scan 812 (8.259 min): BG051027.D\data.ms (-723) (-)



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

1,2-Dichlorobenzene

Concen: 20.79 ng

RT: 8.582 min Scan# 867

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:146 Resp: 63849

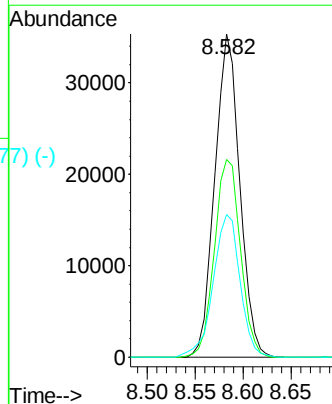
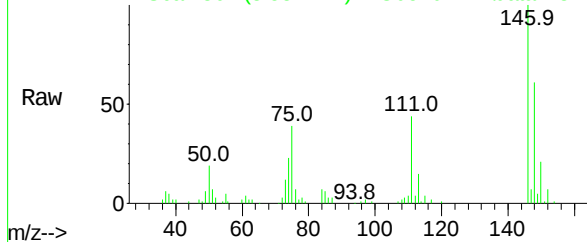
Ion Ratio Lower Upper

146 100

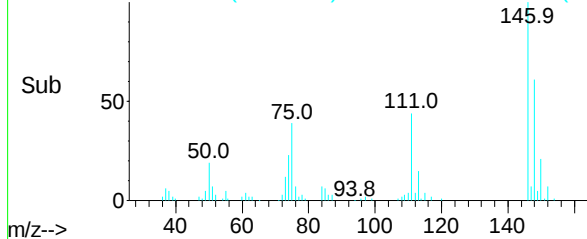
148 61.2 47.5 71.3

111 44.2 39.1 58.7

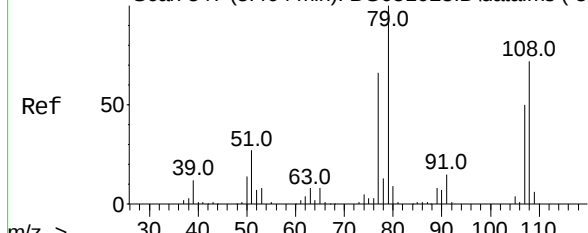
Abundance Scan 867 (8.582 min): BG051027.D\data.ms



Abundance Scan 867 (8.582 min): BG051027.D\data.ms (-777) (-)



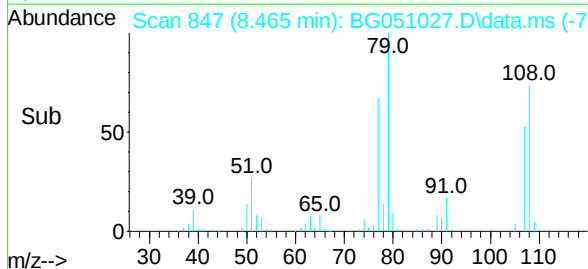
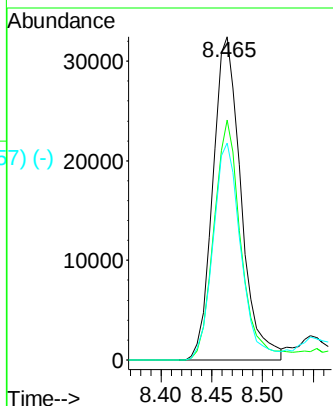
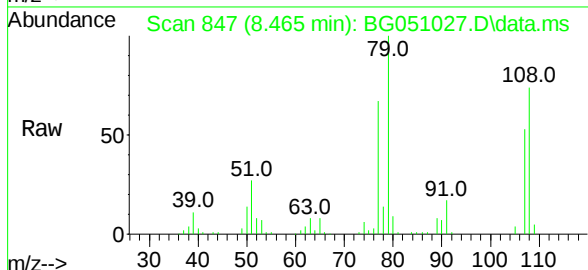
Abundance Scan 847 (8.464 min): BG051028.D\data.ms (-838) #15



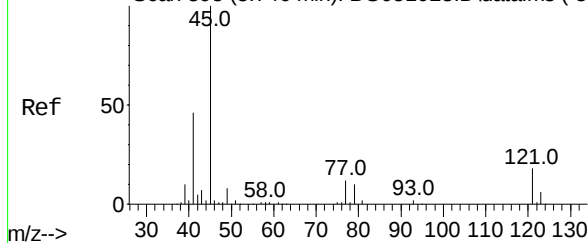
Benzyl Alcohol
 Concen: 18.98 ng
 RT: 8.465 min Scan# 847
 Delta R.T. 0.001 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tgt Ion:	79	Resp:	62315
Ion	Ratio	Lower	Upper
79	100		
108	74.2	48.2	72.4#
77	67.1	57.3	85.9

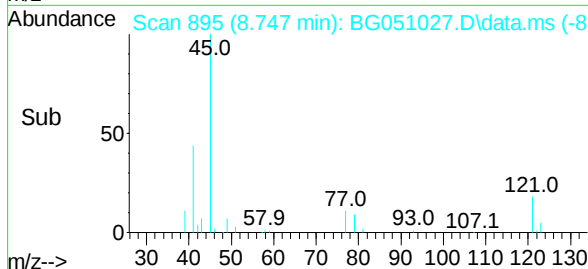
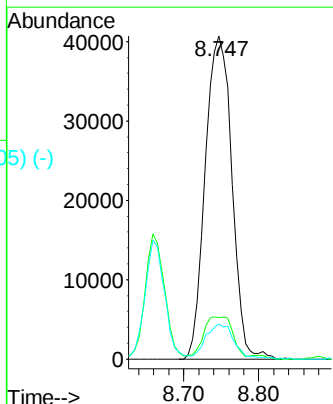
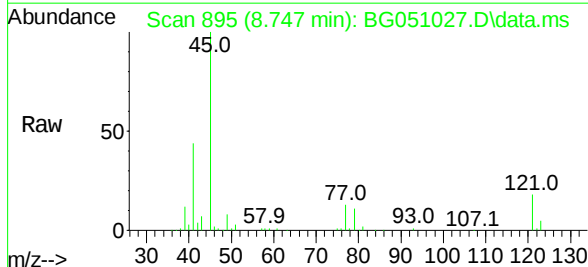


Abundance Scan 895 (8.746 min): BG051028.D\data.ms (-886) #16



2,2'-oxybis(1-Chloropropane)
 Concen: 19.59 ng
 RT: 8.747 min Scan# 895
 Delta R.T. 0.001 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

Tgt Ion:	45	Resp:	100750
Ion	Ratio	Lower	Upper
45	100		
77	12.9	2.2	42.2
79	10.8	0.0	34.3



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

2-Methylphenol

Concen: 20.44 ng

RT: 8.665 min Scan# 881

Delta R.T. 0.001 min

Lab File: BG051027.D

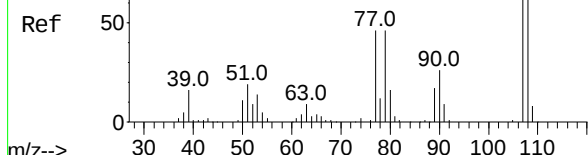
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:107 Resp: 54342

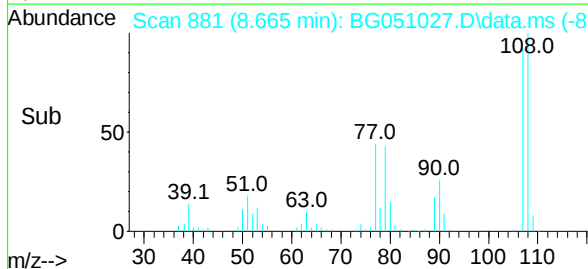
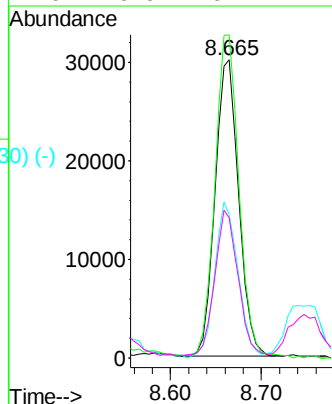
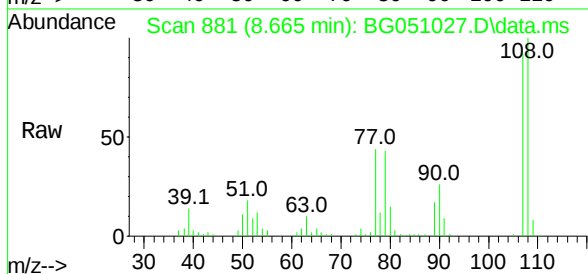
Ion Ratio Lower Upper

107 100

108 108.3 84.6 127.0

77 48.1 50.7 76.1#

79 46.9 49.4 74.0#



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

Hexachloroethane

Concen: 20.67 ng

RT: 9.317 min Scan# 992

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

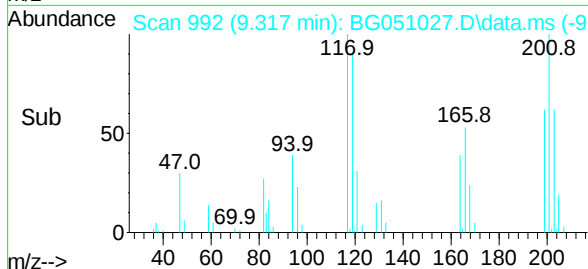
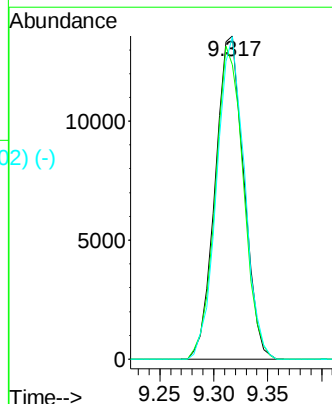
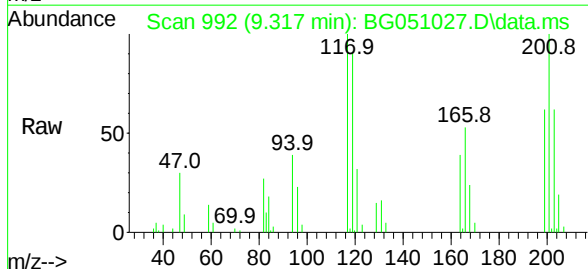
Tgt Ion:117 Resp: 25155

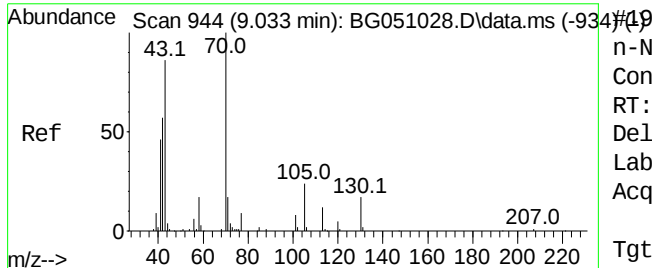
Ion Ratio Lower Upper

117 100

119 91.1 74.4 111.6

201 99.9 88.6 133.0

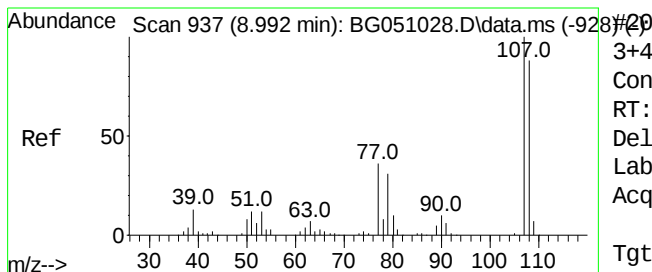
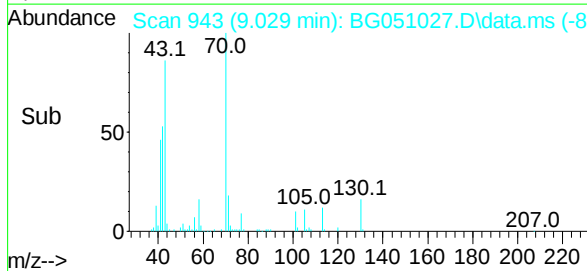
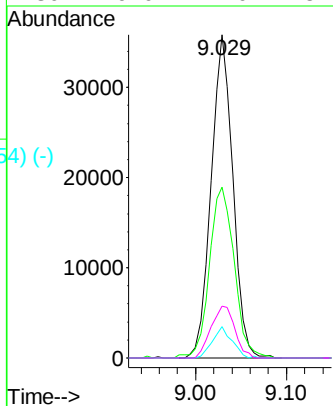
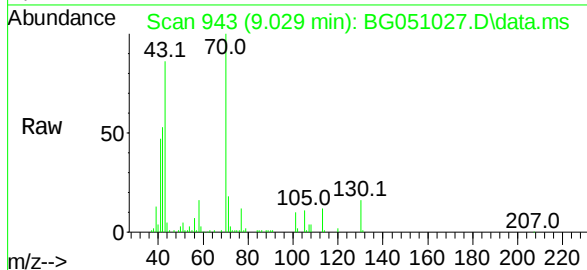




n-Nitroso-di-n-propylamine
 Concen: 19.61 ng
 RT: 9.029 min Scan# 934
 Delta R.T. -0.004 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

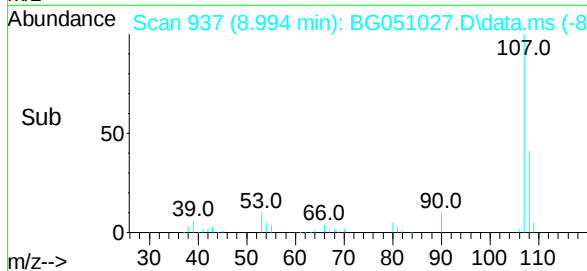
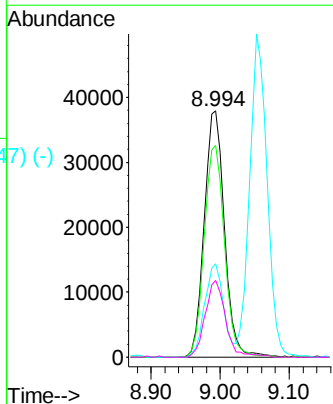
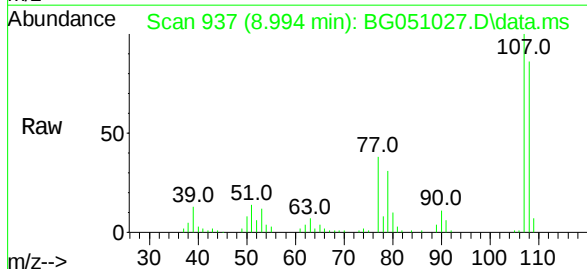
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tgt Ion:	70	Resp:	59392
Ion	Ratio	Lower	Upper
70	100		
42	52.8	54.5	81.7#
101	9.6	9.0	13.6
130	16.0	17.0	25.6#



3+4-Methylphenols
 Concen: 20.60 ng
 RT: 8.994 min Scan# 937
 Delta R.T. 0.001 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

Tgt Ion:	107	Resp:	77078
Ion	Ratio	Lower	Upper
107	100		
108	85.9	69.3	109.3
77	37.9	25.2	65.2
79	31.1	15.1	55.1



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

Naphthalene-d8

Concen: 20.00 ng

RT: 11.050 min Scan# 1198

Delta R.T. -0.004 min

Lab File: BG051027.D

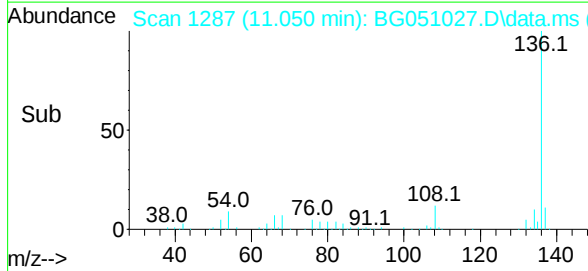
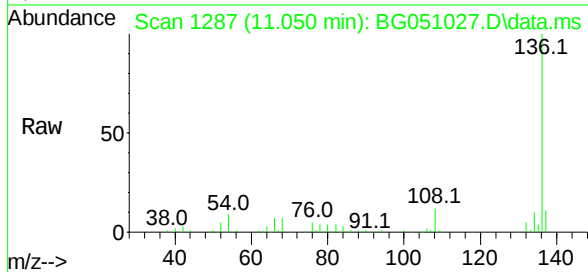
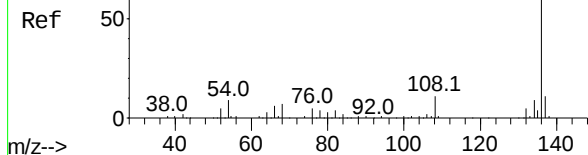
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:136 Resp: 177796

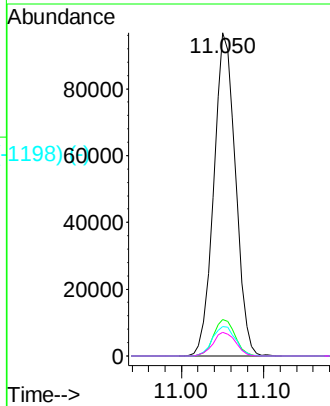
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.2

54 9.0 5.5 8.3#

68 7.3 2.3 3.5#



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

Acetophenone

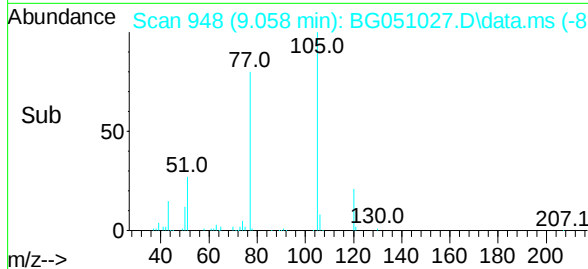
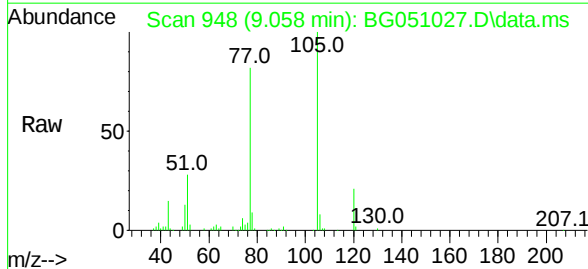
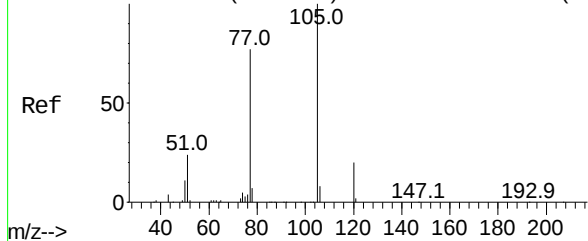
Concen: 20.22 ng

RT: 9.058 min Scan# 948

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26



Tgt Ion:105 Resp: 102224

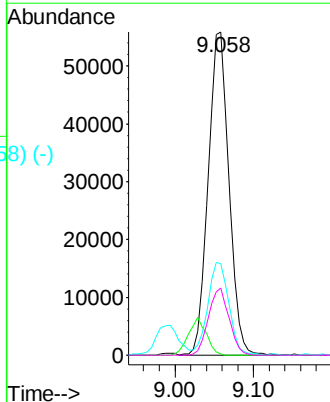
Ion Ratio Lower Upper

105 100

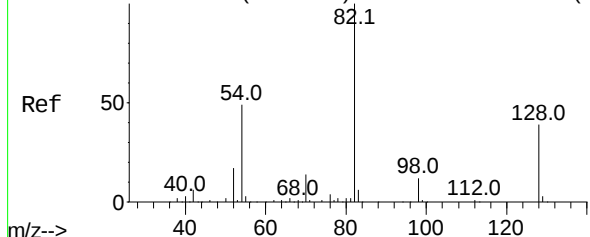
71 0.4 0.6 0.8#

51 28.2 26.6 40.0

120 20.8 16.2 24.4



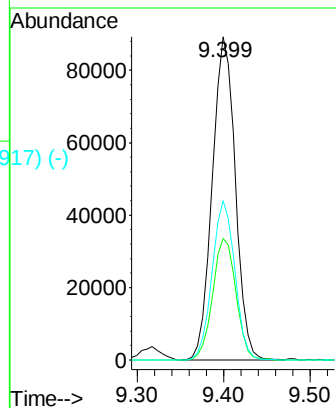
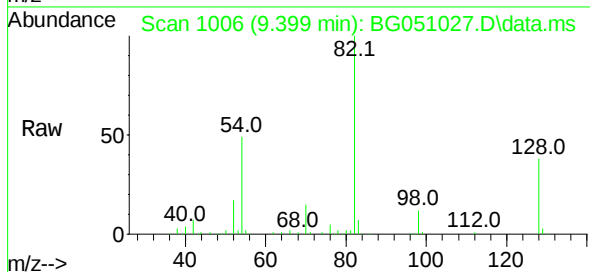
Abundance Scan 1007 (9.404 min): BG051028.D\data.ms (-99923)



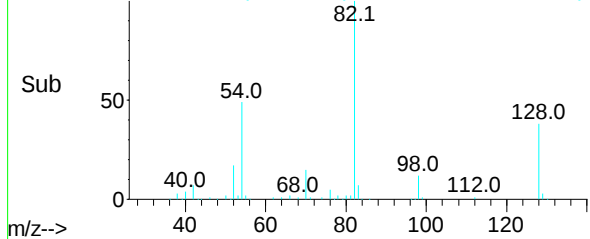
Nitrobenzene-d5
Concen: 38.65 ng
RT: 9.399 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

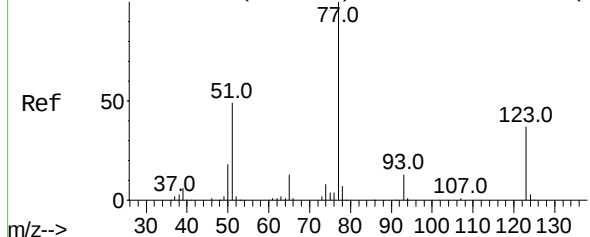
Tgt Ion:	82	Resp:	166017
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.8	44.6
54	49.3	45.8	68.8



Abundance Scan 1006 (9.399 min): BG051027.D\data.ms (-917) (-)

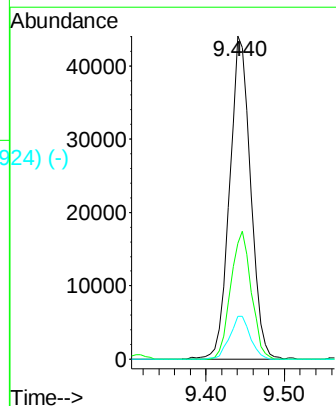
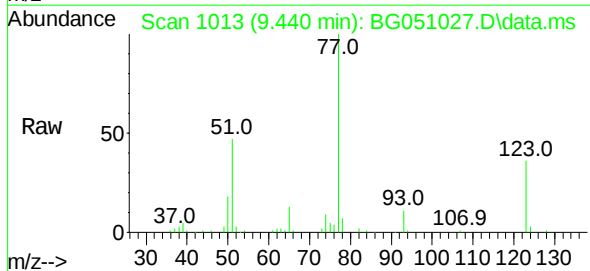


Abundance Scan 1014 (9.445 min): BG051028.D\data.ms (-10024)

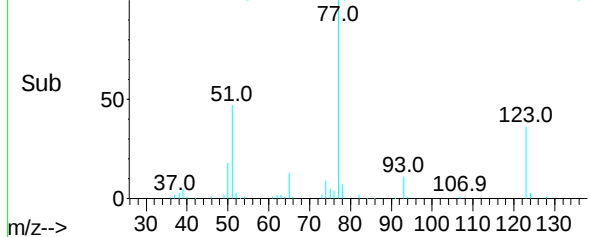


Nitrobenzene
Concen: 19.16 ng
RT: 9.440 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Tgt Ion:	77	Resp:	81828
Ion	Ratio	Lower	Upper
77	100		
123	35.9	27.5	41.3
65	13.2	12.6	18.8



Abundance Scan 1013 (9.440 min): BG051027.D\data.ms (-924) (-)



Abundance Scan 1103 (9.968 min): BG051028.D\data.ms (-10925-)

Isophorone

Concen: 19.34 ng

RT: 9.969 min Scan# 1103

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 147354

Ion Ratio Lower Upper

82 100

95 7.3 8.5 12.7#

138 14.6 11.8 17.6

Abundance Scan 1103 (9.969 min): BG051027.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 1103 (9.969 min): BG051027.D\data.ms (-1013) (-)

Ref 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance Sub

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance

80000

60000

40000

20000

0

Time-->

9.90 9.969 10.00

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

2-Nitrophenol

Concen: 21.74 ng

RT: 10.157 min Scan# 1135

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion: 139 Resp: 34091

Ion Ratio Lower Upper

139 100

109 33.9 37.8 56.6#

65 64.7 51.8 77.8

Abundance Scan 1135 (10.157 min): BG051027.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): BG051027.D\data.ms (-1046) (-)

Ref 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Sub

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance

15000

10000

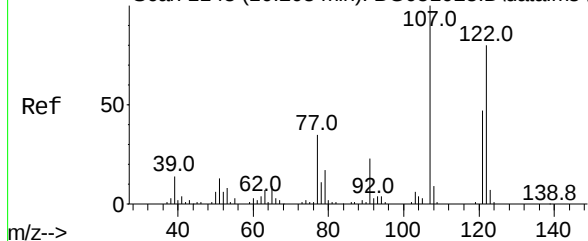
5000

0

Time-->

10.10 10.157 10.20

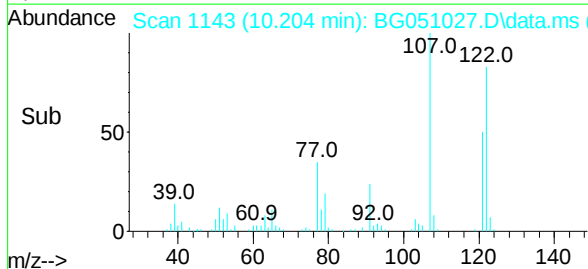
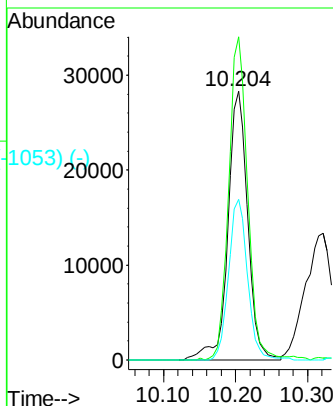
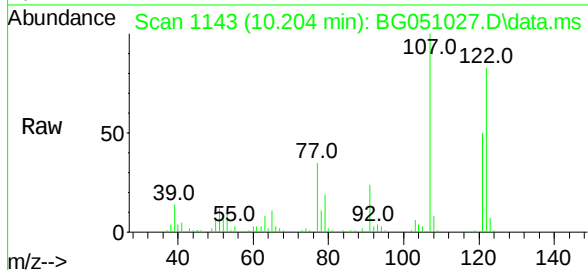
Abundance Scan 1143 (10.203 min): BG051028.D\data.ms (-1129) (-)



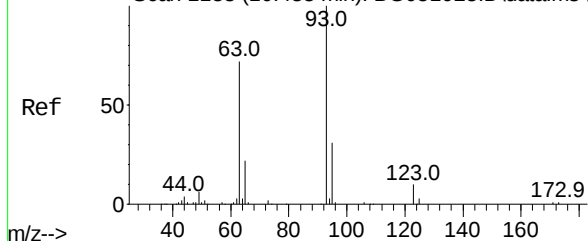
2,4-Dimethylphenol
Concen: 19.93 ng
RT: 10.204 min Scan# 1143
Delta R.T. 0.001 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:	122	Resp:	54004
Ion Ratio	Lower	Upper	
122	100		
107	120.1	110.1	165.1
121	59.8	49.0	73.6

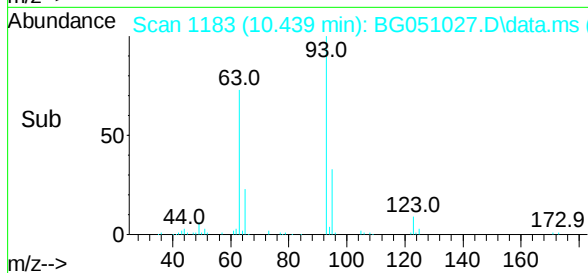
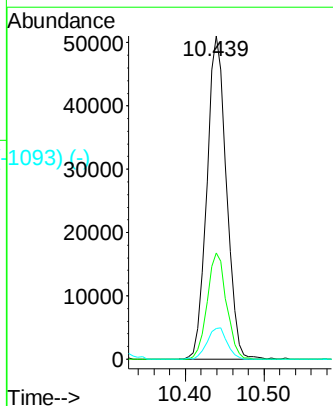
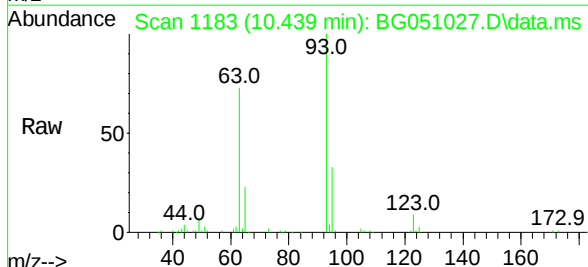


Abundance Scan 1183 (10.438 min): BG051028.D\data.ms (-1129) (-)



bis(2-Chloroethoxy)methane
Concen: 20.25 ng
RT: 10.439 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Tgt Ion:	93	Resp:	88201
Ion Ratio	Lower	Upper	
93	100		
95	32.9	22.2	33.4
123	9.4	8.8	13.2



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

2,4-Dichlorophenol

Concen: 19.94 ng

RT: 10.692 min Scan# 1229

Delta R.T. -0.004 min

Lab File: BG051027.D

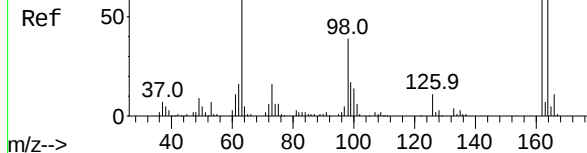
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



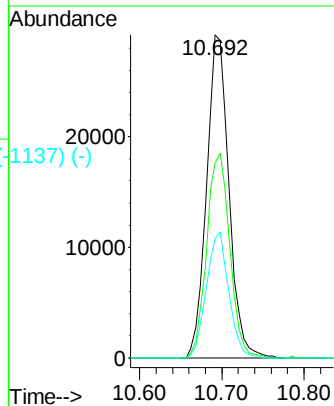
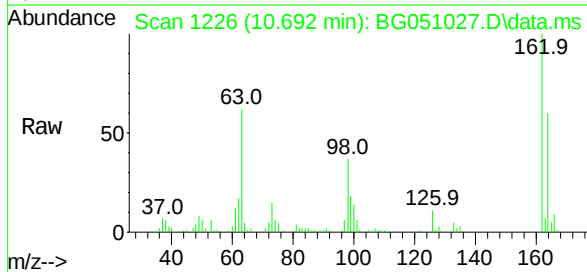
Tgt Ion:162 Resp: 55054

Ion Ratio Lower Upper

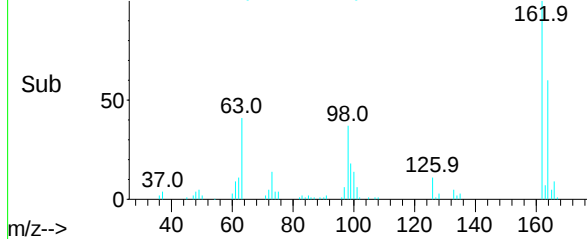
162 100

164 60.4 39.4 79.4

98 37.1 18.7 58.7



Abundance Scan 1226 (10.692 min): BG051027.D\data.ms (-1137) (-)



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

1,2,4-Trichlorobenzene

Concen: 20.03 ng

RT: 10.909 min Scan# 1263

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

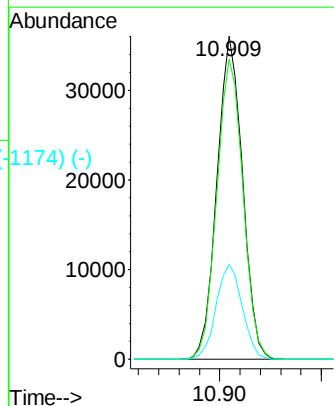
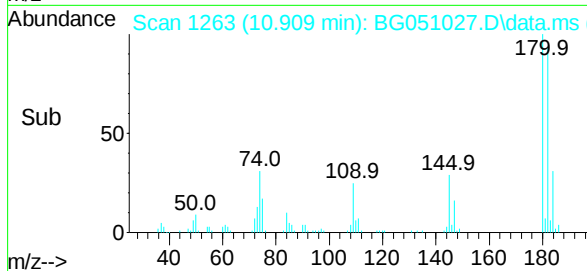
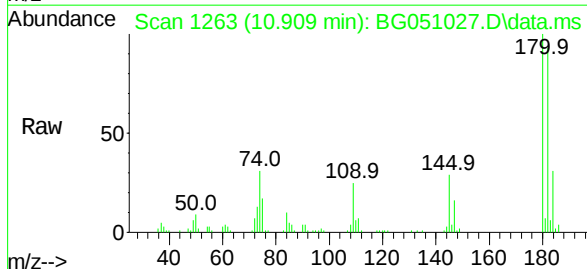
Tgt Ion:180 Resp: 62817

Ion Ratio Lower Upper

180 100

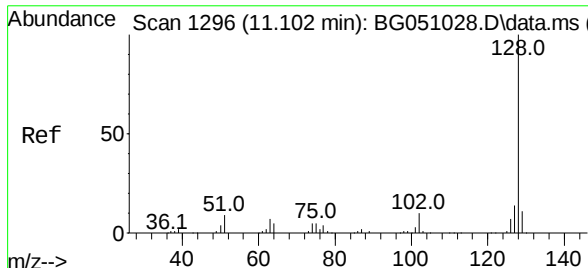
182 92.9 78.9 118.3

145 29.3 26.2 39.4



Abundance Scan 1263 (10.909 min): BG051027.D\data.ms (-1174) (-)

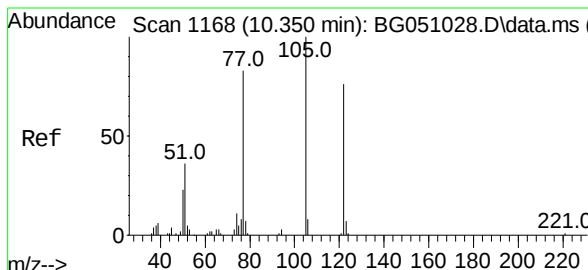
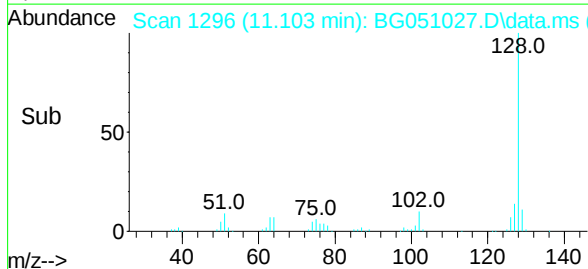
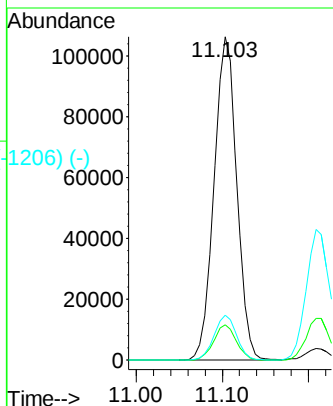
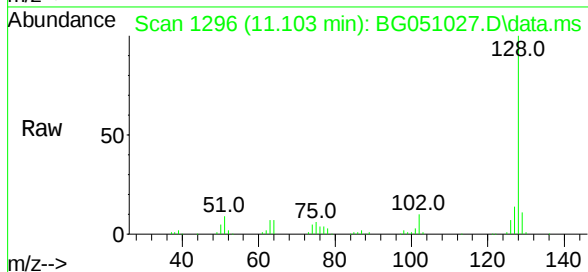




Scan 1296 (11.102 min): BG051028.D\data.ms (-1284) (-)
 Naphthalene
 Concen: 20.54 ng
 RT: 11.103 min Scan# 1132
 Delta R.T. 0.001 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

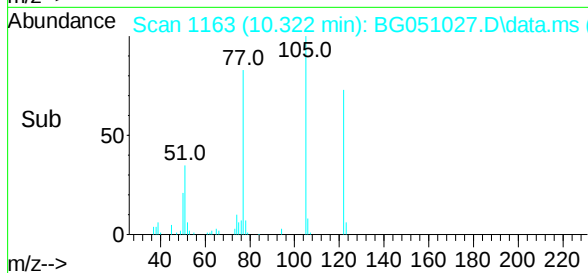
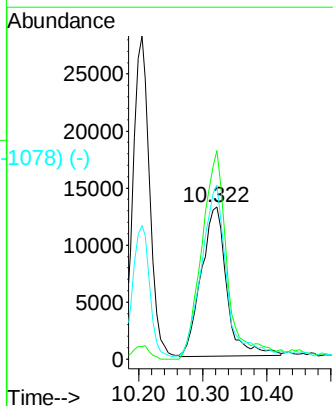
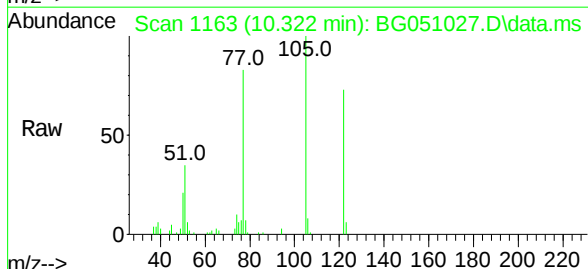
Instrument : BNA_G
 ClientSampleId : BG051027.D
 SSTDICC020

Tgt Ion:	128	Resp:	195458
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.8	10.2	15.4



Scan 1168 (10.350 min): BG051028.D\data.ms (-1132) (-)
 Benzoic acid
 Concen: 17.94 ng
 RT: 10.322 min Scan# 1163
 Delta R.T. -0.028 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

Tgt Ion:	122	Resp:	36068
Ion	Ratio	Lower	Upper
122	100		
105	136.9	92.3	132.3#
77	114.3	66.5	106.5#



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

4-Chloroaniline

Concen: 20.35 ng

RT: 11.209 min Scan# 1315

Delta R.T. -0.004 min

Lab File: BG051027.D

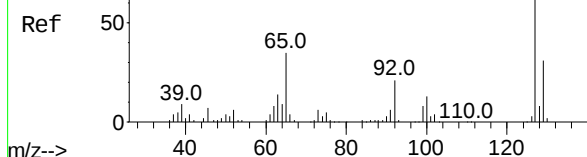
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:127 Resp: 81263

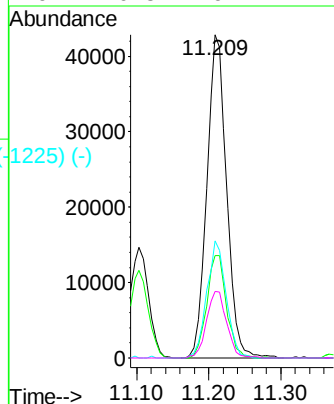
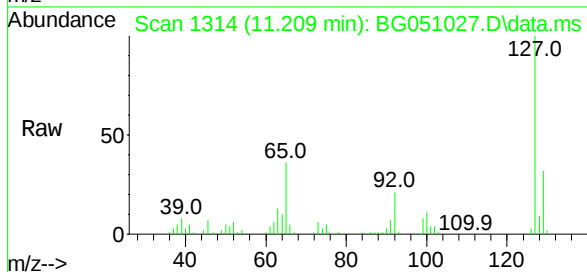
Ion Ratio Lower Upper

127 100

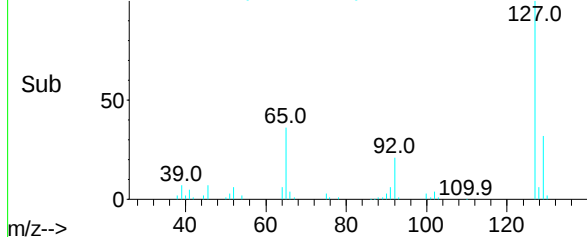
129 31.7 26.7 40.1

65 36.2 32.8 49.2

92 20.5 16.2 24.4



Abundance Scan 1314 (11.209 min): BG051027.D\data.ms (-1225) (-)



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

Hexachlorobutadiene

Concen: 19.29 ng

RT: 11.373 min Scan# 1342

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

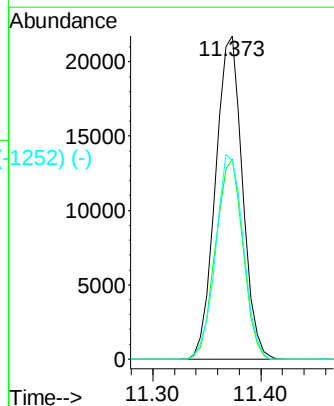
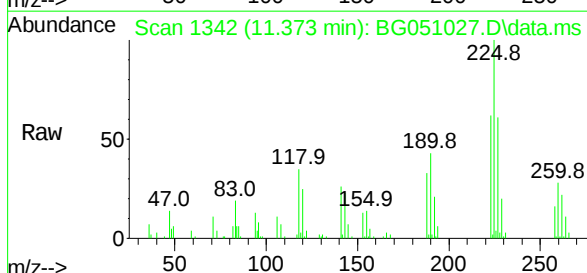
Tgt Ion:225 Resp: 37984

Ion Ratio Lower Upper

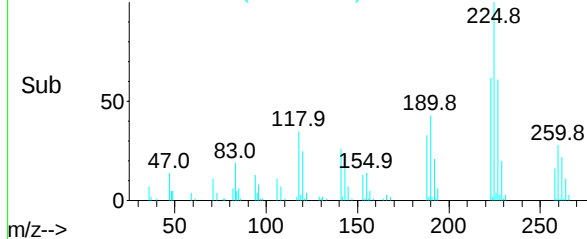
225 100

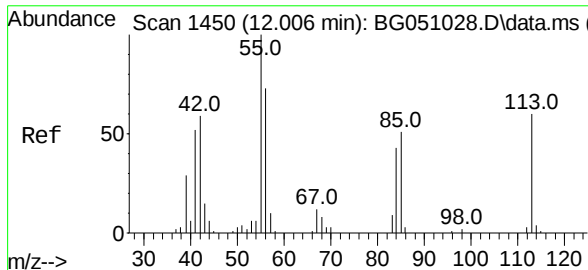
223 62.0 49.8 74.8

227 61.4 46.4 69.6



Abundance Scan 1342 (11.373 min): BG051027.D\data.ms (-1252) (-)

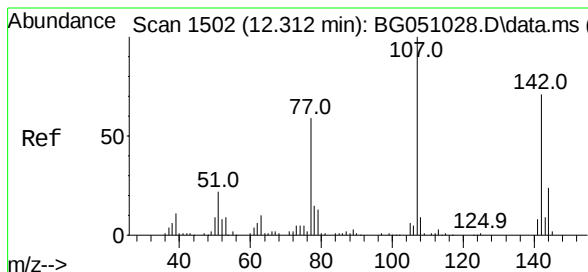
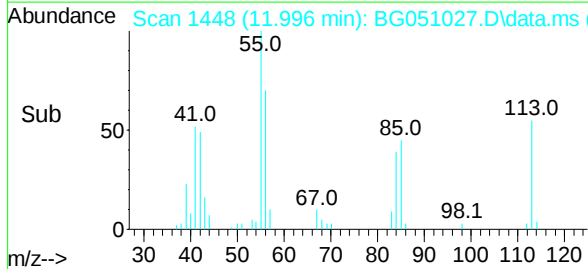
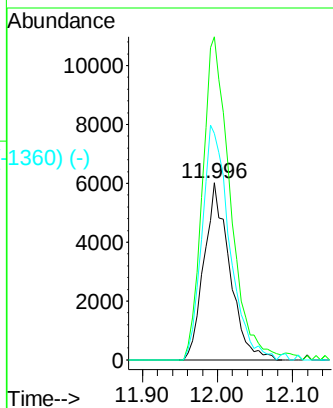
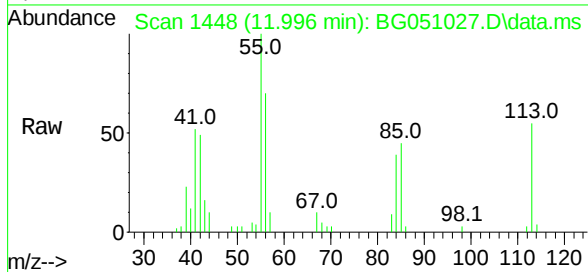




Caprolactam
Concen: 13.58 ng
RT: 11.996 min Scan# 1435
Delta R.T. -0.010 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

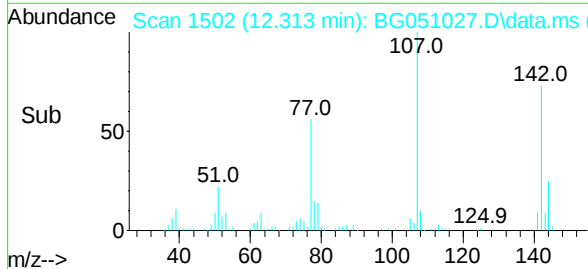
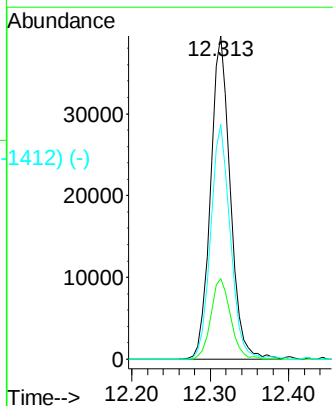
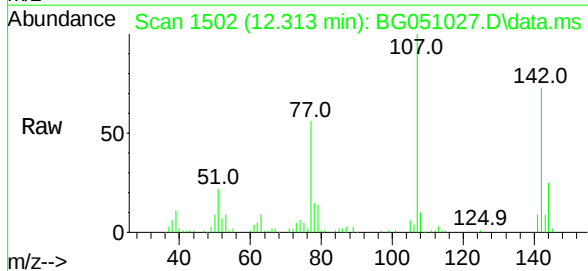
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 14353
Ion Ratio Lower Upper
113 100
55 182.5 113.8 153.8#
56 128.0 105.6 145.6



4-Chloro-3-methylphenol
Concen: 19.96 ng
RT: 12.313 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Tgt Ion:107 Resp: 68885
Ion Ratio Lower Upper
107 100
144 25.0 24.8 37.2
142 72.8 62.2 93.4



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

2-Methylnaphthalene

Concen: 19.78 ng

RT: 12.695 min Scan# 1567

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 129912

Ion Ratio Lower Upper

142 100

141 93.5 68.8 103.2

115 39.5 36.4 54.6

Abundance Scan 1567 (12.695 min): BG051027.D\data.ms

Ref 50

142.0

115.0

39.0 63.0 89.0

m/z-->

Abundance Scan 1567 (12.695 min): BG051027.D\data.ms

Raw 50

142.0

115.0

39.0 63.0 89.0

m/z-->

Abundance Scan 1567 (12.695 min): BG051027.D\data.ms (-1477) (-)

Sub 50

142.0

115.0

39.0 63.0 89.0

m/z-->

Abundance

12.695

60000

40000

20000

0

Time-->

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

1-Methylnaphthalene

Concen: 19.95 ng

RT: 12.913 min Scan# 1604

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:142 Resp: 127024

Ion Ratio Lower Upper

142 100

141 96.1 70.6 106.0

116 4.1 4.0 6.0

Abundance Scan 1604 (12.913 min): BG051027.D\data.ms

Ref 50

142.0

115.0

63.0 200.8 239.8

m/z-->

Abundance Scan 1604 (12.913 min): BG051027.D\data.ms

Raw 50

142.0

115.0

63.0 202.9 237.7

m/z-->

Abundance Scan 1604 (12.913 min): BG051027.D\data.ms (-1519) (-)

Sub 50

142.0

115.0

63.0 202.9 237.7

m/z-->

Abundance

12.913

60000

40000

20000

0

Time-->

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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.852 min Scan# 1935

Delta R.T. -0.004 min

Lab File: BG051027.D

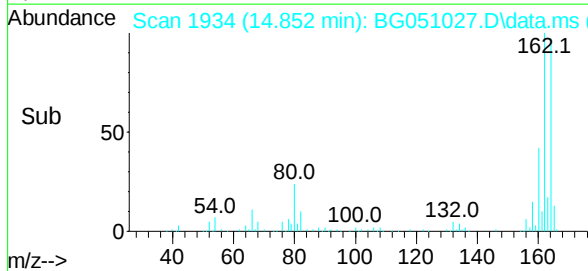
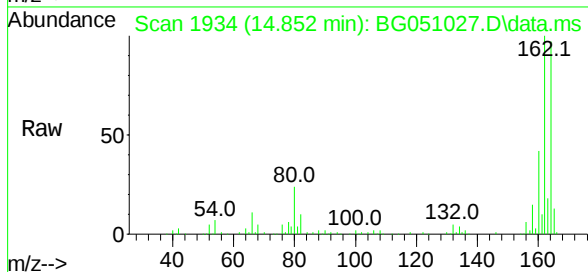
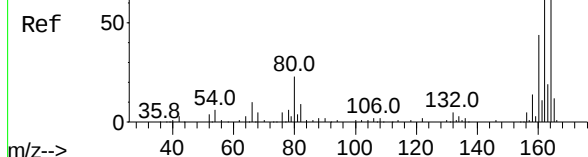
Acq: 13 Nov 2021 17:26

Instrument :

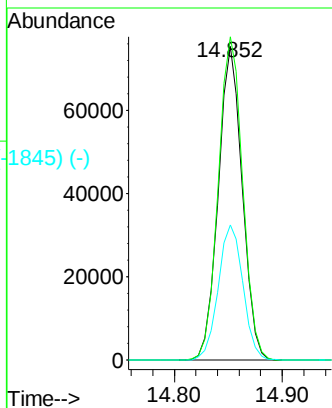
BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:	164	Resp:	117067
Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.0
160	43.0	34.9	52.3



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

1,2,4,5-Tetrachlorobenzene

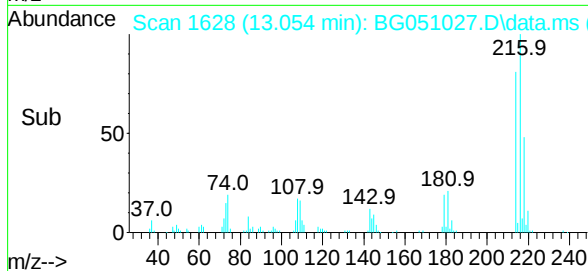
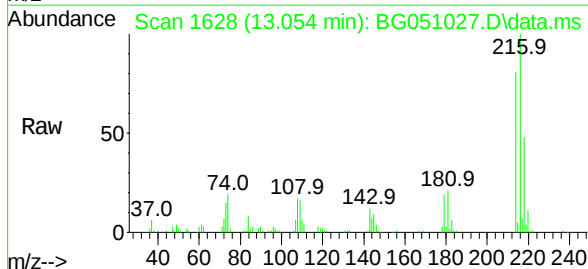
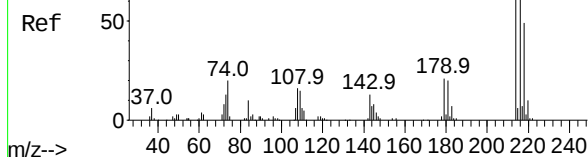
Concen: 19.98 ng

RT: 13.054 min Scan# 1628

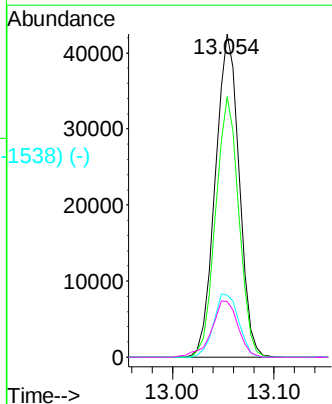
Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26



Tgt Ion:	216	Resp:	69070
Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.4	92.2
179	20.5	17.3	25.9
108	19.3	16.3	24.5



Abundance Scan 1623 (13.023 min): BG051028.D\data.ms (-1640) (-)

Hexachlorocyclopentadiene

Concen: 10.71 ng

RT: 13.024 min Scan# 1623

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:237 Resp: 21407

Ion Ratio Lower Upper

237 100

235 62.1 36.6 76.6

272 11.8 0.0 32.5

Abundance Scan 1623 (13.024 min): BG051027.D\data.ms

Ref

60.0 94.9 129.9 166.9 200.8 236.8 271.8

m/z-->

Raw

60.0 95.0 129.9 164.9 200.8 236.8 271.8

m/z-->

Abundance Scan 1623 (13.024 min): BG051027.D\data.ms (-1533) (-)

Sub

60.0 95.0 129.9 164.9 200.8 236.8 271.8

m/z-->

Abundance

13.024

10000

5000

0

Time--> 12.95 13.00 13.05

Abundance Scan 2188 (16.343 min): BG051028.D\data.ms (-2140) (-)

2,4,6-Tribromophenol

Concen: 40.88 ng

RT: 16.338 min Scan# 2187

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:330 Resp: 45650

Ion Ratio Lower Upper

330 100

332 94.4 77.3 115.9

141 49.7 35.6 53.4

Abundance Scan 2187 (16.338 min): BG051027.D\data.ms

Ref

62.0 103.9 142.9 221.8 329.8 331.8

m/z-->

Raw

62.0 140.9 222.9 329.8

m/z-->

Abundance Scan 2187 (16.338 min): BG051027.D\data.ms (-2098) (-)

Sub

62.0 140.9 221.8 329.8

m/z-->

Abundance

16.338

30000

20000

10000

0

Time--> 16.30 16.40

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

2,4,6-Trichlorophenol

Concen: 20.12 ng

RT: 13.295 min Scan# 1668

Delta R.T. 0.007 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 49004

Ion Ratio Lower Upper

196 100

198 94.8 82.1 123.1

200 29.7 23.8 35.8

Abundance Scan 1669 (13.295 min): BG051027.D\data.ms

Ref 50

62.0 97.0 131.9 159.9 195.9

37.0

m/z-->

Abundance Scan 1669 (13.295 min): BG051027.D\data.ms

Raw 50

62.0 97.0 131.9 159.9 195.9

37.0

m/z-->

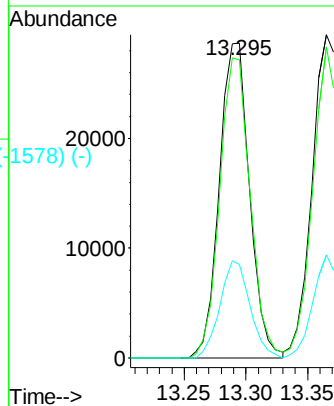
Abundance Scan 1669 (13.295 min): BG051027.D\data.ms (-1578) (-)

Sub 50

62.0 97.0 131.9 159.9 195.9

37.0

m/z-->



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

2,4,5-Trichlorophenol

Concen: 20.13 ng

RT: 13.365 min Scan# 1681

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:196 Resp: 51273

Ion Ratio Lower Upper

196 100

198 96.3 87.4 131.0

97 52.7 43.3 64.9

132 28.7 21.4 32.2

Abundance Scan 1681 (13.365 min): BG051027.D\data.ms

Ref 50

62.0 97.0 131.9 166.9 195.9

37.0

m/z-->

Abundance Scan 1681 (13.365 min): BG051027.D\data.ms

Raw 50

62.0 97.0 131.9 166.9 195.9

37.0

m/z-->

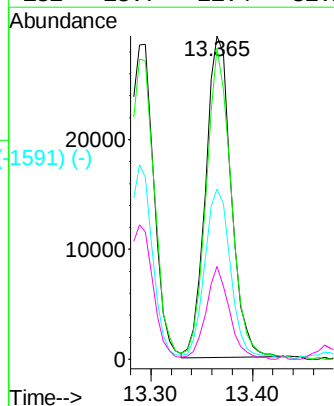
Abundance Scan 1681 (13.365 min): BG051027.D\data.ms (-1591) (-)

Sub 50

62.0 97.0 131.9 166.9 195.9

37.0

m/z-->



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

2-Fluorobiphenyl

Concen: 40.81 ng

RT: 13.471 min Scan# 1699

Delta R.T. -0.004 min

Lab File: BG051027.D

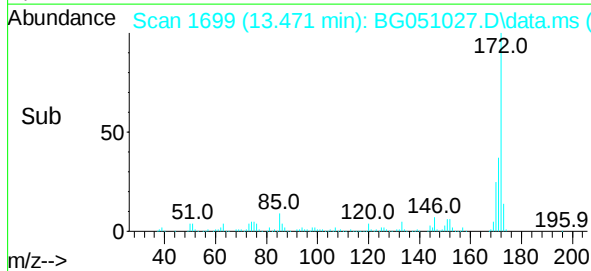
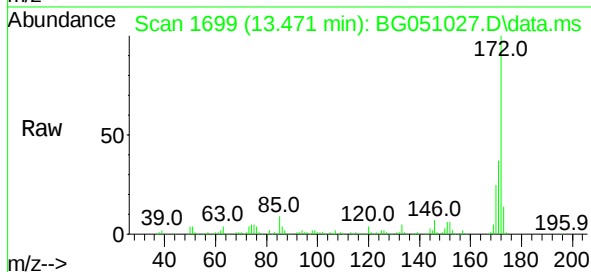
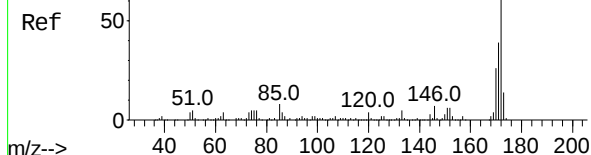
Acq: 13 Nov 2021 17:26

Instrument :

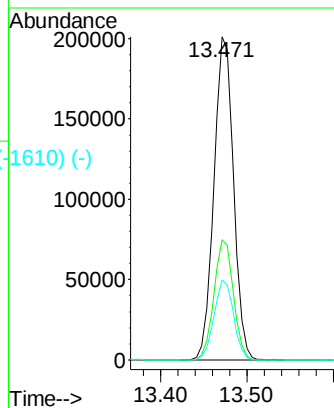
BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:	172	Resp:	317444
Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	43.0
170	24.8	18.6	27.8



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

1,1'-Biphenyl

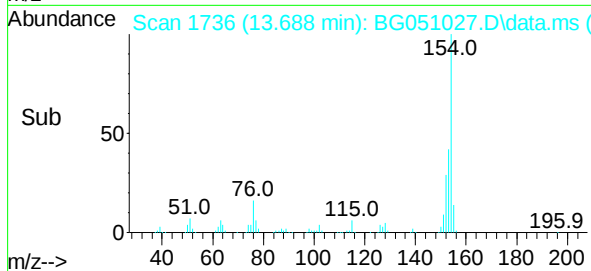
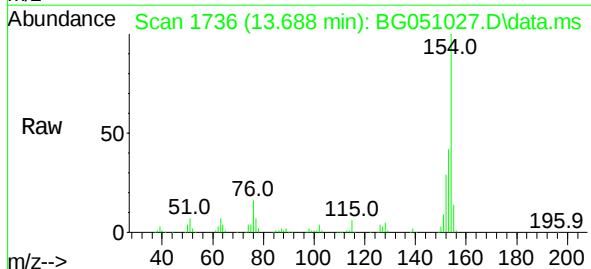
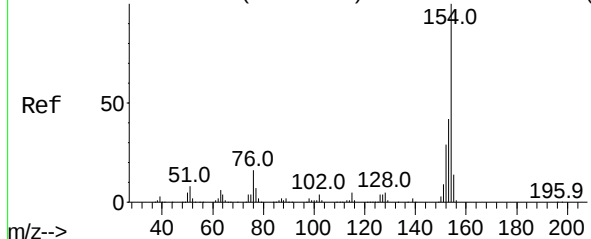
Concen: 20.28 ng

RT: 13.688 min Scan# 1736

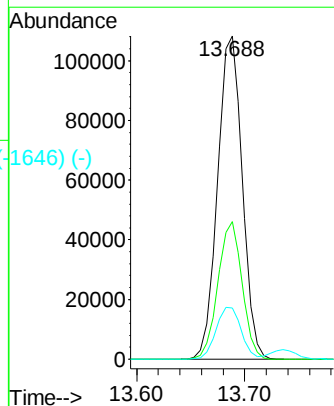
Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26



Tgt Ion:	154	Resp:	173143
Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.5	60.5
76	15.8	0.0	29.3



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

2-Chloronaphthalene

Concen: 20.64 ng

RT: 13.735 min Scan# 1744

Delta R.T. 0.001 min

Lab File: BG051027.D

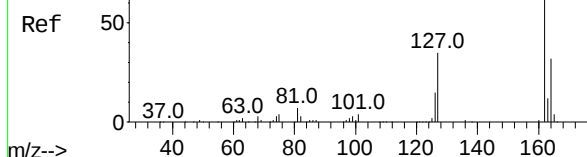
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



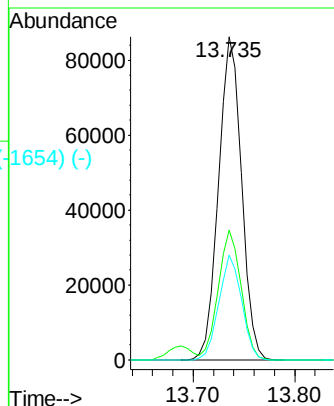
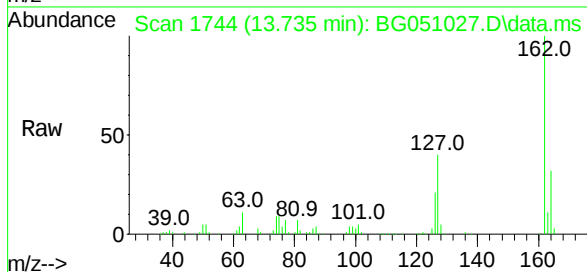
Tgt Ion:162 Resp: 135315

Ion Ratio Lower Upper

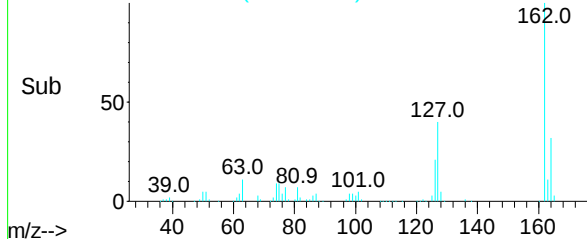
162 100

127 40.3 32.7 49.1

164 32.5 27.0 40.4



Abundance Scan 1744 (13.735 min): BG051027.D\data.ms (-1654) (-)



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

2-Nitroaniline

Concen: 19.28 ng

RT: 13.941 min Scan# 1779

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

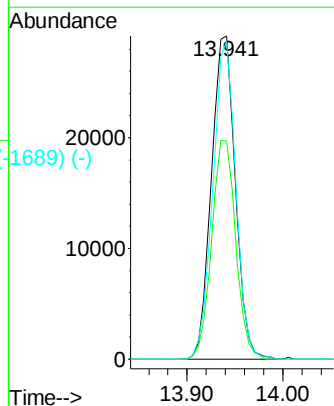
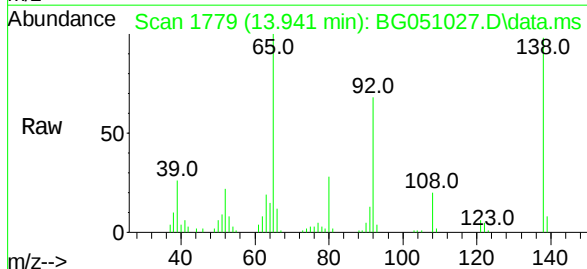
Tgt Ion: 65 Resp: 50278

Ion Ratio Lower Upper

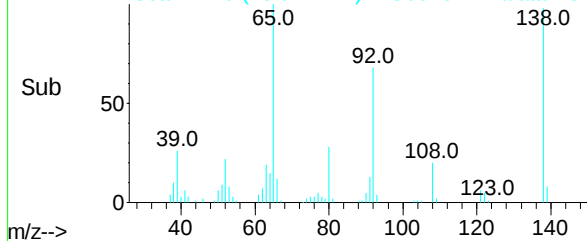
65 100

92 67.6 47.2 70.8

138 98.4 68.0 102.0



Abundance Scan 1779 (13.941 min): BG051027.D\data.ms (-1689) (-)



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

Acenaphthylene

Concen: 20.54 ng

RT: 14.581 min Scan# 1888

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 220692

Ion Ratio Lower Upper

152 100

151 20.9 18.2 27.4

153 13.2 11.7 17.5

Abundance Scan 1888 (14.581 min): BG051027.D\data.ms

Ref 50

152.0

Raw 50

51.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1888 (14.581 min): BG051027.D\data.ms (-1798) (-)

Sub 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance

14.581

100000

50000

0

Time-->

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

Dimethylphthalate

Concen: 20.74 ng

RT: 14.293 min Scan# 1839

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:163 Resp: 183486

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.5 8.6 12.8

Abundance Scan 1839 (14.293 min): BG051027.D\data.ms

Ref 50

163.0

Raw 50

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance Scan 1839 (14.293 min): BG051027.D\data.ms (-1750) (-)

Sub 50

163.0

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance

14.293

100000

50000

0

Time-->

Abundance Scan 1862 (14.427 min): BG051028.D\data.ms (-1772) (-)

2,6-Dinitrotoluene

Concen: 21.45 ng

RT: 14.423 min Scan# 1862

Delta R.T. -0.004 min

Lab File: BG051027.D

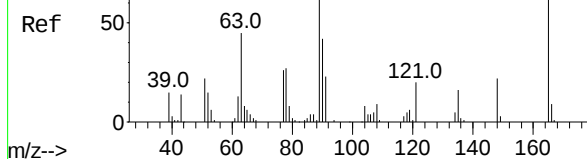
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



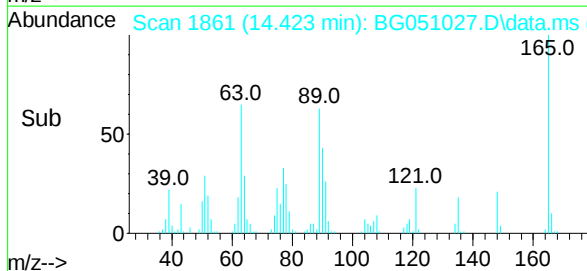
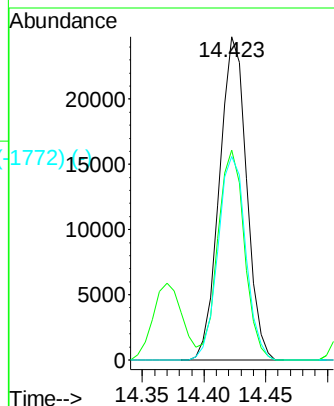
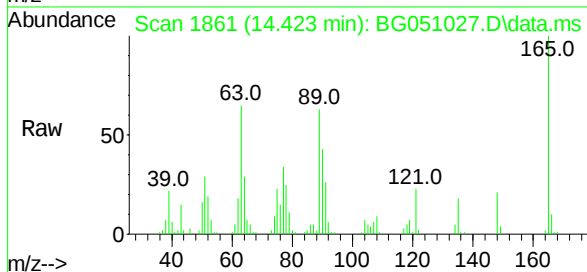
Tgt Ion:165 Resp: 38017

Ion Ratio Lower Upper

165 100

63 64.9 63.3 94.9

89 63.0 63.4 95.0#



Abundance Scan 1945 (14.915 min): BG051028.D\data.ms (-1772) (-)

Acenaphthene

Concen: 18.16 ng

RT: 14.916 min Scan# 1945

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

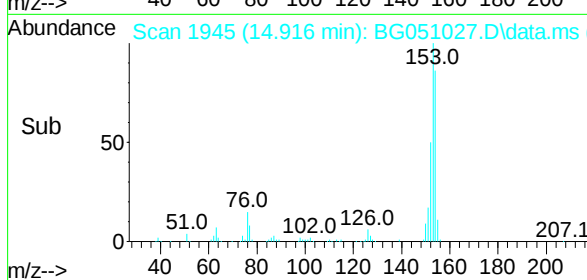
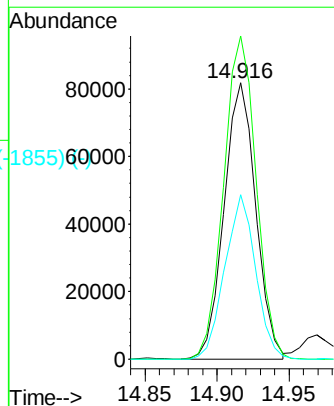
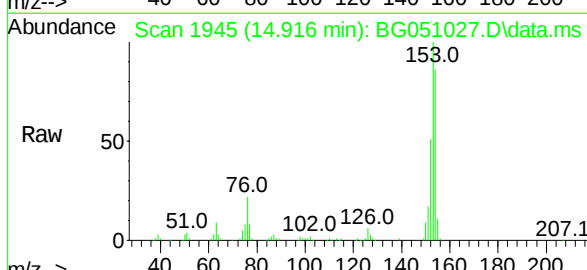
Tgt Ion:154 Resp: 125351

Ion Ratio Lower Upper

154 100

153 116.8 87.0 130.4

152 59.4 40.1 60.1



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

3-Nitroaniline

Concen: 21.08 ng

RT: 14.758 min Scan# 1918

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:138 Resp: 44201

Ion Ratio Lower Upper

138 100

108 11.0 8.3 12.5

92 126.1 96.4 144.6

Abundance Scan 1918 (14.758 min): BG051027.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1918 (14.758 min): BG051027.D\data.ms (-1828)

Ref

Raw

Sub

m/z-->

Abundance

30000

20000

10000

0

14.70 14.80

Time-->

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

2,4-Dinitrophenol

Concen: 17.06 ng

RT: 14.969 min Scan# 1954

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:184 Resp: 18757

Ion Ratio Lower Upper

184 100

63 66.1 68.3 102.5#

154 63.3 62.6 93.8

Abundance Scan 1954 (14.969 min): BG051027.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance

80000

60000

40000

20000

0

14.90 15.00

Time-->

Abundance Scan 1954 (14.969 min): BG051027.D\data.ms (-1864)

Ref

Raw

Sub

m/z-->

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

Dibenzofuran

Concen: 20.44 ng

RT: 15.245 min Scan# 1955

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 218278

Ion Ratio Lower Upper

168 100

139 38.2 33.4 50.2

169 13.8 12.3 18.5

Abundance Scan 2001 (15.245 min): BG051027.D\data.ms

Ref 50

168.0

139.0

39.0 62.0 84.0 113.0

m/z-->

Abundance Scan 2001 (15.245 min): BG051027.D\data.ms (-1912) (-)

Ref 50

168.0

139.0

39.0 63.0 84.0 113.0

m/z-->

Abundance Scan 2001 (15.245 min): BG051027.D\data.ms (-1912) (-)

Ref 50

168.0

139.0

39.0 63.0 84.0 113.0

m/z-->

Abundance

15.245

100000

50000

0

Time-->

15.20 15.30

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

4-Nitrophenol

Concen: 19.46 ng

RT: 15.057 min Scan# 1969

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:139 Resp: 32816

Ion Ratio Lower Upper

139 100

109 86.1 116.3 156.3#

65 112.5 105.0 145.0

Abundance Scan 1969 (15.057 min): BG051027.D\data.ms

Ref 50

139.0

109.0

65.0

39.0

m/z-->

Abundance Scan 1969 (15.057 min): BG051027.D\data.ms (-1880) (-)

Ref 50

139.0

109.0

65.0

39.0

m/z-->

Abundance

15.057

50000

40000

30000

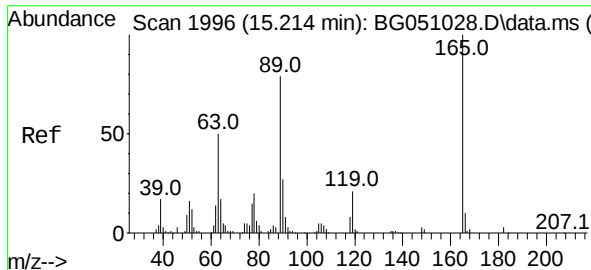
20000

10000

0

Time-->

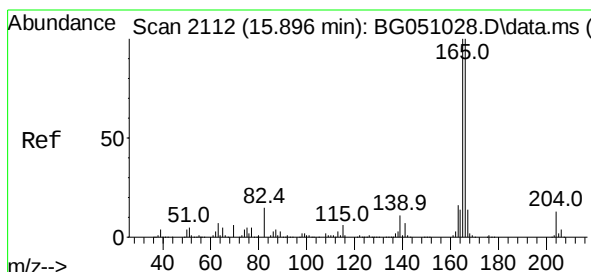
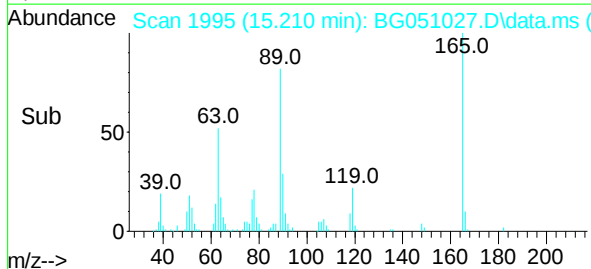
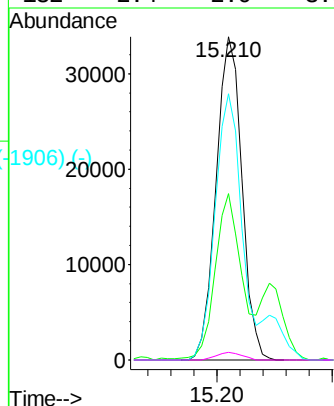
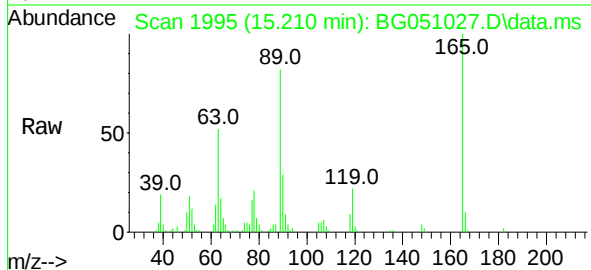
15.00 15.10 15.20



2,4-Dinitrotoluene
Concen: 21.14 ng
RT: 15.210 min Scan# 1996
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

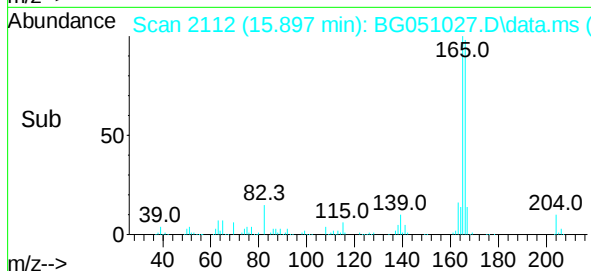
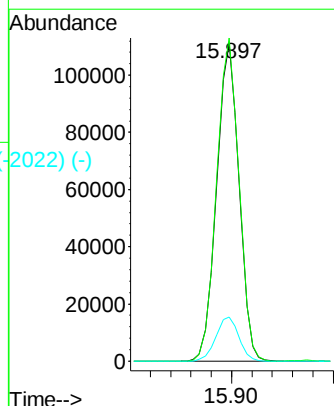
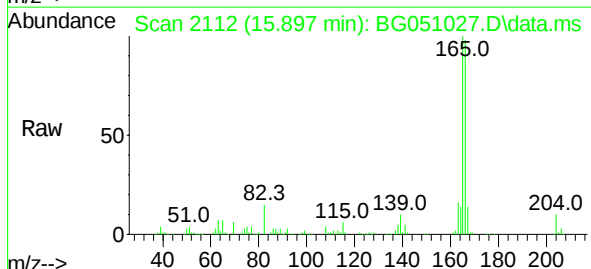
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:	165	Resp:	52817
Ion	Ratio	Lower	Upper
165	100		
63	51.5	48.0	72.0
89	82.4	65.4	98.0
182	2.4	2.0	3.0



Fluorene
Concen: 20.68 ng
RT: 15.897 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

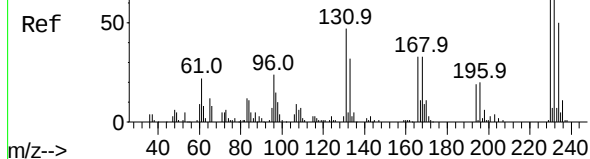
Tgt Ion:	166	Resp:	169599
Ion	Ratio	Lower	Upper
166	100		
165	101.5	77.7	116.5
167	13.9	10.8	16.2



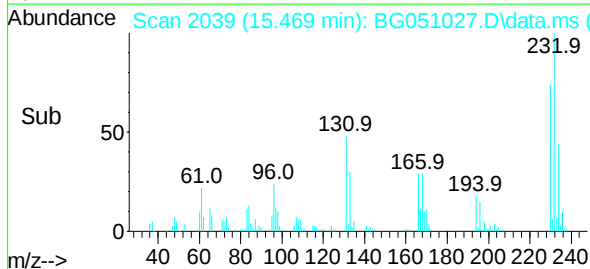
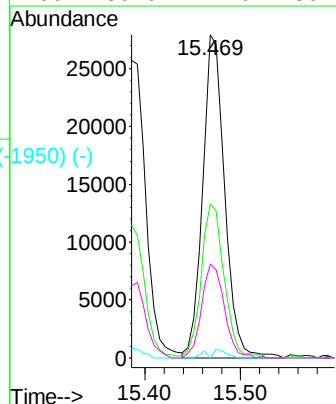
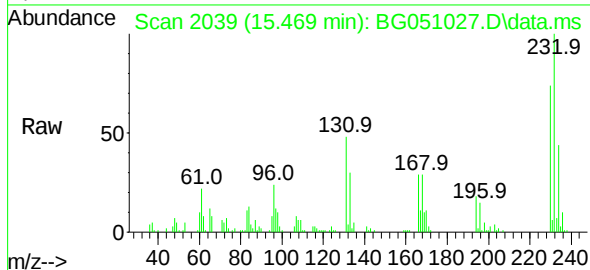
Abundance Scan 2040 (15.473 min): BG051028.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol
Concen: 19.91 ng
RT: 15.469 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC020



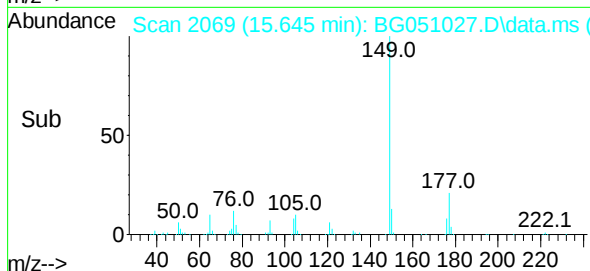
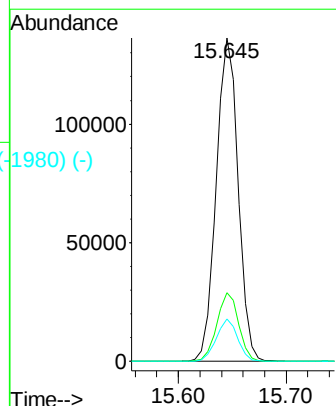
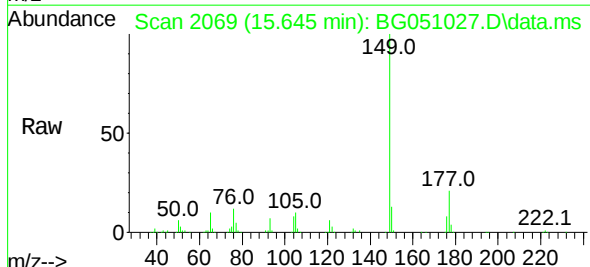
Tgt Ion:	232	Resp:	44166
Ion	Ratio	Lower	Upper
232	100		
131	49.8	37.2	55.8
130	1.5	2.8	4.2#
166	30.0	24.0	36.0



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

Diethylphthalate
Concen: 20.73 ng
RT: 15.645 min Scan# 2069
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Tgt Ion:	149	Resp:	192710
Ion	Ratio	Lower	Upper
149	100		
177	21.2	19.0	28.6
150	13.1	10.2	15.4



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

4-Chlorophenyl-phenylether

Concen: 20.09 ng

RT: 15.880 min Scan# 2109

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Ref

m/z-->

Abundance Scan 2109 (15.880 min): BG051027.D\data.ms

Raw

m/z-->

Abundance Scan 2109 (15.880 min): BG051027.D\data.ms (-2109)

Sub

m/z-->

Tgt Ion:204 Resp: 90131

Ion Ratio Lower Upper

204 100

206 33.3 24.6 37.0

141 59.0 47.8 71.8

Abundance

60000

40000

20000

0

Time-->

15.80 15.90

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

4-Nitroaniline

Concen: 20.81 ng

RT: 15.915 min Scan# 2115

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:138 Resp: 45386

Ion Ratio Lower Upper

138 100

92 62.1 32.3 72.3

108 92.0 132.4 172.4#

Ref

m/z-->

Abundance Scan 2115 (15.915 min): BG051027.D\data.ms

Raw

m/z-->

Abundance Scan 2115 (15.915 min): BG051027.D\data.ms (-2115)

Sub

m/z-->

Abundance

25000

20000

15000

10000

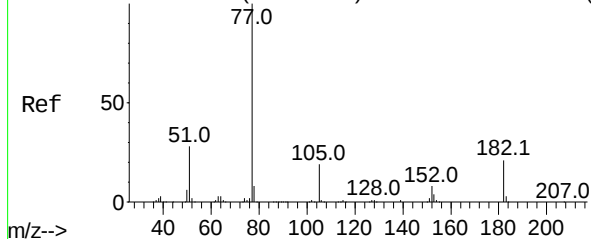
5000

0

Time-->

15.80 15.90 16.00

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



Azobenzene

Concen: 19.15 ng

RT: 16.174 min Scan# 2159

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 206122

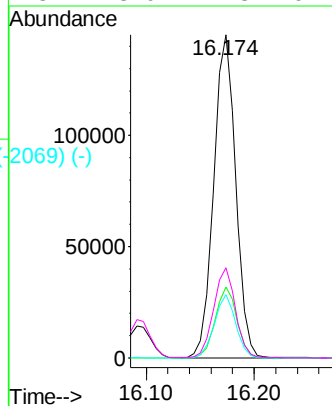
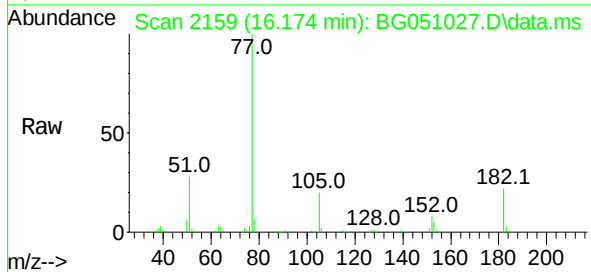
Ion Ratio Lower Upper

77 100

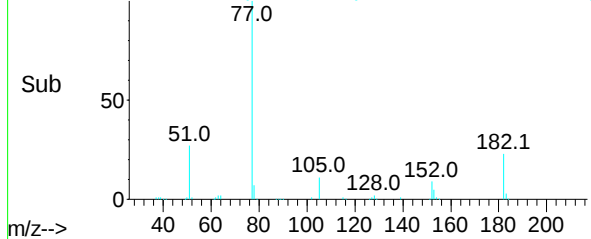
182 21.9 7.9 47.9

105 19.6 0.0 37.9

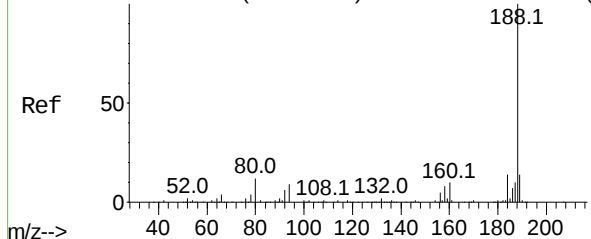
51 28.0 27.3 67.3



Abundance Scan 2159 (16.174 min): BG051027.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. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

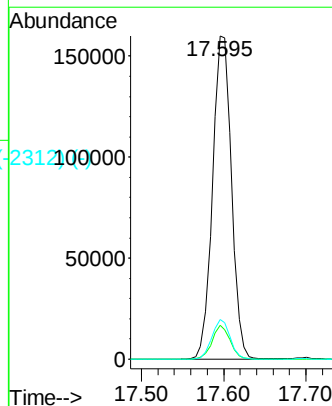
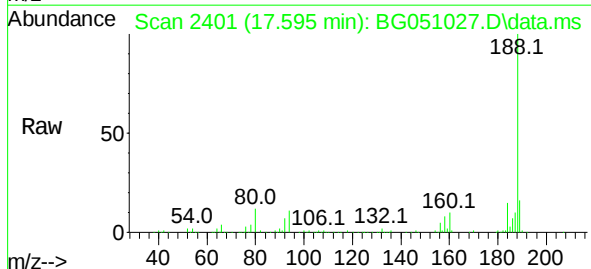
Tgt Ion: 188 Resp: 255862

Ion Ratio Lower Upper

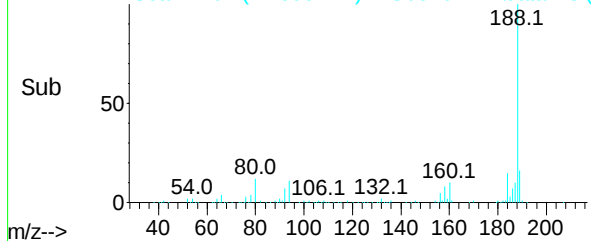
188 100

94 10.5 5.4 8.0#

80 12.2 3.7 5.5#



Abundance Scan 2401 (17.595 min): BG051027.D\data.ms (-2312) (-)



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

4,6-Dinitro-2-methylphenol

Concen: 20.41 ng

RT: 15.974 min Scan# 2125

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 31364

Ion Ratio Lower Upper

198 100

51 51.0 29.4 69.4

105 48.8 15.1 55.1

Abundance Scan 2125 (15.974 min): BG051027.D\data.ms

Ref

51.0 77.0 105.0 134.0 168.0 198.0

m/z-->

Abundance Scan 2125 (15.974 min): BG051027.D\data.ms

Raw

51.0 77.0 105.0 133.9 168.0 198.0

m/z-->

Abundance Scan 2125 (15.974 min): BG051027.D\data.ms (-2035) (-)

Sub

51.0 77.0 105.0 133.9 167.9 198.0

m/z-->

Abundance

15.974

15000

10000

5000

0

Time-->

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

n-Nitrosodiphenylamine

Concen: 20.80 ng

RT: 16.097 min Scan# 2146

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:169 Resp: 151238

Ion Ratio Lower Upper

169 100

168 71.1 56.3 84.5

167 39.4 28.4 42.6

Abundance Scan 2146 (16.097 min): BG051027.D\data.ms

Ref

51.0 83.5 115.0 141.0 169.1

m/z-->

Abundance Scan 2146 (16.097 min): BG051027.D\data.ms

Raw

51.0 83.5 115.0 141.1 169.1

m/z-->

Abundance Scan 2146 (16.097 min): BG051027.D\data.ms (-2056) (-)

Sub

51.0 83.5 115.0 141.1 169.1

m/z-->

Abundance

16.097

100000

80000

60000

40000

20000

0

Time-->

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

4-Bromophenyl-phenylether

Concen: 21.15 ng

RT: 16.779 min Scan# 2262

Delta R.T. 0.001 min

Lab File: BG051027.D

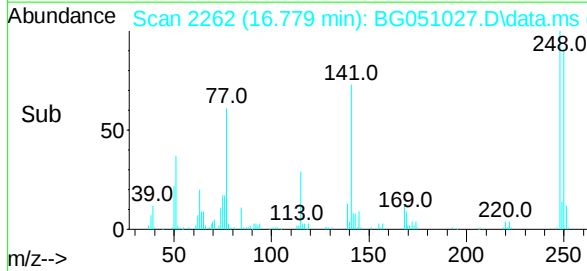
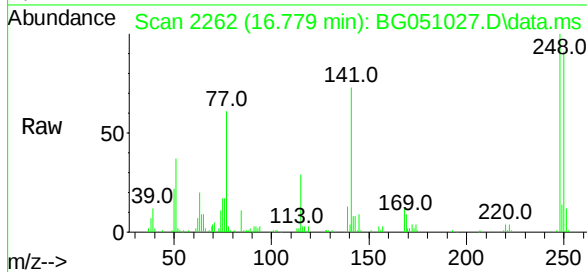
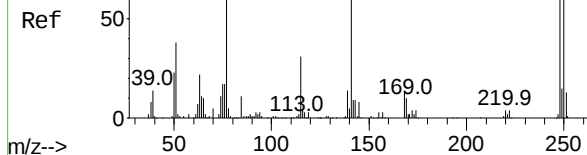
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



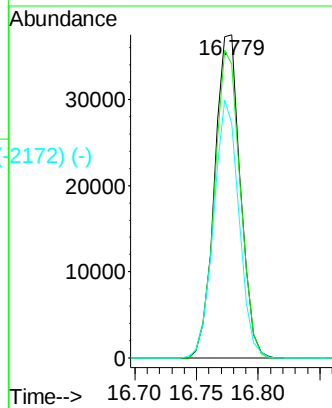
Tgt Ion:248 Resp: 54533

Ion Ratio Lower Upper

248 100

250 90.9 76.1 114.1

141 72.6 65.4 98.2



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

Hexachlorobenzene

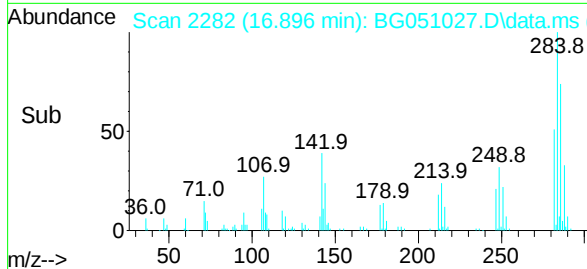
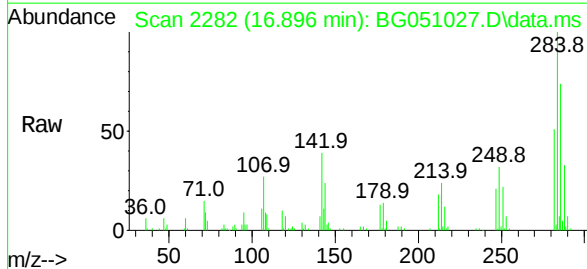
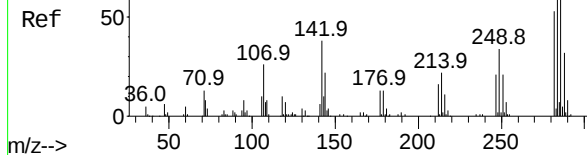
Concen: 20.56 ng

RT: 16.896 min Scan# 2282

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26



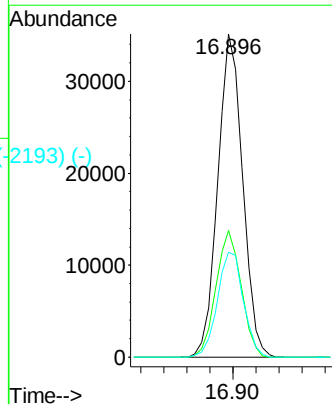
Tgt Ion:284 Resp: 52679

Ion Ratio Lower Upper

284 100

142 39.2 27.0 40.6

249 32.5 28.2 42.2



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

Atrazine

Concen: 13.11 ng

RT: 17.037 min Scan# 2306

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 37536

Ion Ratio Lower Upper

200 100

173 26.7 3.7 43.7

215 54.2 26.9 66.9

Abundance Scan 2306 (17.037 min): BG051027.D\data.ms

200.0

58.1

92.5

132.0

173.0

m/z-->

Abundance Scan 2306 (17.037 min): BG051027.D\data.ms (-2216) (-)

200.0

58.1

92.5

132.0

173.0

m/z-->

Abundance

17.037

25000

20000

15000

10000

5000

0

Time-->

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

Pentachlorophenol

Concen: 17.34 ng

RT: 17.243 min Scan# 2341

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:266 Resp: 30242

Ion Ratio Lower Upper

266 100

268 66.5 49.0 73.4

264 59.5 49.0 73.6

Abundance Scan 2341 (17.243 min): BG051027.D\data.ms

265.8

164.9

201.8

234.8

m/z-->

Abundance Scan 2341 (17.243 min): BG051027.D\data.ms (-2251) (-)

265.8

164.9

201.8

234.8

m/z-->

Abundance

17.243

15000

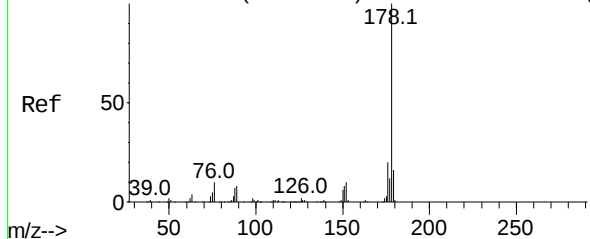
10000

5000

0

Time-->

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



Phenanthrene

Concen: 20.91 ng

RT: 17.642 min Scan# 2409

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

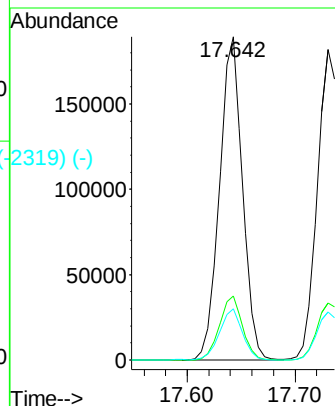
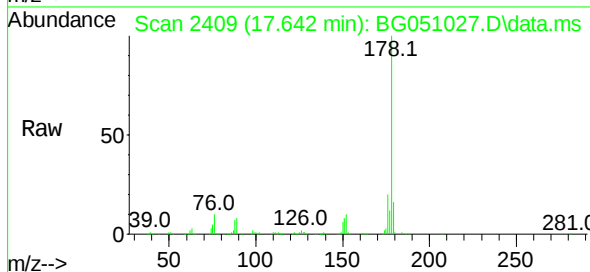
Tgt Ion:178 Resp: 281883

Ion Ratio Lower Upper

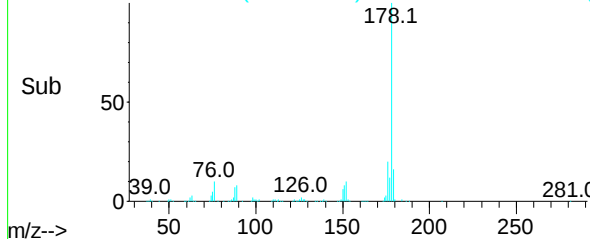
178 100

176 19.7 16.0 24.0

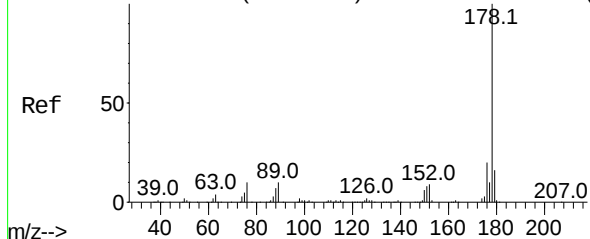
179 15.9 14.2 21.4



Abundance Scan 2409 (17.642 min): BG051027.D\data.ms (-2319) (-)



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



Anthracene

Concen: 20.81 ng

RT: 17.731 min Scan# 2424

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

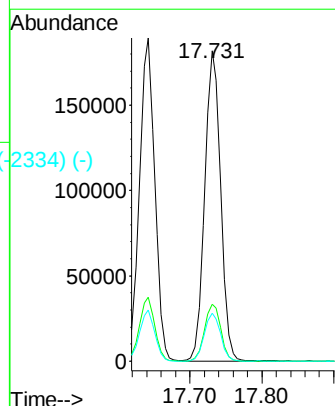
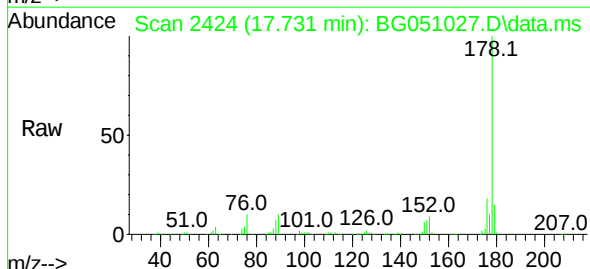
Tgt Ion:178 Resp: 278762

Ion Ratio Lower Upper

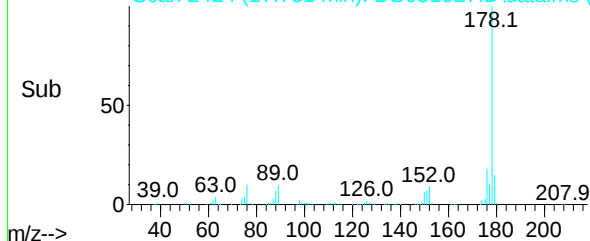
178 100

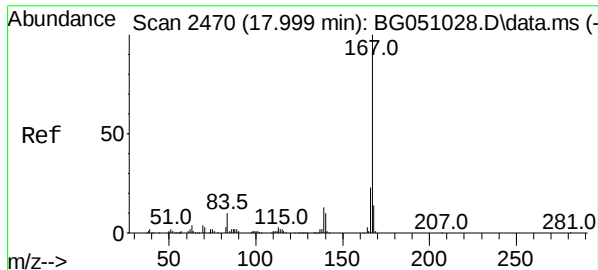
176 18.4 14.6 21.8

179 15.4 13.4 20.0



Abundance Scan 2424 (17.731 min): BG051027.D\data.ms (-2334) (-)

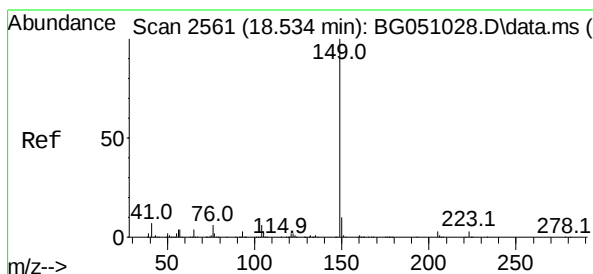
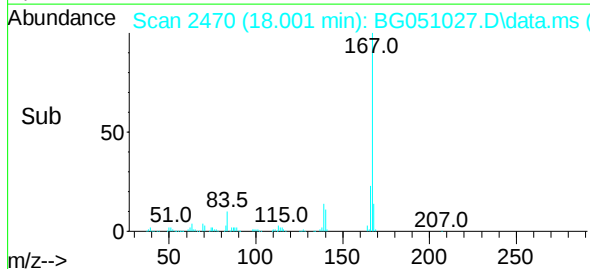
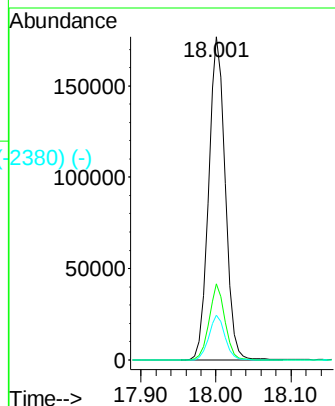
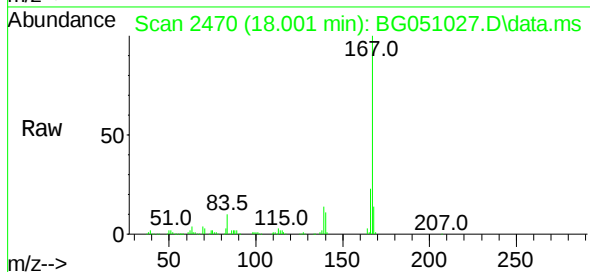




Carbazole
Concen: 20.51 ng
RT: 18.001 min Scan# 2472
Delta R.T. 0.001 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

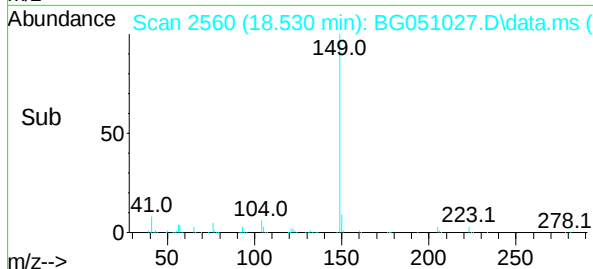
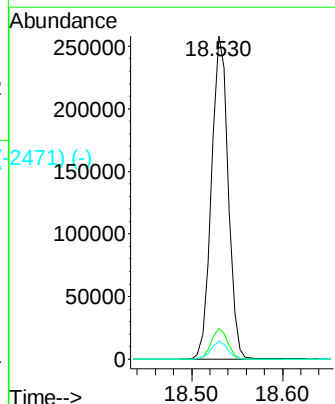
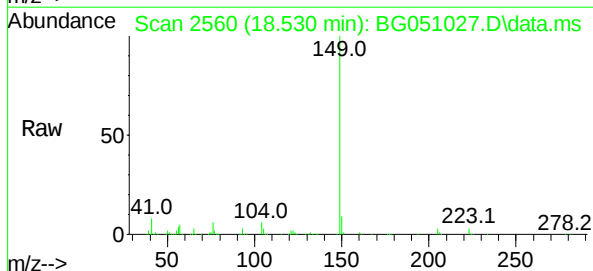
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 273842
Ion Ratio Lower Upper
167 100
166 23.5 17.4 26.2
139 13.8 10.7 16.1



Di-n-butylphthalate
Concen: 21.05 ng
RT: 18.530 min Scan# 2560
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Tgt Ion:149 Resp: 329943
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.5 6.6 10.0#



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

Fluoranthene

Concen: 20.08 ng

RT: 19.640 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:202 Resp: 332721

Ion Ratio Lower Upper

202 100

101 11.2 0.0 24.7

203 17.4 0.0 38.5

Abundance Scan 2749 (19.640 min): BG051027.D\data.ms

Ref 50

202.1

101.0

150.0

281.0

355.1

m/z-->

Abundance Scan 2749 (19.640 min): BG051027.D\data.ms (-2659) (-)

Ref 50

202.1

101.0

150.0

281.1

355.1

m/z-->

Abundance

19.640

200000

150000

100000

50000

0

Time-->

19.60 19.70

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. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:240 Resp: 217700

Ion Ratio Lower Upper

240 100

120 10.2 4.2 6.2#

236 27.3 21.8 32.6

Abundance Scan 3133 (21.896 min): BG051027.D\data.ms

Ref 50

240.2

118.0

194.0

281.0

341.0

m/z-->

Abundance Scan 3133 (21.896 min): BG051027.D\data.ms (-3044) (-)

Ref 50

240.2

118.0

193.9

281.0

355.1

m/z-->

Abundance

21.896

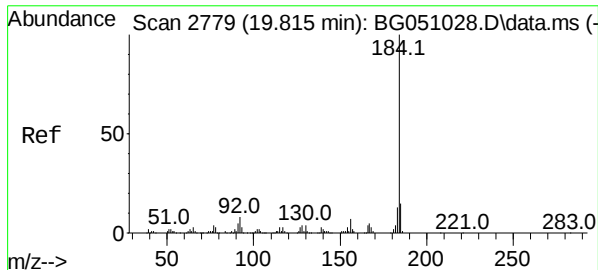
100000

50000

0

Time-->

21.80 21.90



Benzidine

Concen: 11.89 ng

RT: 19.816 min Scan# 2779

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

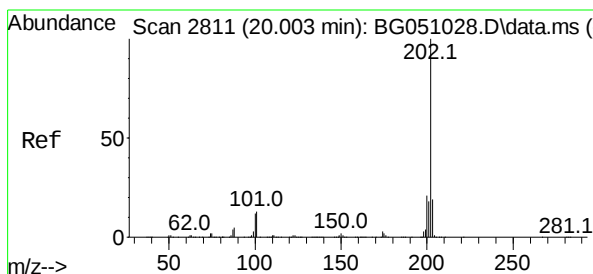
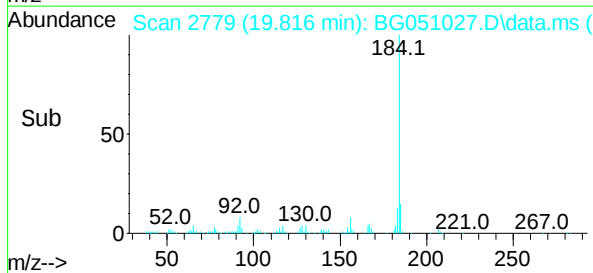
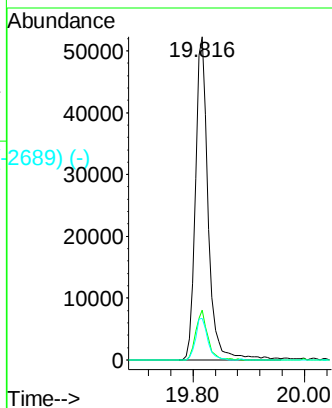
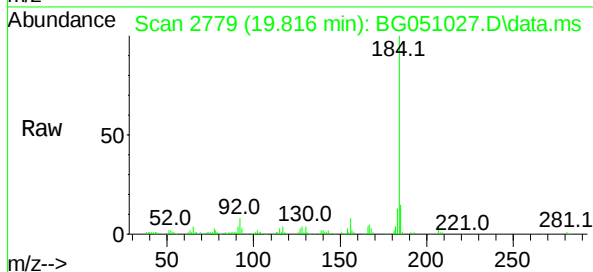
Tgt Ion:184 Resp: 83871

Ion Ratio Lower Upper

184 100

185 15.4 10.7 16.1

183 12.8 9.4 14.0



Pyrene

Concen: 21.75 ng

RT: 20.004 min Scan# 2811

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

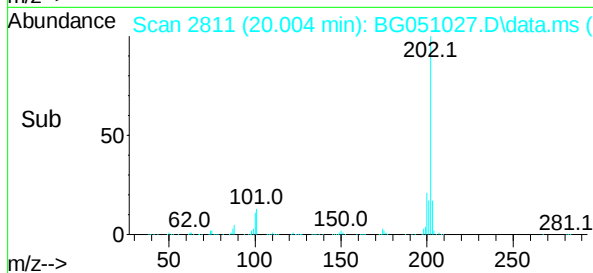
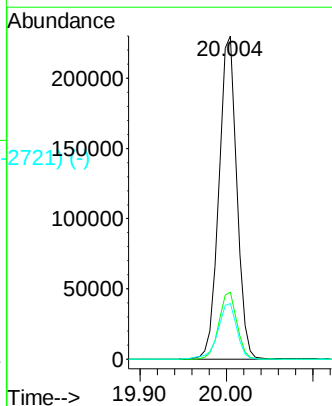
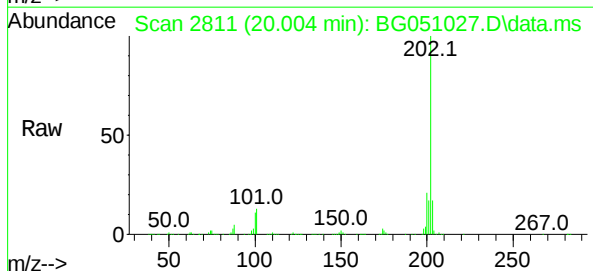
Tgt Ion:202 Resp: 335922

Ion Ratio Lower Upper

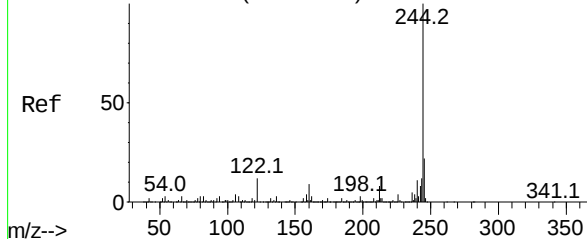
202 100

200 20.7 15.8 23.8

203 17.3 14.6 21.8



Abundance Scan 2842 (20.185 min): BG051028.D\data.ms (-2759) (-)



Terphenyl-d14

Concen: 44.44 ng

RT: 20.187 min Scan# 2842

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

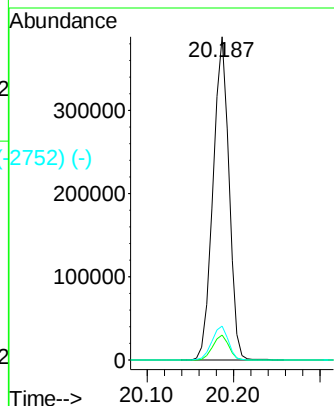
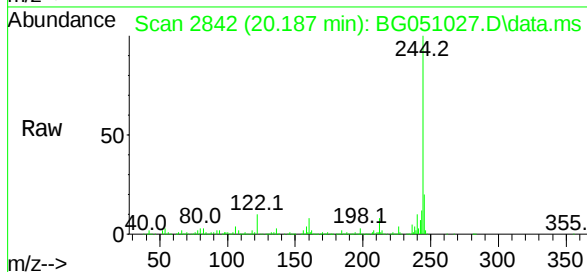
Tgt Ion:244 Resp: 496480

Ion Ratio Lower Upper

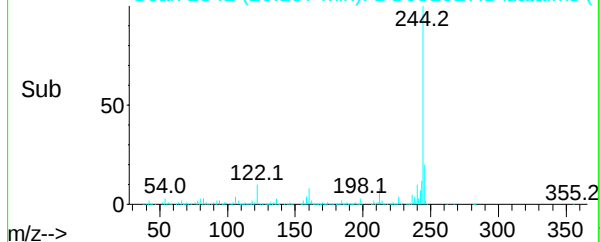
244 100

212 7.7 6.9 10.3

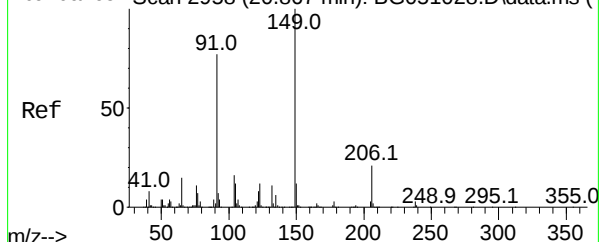
122 10.5 5.0 7.6#



Abundance Scan 2842 (20.187 min): BG051027.D\data.ms (-2752) (-)



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



Butylbenzylphthalate

Concen: 21.68 ng

RT: 20.868 min Scan# 2958

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

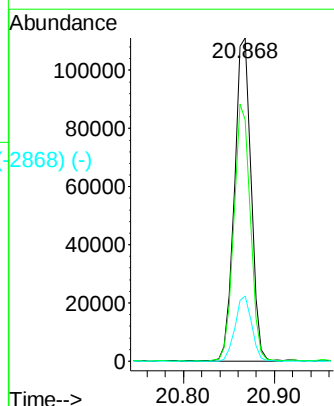
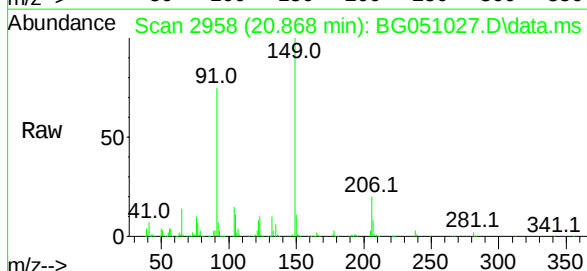
Tgt Ion:149 Resp: 141661

Ion Ratio Lower Upper

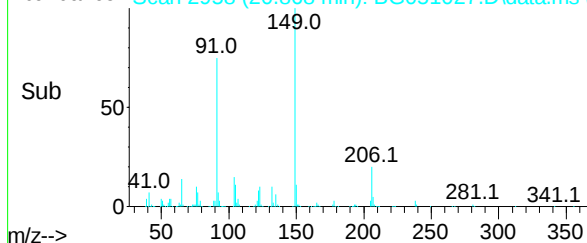
149 100

91 74.6 63.4 95.2

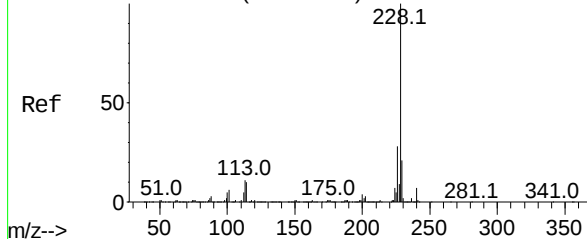
206 20.2 18.4 27.6



Abundance Scan 2958 (20.868 min): BG051027.D\data.ms (-2868) (-)



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



Benzo(a)anthracene

Concen: 21.13 ng

RT: 21.873 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

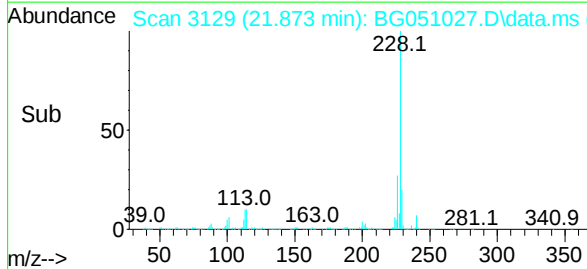
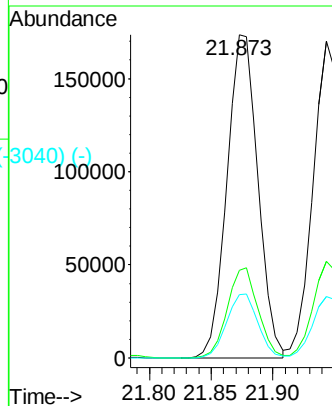
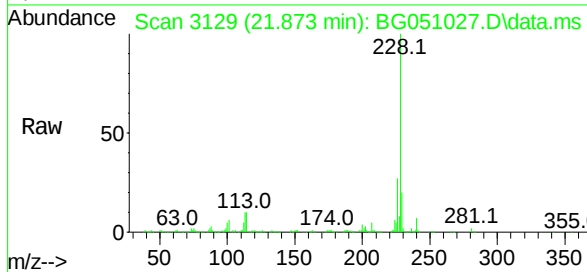
Tgt Ion:228 Resp: 304359

Ion Ratio Lower Upper

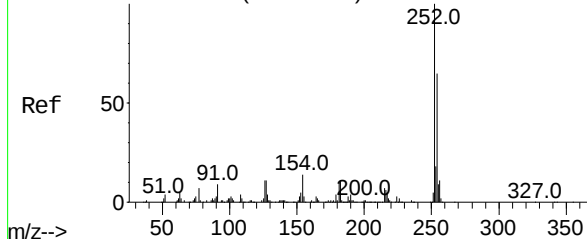
228 100

226 27.0 22.7 34.1

229 19.5 16.0 24.0



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



3,3'-Dichlorobenzidine

Concen: 28.91 ng

RT: 21.779 min Scan# 3113

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

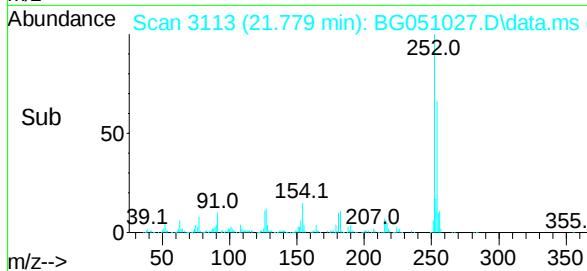
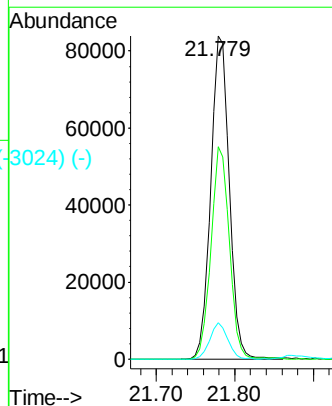
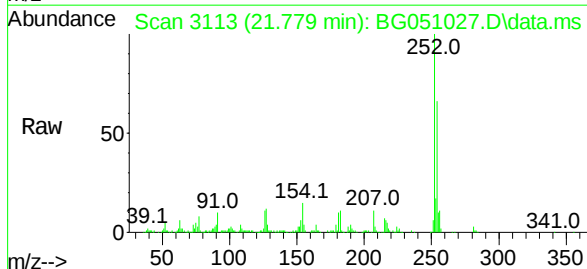
Tgt Ion:252 Resp: 138003

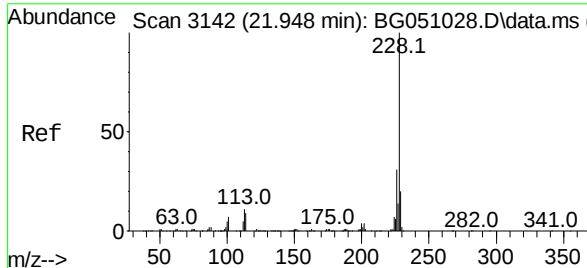
Ion Ratio Lower Upper

252 100

254 65.8 52.4 78.6

126 11.2 5.9 8.9#





#33 (-)

Chrysene

Concen: 21.18 ng

RT: 21.943 min Scan# 3141

Delta R.T. -0.004 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

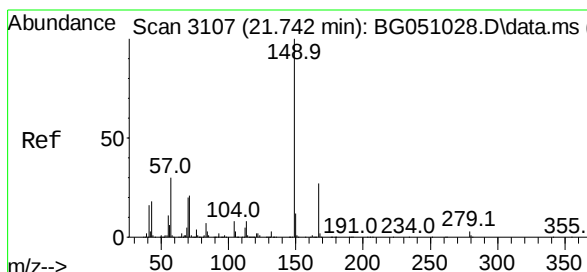
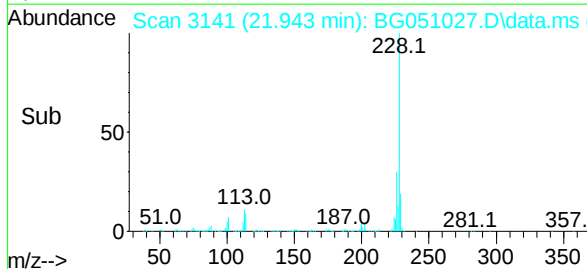
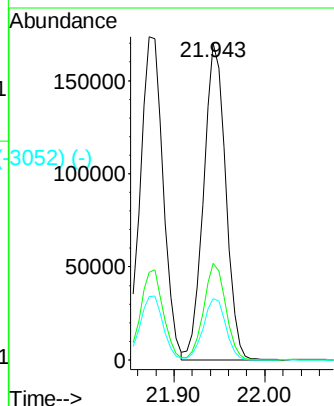
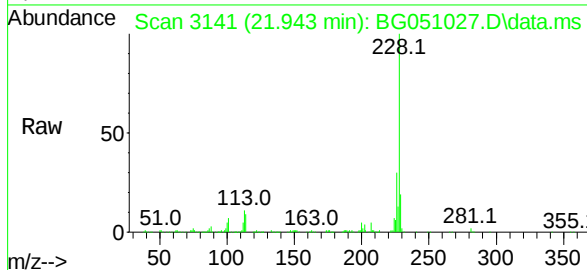
Tgt Ion:228 Resp: 286977

Ion Ratio Lower Upper

228 100

226 30.5 23.1 34.7

229 19.4 15.3 22.9



#34 (-)

Bis(2-ethylhexyl)phthalate

Concen: 21.60 ng

RT: 21.744 min Scan# 3107

Delta R.T. 0.001 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

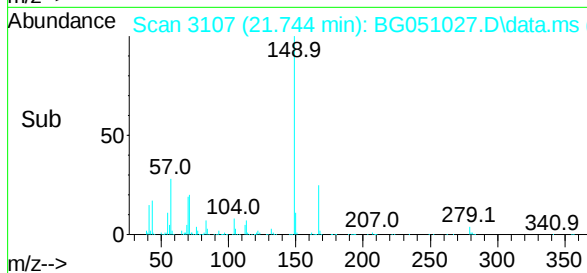
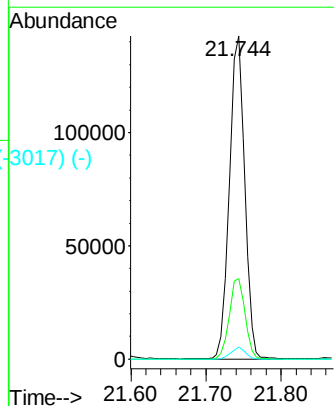
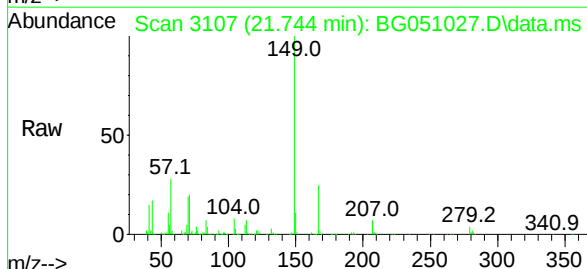
Tgt Ion:149 Resp: 200550

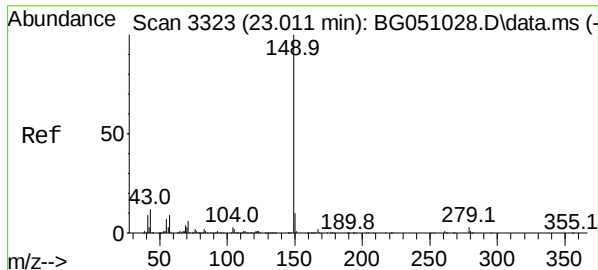
Ion Ratio Lower Upper

149 100

167 25.0 22.3 33.5

279 3.7 3.8 5.8#

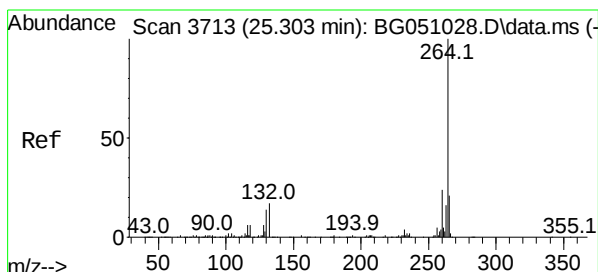
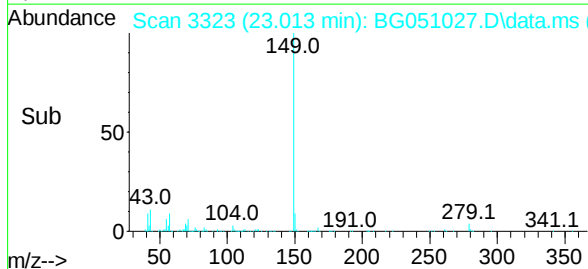
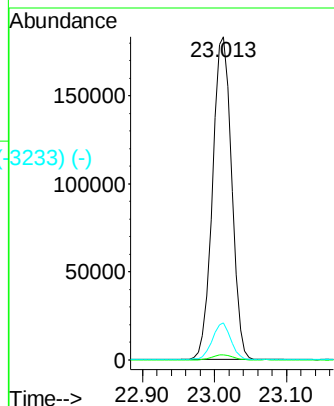
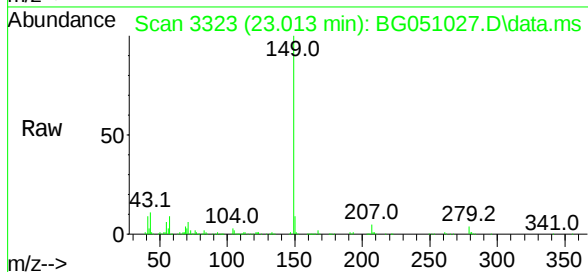




Di-n-octyl phthalate
 Concen: 21.77 ng
 RT: 23.013 min Scan# 3323
 Delta R.T. 0.001 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

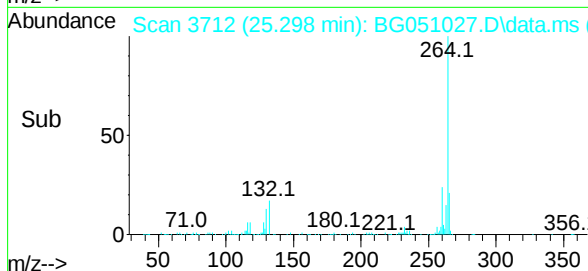
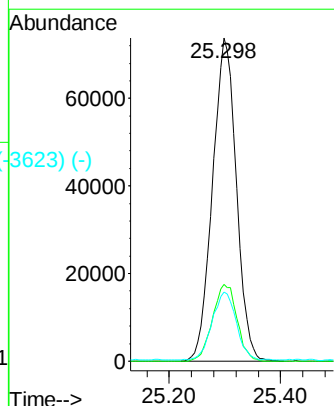
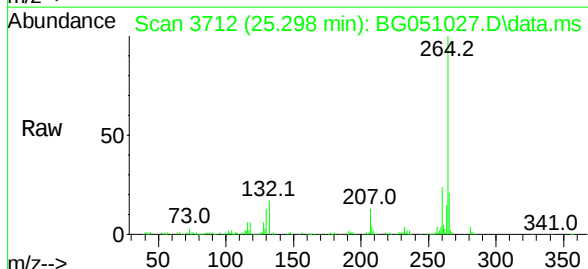
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tgt Ion:	149	Resp:	337018
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	11.1	8.6	12.8

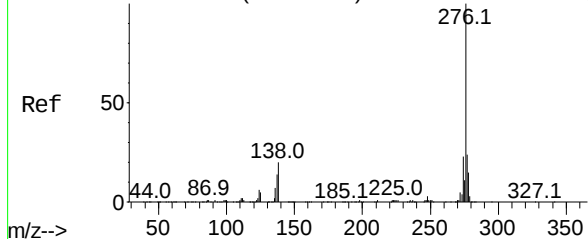


Perylene-d12
 Concen: 20.00 ng
 RT: 25.298 min Scan# 3712
 Delta R.T. -0.004 min
 Lab File: BG051027.D
 Acq: 13 Nov 2021 17:26

Tgt Ion:	264	Resp:	218753
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	16.9	25.3



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



Indeno(1,2,3-cd)pyrene
Concen: 20.60 ng
RT: 29.217 min Scan# 4387
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

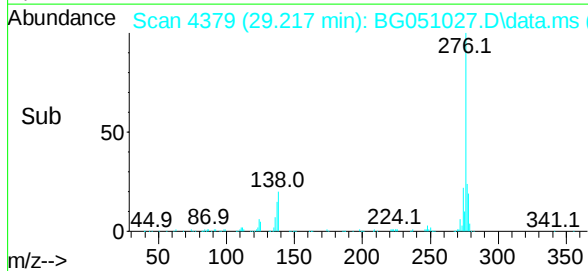
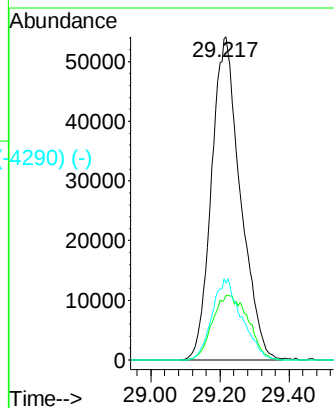
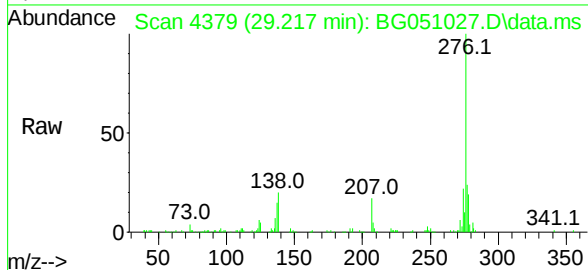
Tgt Ion:276 Resp: 313873

Ion Ratio Lower Upper

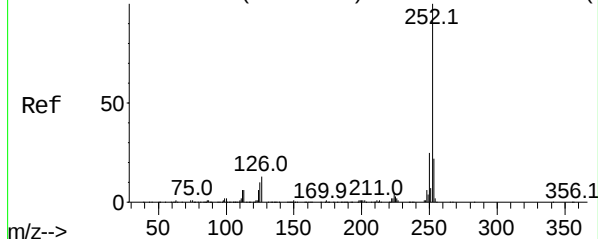
276 100

138 24.7 5.1 7.7#

277 25.7 19.8 29.6



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



Benzo(b)fluoranthene
Concen: 21.10 ng
RT: 24.211 min Scan# 3527
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

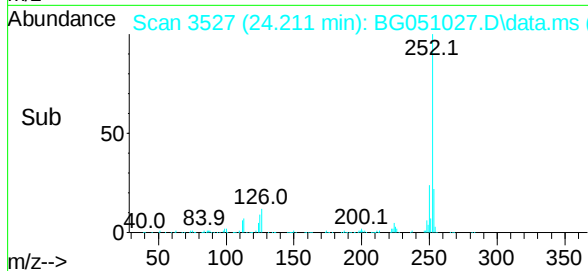
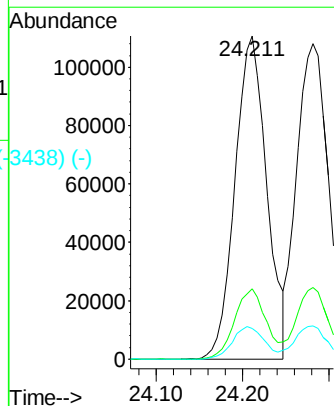
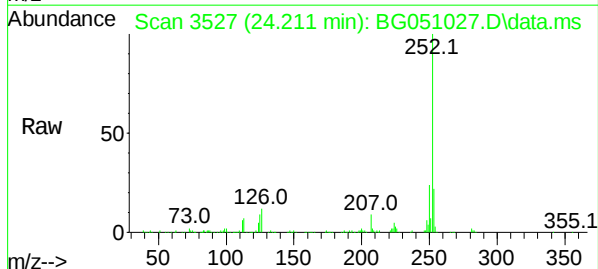
Tgt Ion:252 Resp: 282743

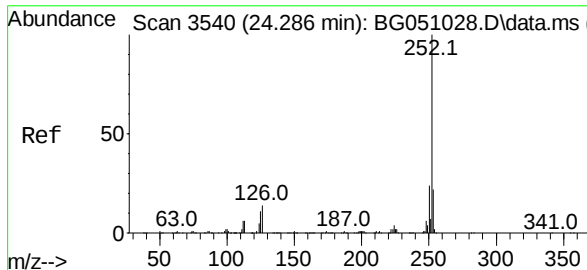
Ion Ratio Lower Upper

252 100

253 21.8 16.2 24.4

125 9.5 3.0 4.4#

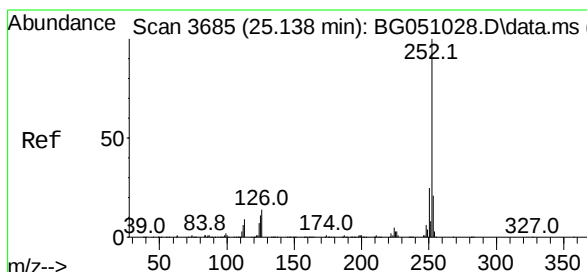
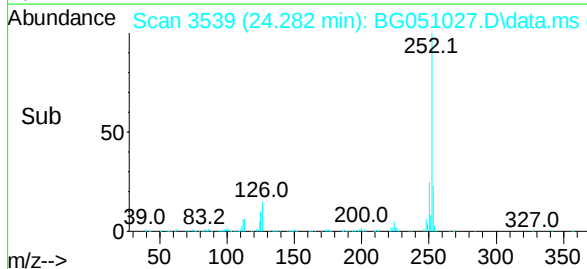
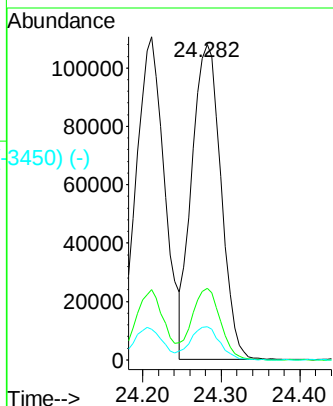
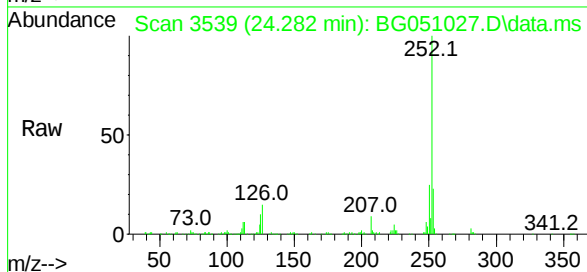




Benzo(k)fluoranthene
Concen: 21.03 ng
RT: 24.282 min Scan# 3539
Delta R.T. -0.004 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

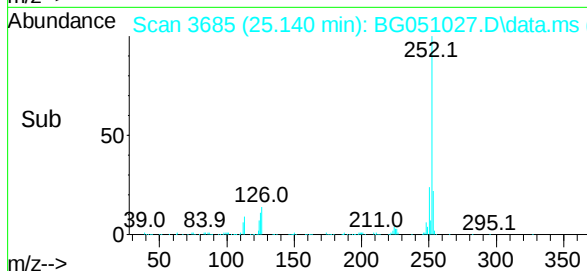
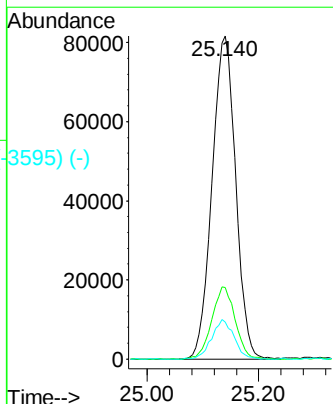
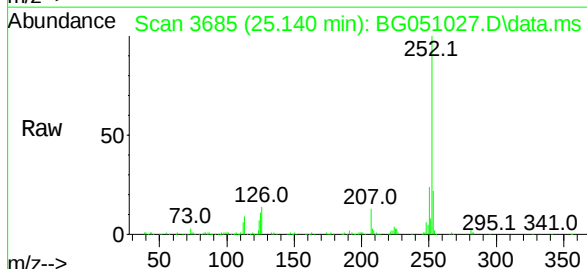
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 277109
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.5 3.1 4.7#



Benzo(a)pyrene
Concen: 21.14 ng
RT: 25.140 min Scan# 3685
Delta R.T. 0.001 min
Lab File: BG051027.D
Acq: 13 Nov 2021 17:26

Tgt Ion:252 Resp: 240777
Ion Ratio Lower Upper
252 100
253 22.1 16.6 25.0
125 11.4 3.5 5.3#



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

Dibenzo(a,h)anthracene

Concen: 20.55 ng

RT: 29.270 min Scan# 4391

Delta R.T. -0.016 min

Lab File: BG051027.D

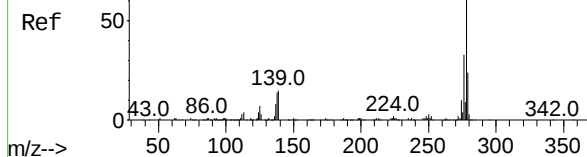
Acq: 13 Nov 2021 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



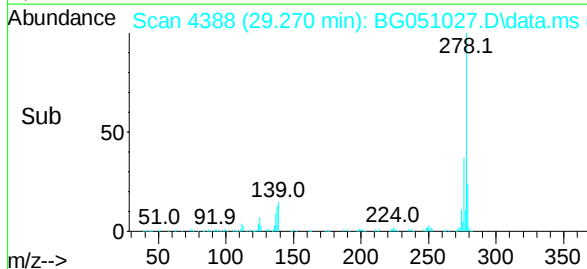
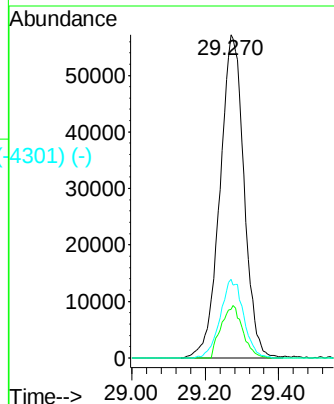
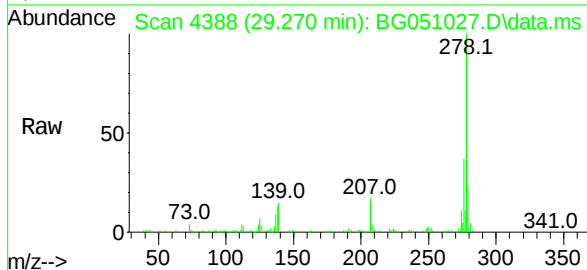
Tgt Ion:278 Resp: 259031

Ion Ratio Lower Upper

278 100

139 14.9 4.6 6.8#

279 24.4 17.9 26.9



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

Benzo(g,h,i)perylene

Concen: 20.58 ng

RT: 30.439 min Scan# 4587

Delta R.T. -0.010 min

Lab File: BG051027.D

Acq: 13 Nov 2021 17:26

Tgt Ion:276 Resp: 254051

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 20.0 7.0 10.6#

