

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053831.D
 Acq On : 6 Jun 2022 16:25
 Operator : CG/JU
 Sample : N3176-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEWARK-SPMS

Quant Time: Jun 07 04:19:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	26797	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	109951	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	80772	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	197122	20.000	ng	0.00
76) Chrysene-d12	21.737	240	198415	20.000	ng	0.00
86) Perylene-d12	25.004	264	208167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	124838	85.549	ng	0.00
7) Phenol-d6	7.242	99	167804	84.891	ng	0.00
23) Nitrobenzene-d5	9.251	82	101609	60.686	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	99104	101.079	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	256769	47.557	ng	0.00
79) Terphenyl-d14	20.062	244	473684	47.494	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	27950	39.612	ng	93
3) Pyridine	3.946	79	71339	41.712	ng	90
4) n-Nitrosodimethylamine	3.858	42	40939	53.014	ng	# 94
6) Aniline	7.412	93	68764	28.582	ng	99
8) 2-Chlorophenol	7.653	128	86094	57.635	ng	94
9) Benzaldehyde	7.224	77	53687	40.731	ng	# 78
10) Phenol	7.271	94	110692	54.193	ng	96
11) bis(2-Chloroethyl)ether	7.506	93	77885	48.479	ng	95
12) 1,3-Dichlorobenzene	7.982	146	95222	50.093	ng	91
13) 1,4-Dichlorobenzene	8.129	146	97112	50.235	ng	96
14) 1,2-Dichlorobenzene	8.447	146	92692	50.049	ng	96
15) Benzyl Alcohol	8.323	79	81868	55.332	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.623	45	124775	44.267	ng	99
17) 2-Methylphenol	8.529	107	74781	53.561	ng	91
18) Hexachloroethane	9.181	117	32249	50.418	ng	# 84
19) n-Nitroso-di-n-propyla...	8.893	70	66172	47.265	ng	94
20) 3+4-Methylphenols	8.852	107	102791	54.188	ng	95
22) Acetophenone	8.911	105	128255	47.239	ng	# 99
24) Nitrobenzene	9.293	77	93727	50.218	ng	# 89
25) Isophorone	9.821	82	183432	48.879	ng	96
26) 2-Nitrophenol	10.009	139	43049	69.662	ng	# 82
27) 2,4-Dimethylphenol	10.062	122	84550	62.671	ng	89
28) bis(2-Chloroethoxy)met...	10.297	93	107833	52.878	ng	96
29) 2,4-Dichlorophenol	10.544	162	98005	60.484	ng	94
30) 1,2,4-Trichlorobenzene	10.761	180	104473	50.942	ng	97
31) Naphthalene	10.955	128	262837	46.707	ng	100
33) 4-Chloroaniline	11.049	127	59088	25.327	ng	96
34) Hexachlorobutadiene	11.243	225	73930	50.883	ng	94
35) Caprolactam	11.819	113	30027	64.838	ng	92
36) 4-Chloro-3-methylphenol	12.166	107	98831	57.308	ng	91
37) 2-Methylnaphthalene	12.553	142	193341	47.361	ng	97
38) 1-Methylnaphthalene	12.771	142	186512	46.720	ng	100
40) 1,2,4,5-Tetrachloroben...	12.918	216	138105	50.918	ng	97
41) Hexachlorocyclopentadiene	12.900	237	147248	106.801	ng	98
43) 2,4,6-Trichlorophenol	13.153	196	94160	64.011	ng	98
44) 2,4,5-Trichlorophenol	13.217	196	102965	62.911	ng	95

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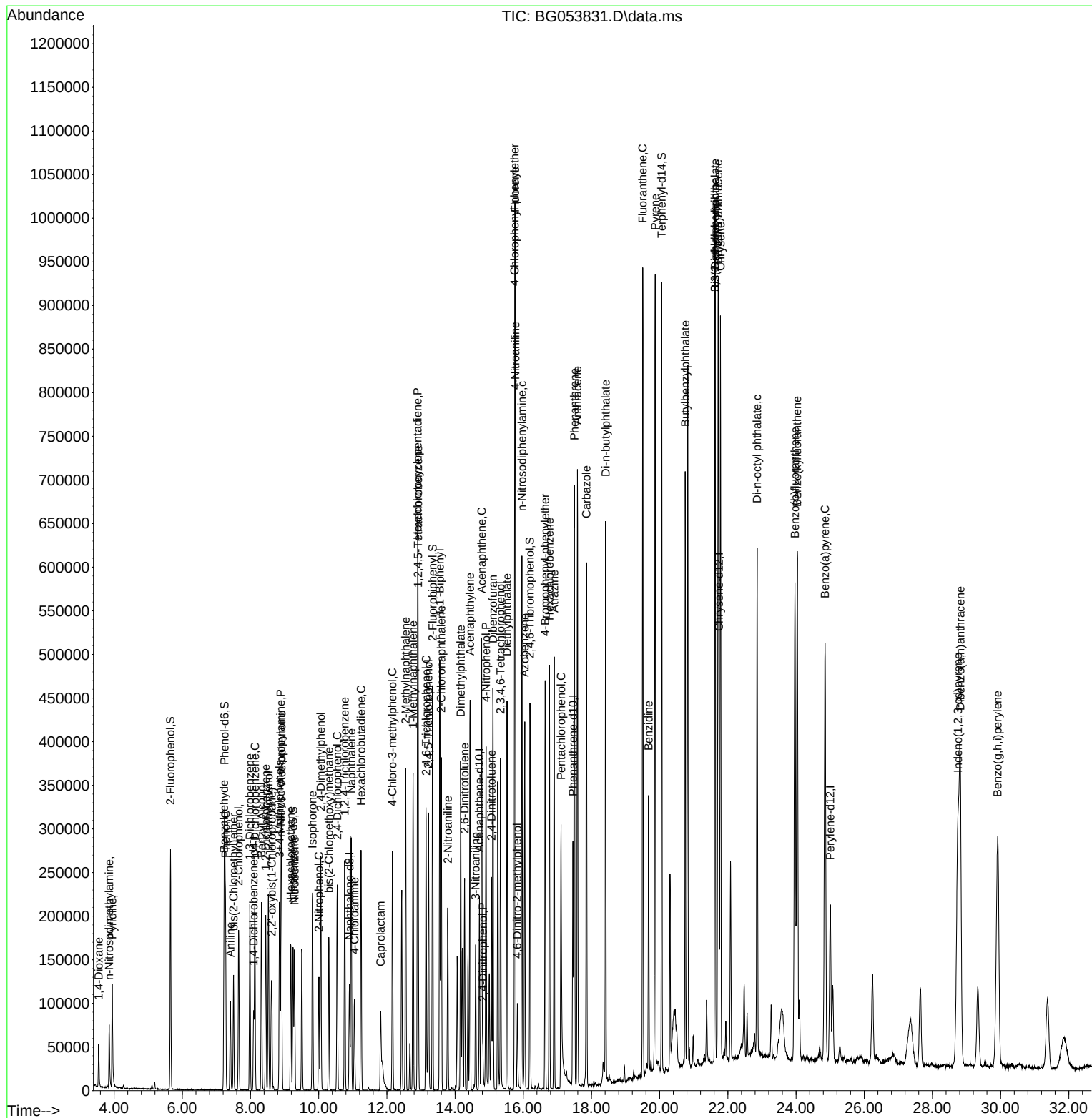
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.552	154	274204	47.633	ng	98
47) 2-Chloronaphthalene	13.593	162	216570	48.358	ng	97
48) 2-Nitroaniline	13.787	65	62214	53.913	ng	88
49) Acenaphthylene	14.439	152	355214	49.441	ng	100
50) Dimethylphthalate	14.163	163	274526	46.378	ng	98
51) 2,6-Dinitrotoluene	14.281	165	58474	54.525	ng	# 80
52) Acenaphthene	14.780	154	210547	46.126	ng	98
53) 3-Nitroaniline	14.604	138	42513	37.755	ng	91
54) 2,4-Dinitrophenol	14.816	184	17856	36.552	ng	# 72
55) Dibenzofuran	15.109	168	343046	47.144	ng	95
56) 4-Nitrophenol	14.910	139	100338	104.782	ng	# 85
57) 2,4-Dinitrotoluene	15.068	165	81301	55.520	ng	87
58) Fluorene	15.761	166	277753	46.101	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.333	232	97367	54.368	ng	# 94
60) Diethylphthalate	15.526	149	277049	46.214	ng	97
61) 4-Chlorophenyl-phenyle...	15.750	204	159723	49.175	ng	93
62) 4-Nitroaniline	15.767	138	61213	49.173	ng	# 76
63) Azobenzene	16.043	77	244128	43.521	ng	93
65) 4,6-Dinitro-2-methylph...	15.826	198	29298	39.889	ng	88
66) n-Nitrosodiphenylamine	15.961	169	256401	48.915	ng	96
67) 4-Bromophenyl-phenylether	16.643	248	113192	52.850	ng	96
68) Hexachlorobenzene	16.766	284	122128	51.156	ng	95
69) Atrazine	16.907	200	110005	53.600	ng	94
70) Pentachlorophenol	17.107	266	98339	65.679	ng	95
71) Phenanthrene	17.501	178	490104	47.236	ng	97
72) Anthracene	17.589	178	493289	48.578	ng	99
73) Carbazole	17.853	167	438023	47.787	ng	99
74) Di-n-butylphthalate	18.417	149	499394	47.379	ng	# 98
75) Fluoranthene	19.504	202	624362	46.395	ng	96
77) Benzidine	19.675	184	205149	42.283	ng	99
78) Pyrene	19.868	202	627381	49.720	ng	98
80) Butylbenzylphthalate	20.750	149	214882	52.216	ng	94
81) Benzo(a)anthracene	21.713	228	636762	48.340	ng	98
82) 3,3'-Dichlorobenzidine	21.625	252	117501	31.648	ng	97
83) Chrysene	21.784	228	589405	47.404	ng	97
84) Bis(2-ethylhexyl)phtha...	21.625	149	316982	53.565	ng	95
85) Di-n-octyl phthalate	22.859	149	544297	55.308	ng	98
87) Indeno(1,2,3-cd)pyrene	28.746	276	728286	47.465	ng	# 98
88) Benzo(b)fluoranthene	23.970	252	634589	49.103	ng	99
89) Benzo(k)fluoranthene	24.034	252	623364	48.798	ng	98
90) Benzo(a)pyrene	24.851	252	619576	56.687	ng	# 98
91) Dibenzo(a,h)anthracene	28.817	278	623968	49.212	ng	98
92) Benzo(g,h,i)perylene	29.910	276	629009	50.329	ng	95

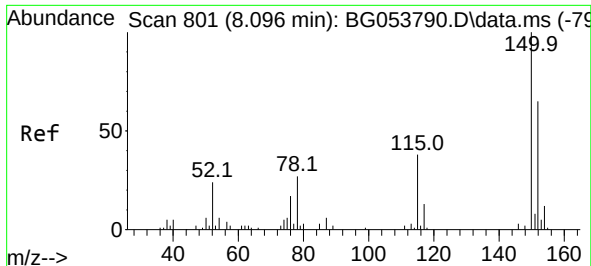
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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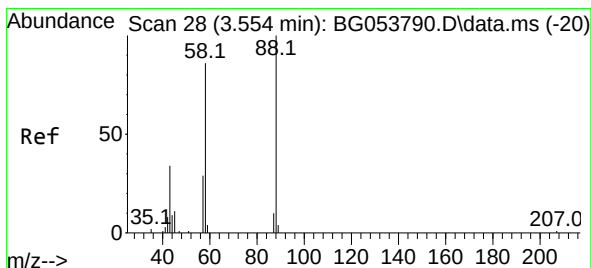
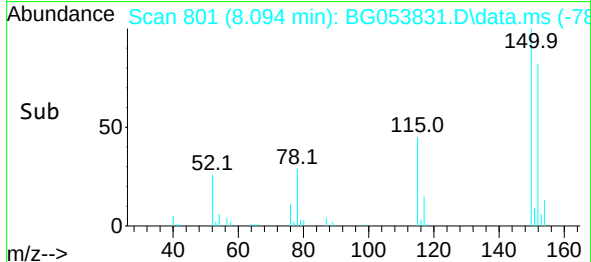
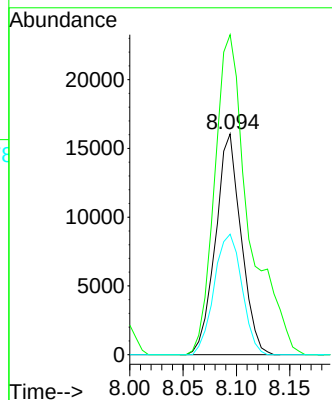
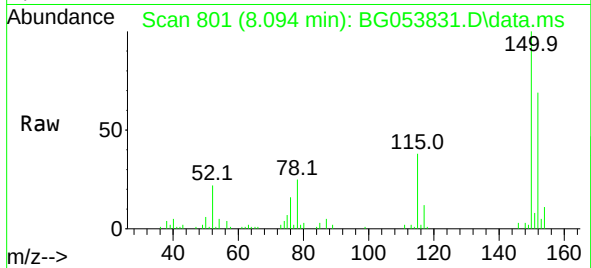




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

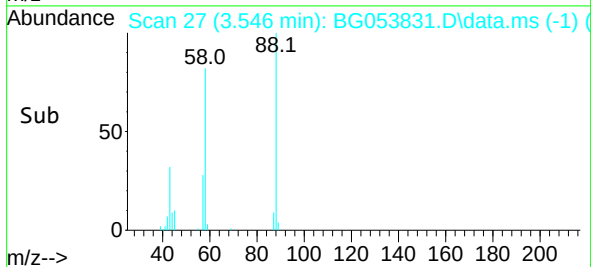
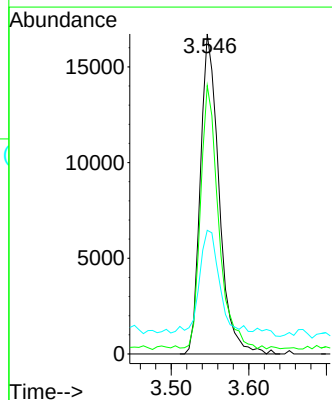
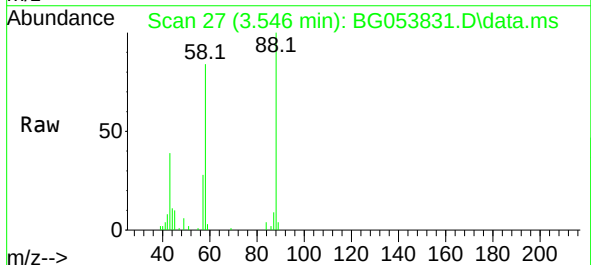
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BNA_G
ClientSampleId :
NEWARK-SPMS

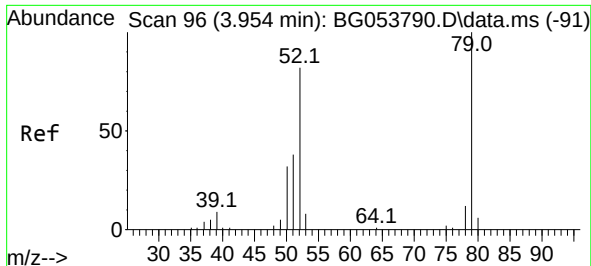
Tgt Ion:152 Resp: 26797
Ion Ratio Lower Upper
152 100
150 145.0 131.6 197.4
115 54.5 50.9 76.3



#2
1,4-Dioxane
Concen: 39.612 ng
RT: 3.546 min Scan# 27
Delta R.T. -0.008 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion: 88 Resp: 27950
Ion Ratio Lower Upper
88 100
58 79.6 59.2 88.8
43 34.7 24.3 36.5





#3

Pyridine

Concen: 41.712 ng

RT: 3.946 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

Instrument :

BNA_G

ClientSampleId :

NEWARK-SPMS

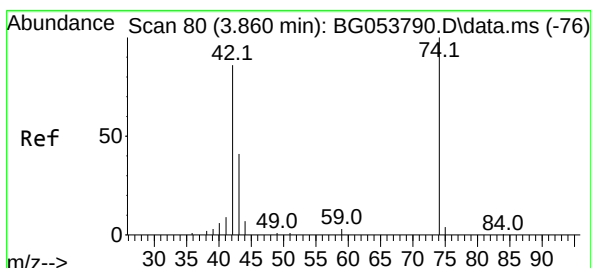
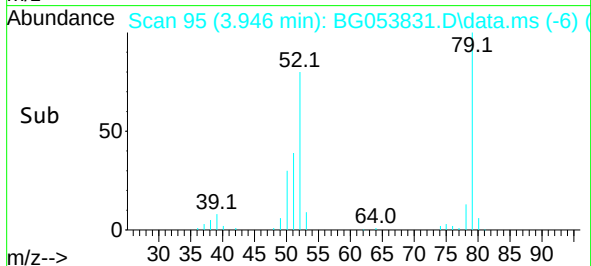
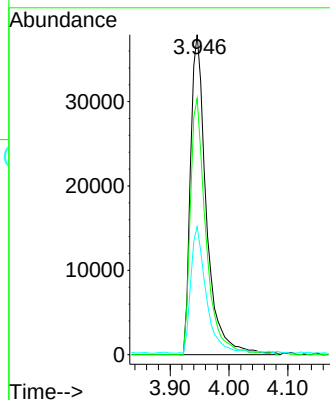
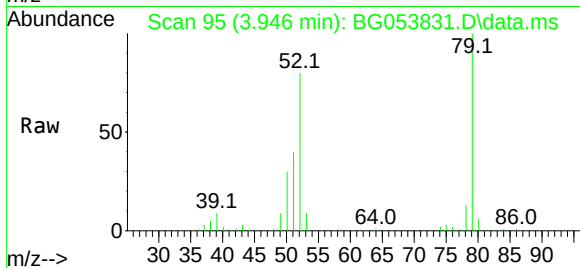
Tgt Ion: 79 Resp: 71339

Ion Ratio Lower Upper

79 100

52 80.1 54.6 81.8

51 40.0 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 53.014 ng

RT: 3.858 min Scan# 80

Delta R.T. -0.002 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

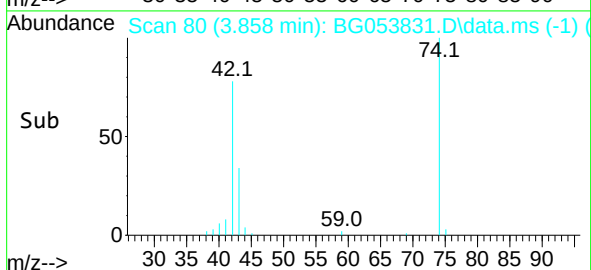
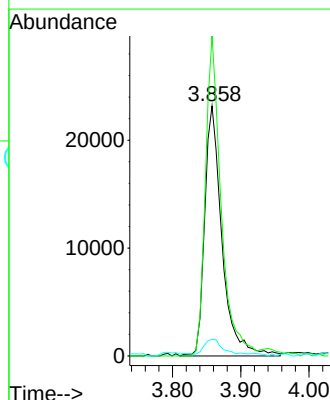
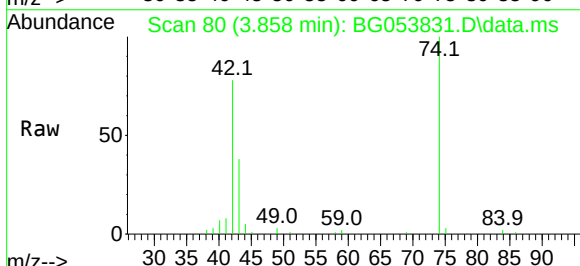
Tgt Ion: 42 Resp: 40939

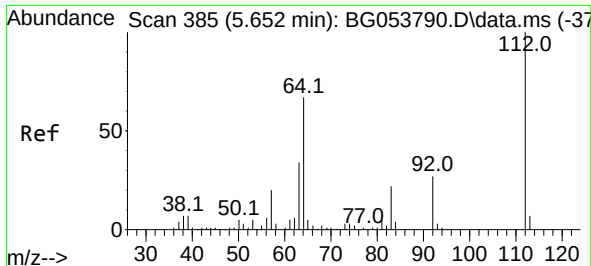
Ion Ratio Lower Upper

42 100

74 128.0 97.0 145.4

44 6.7 7.0 10.4

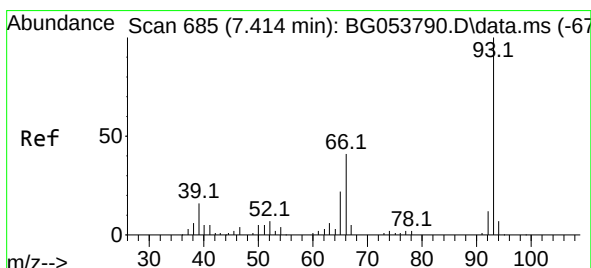
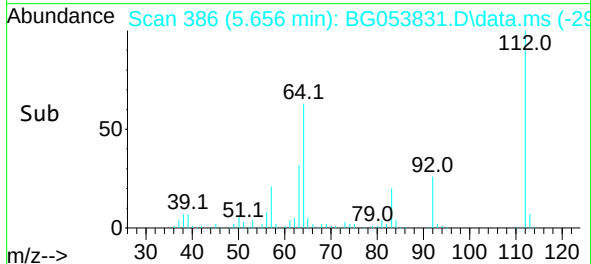
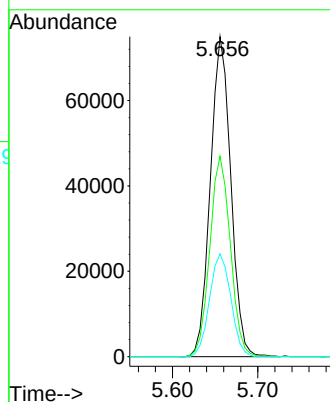
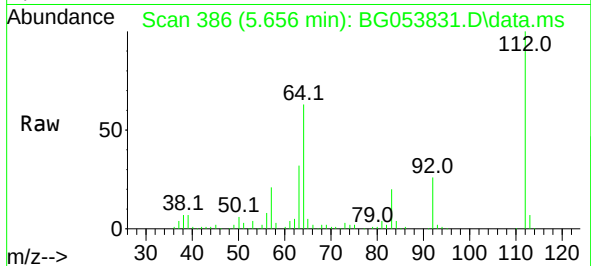




#5
2-Fluorophenol
Concen: 85.549 ng
RT: 5.656 min Scan# 385
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

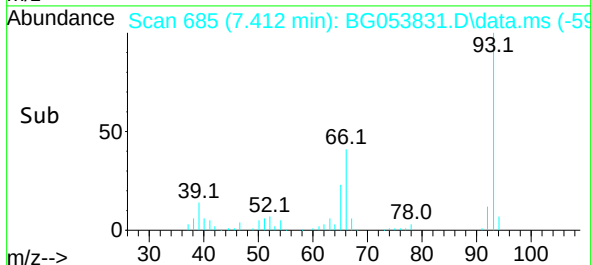
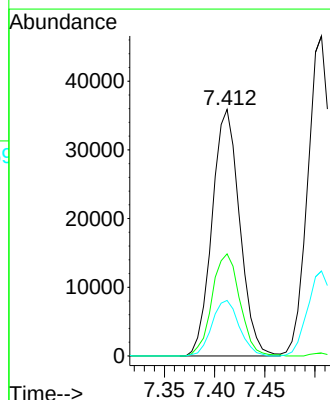
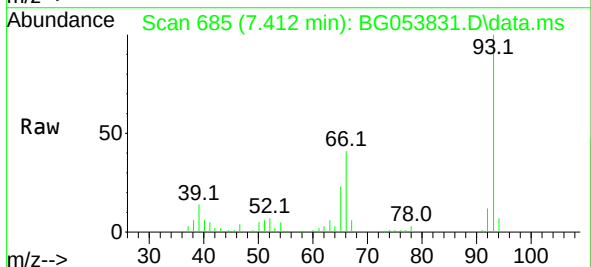
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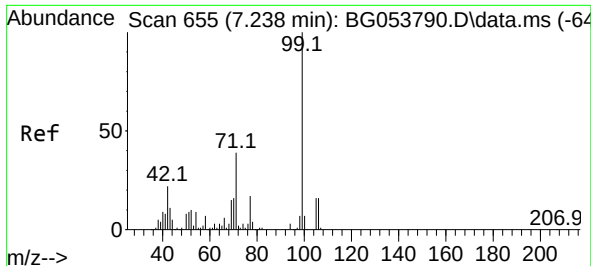
Tgt Ion:112 Resp: 124838
Ion Ratio Lower Upper
112 100
64 62.6 55.1 82.7
63 32.1 30.4 45.6



#6
Aniline
Concen: 28.582 ng
RT: 7.412 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion: 93 Resp: 68764
Ion Ratio Lower Upper
93 100
66 41.4 32.9 49.3
65 22.5 17.8 26.8

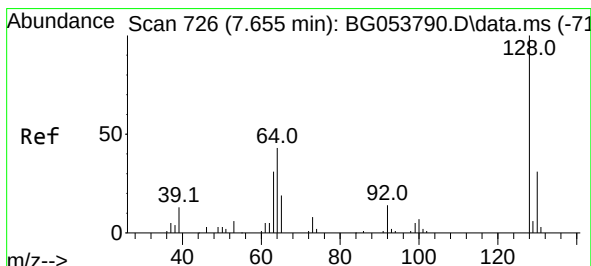
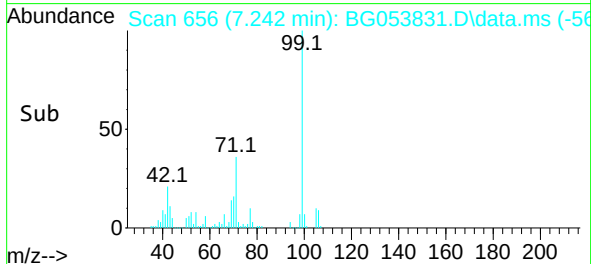
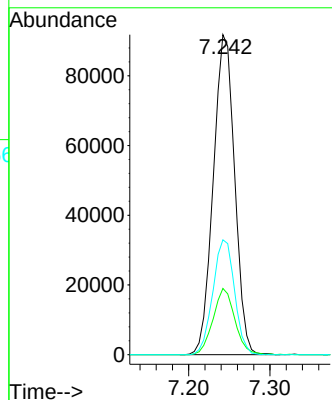
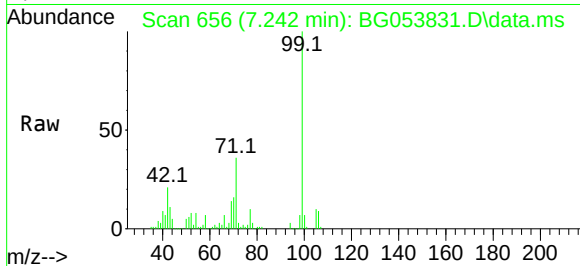




#7
Phenol-d6
Concen: 84.891 ng
RT: 7.242 min Scan# 655
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

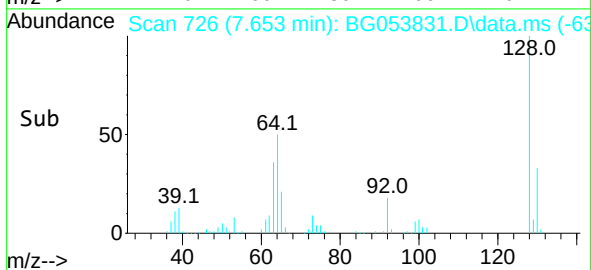
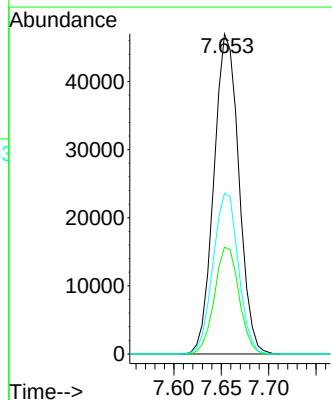
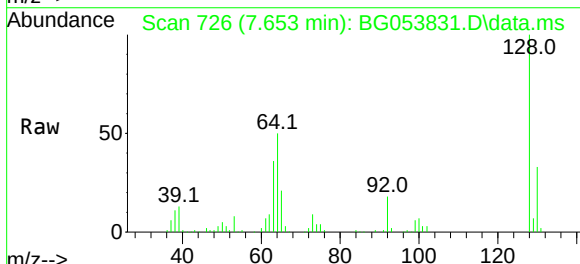
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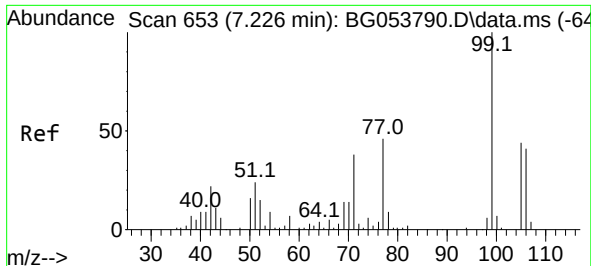
Tgt Ion: 99 Resp: 167804
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 35.9 33.8 50.8



#8
2-Chlorophenol
Concen: 57.635 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion: 128 Resp: 86094
Ion Ratio Lower Upper
128 100
130 33.3 10.5 50.5
64 50.3 35.1 75.1

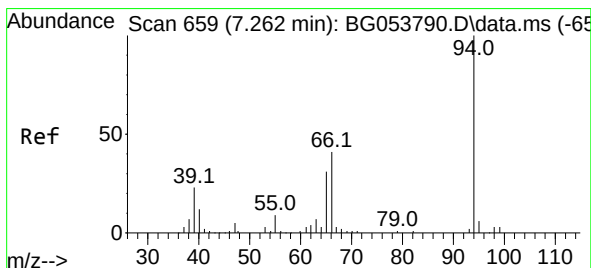
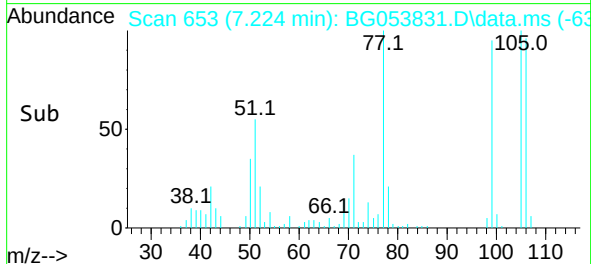
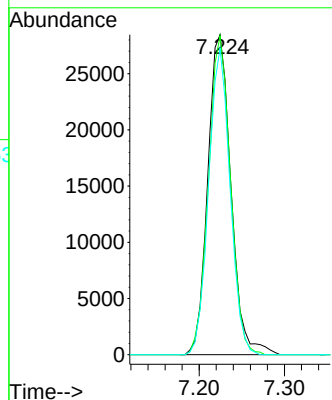
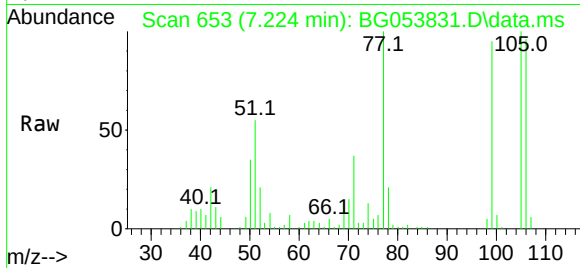




#9
Benzaldehyde
Concen: 40.731 ng
RT: 7.224 min Scan# 611
Delta R.T. -0.002 min
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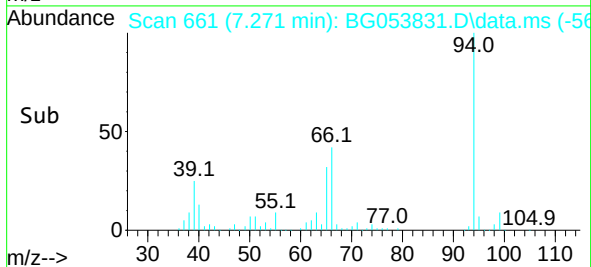
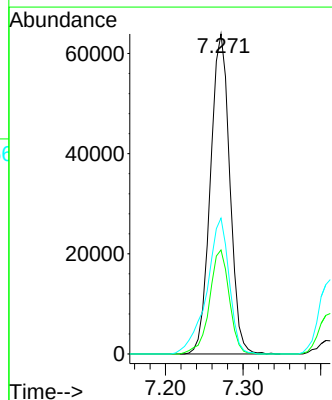
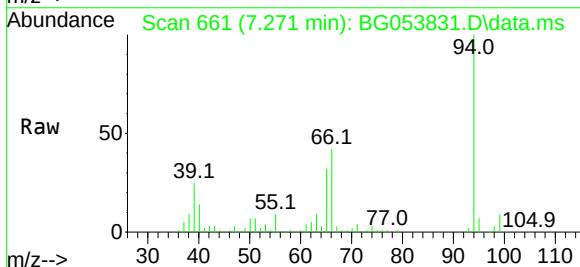
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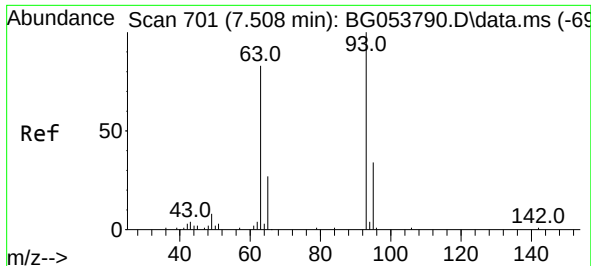
Tgt Ion: 77 Resp: 53687
Ion Ratio Lower Upper
77 100
105 99.6 59.6 99.6#
106 95.7 56.8 96.8



#10
Phenol
Concen: 54.193 ng
RT: 7.271 min Scan# 661
Delta R.T. 0.010 min
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Tgt Ion: 94 Resp: 110692
Ion Ratio Lower Upper
94 100
65 32.5 14.8 54.8
66 42.5 25.2 65.2

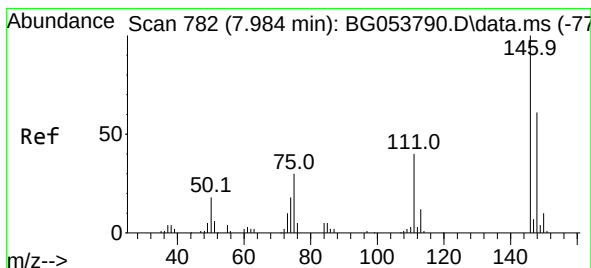
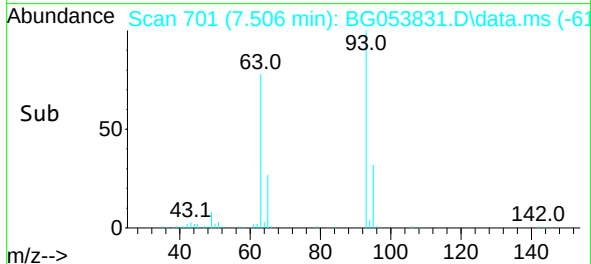
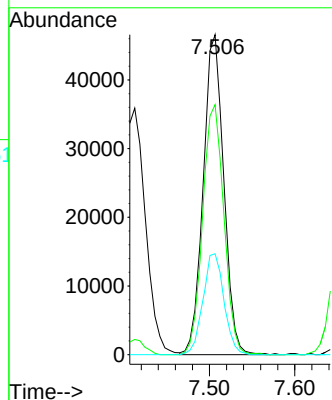
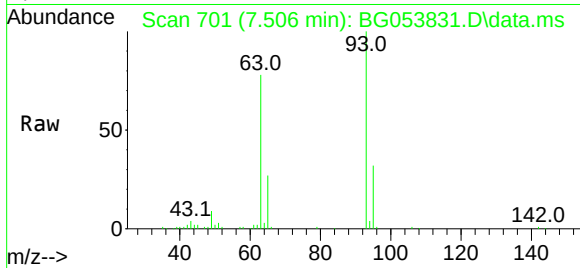




#11
bis(2-Chloroethyl)ether
Concen: 48.479 ng
RT: 7.506 min Scan# 701
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

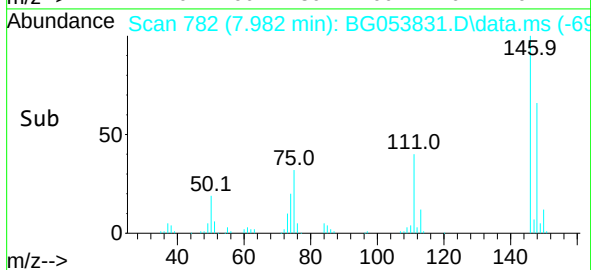
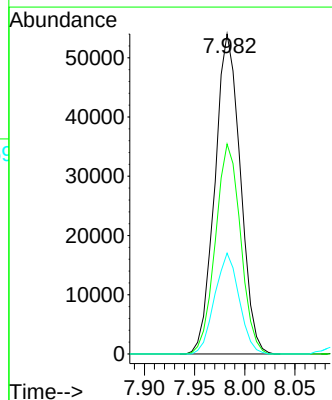
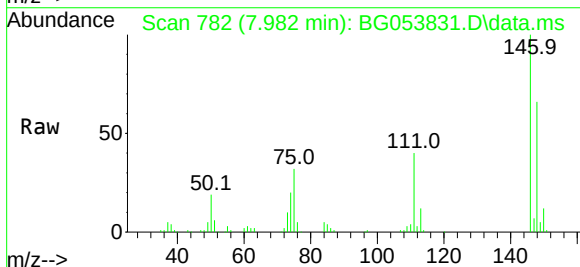
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

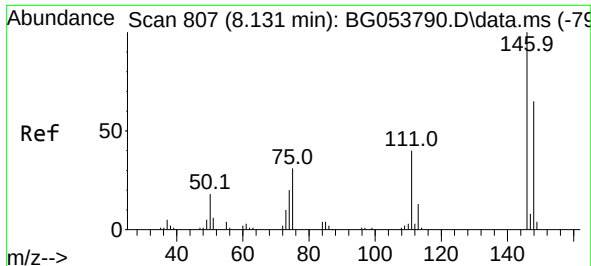
Tgt Ion: 93 Resp: 77885
Ion Ratio Lower Upper
93 100
63 78.2 63.6 103.6
95 31.5 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 50.093 ng
RT: 7.982 min Scan# 782
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:146 Resp: 95222
Ion Ratio Lower Upper
146 100
148 65.6 46.1 69.1
75 31.5 27.6 41.4

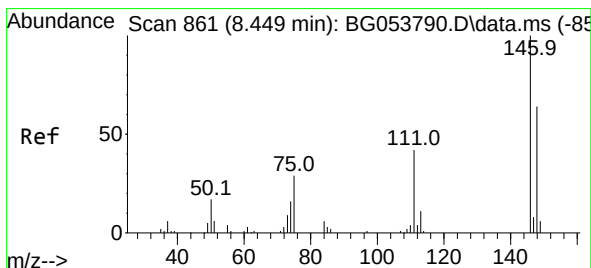
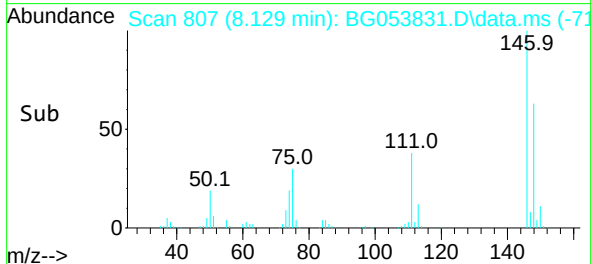
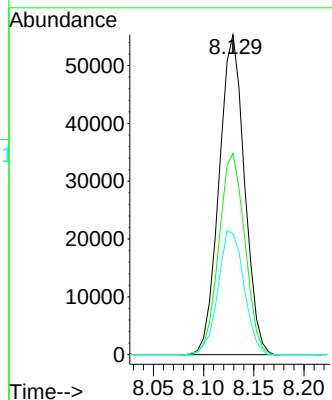
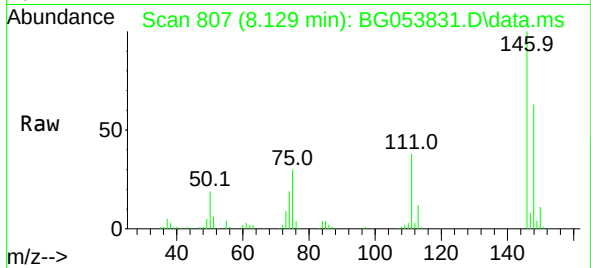




#13
1,4-Dichlorobenzene
Concen: 50.235 ng
RT: 8.129 min Scan# 807
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

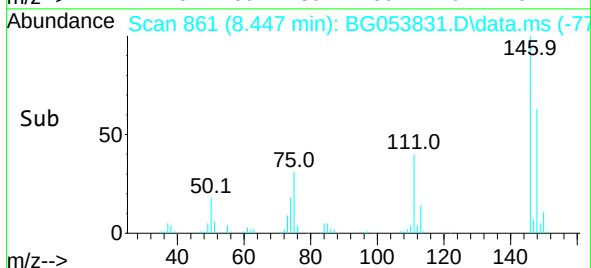
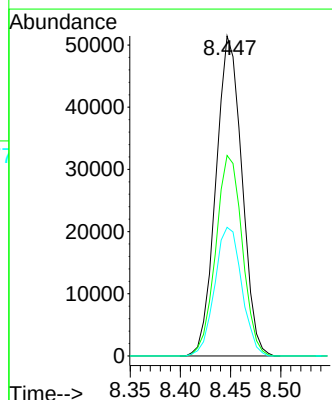
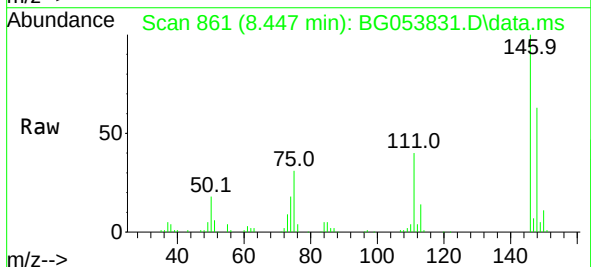
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

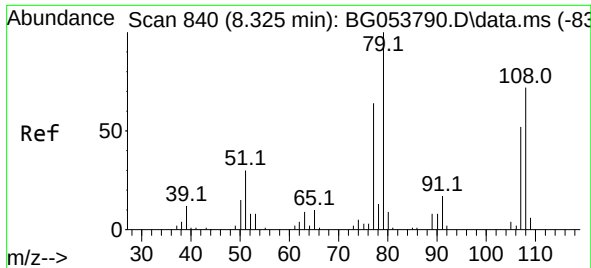
Tgt Ion:146 Resp: 97112
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 37.8 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 50.049 ng
RT: 8.447 min Scan# 861
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:146 Resp: 92692
Ion Ratio Lower Upper
146 100
148 62.7 52.6 78.8
111 40.2 34.5 51.7

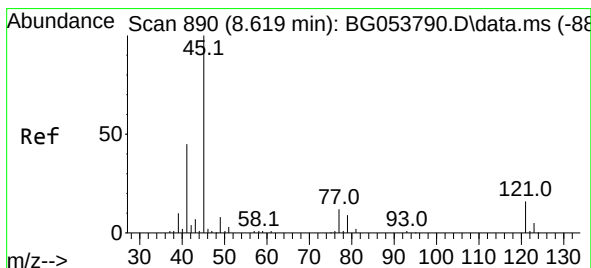
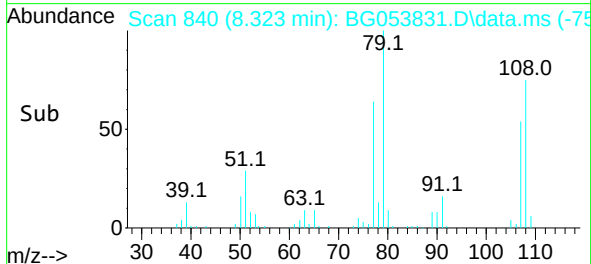
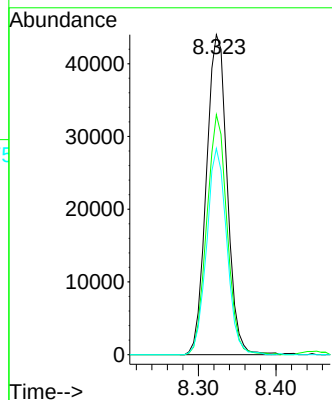
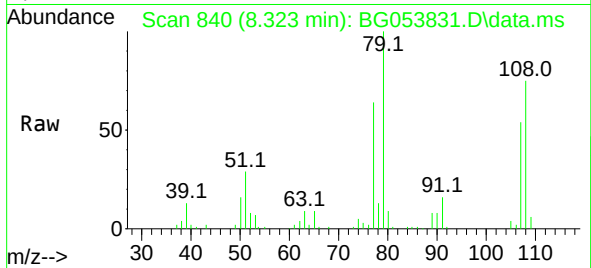




#15
Benzyl Alcohol
Concen: 55.332 ng
RT: 8.323 min Scan# 840
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

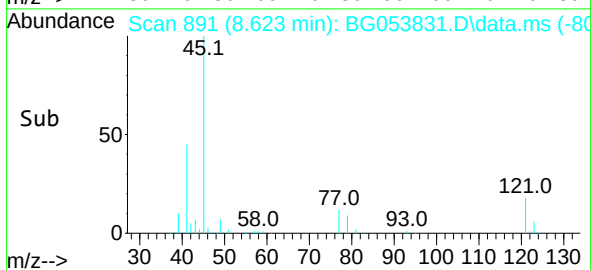
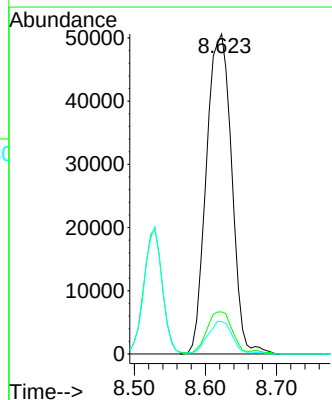
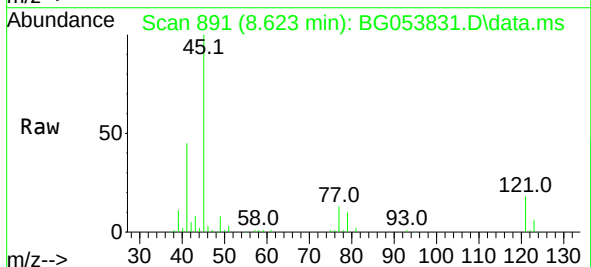
Instrument :
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ClientSampleId :
NEWARK-SPMS

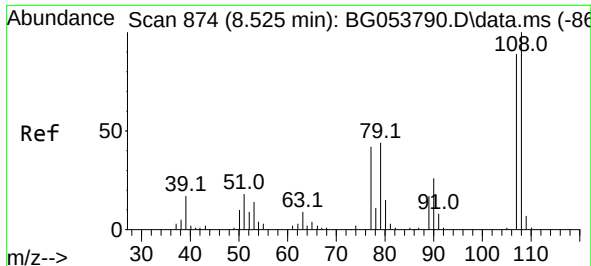
Tgt Ion: 79 Resp: 81868
Ion Ratio Lower Upper
79 100
108 75.0 53.7 80.5
77 64.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.267 ng
RT: 8.623 min Scan# 891
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion: 45 Resp: 124775
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.7
79 10.1 0.0 29.7

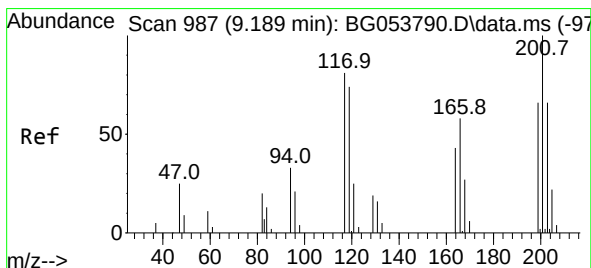
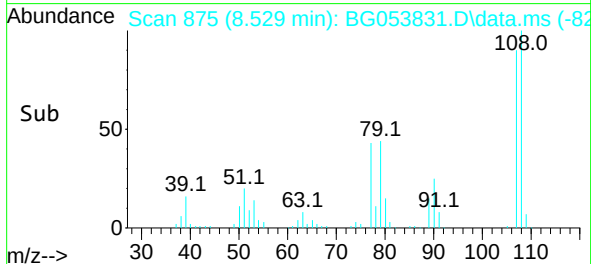
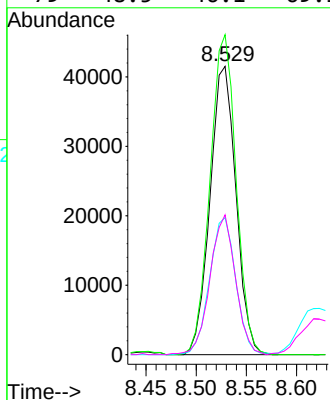
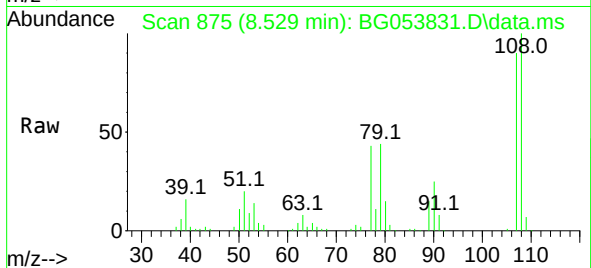




#17
2-Methylphenol
Concen: 53.561 ng
RT: 8.529 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

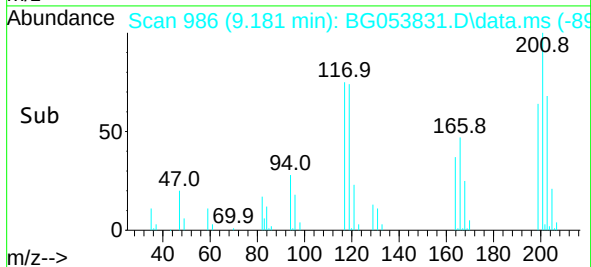
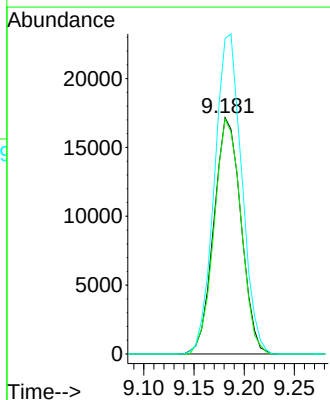
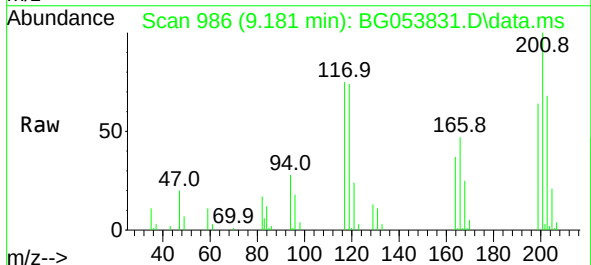
Instrument :
BNA_G
ClientSampleId :
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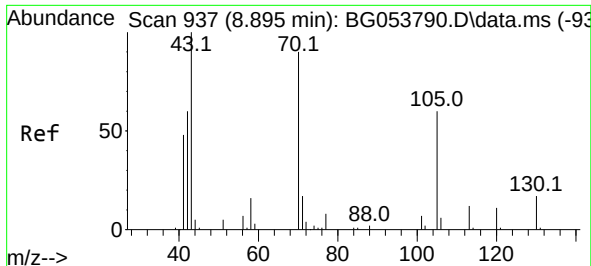
Tgt Ion:107 Resp: 74781
Ion Ratio Lower Upper
107 100
108 111.0 85.4 128.0
77 47.6 46.2 69.2
79 48.5 46.1 69.1



#18
Hexachloroethane
Concen: 50.418 ng
RT: 9.181 min Scan# 986
Delta R.T. -0.008 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:117 Resp: 32249
Ion Ratio Lower Upper
117 100
119 99.4 75.0 112.6
201 137.1 89.0 133.6#

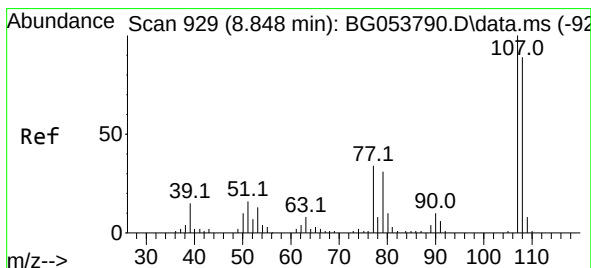
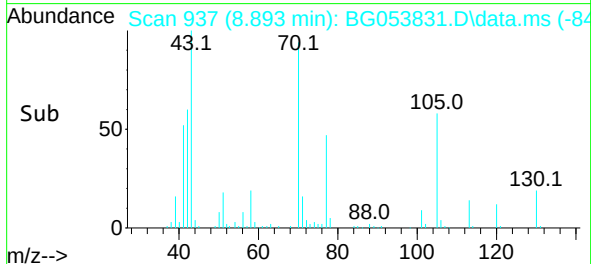
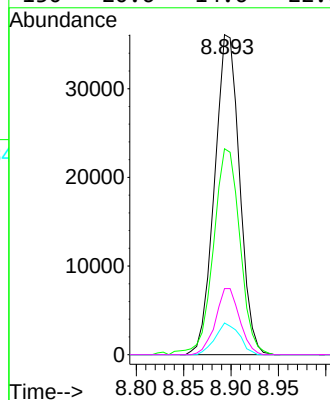
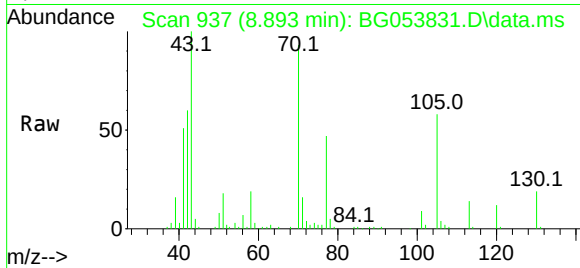




#19
n-Nitroso-di-n-propylamine
Concen: 47.265 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

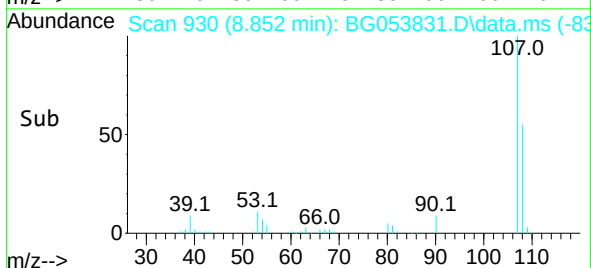
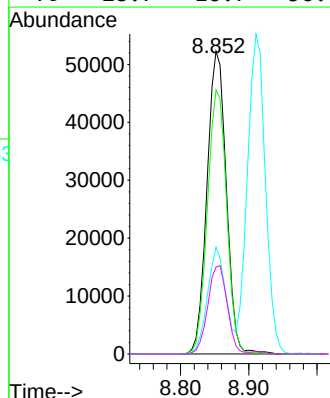
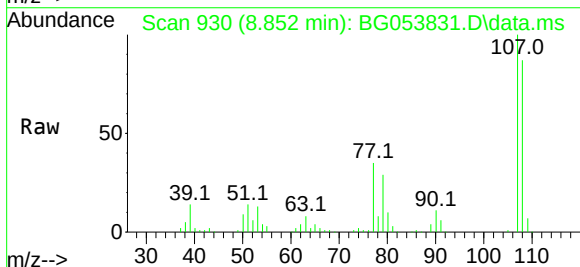
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

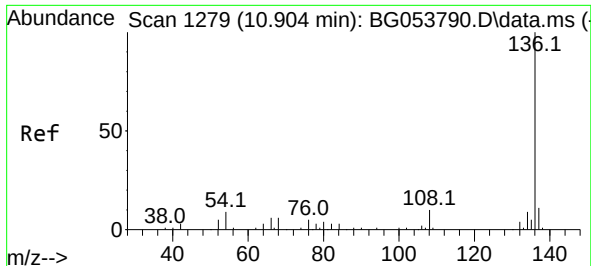
Tgt Ion: 70 Resp: 66172
Ion Ratio Lower Upper
70 100
42 64.4 47.3 70.9
101 9.9 7.0 10.4
130 20.6 14.6 22.0



#20
3+4-Methylphenols
Concen: 54.188 ng
RT: 8.852 min Scan# 930
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion: 107 Resp: 102791
Ion Ratio Lower Upper
107 100
108 87.2 67.5 107.5
77 35.3 20.3 60.3
79 28.7 16.7 56.7

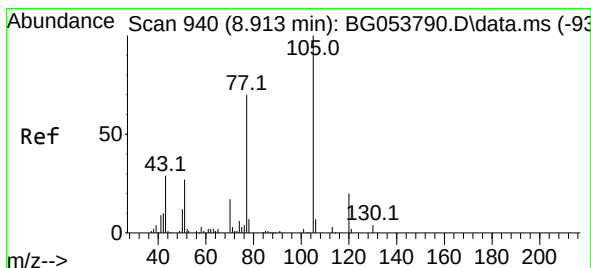
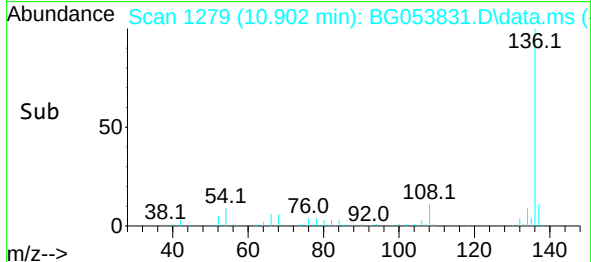
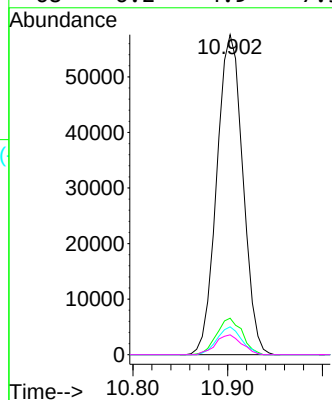
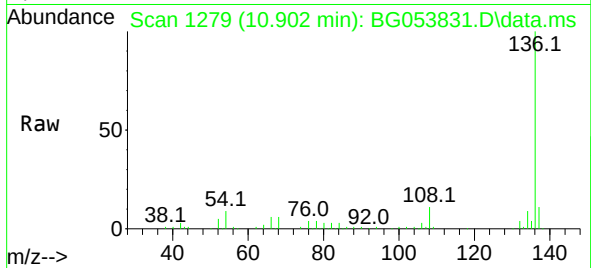




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

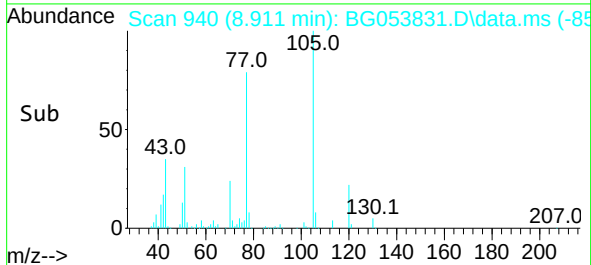
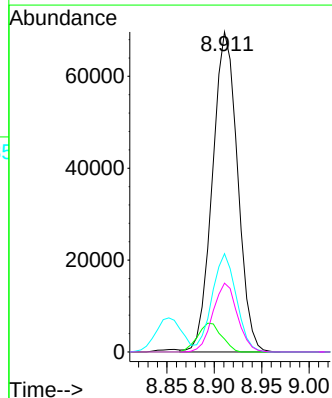
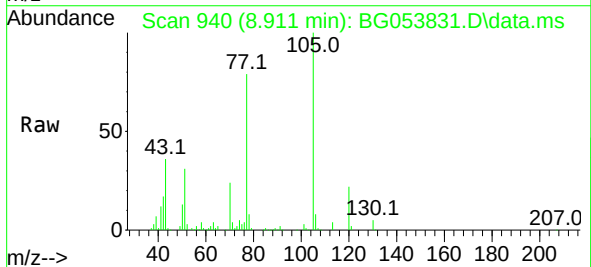
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

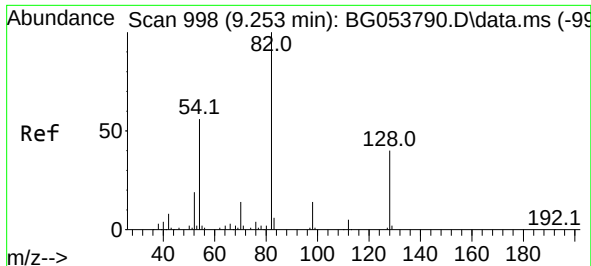
Tgt Ion:136 Resp: 109951
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 8.7 7.4 11.2
68 6.2 4.9 7.3



#22
Acetophenone
Concen: 47.239 ng
RT: 8.911 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:105 Resp: 128255
Ion Ratio Lower Upper
105 100
71 4.1 1.1 1.7#
51 30.7 25.4 38.0
120 21.5 17.3 25.9

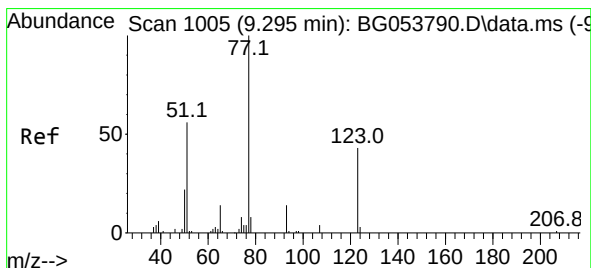
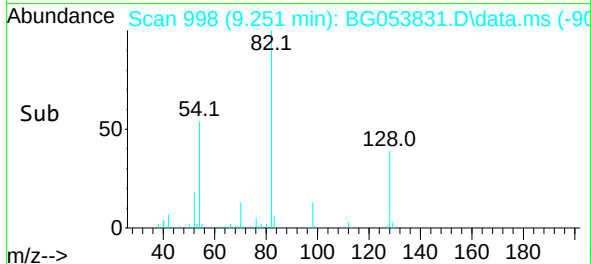
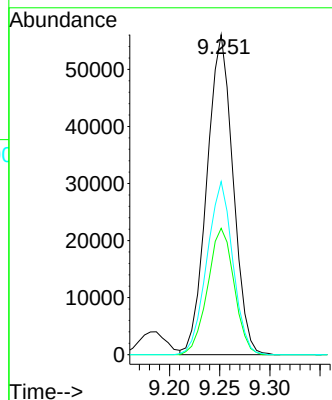
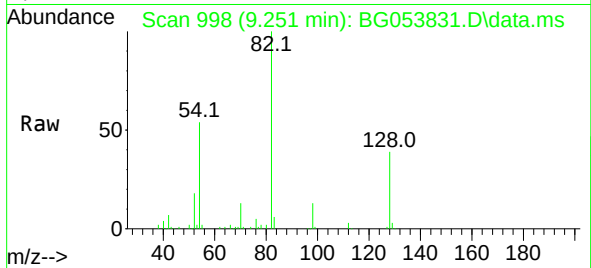




#23
Nitrobenzene-d5
Concen: 60.686 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

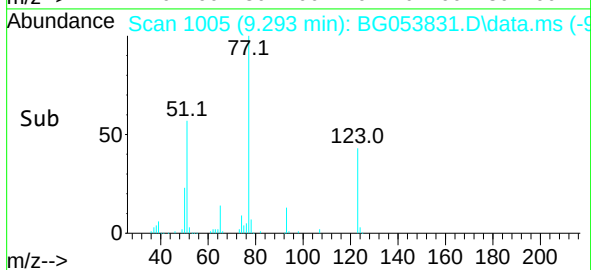
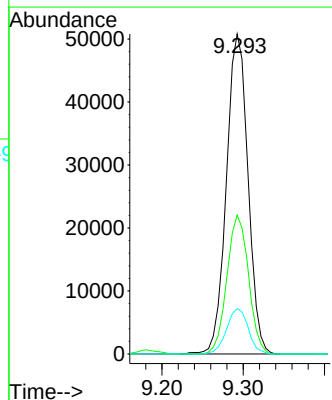
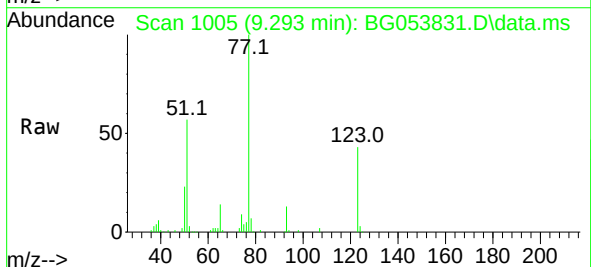
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

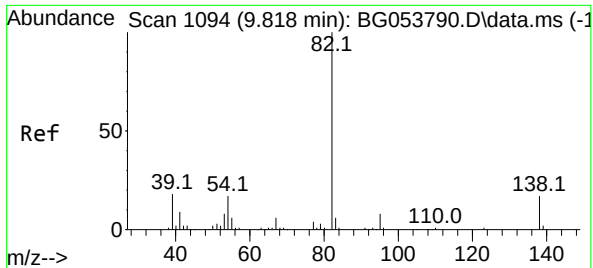
Tgt Ion: 82 Resp: 101609
Ion Ratio Lower Upper
82 100
128 39.5 27.9 41.9
54 54.1 41.2 61.8



#24
Nitrobenzene
Concen: 50.218 ng
RT: 9.293 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion: 77 Resp: 93727
Ion Ratio Lower Upper
77 100
123 43.4 27.4 41.0#
65 14.2 11.4 17.0

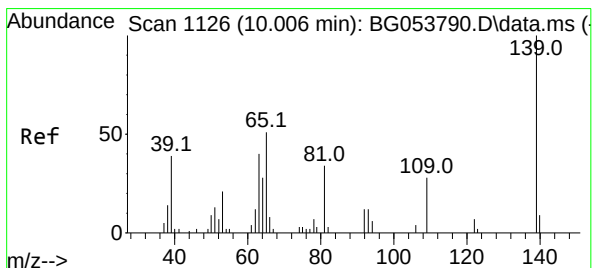
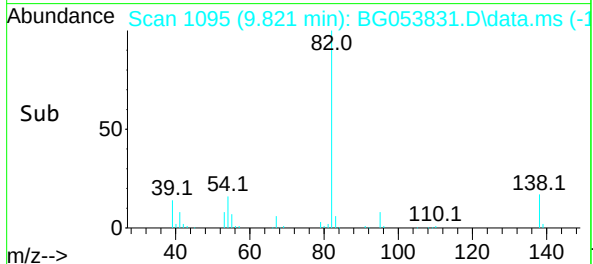
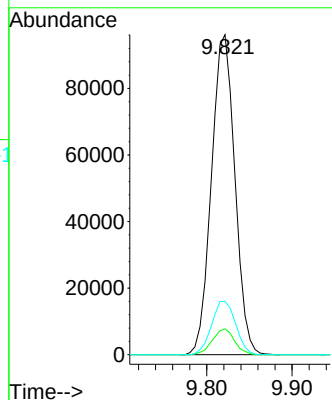
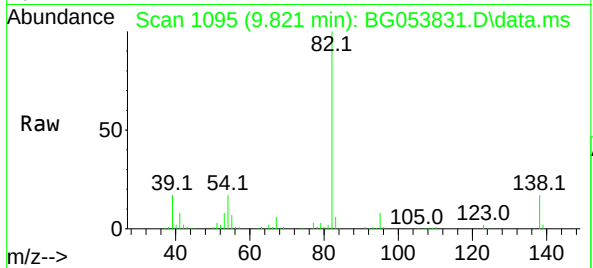




#25
Isophorone
Concen: 48.879 ng
RT: 9.821 min Scan# 1094
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

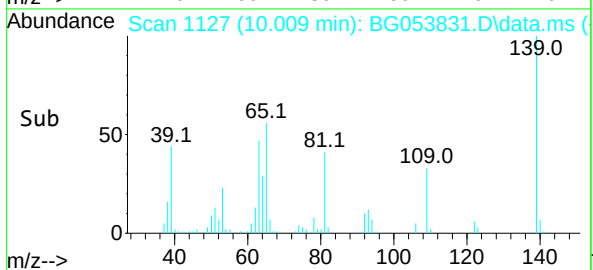
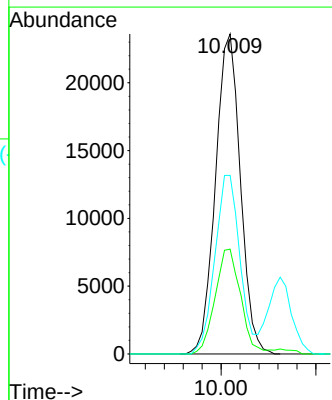
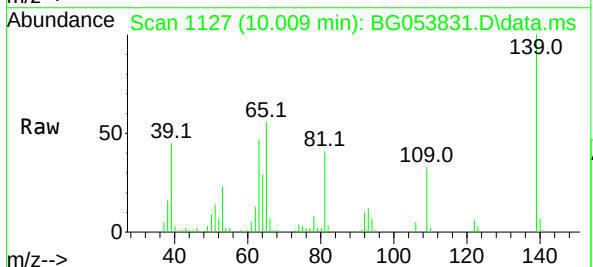
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

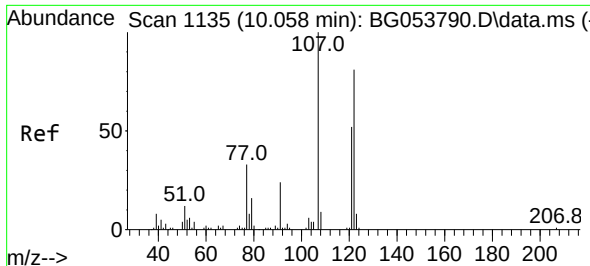
Tgt Ion: 82 Resp: 183432
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.4
138 16.7 11.6 17.4



#26
2-Nitrophenol
Concen: 69.662 ng
RT: 10.009 min Scan# 1127
Delta R.T. 0.003 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:139 Resp: 43049
Ion Ratio Lower Upper
139 100
109 32.7 36.1 54.1#
65 55.8 55.8 83.6

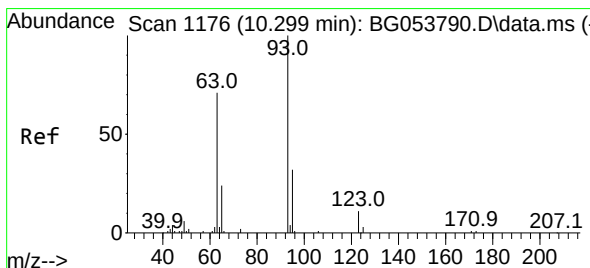
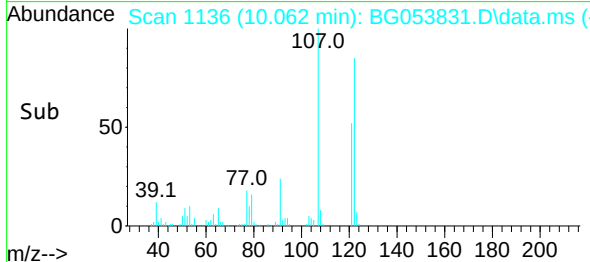
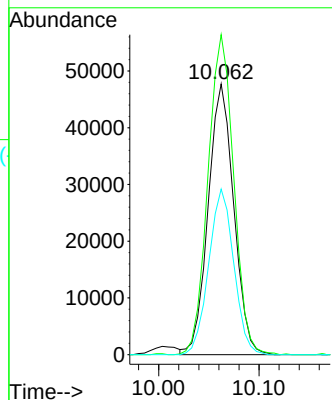
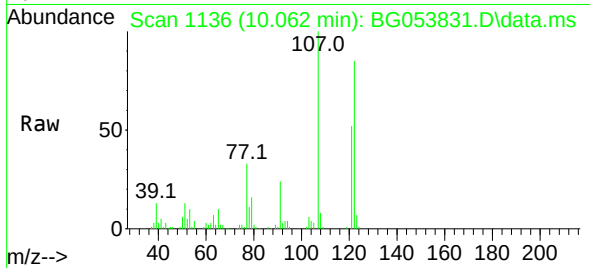




#27
2,4-Dimethylphenol
Concen: 62.671 ng
RT: 10.062 min Scan# 1135
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

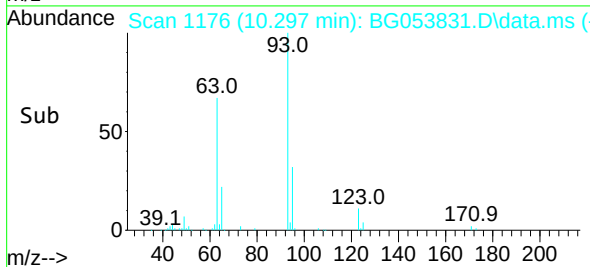
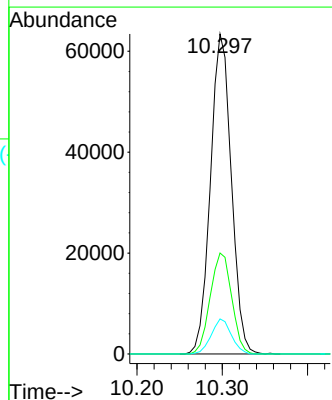
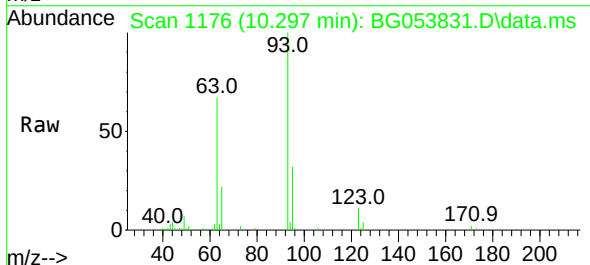
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

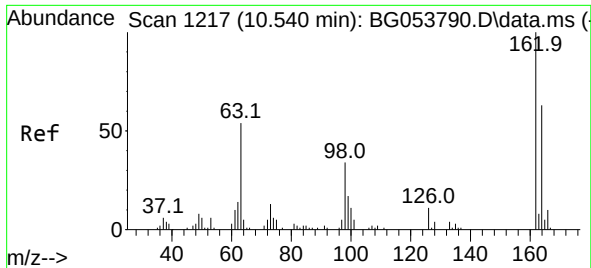
Tgt Ion:122 Resp: 84550
Ion Ratio Lower Upper
122 100
107 118.2 109.4 164.0
121 61.2 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 52.878 ng
RT: 10.297 min Scan# 1176
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion: 93 Resp: 107833
Ion Ratio Lower Upper
93 100
95 31.6 26.9 40.3
123 10.9 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 60.484 ng

RT: 10.544 min Scan# 1217

Delta R.T. 0.004 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

Instrument :

BNA_G

ClientSampleId :

NEWARK-SPMS

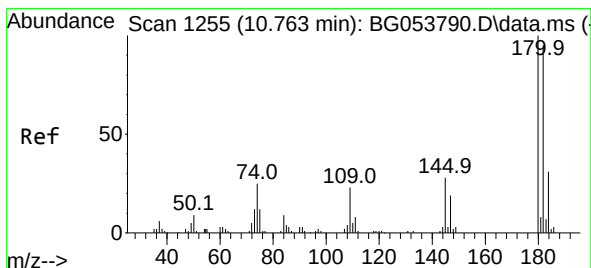
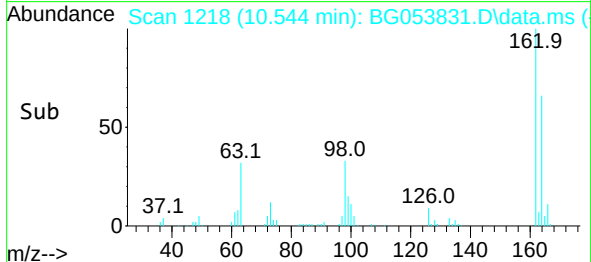
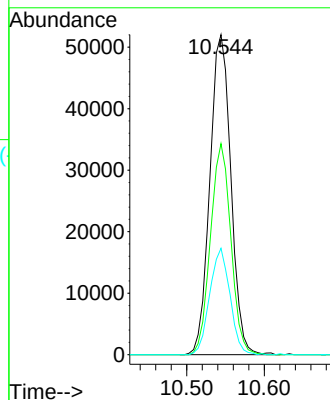
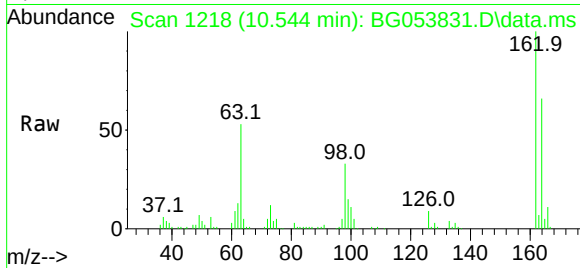
Tgt Ion:162 Resp: 98005

Ion Ratio Lower Upper

162 100

164 65.9 46.6 86.6

98 33.3 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 50.942 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

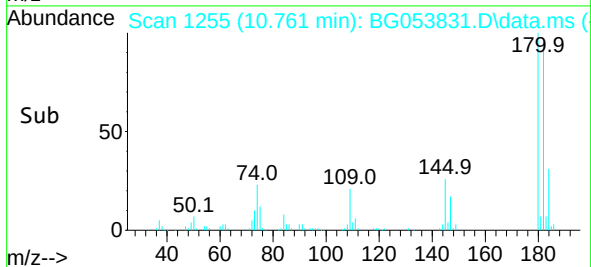
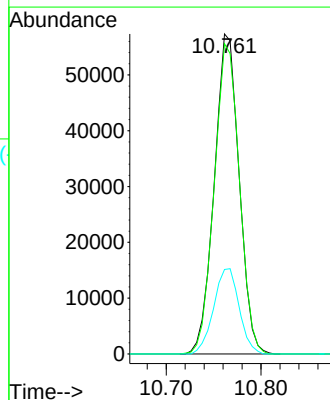
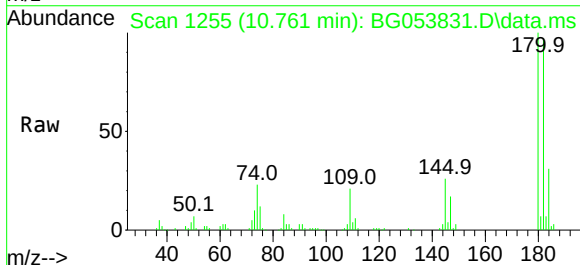
Tgt Ion:180 Resp: 104473

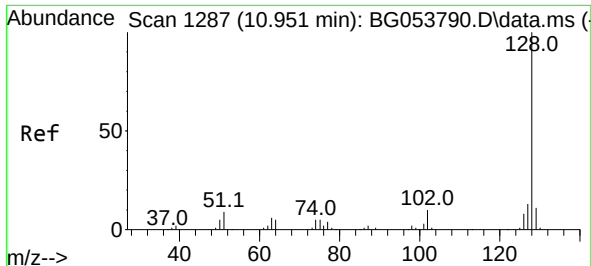
Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

145 26.4 25.0 37.4

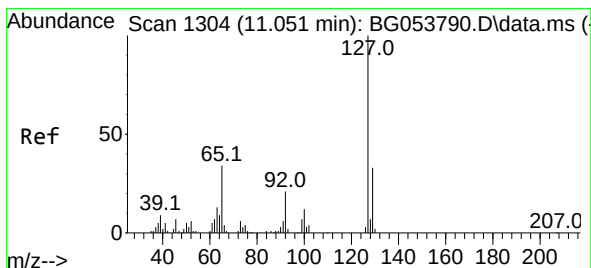
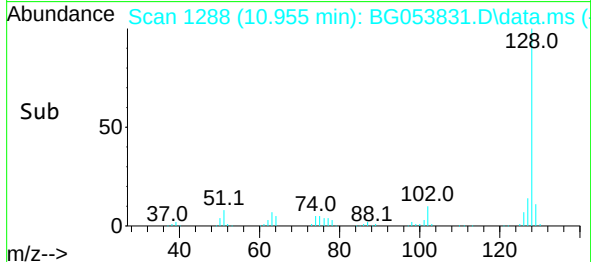
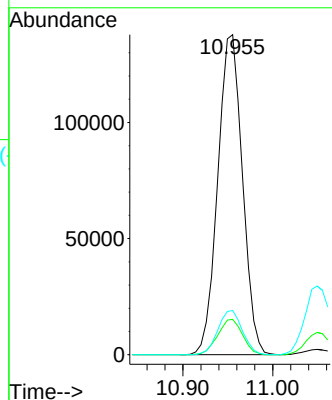
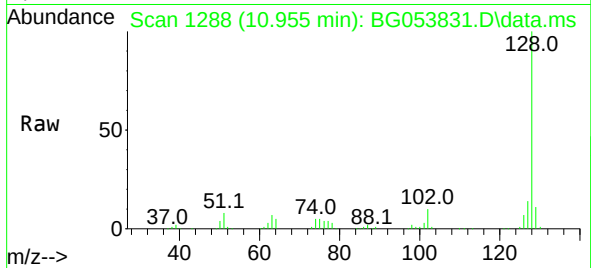




#31
Naphthalene
Concen: 46.707 ng
RT: 10.955 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

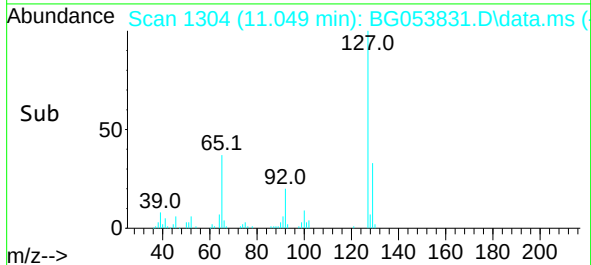
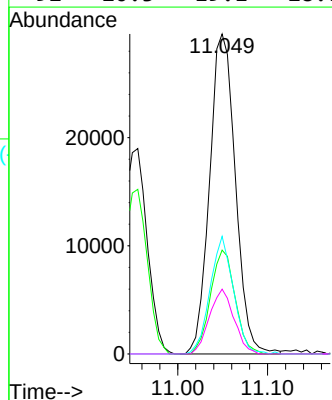
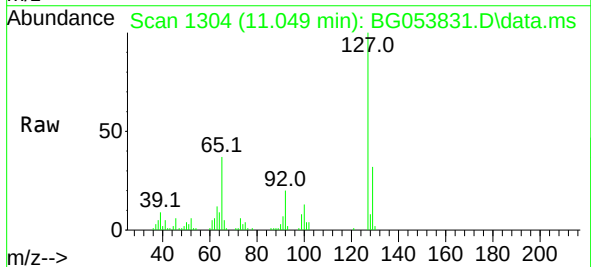
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

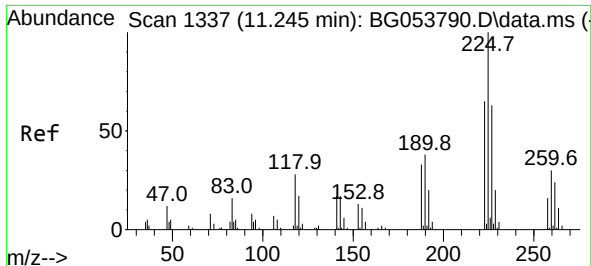
Tgt Ion:128 Resp: 262837
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.8 11.1 16.7



#33
4-Chloroaniline
Concen: 25.327 ng
RT: 11.049 min Scan# 1304
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:127 Resp: 59088
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 36.7 31.1 46.7
92 20.3 19.1 28.7

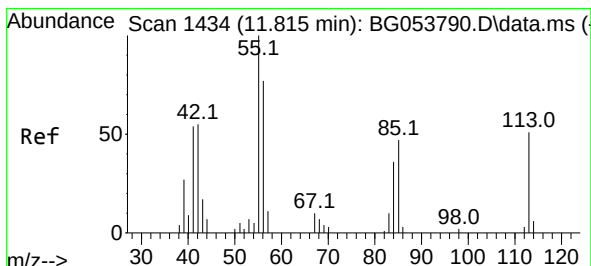
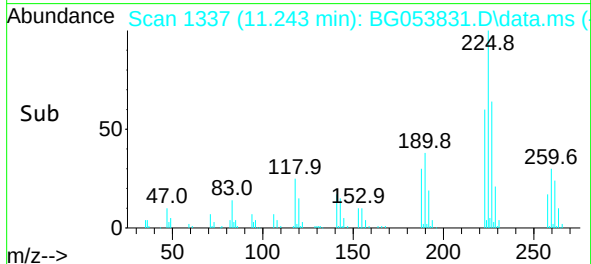
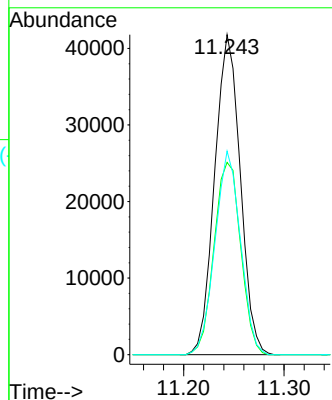
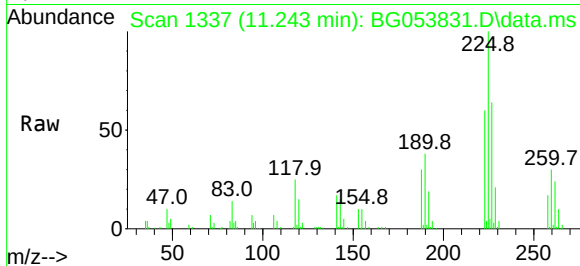




#34
Hexachlorobutadiene
Concen: 50.883 ng
RT: 11.243 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

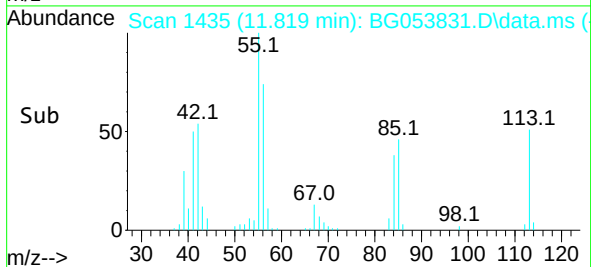
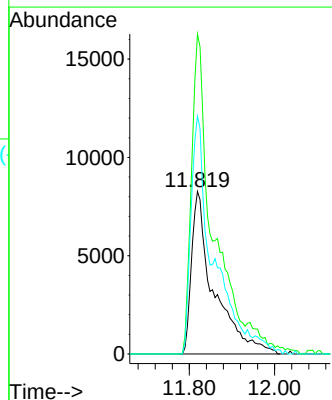
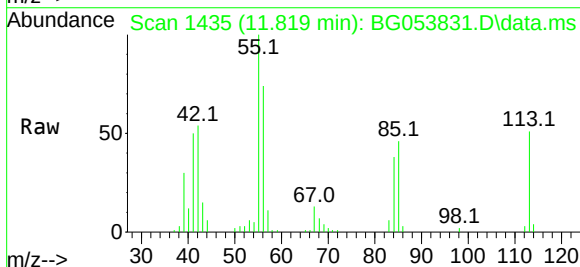
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

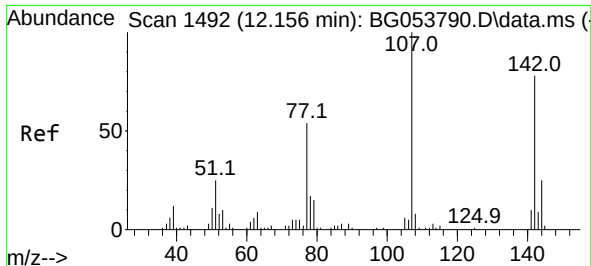
Tgt Ion:225 Resp: 73930
Ion Ratio Lower Upper
225 100
223 57.4 48.9 73.3
227 60.8 52.8 79.2



#35
Caprolactam
Concen: 64.838 ng
RT: 11.819 min Scan# 1435
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:113 Resp: 30027
Ion Ratio Lower Upper
113 100
55 196.9 169.8 209.8
56 146.3 141.2 181.2

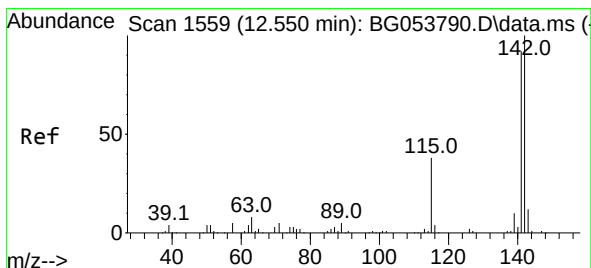
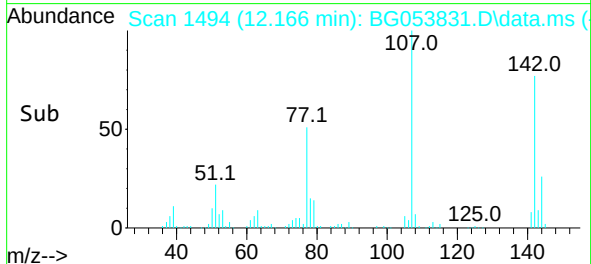
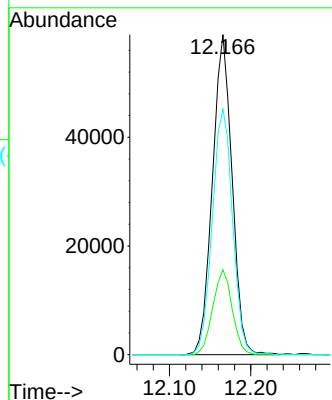
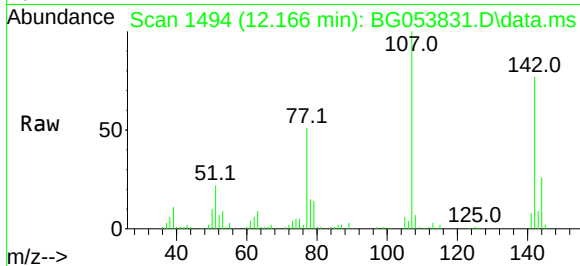




#36
4-Chloro-3-methylphenol
Concen: 57.308 ng
RT: 12.166 min Scan# 14
Delta R.T. 0.010 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

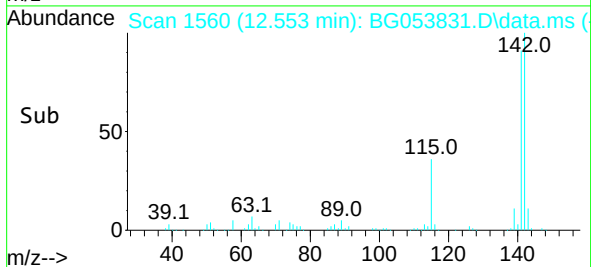
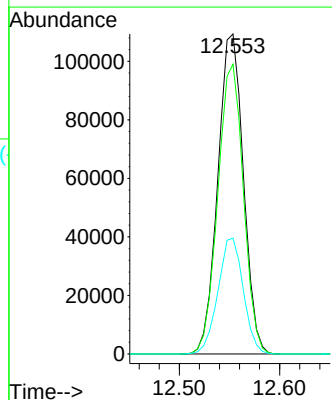
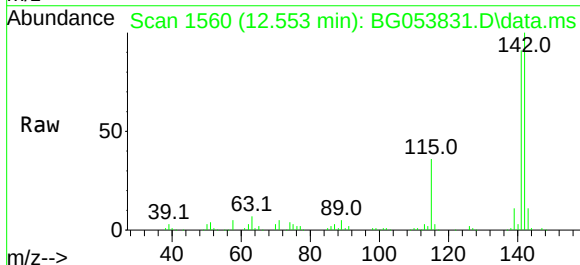
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

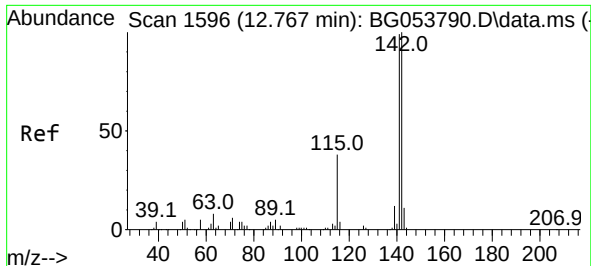
Tgt Ion:107 Resp: 98831
Ion Ratio Lower Upper
107 100
144 26.5 18.5 27.7
142 76.8 55.0 82.4



#37
2-Methylnaphthalene
Concen: 47.361 ng
RT: 12.553 min Scan# 1560
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:142 Resp: 193341
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5
115 36.2 33.7 50.5

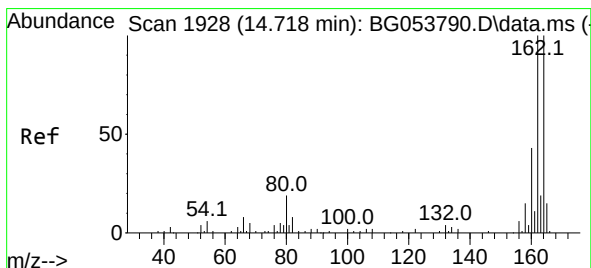
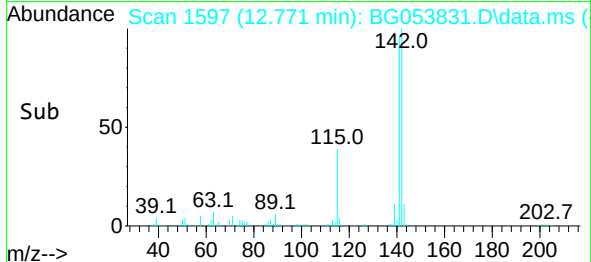
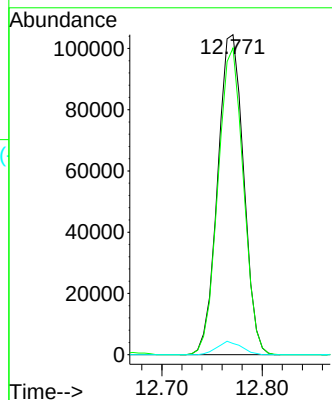
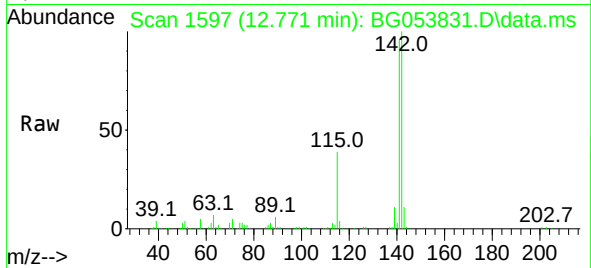




#38
1-Methylnaphthalene
Concen: 46.720 ng
RT: 12.771 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

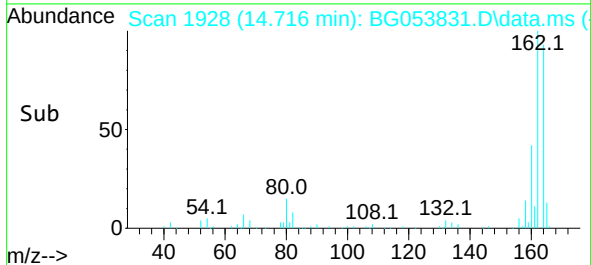
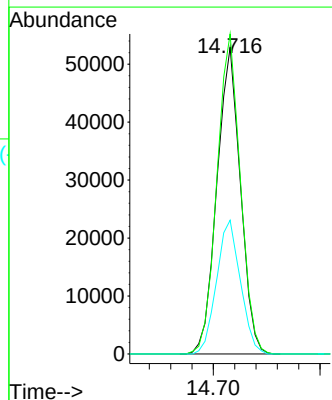
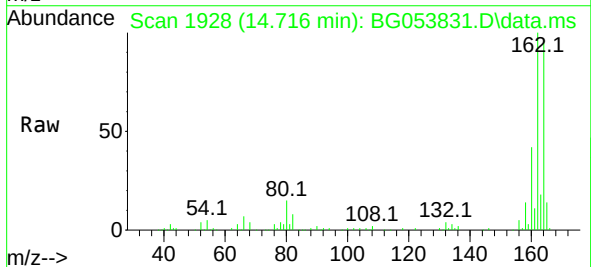
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

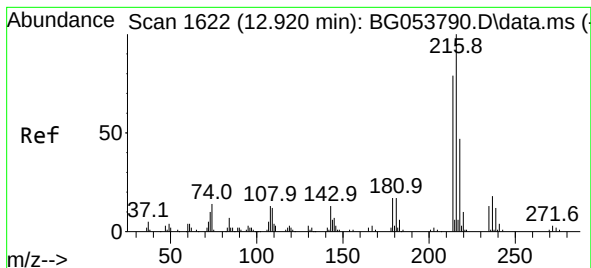
Tgt Ion:142 Resp: 186512
Ion Ratio Lower Upper
142 100
141 95.9 76.4 114.6
116 3.5 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

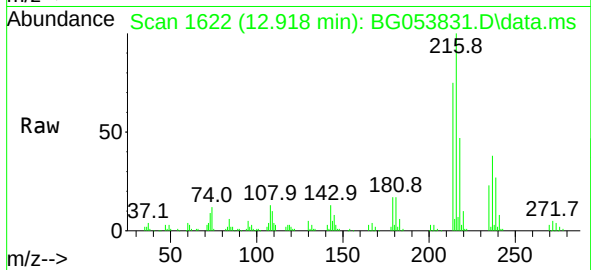
Tgt Ion:164 Resp: 80772
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 43.6 34.2 51.2



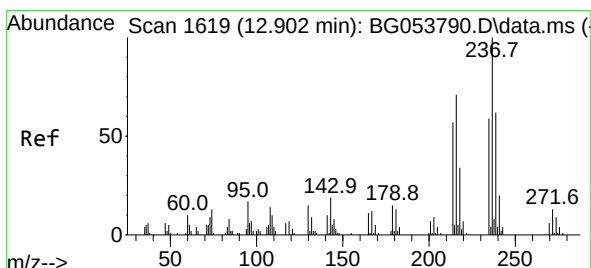
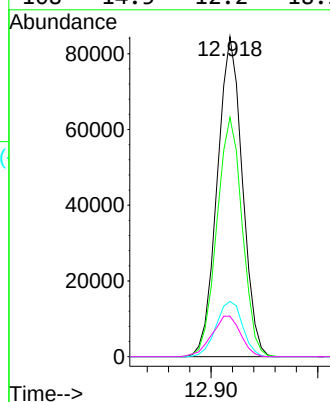
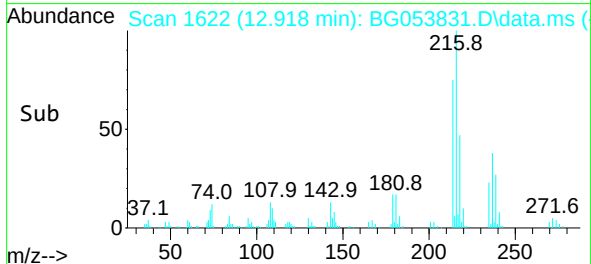


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.918 ng
RT: 12.918 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

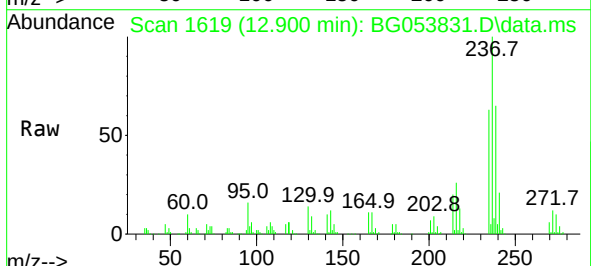
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS



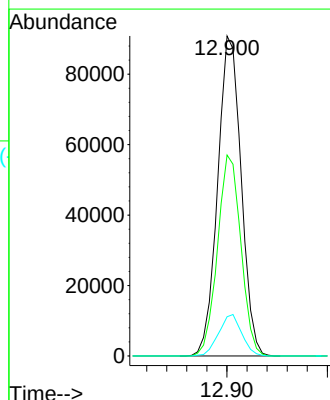
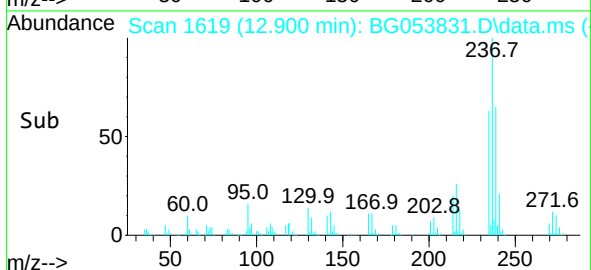
Tgt Ion:216 Resp: 138105
Ion Ratio Lower Upper
216 100
214 75.5 62.9 94.3
179 18.2 16.1 24.1
108 14.5 12.2 18.2

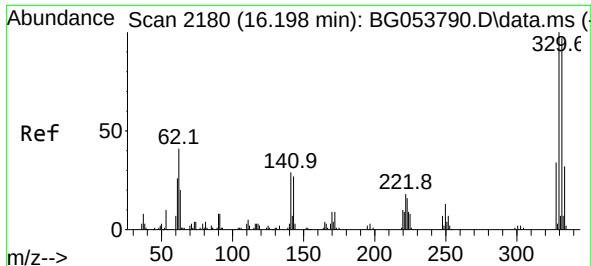


#41
Hexachlorocyclopentadiene
Concen: 106.801 ng
RT: 12.900 min Scan# 1619
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25



Tgt Ion:237 Resp: 147248
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 12.2 0.0 30.1

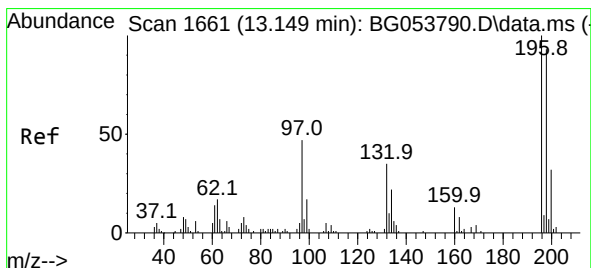
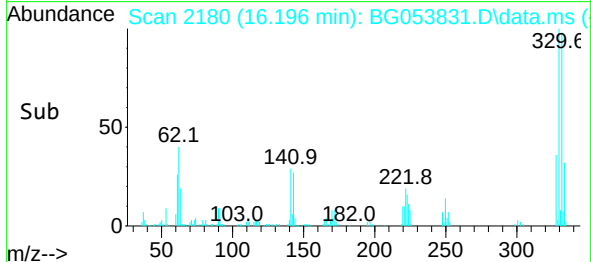
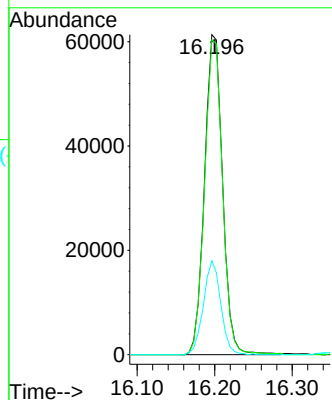
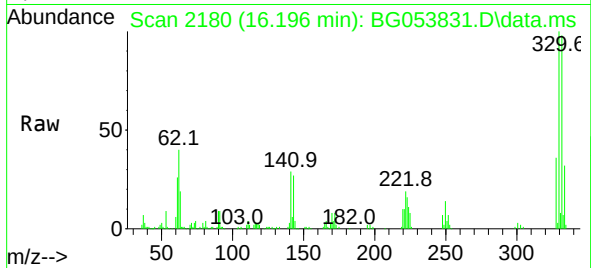




#42
2,4,6-Tribromophenol
Concen: 101.079 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

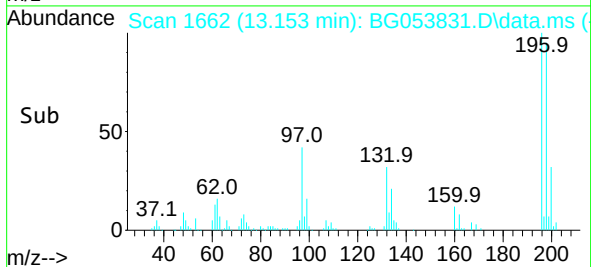
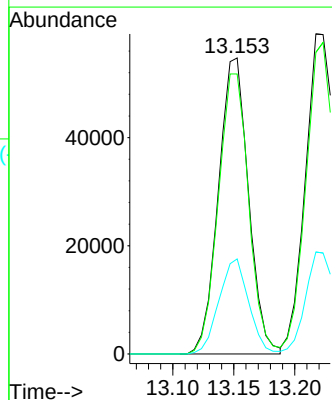
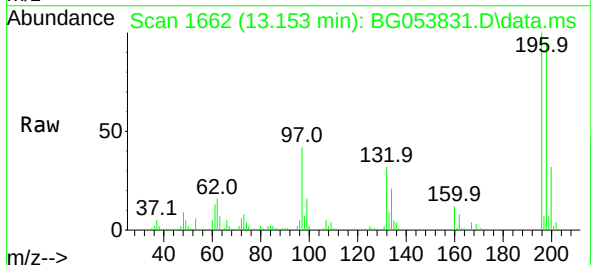
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

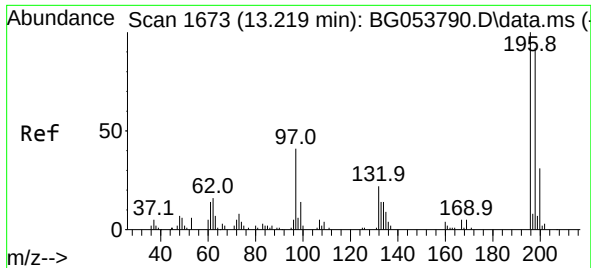
Tgt Ion:330 Resp: 99104
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 28.3 27.1 40.7



#43
2,4,6-Trichlorophenol
Concen: 64.011 ng
RT: 13.153 min Scan# 1662
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:196 Resp: 94160
Ion Ratio Lower Upper
196 100
198 94.6 74.1 111.1
200 32.1 24.7 37.1

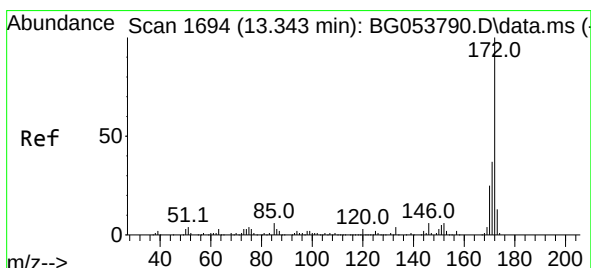
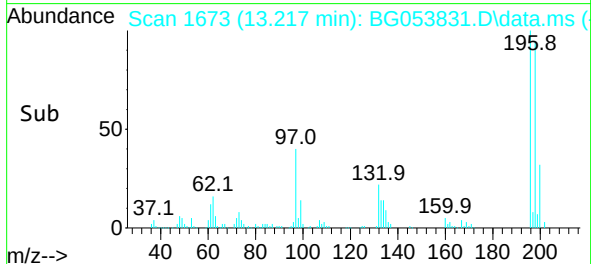
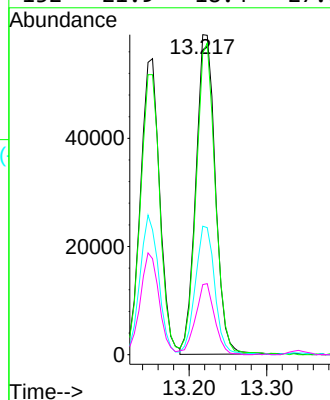
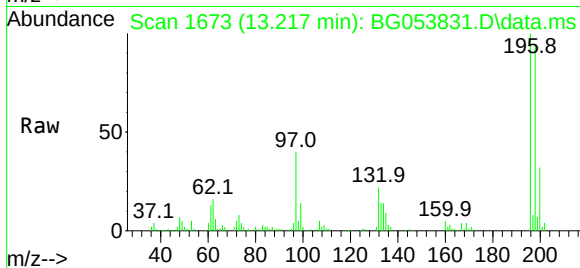




#44
2,4,5-Trichlorophenol
Concen: 62.911 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

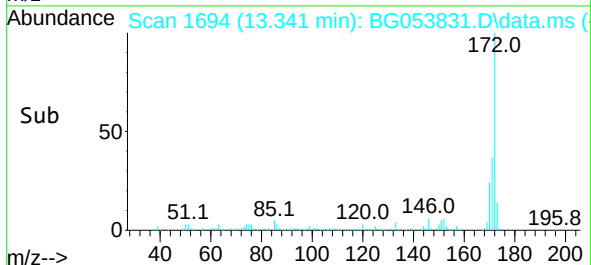
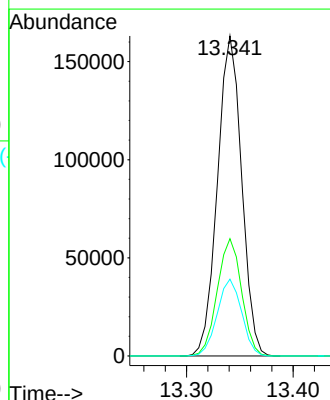
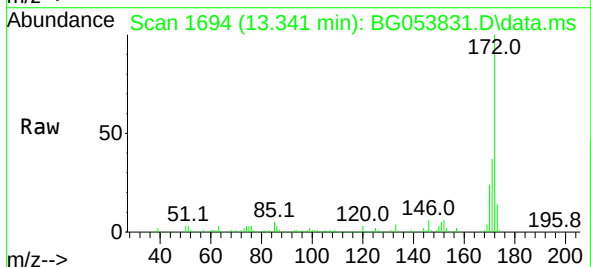
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

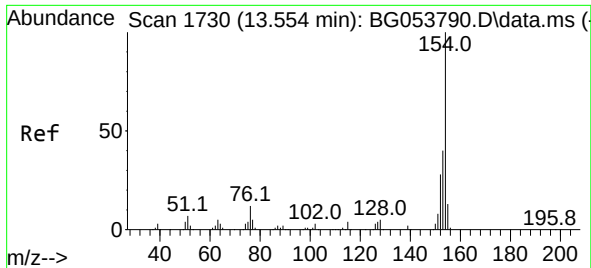
Tgt Ion:196 Resp: 102965
Ion Ratio Lower Upper
196 100
198 94.3 76.8 115.2
97 40.1 39.8 59.6
132 21.9 18.4 27.6



#45
2-Fluorobiphenyl
Concen: 47.557 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:172 Resp: 256769
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.0 18.9 28.3

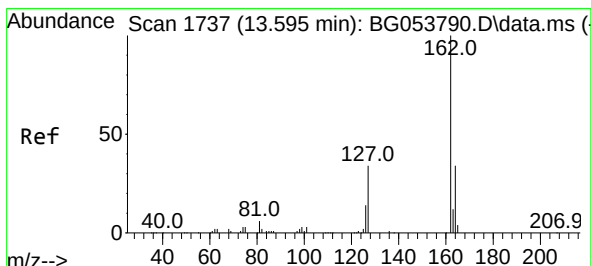
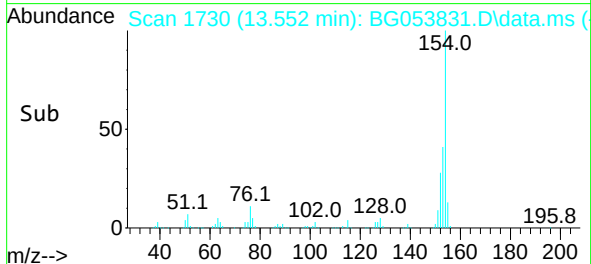
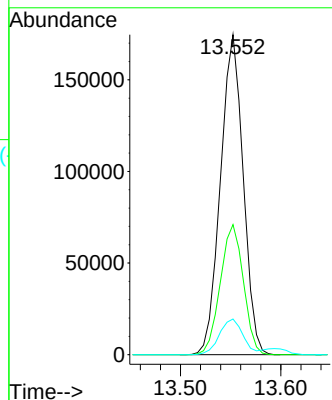
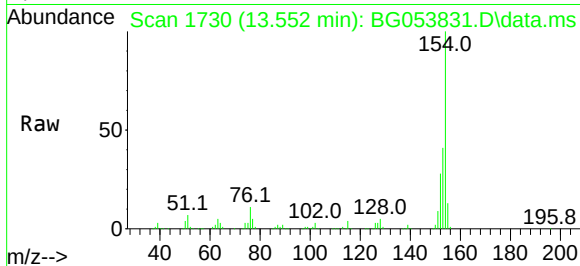




#46
1,1'-Biphenyl
Concen: 47.633 ng
RT: 13.552 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

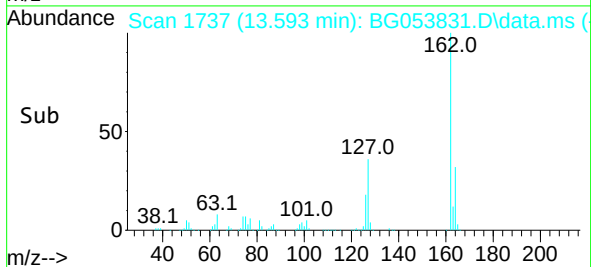
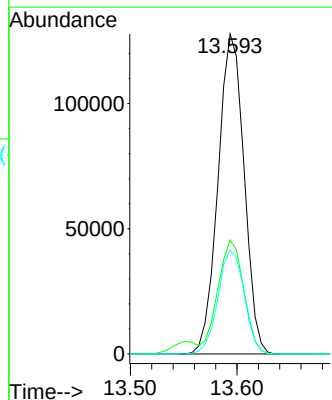
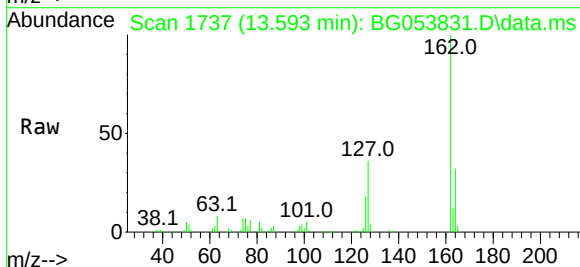
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

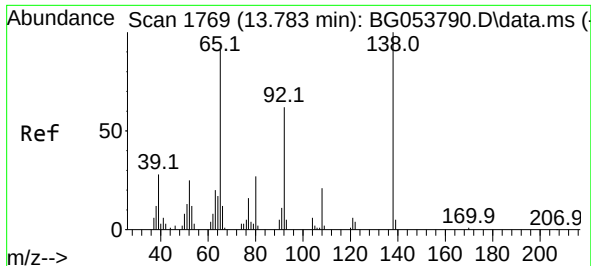
Tgt Ion:154 Resp: 274204
Ion Ratio Lower Upper
154 100
153 40.6 21.6 61.6
76 11.2 0.0 32.6



#47
2-Chloronaphthalene
Concen: 48.358 ng
RT: 13.593 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:162 Resp: 216570
Ion Ratio Lower Upper
162 100
127 35.6 30.6 45.8
164 32.4 26.5 39.7

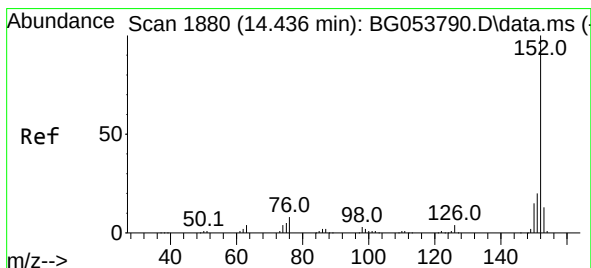
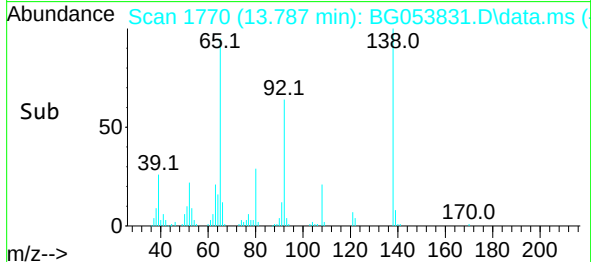
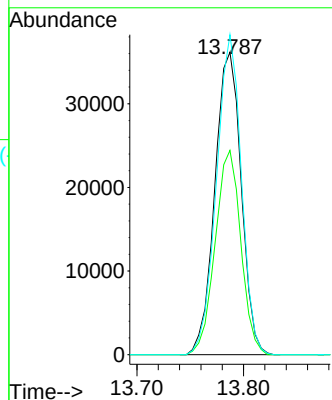
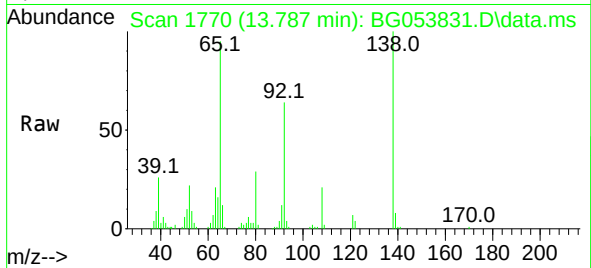




#48
2-Nitroaniline
Concen: 53.913 ng
RT: 13.787 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

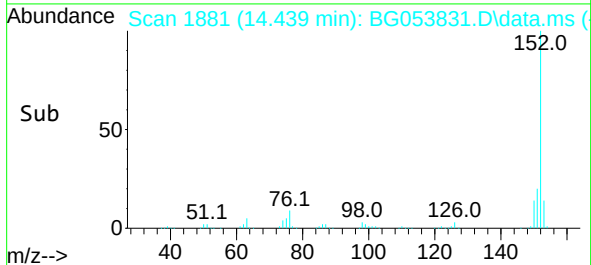
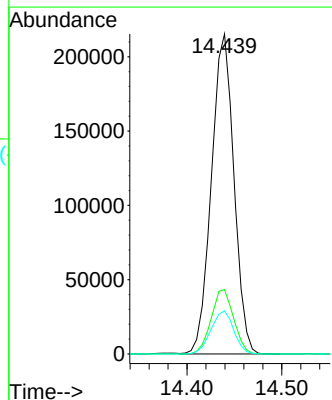
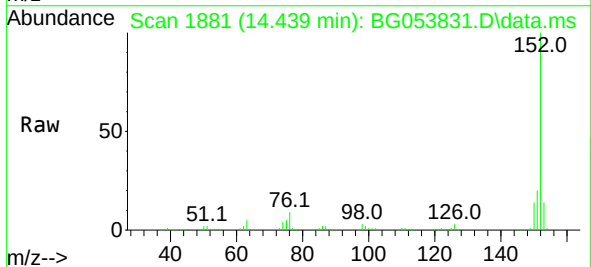
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

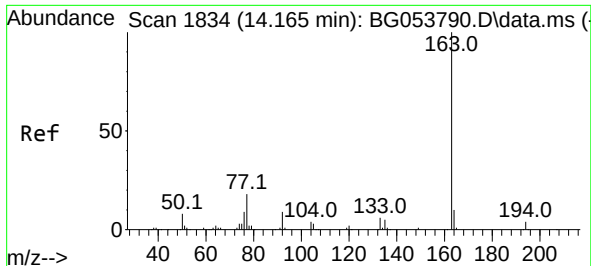
Tgt Ion: 65 Resp: 62214
Ion Ratio Lower Upper
65 100
92 67.5 51.5 77.3
138 105.7 71.3 106.9



#49
Acenaphthylene
Concen: 49.441 ng
RT: 14.439 min Scan# 1881
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:152 Resp: 355214
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.5 10.8 16.2

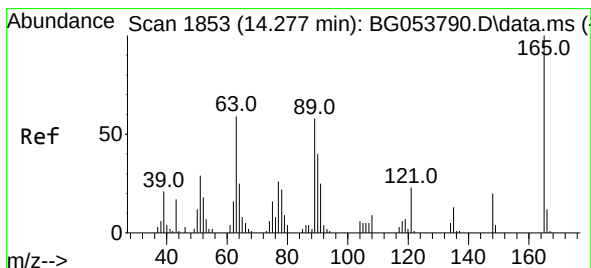
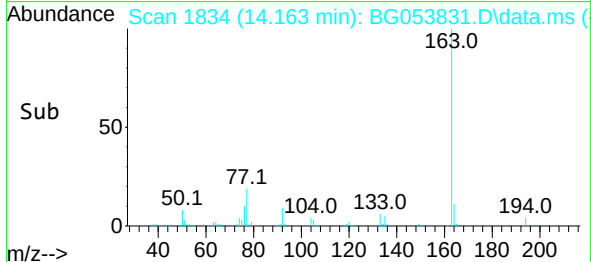
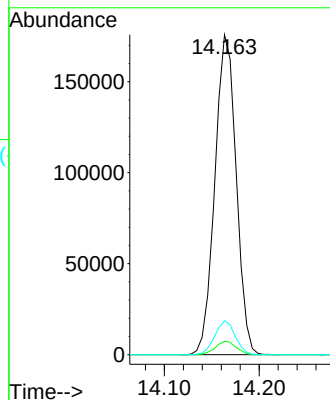
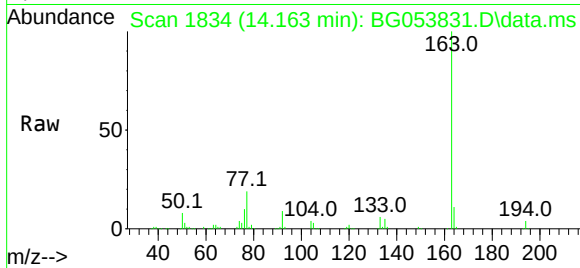




#50
Dimethylphthalate
Concen: 46.378 ng
RT: 14.163 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

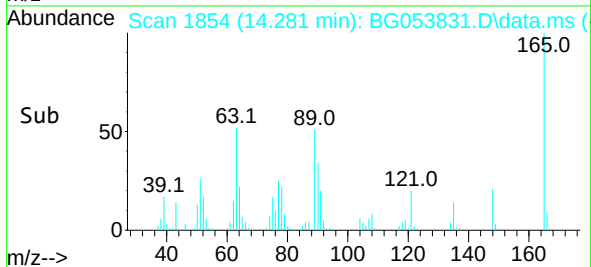
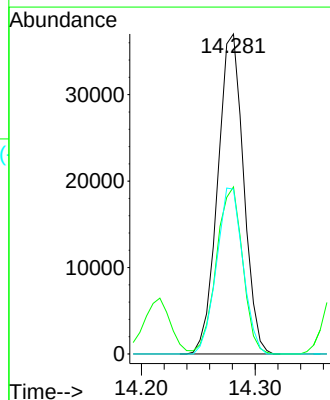
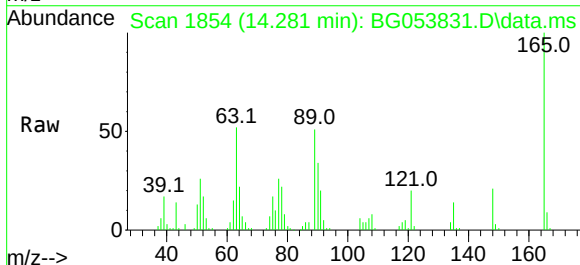
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

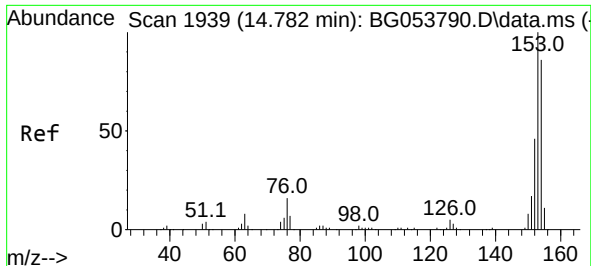
Tgt Ion:163 Resp: 274526
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.6 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 54.525 ng
RT: 14.281 min Scan# 1854
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:165 Resp: 58474
Ion Ratio Lower Upper
165 100
63 52.2 54.1 81.1#
89 51.5 54.8 82.2#

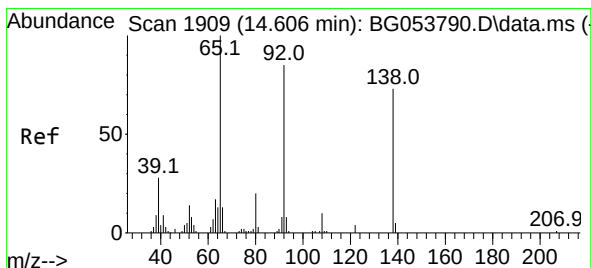
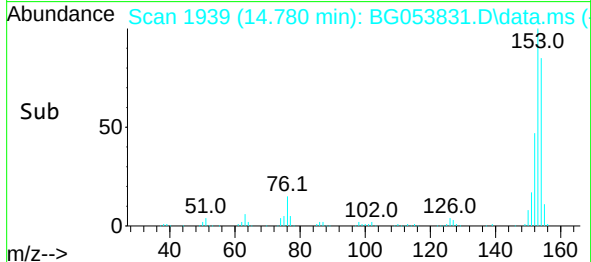
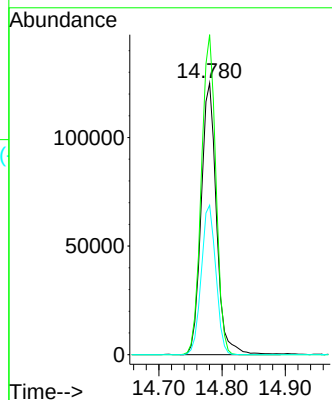
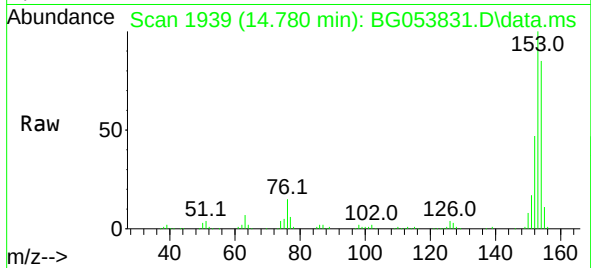




#52
Acenaphthene
Concen: 46.126 ng
RT: 14.780 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

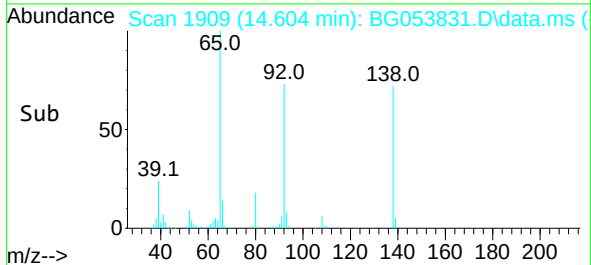
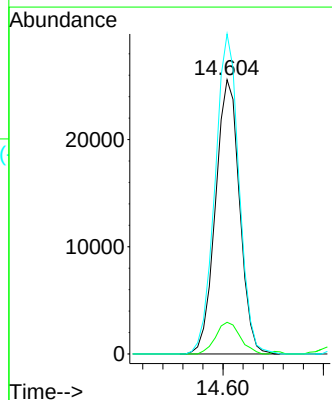
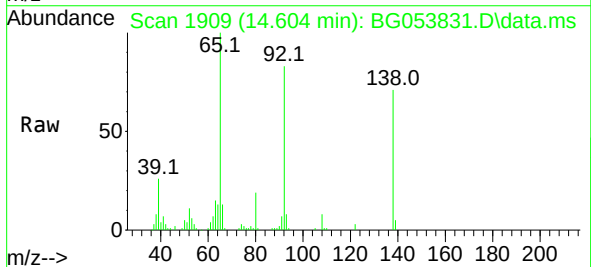
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

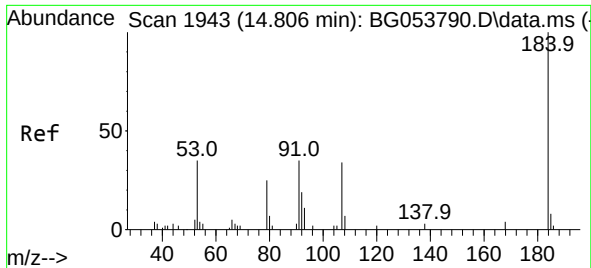
Tgt Ion:154 Resp: 210547
Ion Ratio Lower Upper
154 100
153 117.8 92.7 139.1
152 55.1 42.6 64.0



#53
3-Nitroaniline
Concen: 37.755 ng
RT: 14.604 min Scan# 1909
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:138 Resp: 42513
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 116.7 101.9 152.9

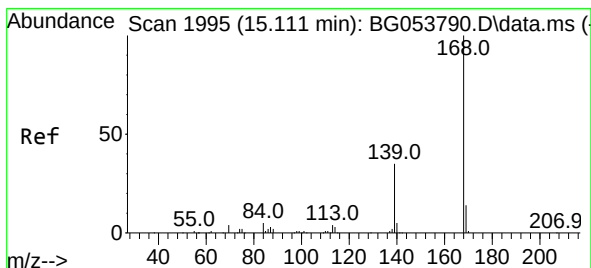
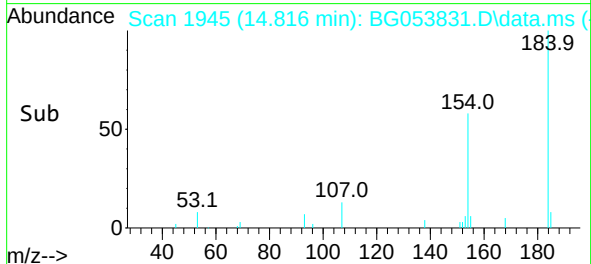
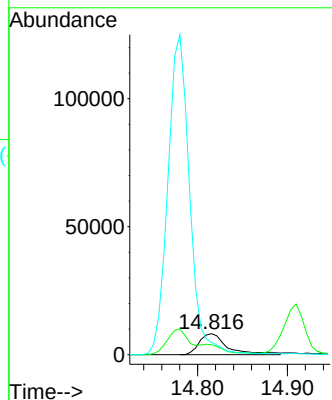
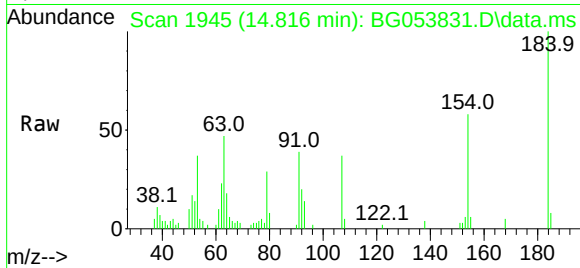




#54
2,4-Dinitrophenol
Concen: 36.552 ng
RT: 14.816 min Scan# 1943
Delta R.T. 0.010 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

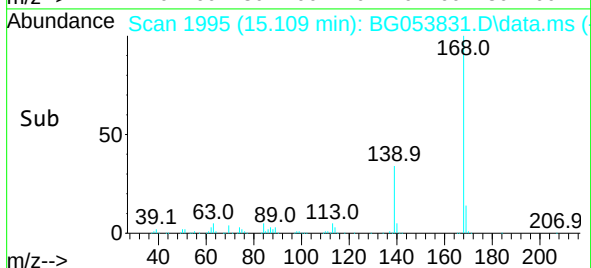
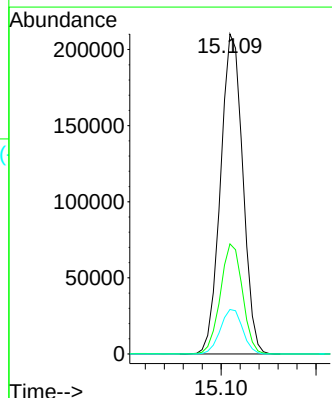
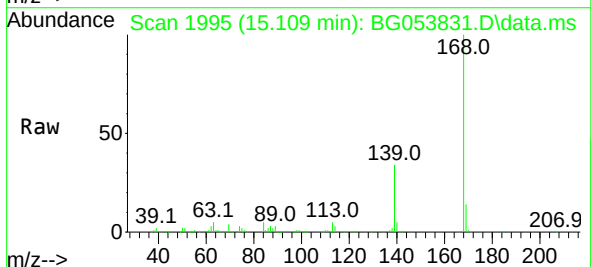
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

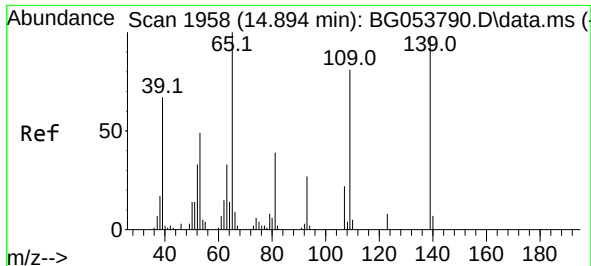
Tgt Ion:184 Resp: 17856
Ion Ratio Lower Upper
184 100
63 47.0 61.1 91.7#
154 57.8 60.6 91.0#



#55
Dibenzofuran
Concen: 47.144 ng
RT: 15.109 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:168 Resp: 343046
Ion Ratio Lower Upper
168 100
139 34.4 30.5 45.7
169 13.9 10.3 15.5

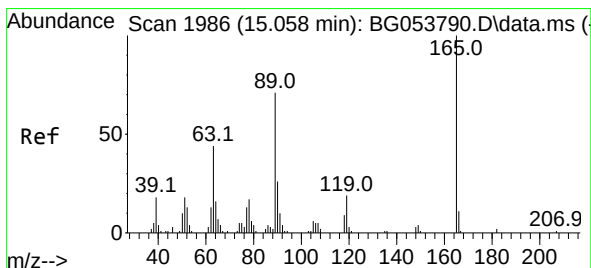
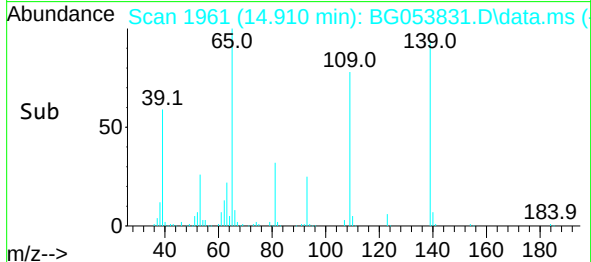
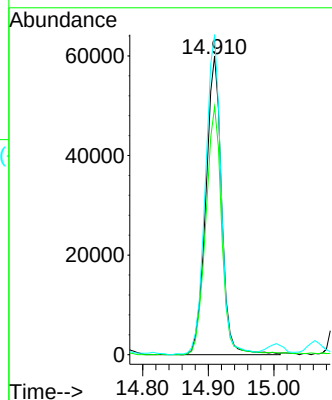
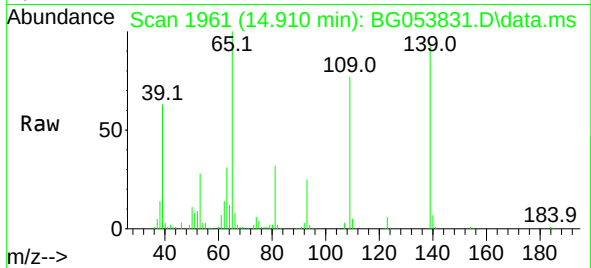




#56
4-Nitrophenol
Concen: 104.782 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.016 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

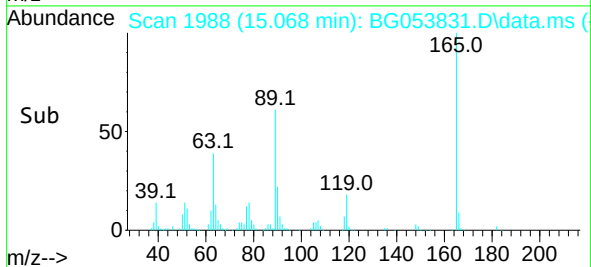
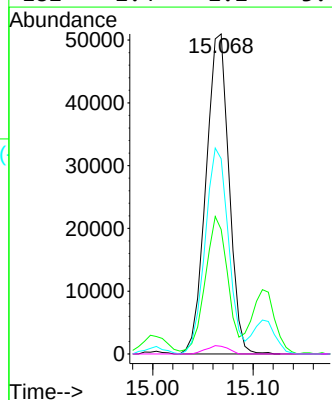
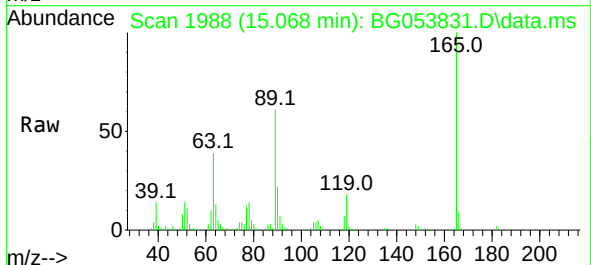
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

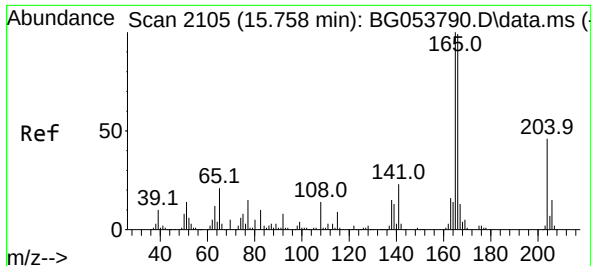
Tgt Ion:139 Resp: 100338
Ion Ratio Lower Upper
139 100
109 83.0 88.5 128.5#
65 107.1 93.9 133.9



#57
2,4-Dinitrotoluene
Concen: 55.520 ng
RT: 15.068 min Scan# 1988
Delta R.T. 0.010 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:165 Resp: 81301
Ion Ratio Lower Upper
165 100
63 38.9 34.6 52.0
89 61.0 60.3 90.5
182 2.4 2.2 3.4

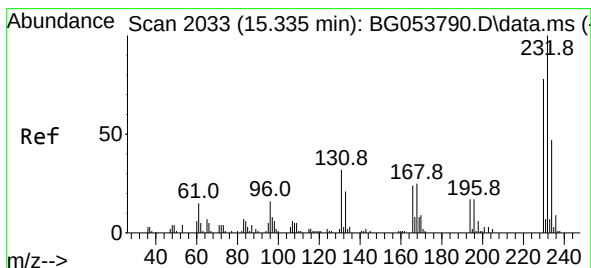
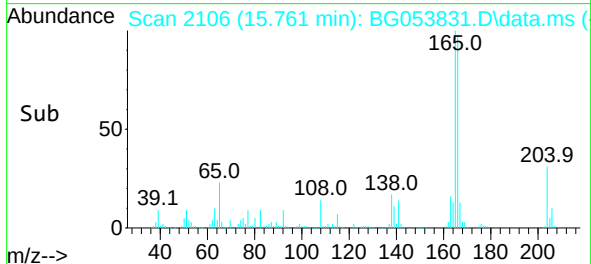
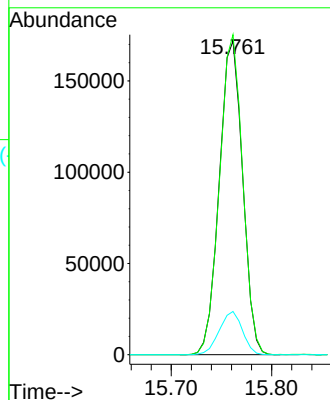
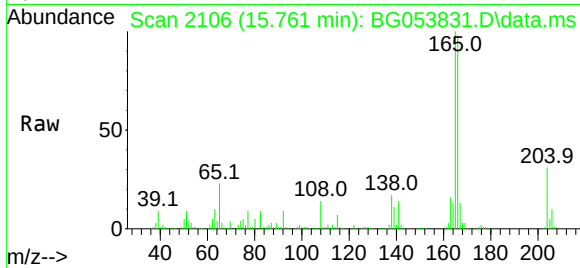




#58
Fluorene
Concen: 46.101 ng
RT: 15.761 min Scan# 2105
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

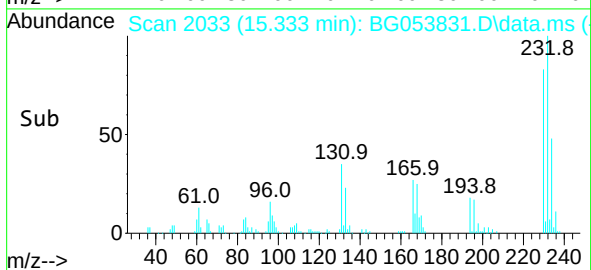
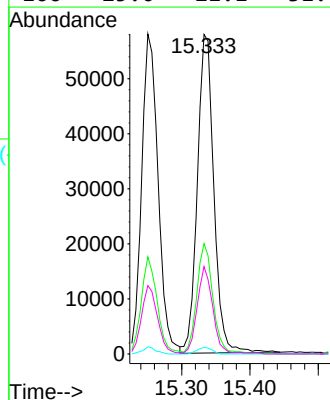
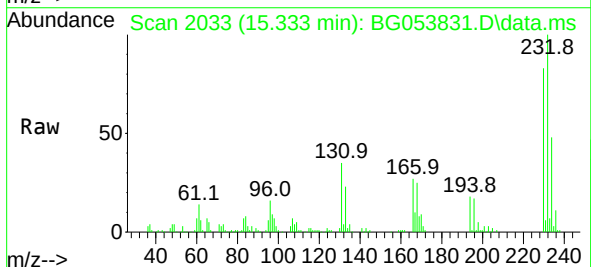
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

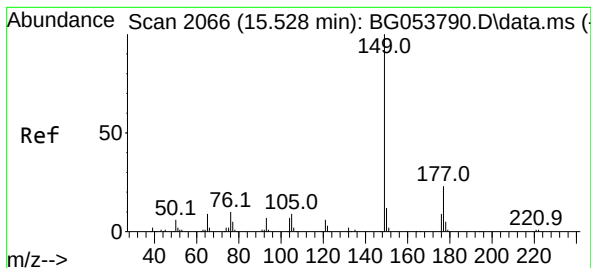
Tgt Ion:166 Resp: 277753
Ion Ratio Lower Upper
166 100
165 102.0 75.0 112.6
167 13.8 10.8 16.2



#59
2,3,4,6-Tetrachlorophenol
Concen: 54.368 ng
RT: 15.333 min Scan# 2033
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:232 Resp: 97367
Ion Ratio Lower Upper
232 100
131 33.2 30.6 46.0
130 1.8 1.8 2.8#
166 25.0 21.1 31.7





#60

Diethylphthalate

Concen: 46.214 ng

RT: 15.526 min Scan# 2066

Delta R.T. -0.002 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

Instrument :

BNA_G

ClientSampleId :

NEWARK-SPMS

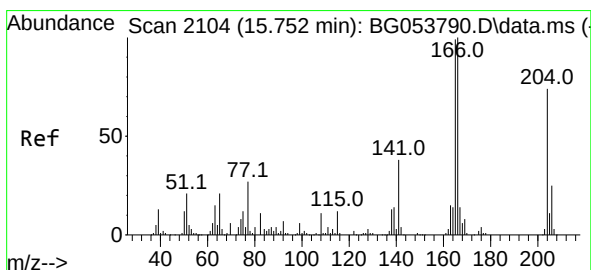
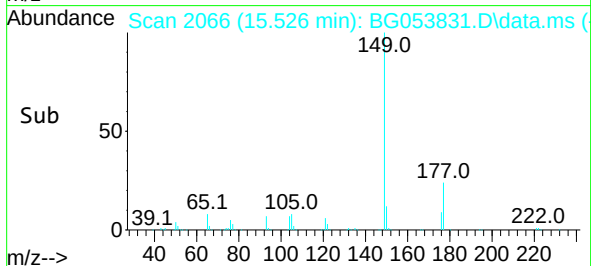
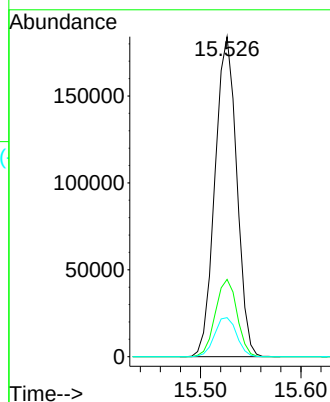
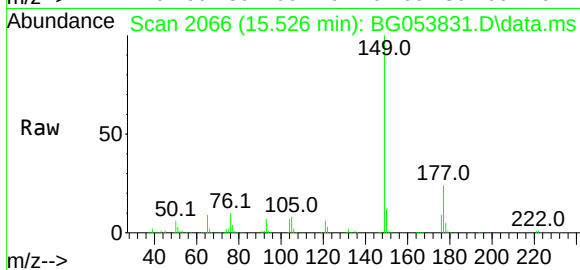
Tgt Ion:149 Resp: 277049

Ion Ratio Lower Upper

149 100

177 24.2 18.4 27.6

150 12.2 11.2 16.8



#61

4-Chlorophenyl-phenylether

Concen: 49.175 ng

RT: 15.750 min Scan# 2104

Delta R.T. -0.002 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

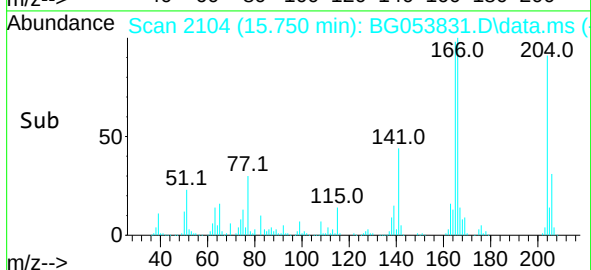
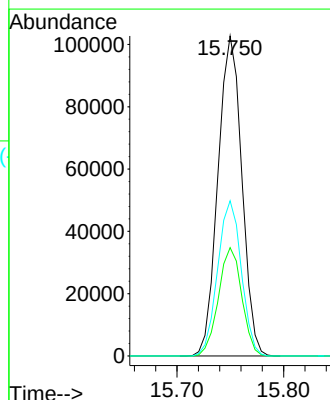
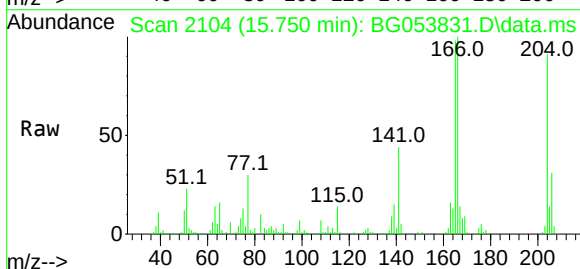
Tgt Ion:204 Resp: 159723

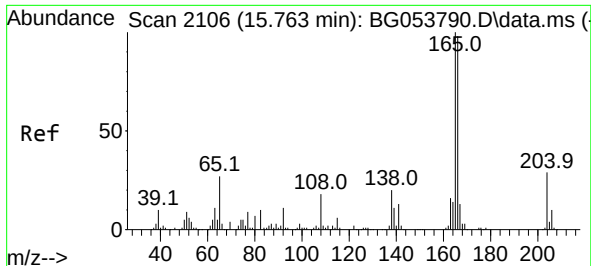
Ion Ratio Lower Upper

204 100

206 33.9 27.5 41.3

141 48.5 45.3 67.9

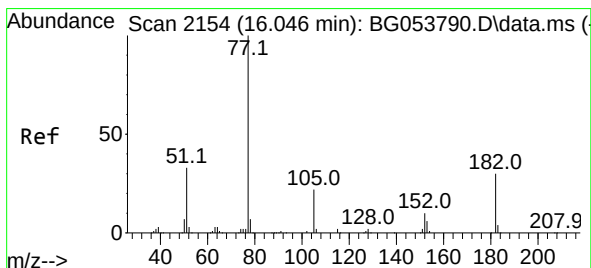
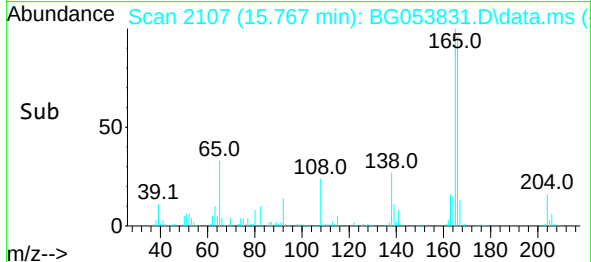
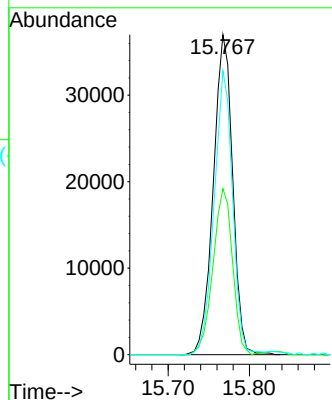
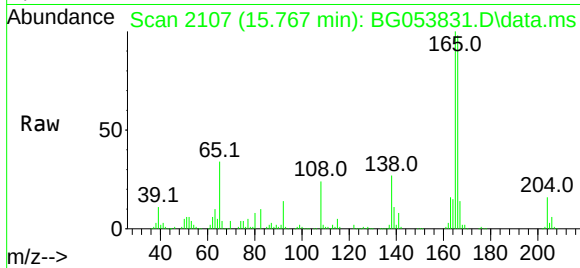




#62
4-Nitroaniline
Concen: 49.173 ng
RT: 15.767 min Scan# 2106
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

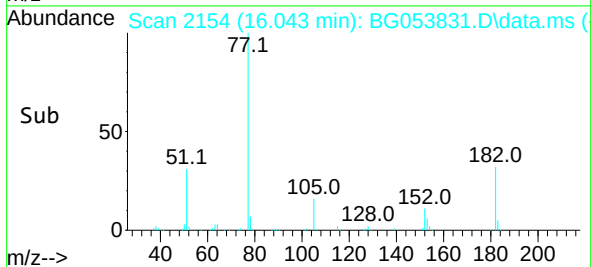
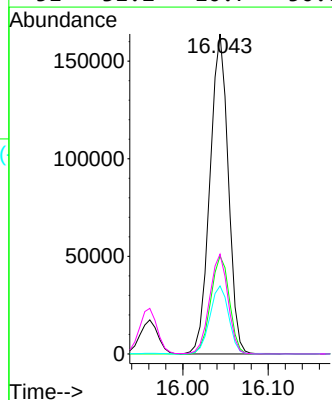
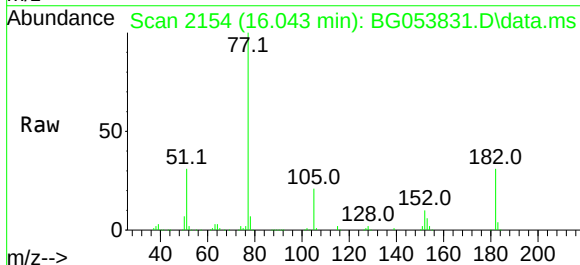
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

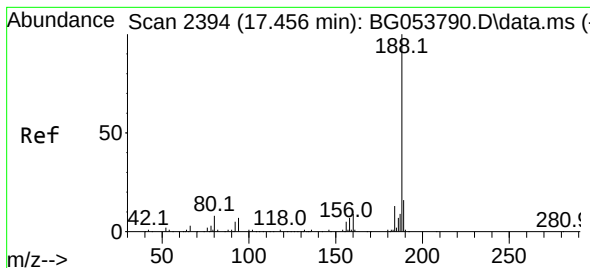
Tgt Ion:138 Resp: 61213
Ion Ratio Lower Upper
138 100
92 51.9 40.5 80.5
108 88.8 103.7 143.7#



#63
Azobenzene
Concen: 43.521 ng
RT: 16.043 min Scan# 2154
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion: 77 Resp: 244128
Ion Ratio Lower Upper
77 100
182 30.6 3.8 43.8
105 21.3 0.0 37.8
51 31.2 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.459 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

Instrument :

BNA_G

ClientSampleId :

NEWARK-SPMS

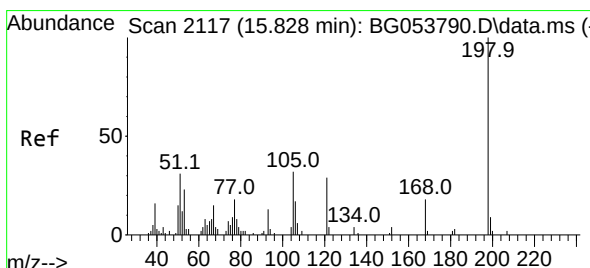
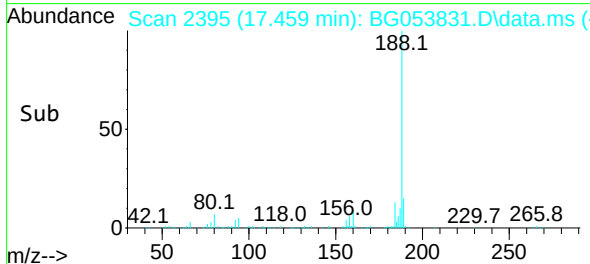
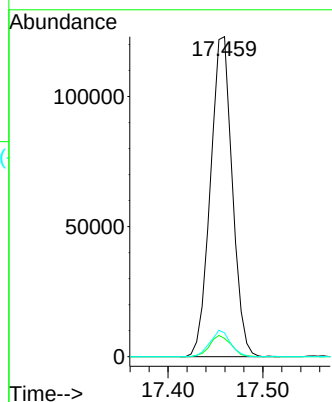
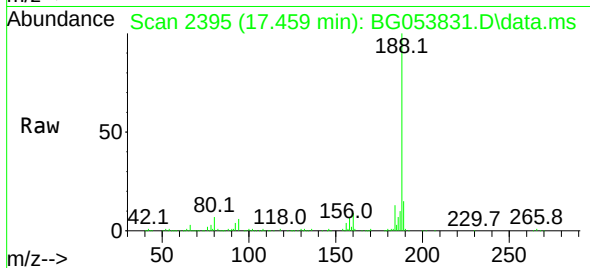
Tgt Ion:188 Resp: 197122

Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

80 7.4 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 39.889 ng

RT: 15.826 min Scan# 2117

Delta R.T. -0.002 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

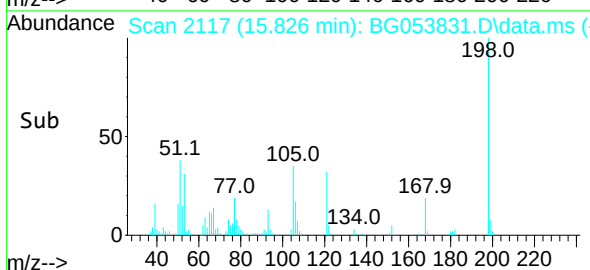
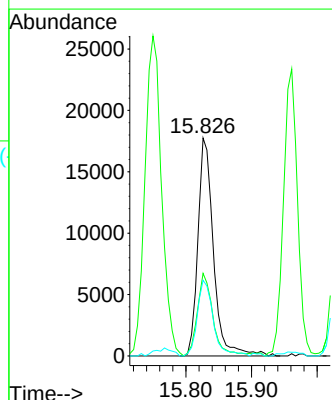
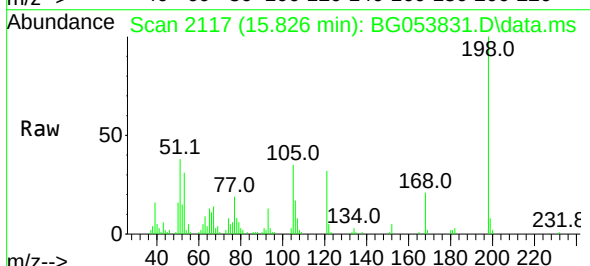
Tgt Ion:198 Resp: 29298

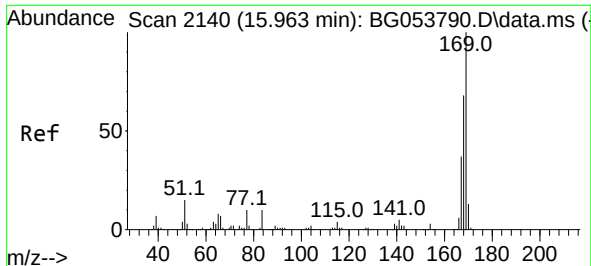
Ion Ratio Lower Upper

198 100

51 37.9 28.1 68.1

105 34.7 20.3 60.3

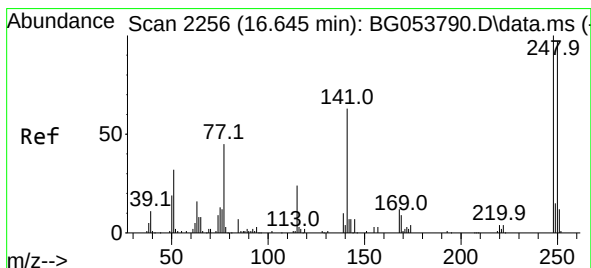
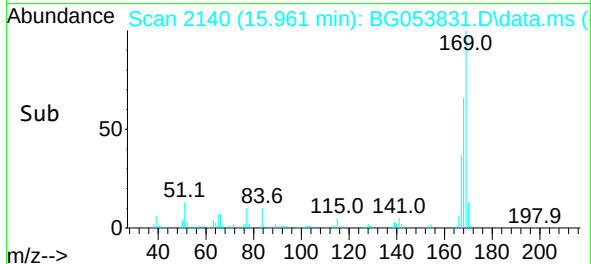
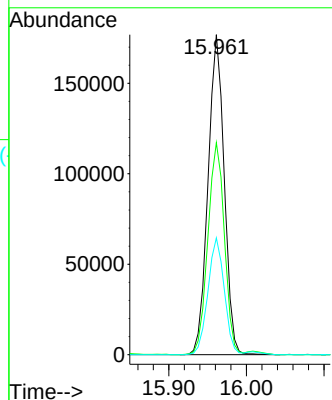
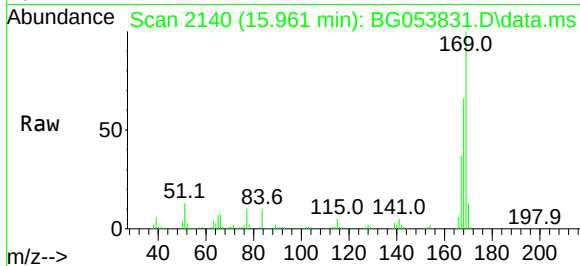




#66
 n-Nitrosodiphenylamine
 Concen: 48.915 ng
 RT: 15.961 min Scan# 2140
 Delta R.T. -0.002 min
 Lab File: BG053831.D
 Acq: 6 Jun 2022 16:25

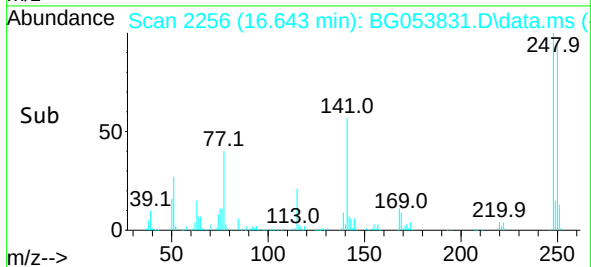
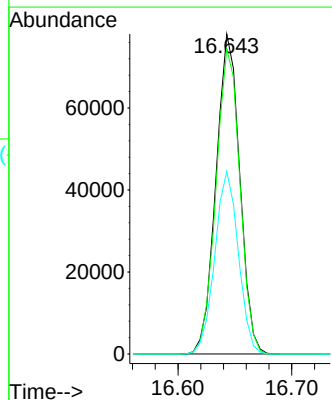
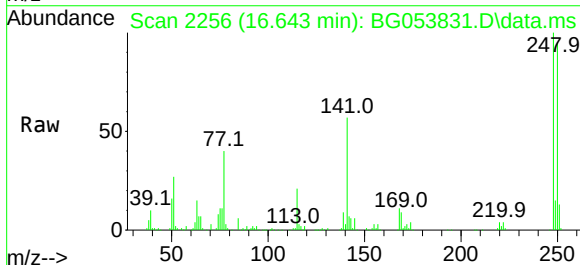
Instrument :
 BNA_G
 ClientSampleId :
 NEWARK-SPMS

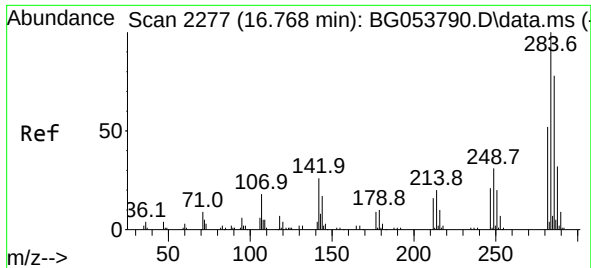
Tgt Ion:169 Resp: 256401
 Ion Ratio Lower Upper
 169 100
 168 66.3 55.9 83.9
 167 36.5 30.6 46.0



#67
 4-Bromophenyl-phenylether
 Concen: 52.850 ng
 RT: 16.643 min Scan# 2256
 Delta R.T. -0.002 min
 Lab File: BG053831.D
 Acq: 6 Jun 2022 16:25

Tgt Ion:248 Resp: 113192
 Ion Ratio Lower Upper
 248 100
 250 95.3 75.2 112.8
 141 57.1 50.0 75.0

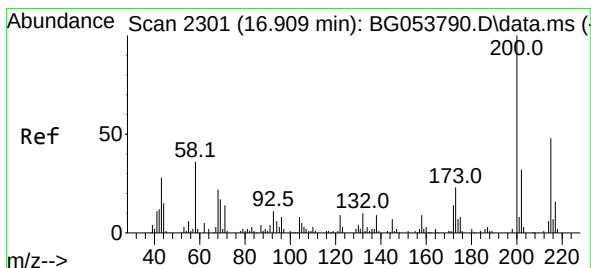
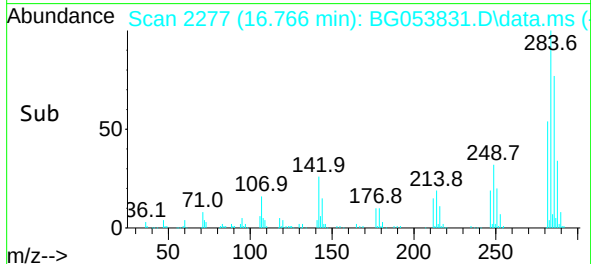
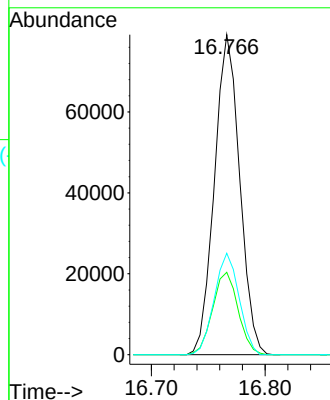
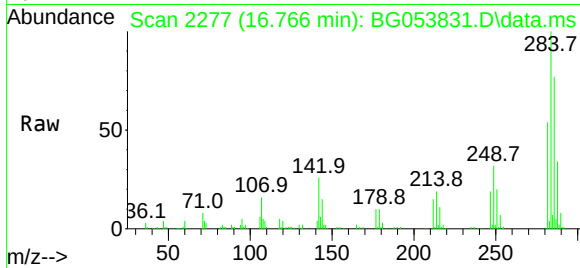




#68
Hexachlorobenzene
Concen: 51.156 ng
RT: 16.766 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

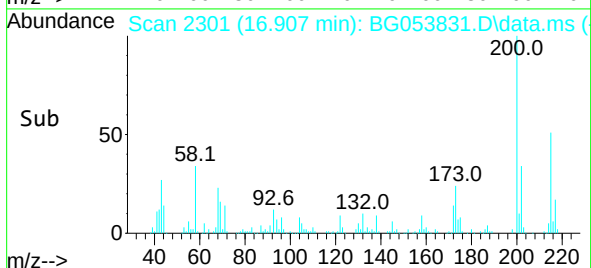
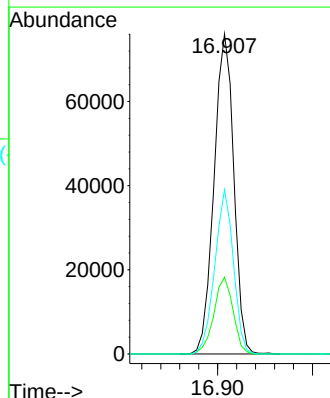
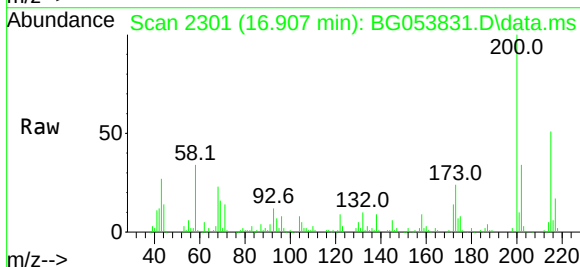
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

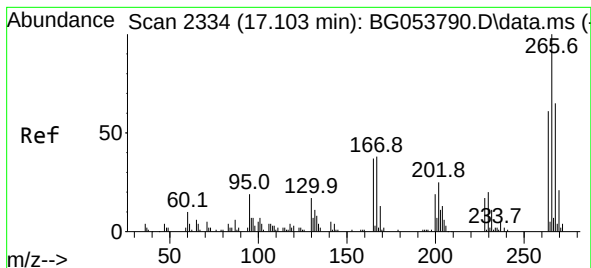
Tgt Ion:284 Resp: 122128
Ion Ratio Lower Upper
284 100
142 25.8 23.6 35.4
249 33.8 25.8 38.6



#69
Atrazine
Concen: 53.600 ng
RT: 16.907 min Scan# 2301
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:200 Resp: 110005
Ion Ratio Lower Upper
200 100
173 24.0 3.7 43.7
215 51.4 25.2 65.2





#70

Pentachlorophenol

Concen: 65.679 ng

RT: 17.107 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

Instrument :

BNA_G

ClientSampleId :

NEWARK-SPMS

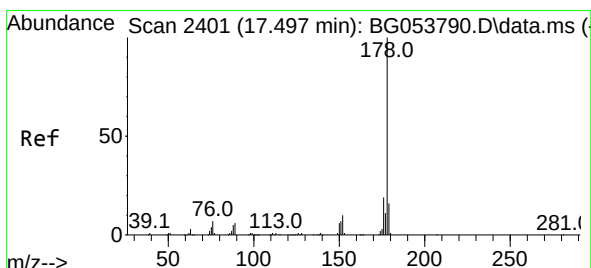
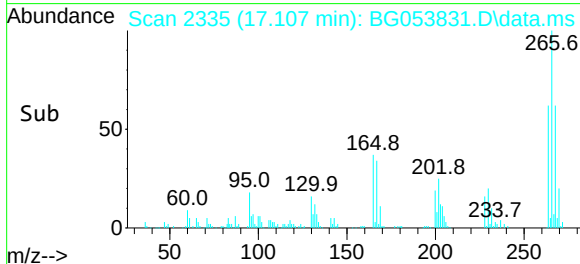
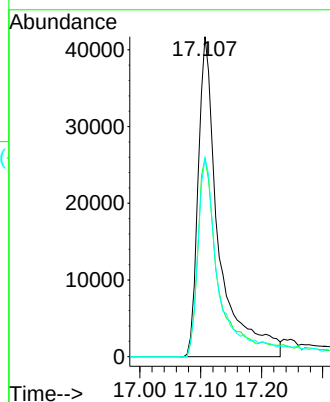
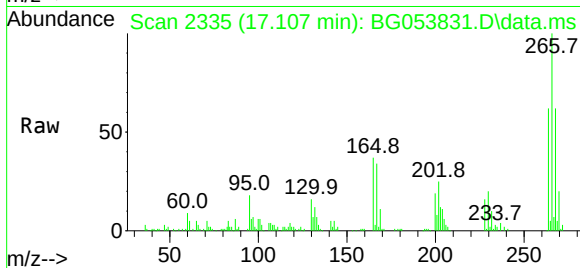
Tgt Ion:266 Resp: 98339

Ion Ratio Lower Upper

266 100

268 66.5 56.2 84.2

264 62.1 53.0 79.4



#71

Phenanthrene

Concen: 47.236 ng

RT: 17.501 min Scan# 2402

Delta R.T. 0.004 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

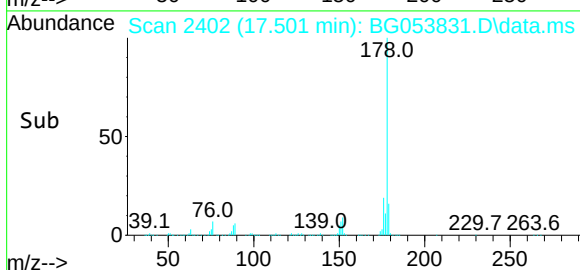
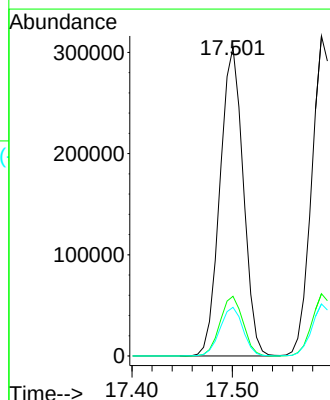
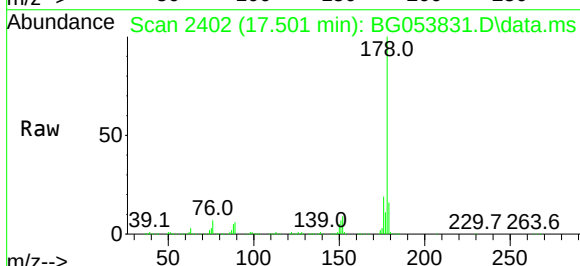
Tgt Ion:178 Resp: 490104

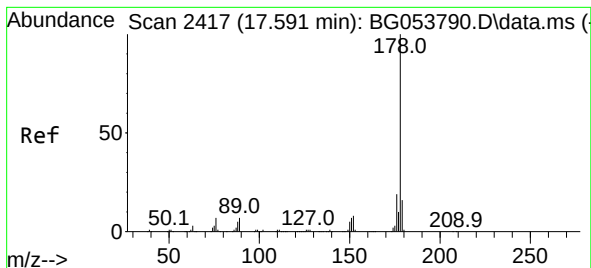
Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

179 15.7 12.1 18.1





#72

Anthracene

Concen: 48.578 ng

RT: 17.589 min Scan# 2417

Delta R.T. -0.002 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

Instrument :

BNA_G

ClientSampleId :

NEWARK-SPMS

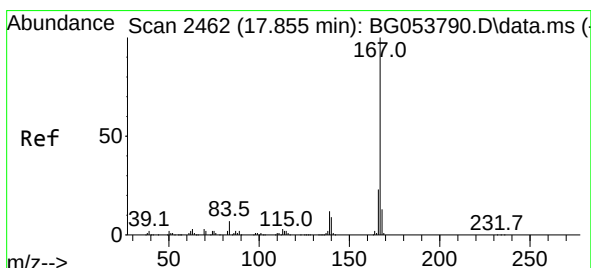
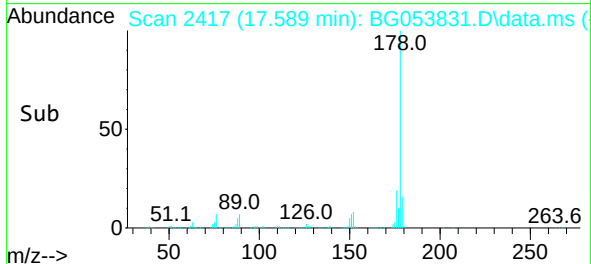
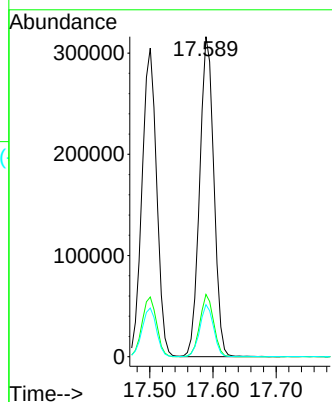
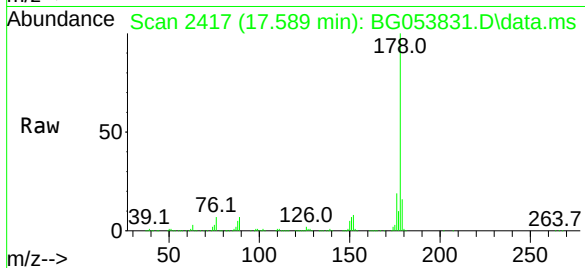
Tgt Ion:178 Resp: 493289

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 16.3 13.0 19.4



#73

Carbazole

Concen: 47.787 ng

RT: 17.853 min Scan# 2462

Delta R.T. -0.002 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

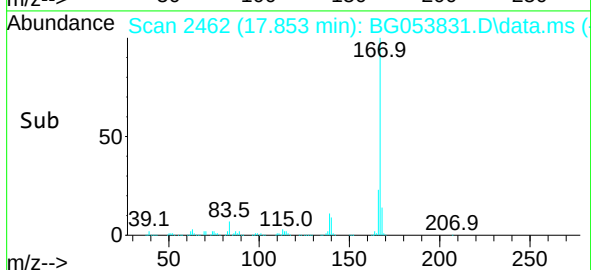
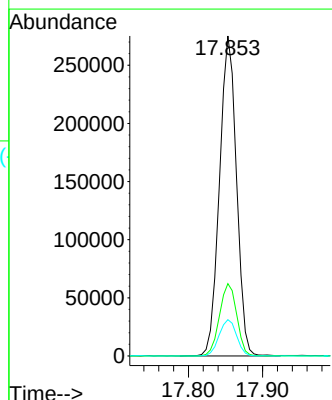
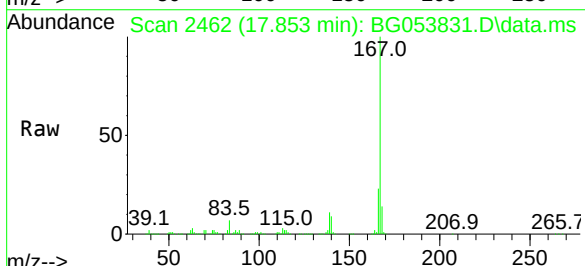
Tgt Ion:167 Resp: 438023

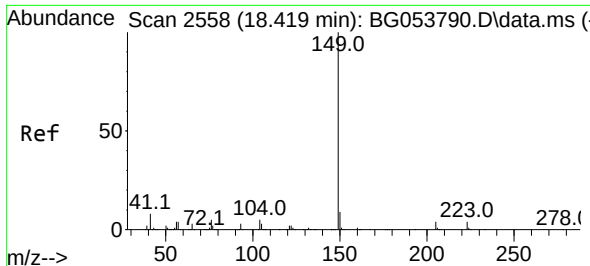
Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

139 11.3 10.1 15.1

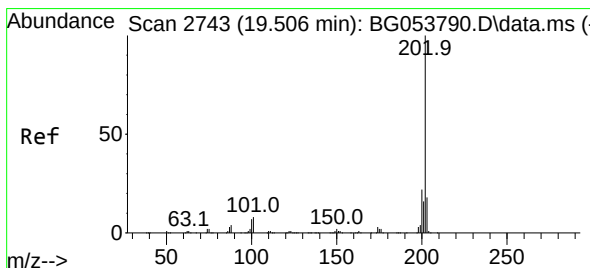
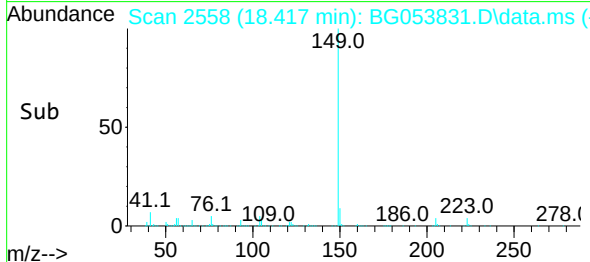
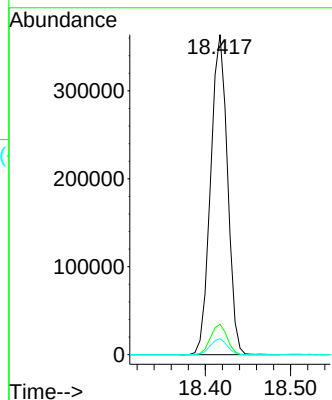
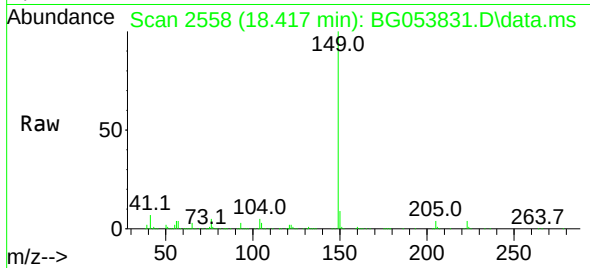




#74
Di-n-butylphthalate
Concen: 47.379 ng
RT: 18.417 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

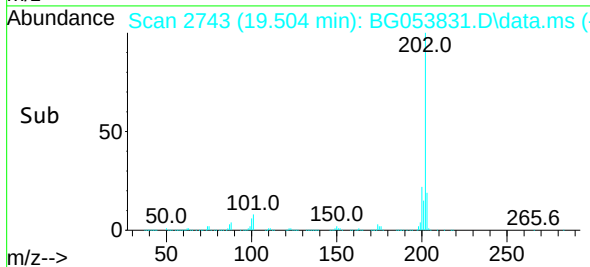
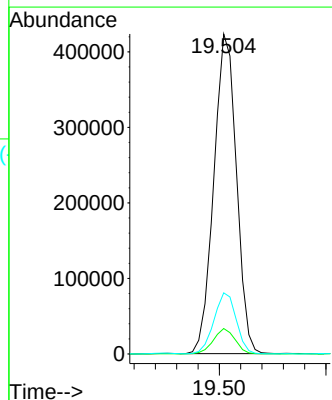
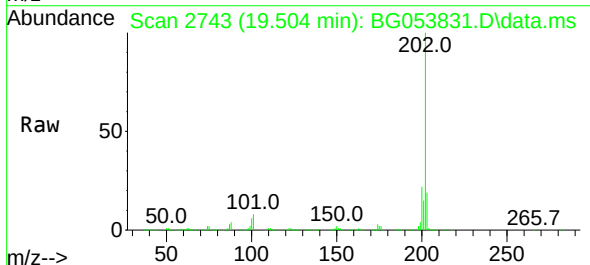
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

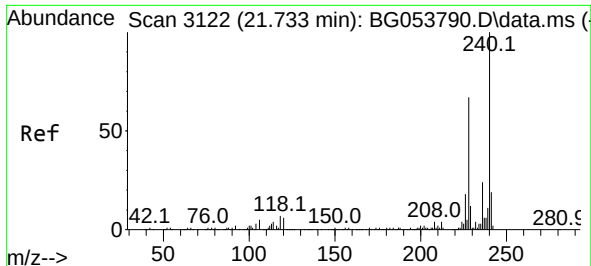
Tgt Ion:149 Resp: 499394
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.0 5.4 8.0#



#75
Fluoranthene
Concen: 46.395 ng
RT: 19.504 min Scan# 2743
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:202 Resp: 624362
Ion Ratio Lower Upper
202 100
101 8.0 0.0 26.9
203 19.1 0.0 37.2

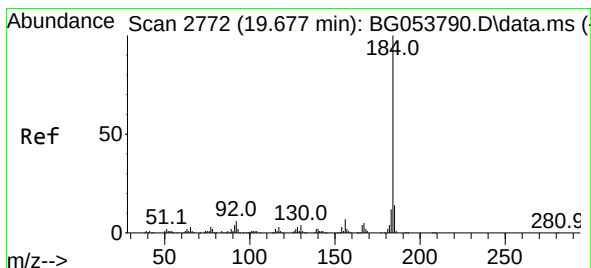
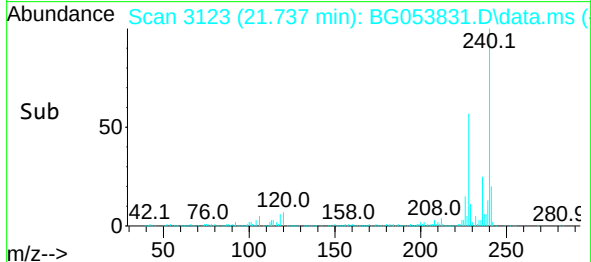
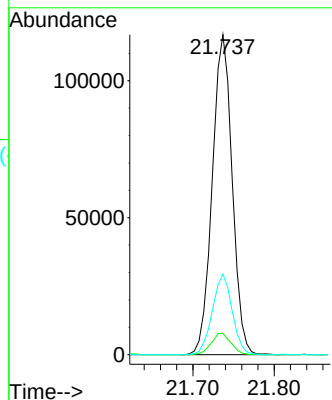
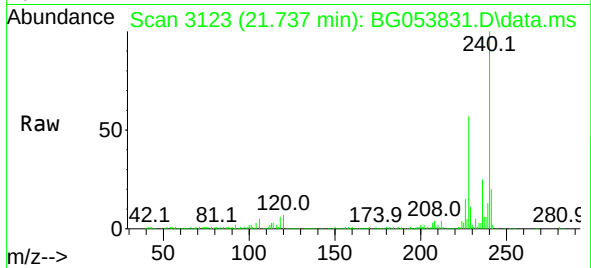




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

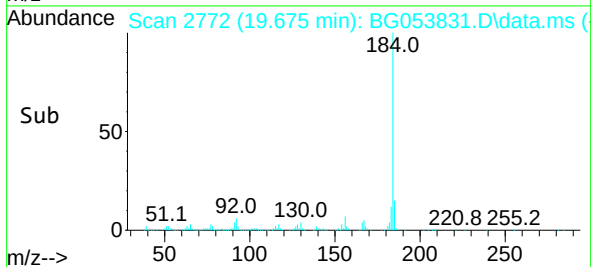
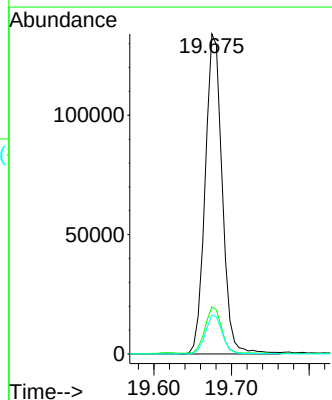
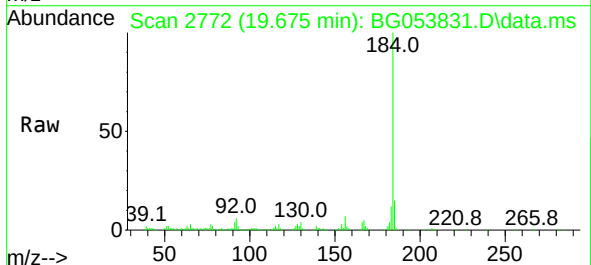
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

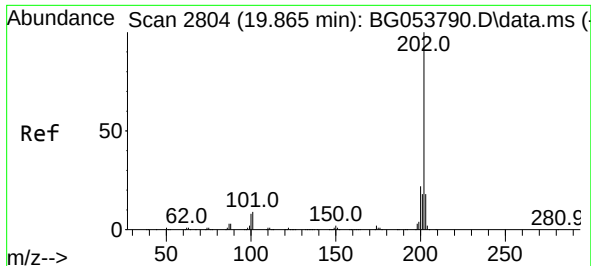
Tgt Ion:240 Resp: 198415
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 25.1 20.2 30.4



#77
Benzidine
Concen: 42.283 ng
RT: 19.675 min Scan# 2772
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:184 Resp: 205149
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.1 8.9 13.3

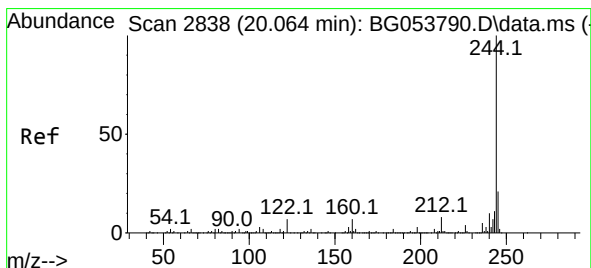
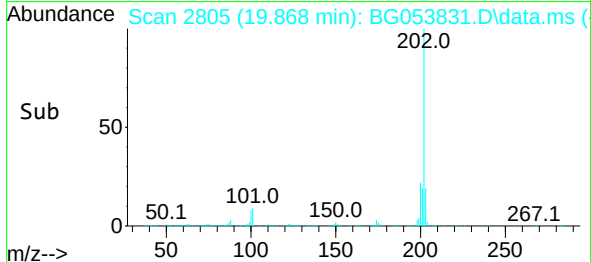
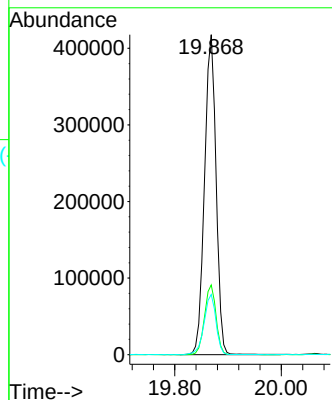
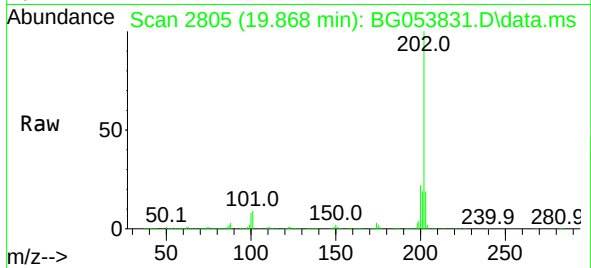




#78
 Pyrene
 Concen: 49.720 ng
 RT: 19.868 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG053831.D
 Acq: 6 Jun 2022 16:25

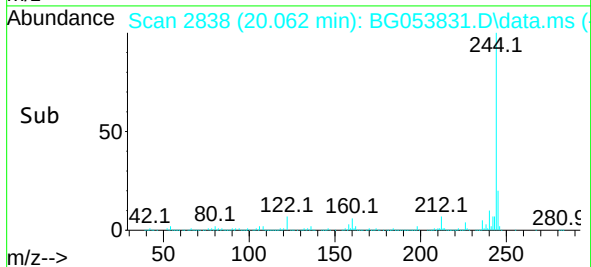
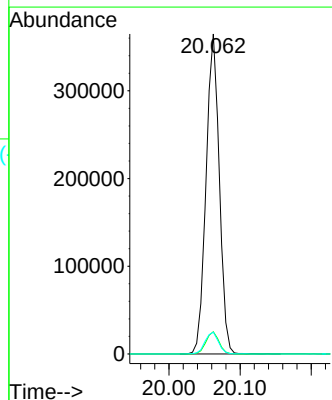
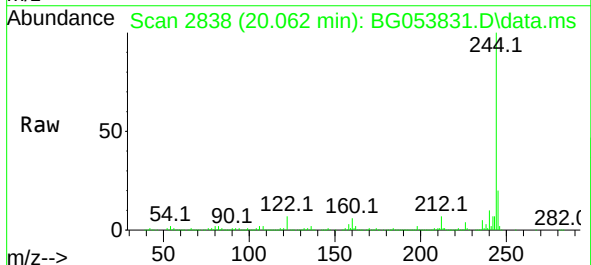
Instrument :
 BNA_G
 ClientSampleId :
 NEWARK-SPMS

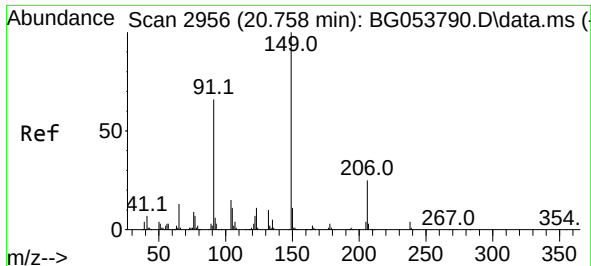
Tgt Ion:202 Resp: 627381
 Ion Ratio Lower Upper
 202 100
 200 21.8 16.6 24.8
 203 18.8 14.6 21.8



#79
 Terphenyl-d14
 Concen: 47.494 ng
 RT: 20.062 min Scan# 2838
 Delta R.T. -0.002 min
 Lab File: BG053831.D
 Acq: 6 Jun 2022 16:25

Tgt Ion:244 Resp: 473684
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 6.8 5.0 7.4

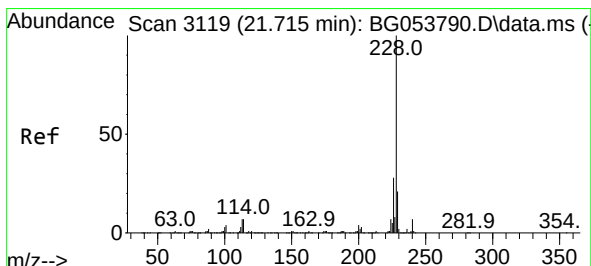
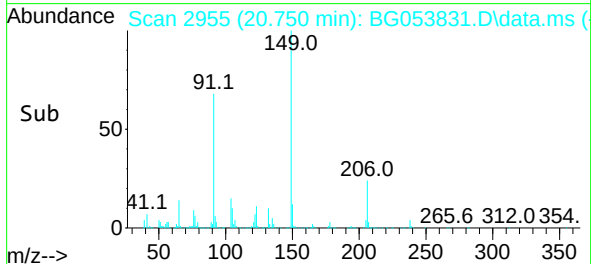
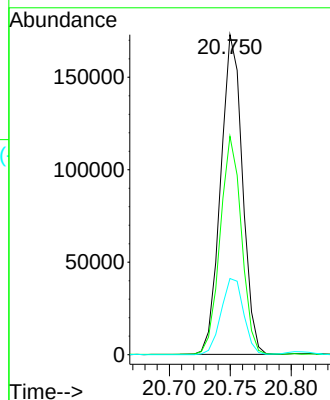
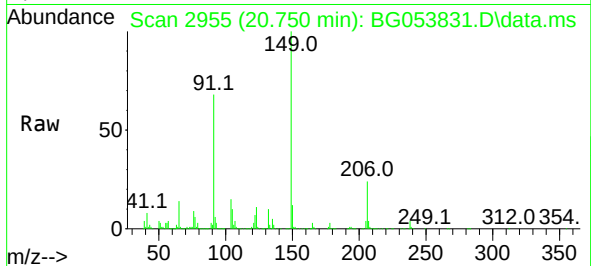




#80
Butylbenzylphthalate
Concen: 52.216 ng
RT: 20.750 min Scan# 2956
Delta R.T. -0.008 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

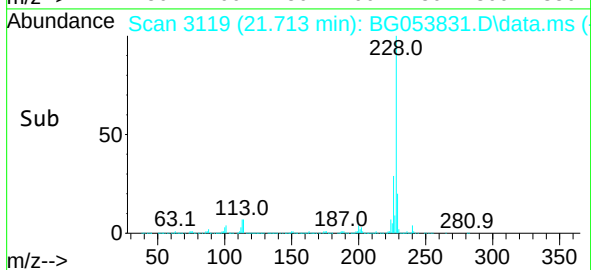
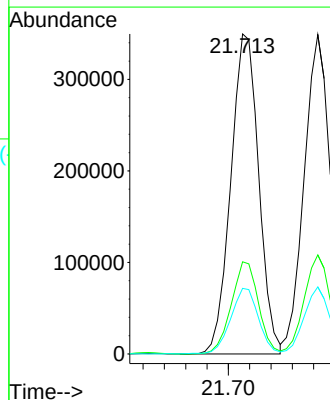
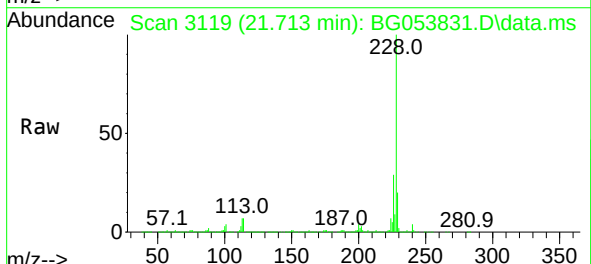
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

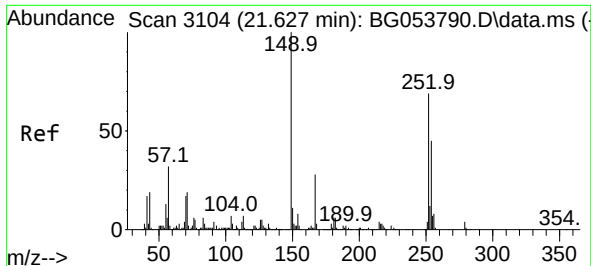
Tgt Ion:149 Resp: 214882
Ion Ratio Lower Upper
149 100
91 68.2 59.6 89.4
206 23.8 18.6 28.0



#81
Benzo(a)anthracene
Concen: 48.340 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:228 Resp: 636762
Ion Ratio Lower Upper
228 100
226 28.8 21.6 32.4
229 20.5 16.2 24.2

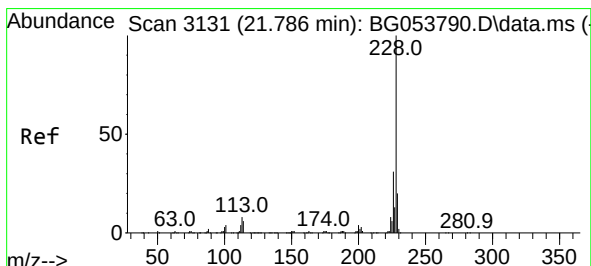
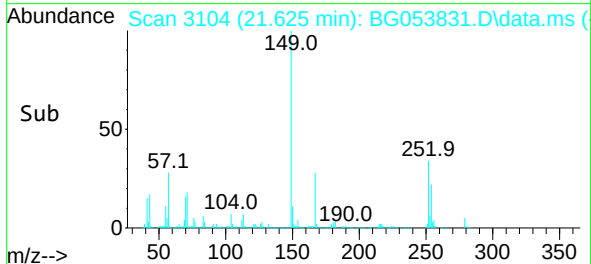
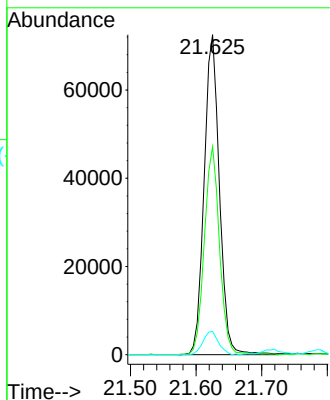
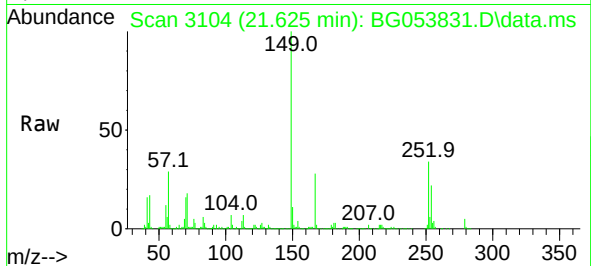




#82
3,3'-Dichlorobenzidine
Concen: 31.648 ng
RT: 21.625 min Scan# 3104
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

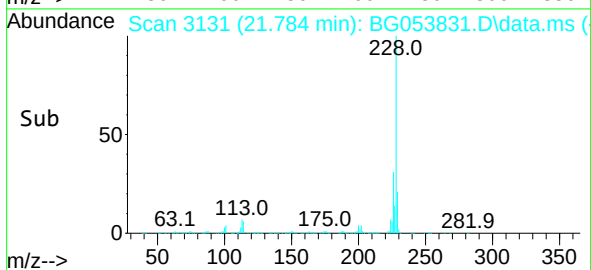
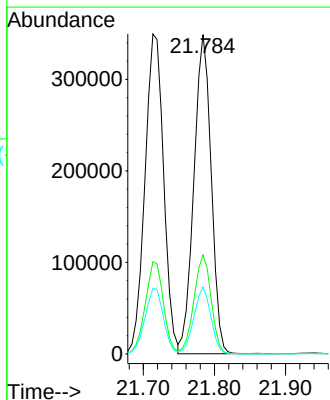
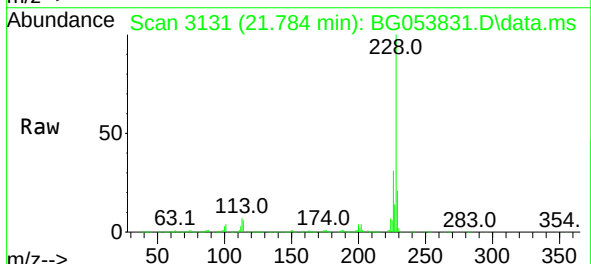
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

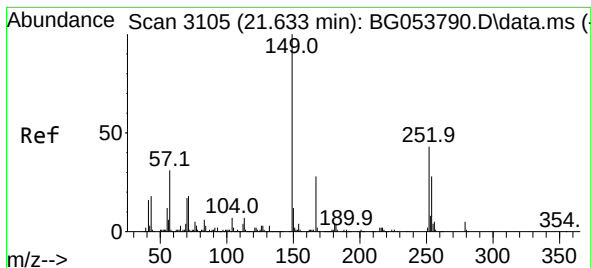
Tgt Ion:252 Resp: 117501
Ion Ratio Lower Upper
252 100
254 65.0 49.8 74.8
126 7.3 6.0 9.0



#83
Chrysene
Concen: 47.404 ng
RT: 21.784 min Scan# 3131
Delta R.T. -0.002 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:228 Resp: 589405
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 21.0 15.5 23.3

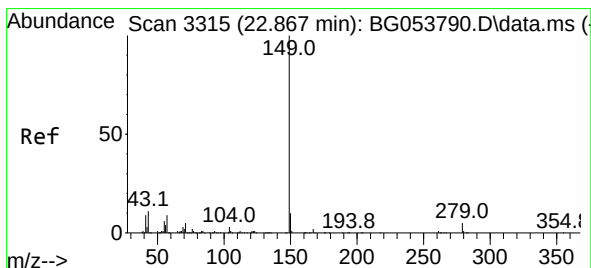
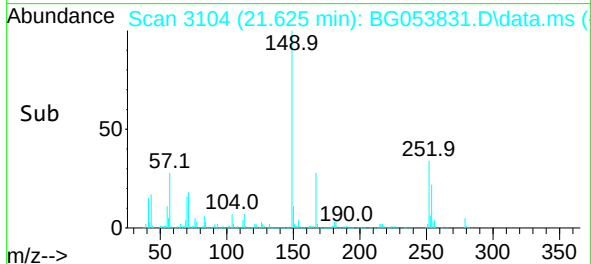
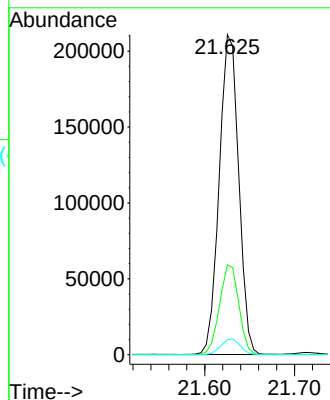
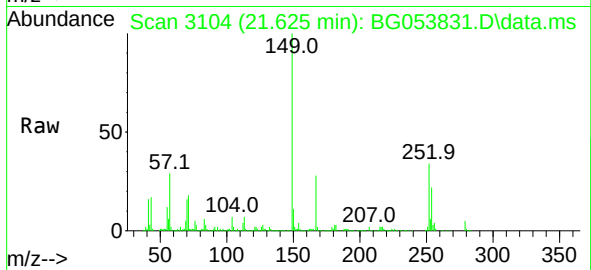




#84
Bis(2-ethylhexyl)phthalate
Concen: 53.565 ng
RT: 21.625 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

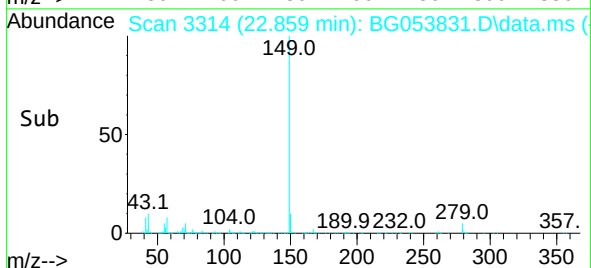
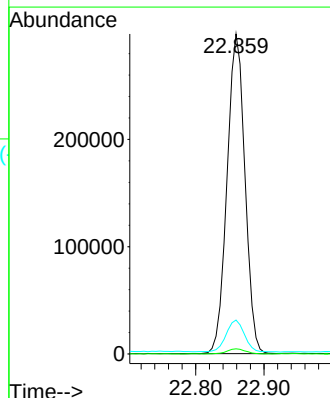
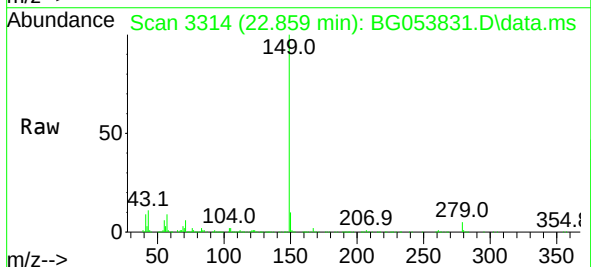
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

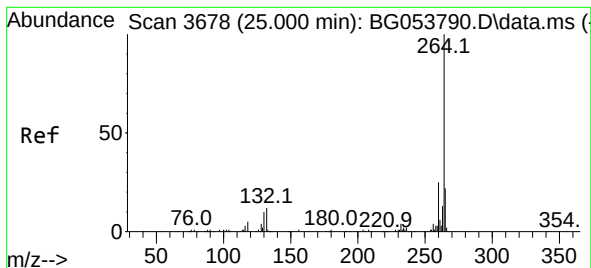
Tgt Ion:149 Resp: 316982
Ion Ratio Lower Upper
149 100
167 28.0 20.2 30.4
279 4.7 3.6 5.4



#85
Di-n-octyl phthalate
Concen: 55.308 ng
RT: 22.859 min Scan# 3314
Delta R.T. -0.008 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:149 Resp: 544297
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.3 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

Instrument :

BNA_G

ClientSampleId :

NEWARK-SPMS

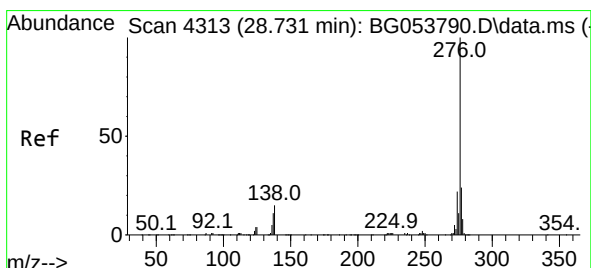
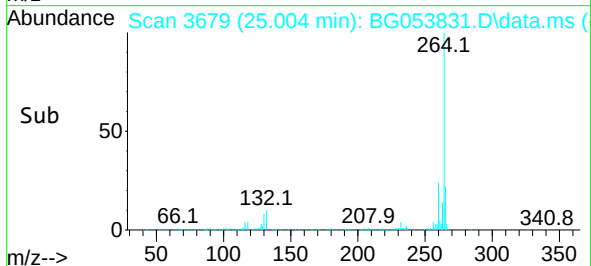
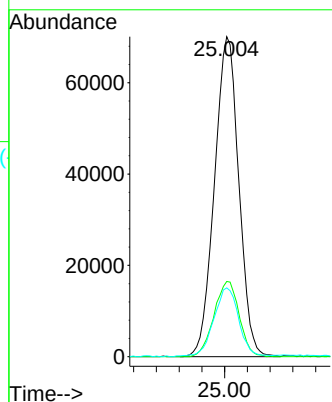
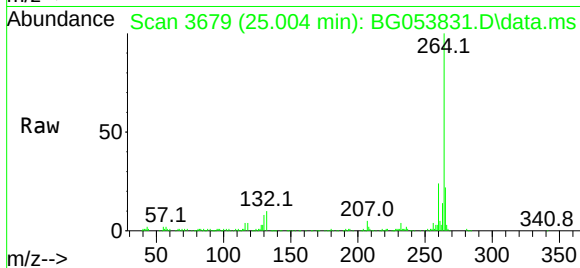
Tgt Ion:264 Resp: 208167

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.5 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.465 ng

RT: 28.746 min Scan# 4316

Delta R.T. 0.016 min

Lab File: BG053831.D

Acq: 6 Jun 2022 16:25

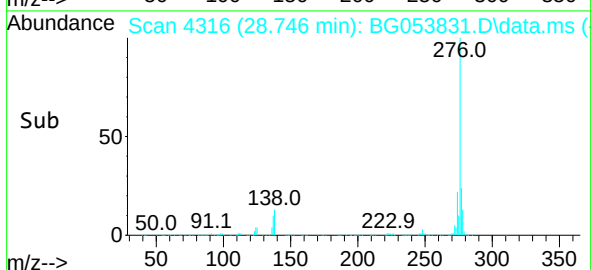
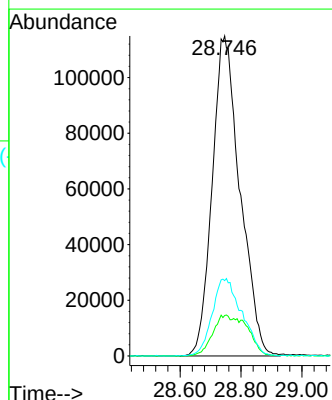
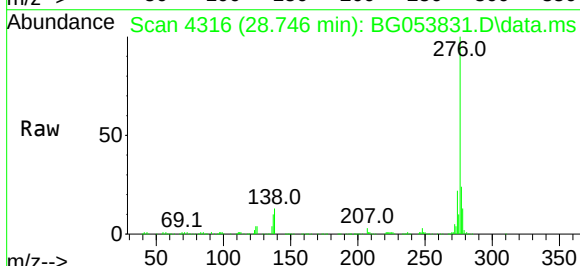
Tgt Ion:276 Resp: 728286

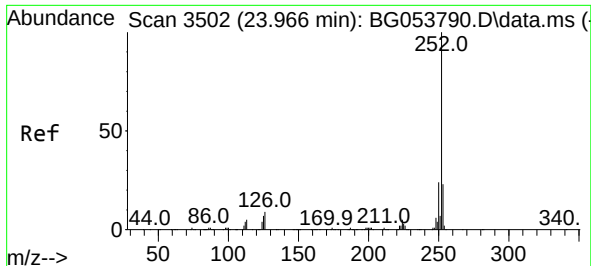
Ion Ratio Lower Upper

276 100

138 8.6 5.0 7.4#

277 25.9 20.3 30.5

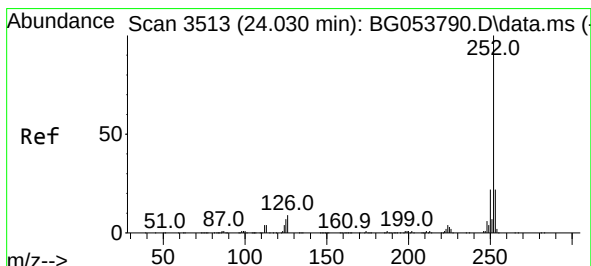
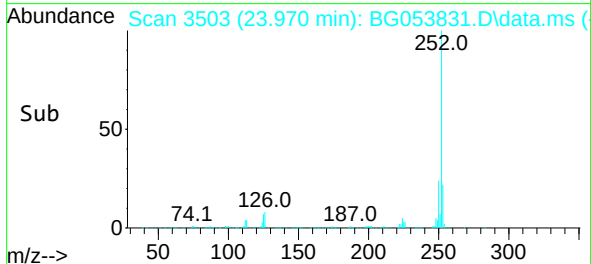
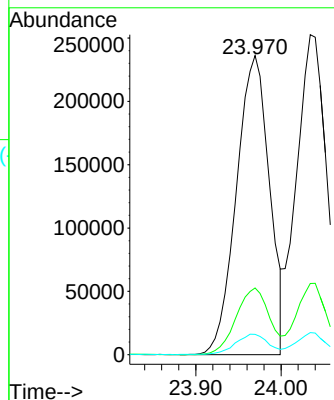
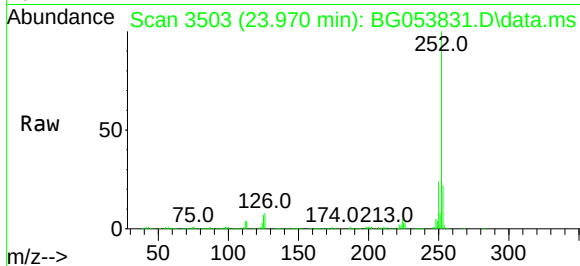




#88
Benzo(b)fluoranthene
Concen: 49.103 ng
RT: 23.970 min Scan# 3503
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

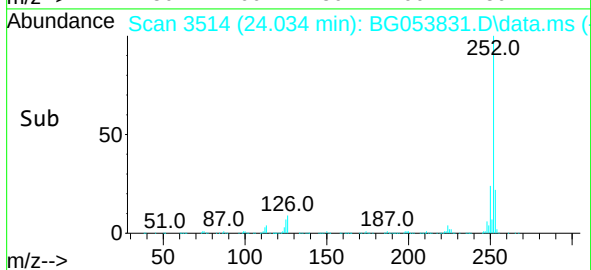
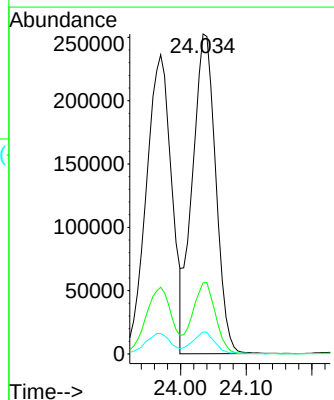
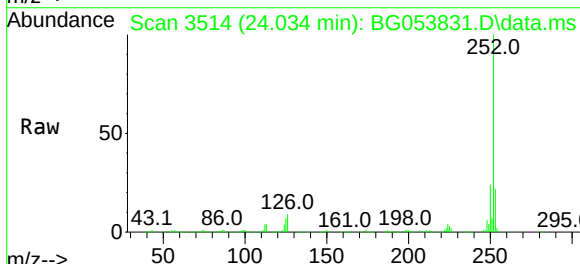
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

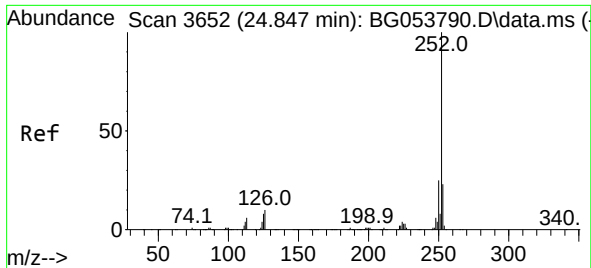
Tgt Ion:252 Resp: 634589
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 6.8 4.6 6.8



#89
Benzo(k)fluoranthene
Concen: 48.798 ng
RT: 24.034 min Scan# 3514
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:252 Resp: 623364
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 6.9 4.8 7.2

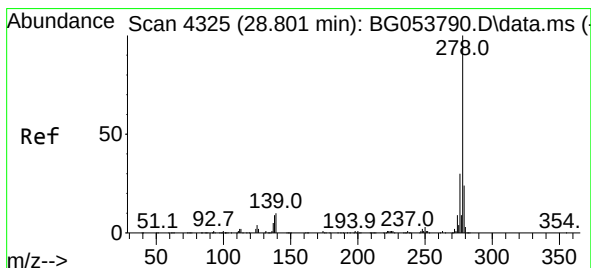
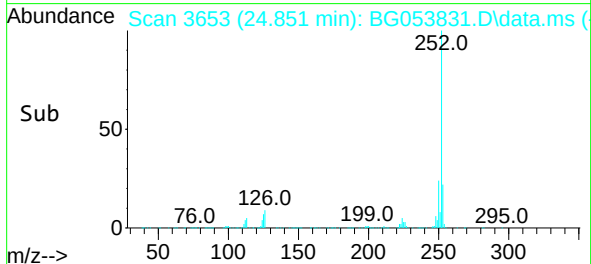
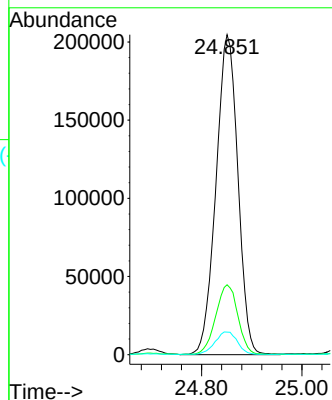
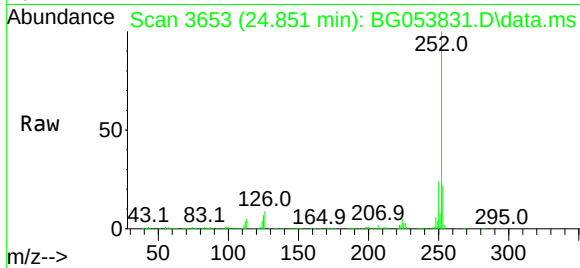




#90
Benzo(a)pyrene
Concen: 56.687 ng
RT: 24.851 min Scan# 3653
Delta R.T. 0.004 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

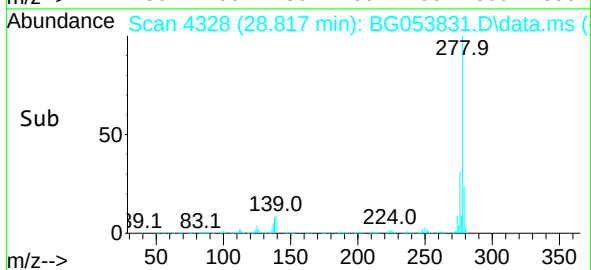
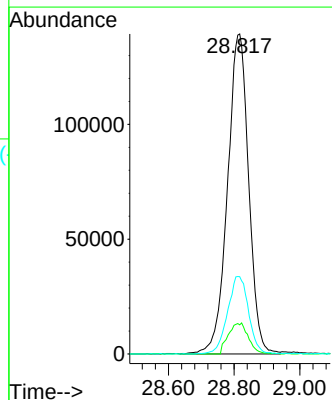
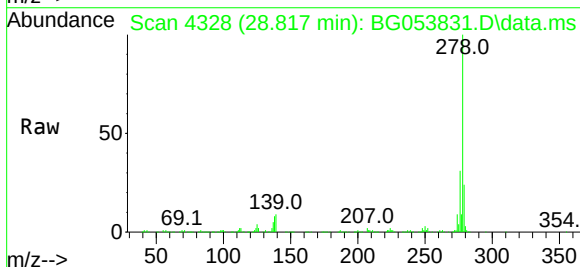
Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

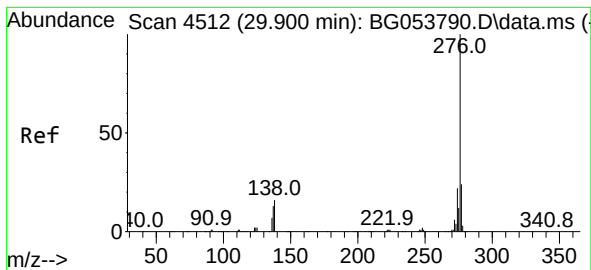
Tgt Ion:252 Resp: 619576
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 7.0 4.3 6.5#



#91
Dibenzo(a,h)anthracene
Concen: 49.212 ng
RT: 28.817 min Scan# 4328
Delta R.T. 0.016 min
Lab File: BG053831.D
Acq: 6 Jun 2022 16:25

Tgt Ion:278 Resp: 623968
Ion Ratio Lower Upper
278 100
139 9.1 7.2 10.8
279 24.2 18.6 27.8





#92

Benzo(g,h,i)perylene

Concen: 50.329 ng

RT: 29.910 min Scan# 4

Delta R.T. 0.010 min

Lab File: BG053831.D

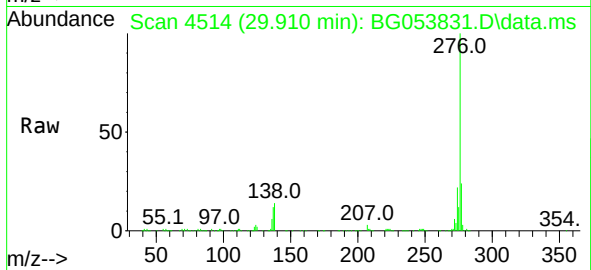
Acq: 6 Jun 2022 16:25

Instrument :

BNA_G

ClientSampleId :

NEWARK-SPMS



Tgt Ion:276 Resp: 629009

Ion Ratio Lower Upper

276 100

277 24.2 17.3 25.9

138 13.6 9.6 14.4

