

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052822.D
 Acq On : 24 Mar 2022 23:33
 Operator : CG/JU
 Sample : N2091-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MHBMSD

Quant Time: Mar 25 03:20:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	30201	20.000	ng	0.00
21) Naphthalene-d8	10.956	136	126519	20.000	ng	0.00
39) Acenaphthene-d10	14.762	164	104379	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	267705	20.000	ng	0.00
76) Chrysene-d12	21.800	240	256306	20.000	ng	0.00
86) Perylene-d12	25.113	264	277291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	201258	116.054	ng	0.00
7) Phenol-d6	7.296	99	302579	115.733	ng	0.00
23) Nitrobenzene-d5	9.305	82	209262	83.015	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	180233	128.502	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	464864	65.684	ng	0.00
79) Terphenyl-d14	20.108	244	919366	63.807	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.589	88	32427	37.380	ng	# 94
3) Pyridine	3.989	79	83045	37.345	ng	91
4) n-Nitrosodimethylamine	3.895	42	48092	48.750	ng	93
6) Aniline	7.460	93	138314	45.119	ng	96
8) 2-Chlorophenol	7.707	128	97745	53.641	ng	95
9) Benzaldehyde	7.272	77	60472	42.710	ng	97
10) Phenol	7.319	94	137431	53.251	ng	92
11) bis(2-Chloroethyl)ether	7.554	93	92221	47.317	ng	98
12) 1,3-Dichlorobenzene	8.036	146	98124	44.724	ng	97
13) 1,4-Dichlorobenzene	8.177	146	97768	44.352	ng	94
14) 1,2-Dichlorobenzene	8.500	146	95691	45.900	ng	99
15) Benzyl Alcohol	8.371	79	113456	51.539	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.665	45	145897	42.986	ng	98
17) 2-Methylphenol	8.577	107	92357	53.681	ng	94
18) Hexachloroethane	9.234	117	37341	46.170	ng	96
19) n-Nitroso-di-n-propyla...	8.947	70	89586	48.380	ng	# 96
20) 3+4-Methylphenols	8.906	107	129444	53.761	ng	90
22) Acetophenone	8.964	105	153179	46.785	ng	95
24) Nitrobenzene	9.346	77	138043	54.731	ng	# 88
25) Isophorone	9.875	82	251880	51.604	ng	98
26) 2-Nitrophenol	10.063	139	56700	64.734	ng	95
27) 2,4-Dimethylphenol	10.116	122	100927	56.324	ng	96
28) bis(2-Chloroethoxy)met...	10.351	93	133981	46.423	ng	96
29) 2,4-Dichlorophenol	10.597	162	112848	55.967	ng	96
30) 1,2,4-Trichlorobenzene	10.815	180	111580	46.910	ng	95
31) Naphthalene	11.009	128	308591	47.167	ng	99
32) Benzoic acid	10.251	122	79758	58.528	ng	93
33) 4-Chloroaniline	11.103	127	85364	30.784	ng	97
34) Hexachlorobutadiene	11.296	225	77625	45.517	ng	96
35) Caprolactam	11.878	113	25525	46.361	ng	# 83
36) 4-Chloro-3-methylphenol	12.219	107	136244	58.188	ng	94
37) 2-Methylnaphthalene	12.606	142	230719	48.154	ng	97
38) 1-Methylnaphthalene	12.606	142	230719	49.340	ng	100
40) 1,2,4,5-Tetrachloroben...	12.971	216	146852	45.033	ng	98
41) Hexachlorocyclopentadiene	12.953	237	184738	95.572	ng	97
43) 2,4,6-Trichlorophenol	13.200	196	108167	51.795	ng	98

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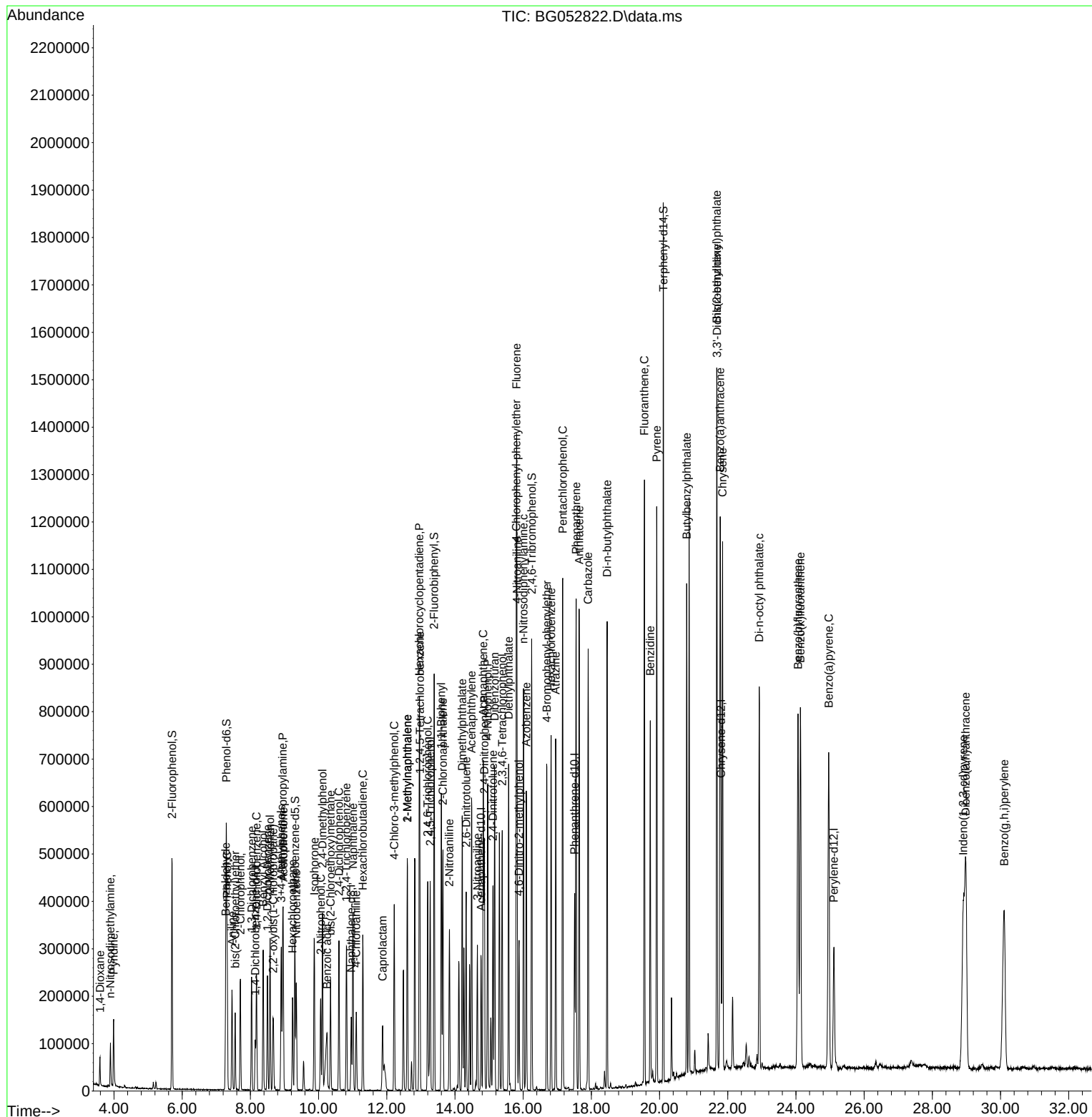
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.276	196	121929	57.523	ng	98
46) 1,1'-Biphenyl	13.599	154	327178	44.821	ng	96
47) 2-Chloronaphthalene	13.646	162	261068	45.414	ng	96
48) 2-Nitroaniline	13.834	65	105088	66.843	ng	90
49) Acenaphthylene	14.486	152	454862	49.637	ng	97
50) Dimethylphthalate	14.210	163	364596	46.999	ng	100
51) 2,6-Dinitrotoluene	14.328	165	82111	62.691	ng	# 80
52) Acenaphthene	14.827	154	334544	56.986	ng	99
53) 3-Nitroaniline	14.657	138	69612	45.420	ng	92
54) 2,4-Dinitrophenol	14.862	184	112731	157.900	ng	# 86
55) Dibenzofuran	15.162	168	445967	46.518	ng	98
56) 4-Nitrophenol	14.962	139	151271	120.998	ng	# 82
57) 2,4-Dinitrotoluene	15.115	165	119093	65.533	ng	# 91
58) Fluorene	15.808	166	369304	47.257	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.385	232	121339	53.556	ng	98
60) Diethylphthalate	15.573	149	391378	47.795	ng	100
61) 4-Chlorophenyl-phenyle...	15.796	204	202003	46.870	ng	98
62) 4-Nitroaniline	15.820	138	91078	56.240	ng	# 80
63) Azobenzene	16.090	77	404494	46.216	ng	97
65) 4,6-Dinitro-2-methylph...	15.878	198	73702	61.754	ng	93
66) n-Nitrosodiphenylamine	16.008	169	339516	45.048	ng	99
67) 4-Bromophenyl-phenylether	16.695	248	147710	45.766	ng	97
68) Hexachlorobenzene	16.818	284	164347	47.374	ng	95
69) Atrazine	16.953	200	148338	53.377	ng	98
70) Pentachlorophenol	17.159	266	217409	101.016	ng	95
71) Phenanthrene	17.553	178	657213	45.890	ng	98
72) Anthracene	17.641	178	666925	47.107	ng	99
73) Carbazole	17.905	167	611340	43.600	ng	100
74) Di-n-butylphthalate	18.463	149	703478	45.925	ng	99
75) Fluoranthene	19.556	202	834592	45.909	ng	99
77) Benzidine	19.726	184	446106	67.483	ng	98
78) Pyrene	19.914	202	825860	46.451	ng	100
80) Butylbenzylphthalate	20.795	149	311115	49.331	ng	97
81) Benzo(a)anthracene	21.776	228	807807	47.068	ng	99
82) 3,3'-Dichlorobenzidine	21.682	252	200748	33.123	ng	98
83) Chrysene	21.847	228	736110	45.623	ng	100
84) Bis(2-ethylhexyl)phtha...	21.676	149	424987	49.551	ng	99
85) Di-n-octyl phthalate	22.922	149	723943	50.702	ng	96
87) Indeno(1,2,3-cd)pyrene	28.908	276	891441	46.968	ng	# 96
88) Benzo(b)fluoranthene	24.061	252	845689	49.119	ng	96
89) Benzo(k)fluoranthene	24.132	252	787573	46.493	ng	97
90) Benzo(a)pyrene	24.960	252	805413	55.264	ng	100
91) Dibenzo(a,h)anthracene	28.978	278	771869	49.355	ng	98
92) Benzo(g,h,i)perylene	30.106	276	768898	49.689	ng	99

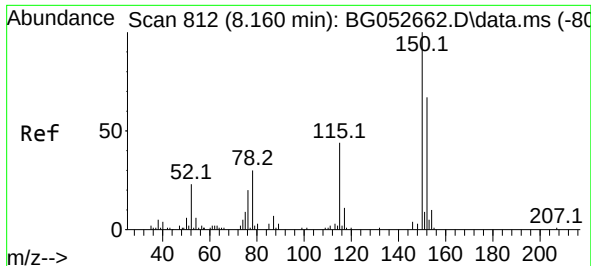
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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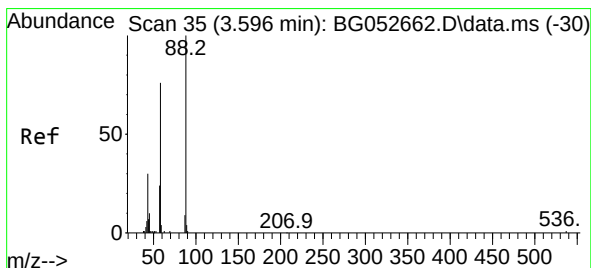
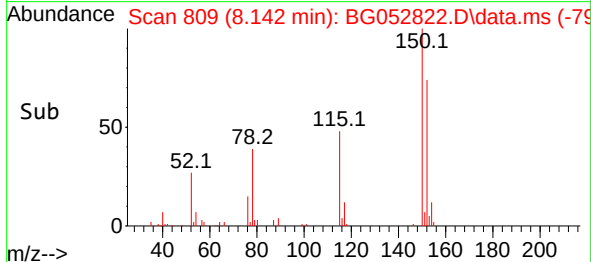
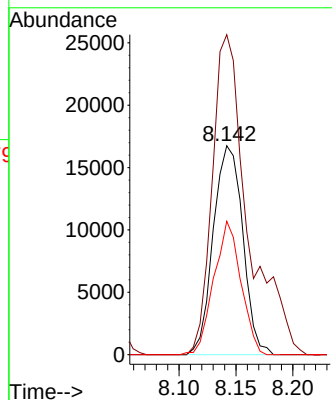
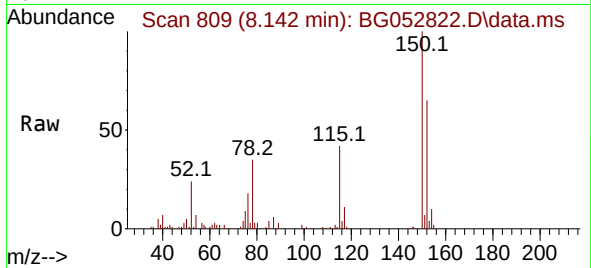




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG052822.D
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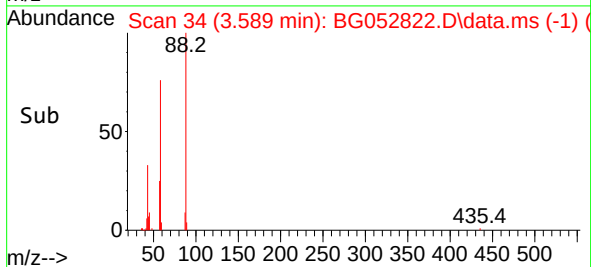
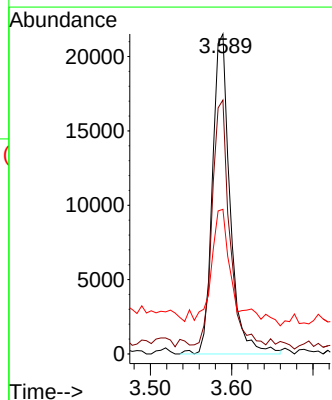
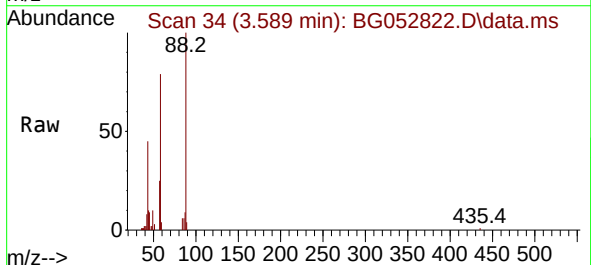
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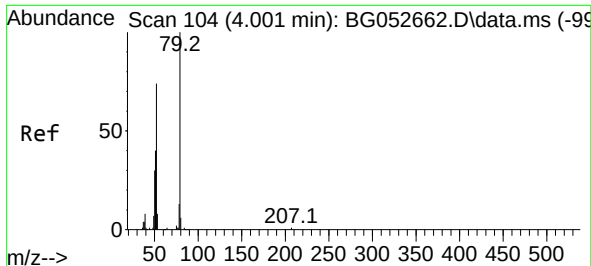
Tgt Ion:152 Resp: 30201
Ion Ratio Lower Upper
152 100
150 153.1 114.6 172.0
115 63.8 45.9 68.9



#2
1,4-Dioxane
Concen: 37.380 ng
RT: 3.589 min Scan# 34
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion: 88 Resp: 32427
Ion Ratio Lower Upper
88 100
58 75.7 58.2 87.2
43 35.1 23.4 35.0#

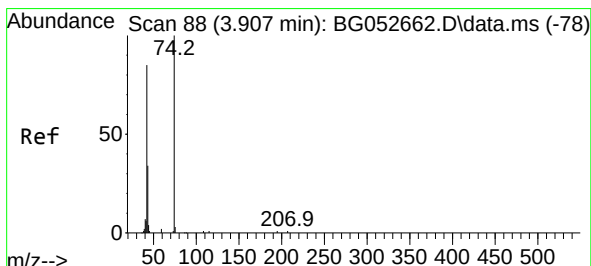
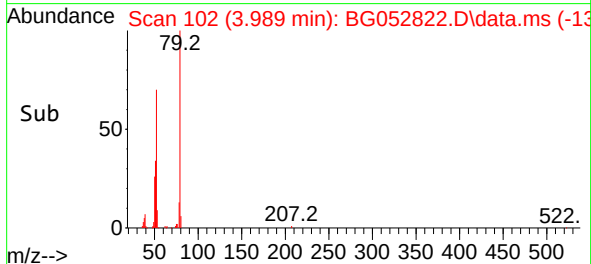
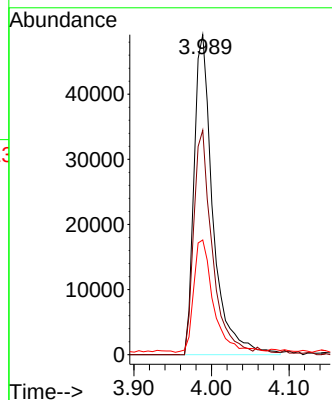
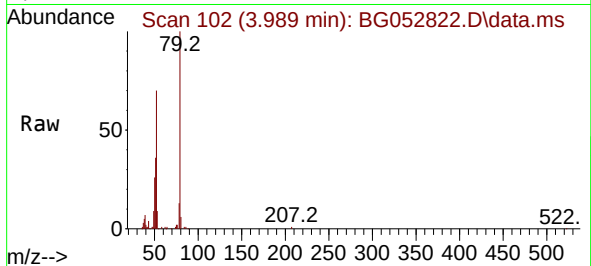




#3
Pyridine
Concen: 37.345 ng
RT: 3.989 min Scan# 104
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

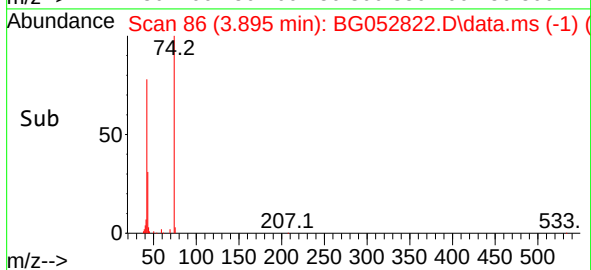
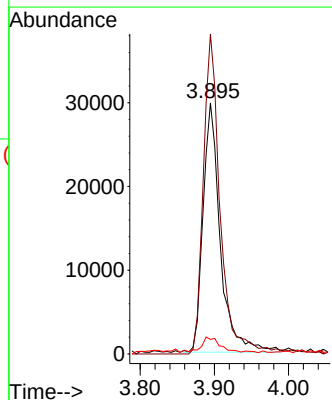
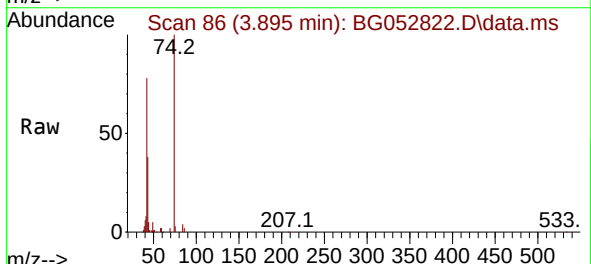
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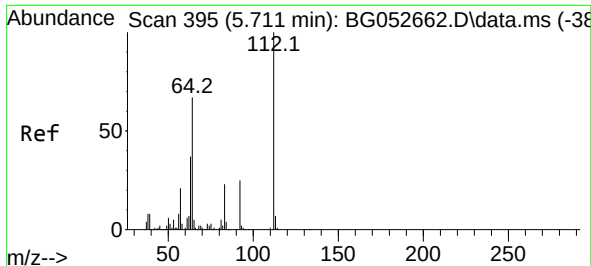
Tgt Ion: 79 Resp: 83045
Ion Ratio Lower Upper
79 100
52 70.1 50.9 76.3
51 35.9 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 48.750 ng
RT: 3.895 min Scan# 86
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion: 42 Resp: 48092
Ion Ratio Lower Upper
42 100
74 127.5 108.9 163.3
44 5.8 5.7 8.5

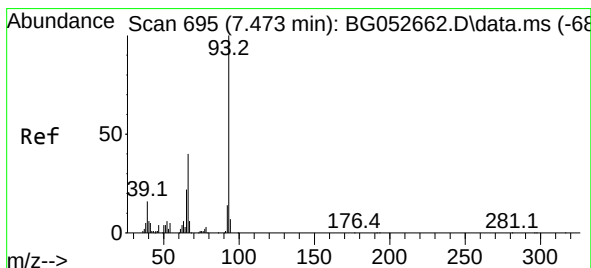
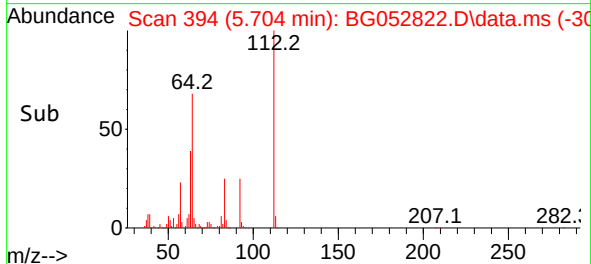
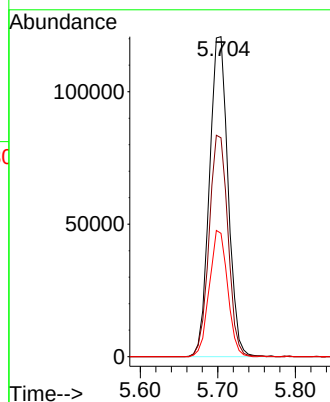
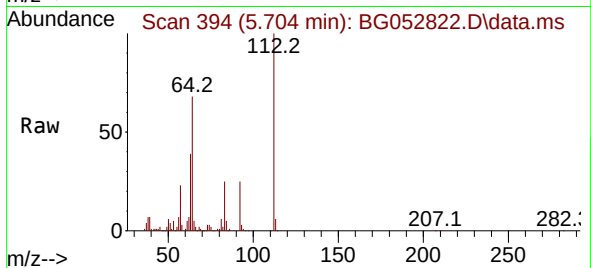




#5
2-Fluorophenol
Concen: 116.054 ng
RT: 5.704 min Scan# 394
Delta R.T. 0.007 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

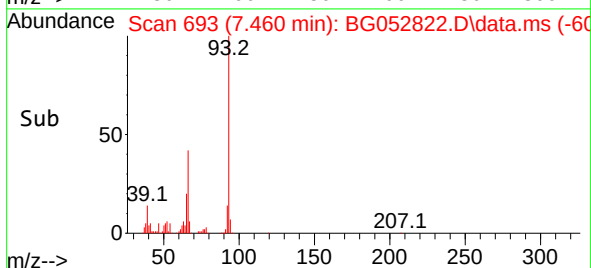
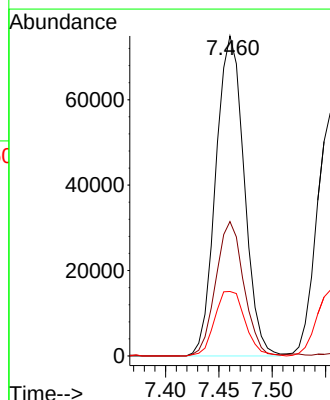
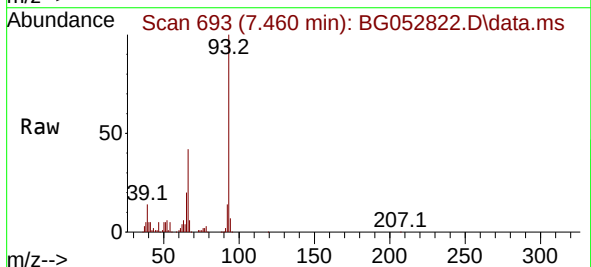
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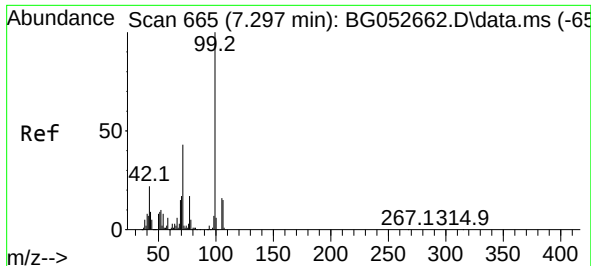
Tgt Ion:112 Resp: 201258
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 38.6 26.5 39.7



#6
Aniline
Concen: 45.119 ng
RT: 7.460 min Scan# 693
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion: 93 Resp: 138314
Ion Ratio Lower Upper
93 100
66 42.0 31.3 46.9
65 20.1 16.7 25.1

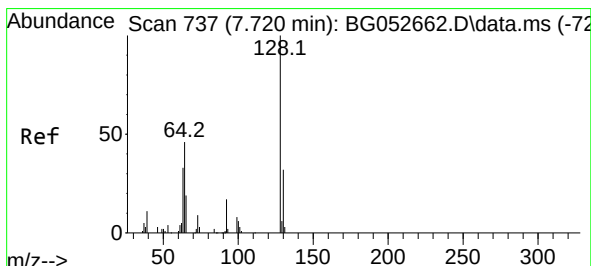
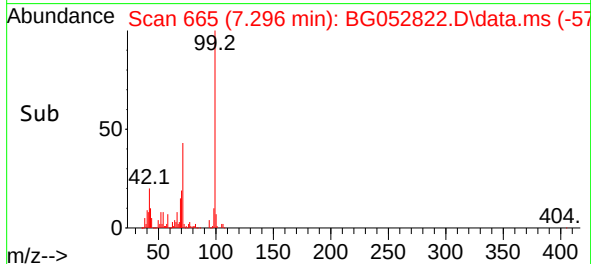
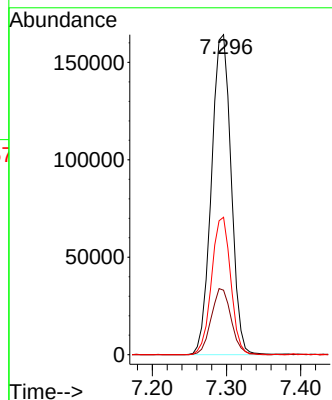
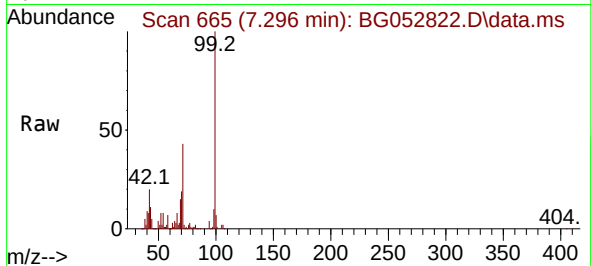




#7
Phenol-d6
Concen: 115.733 ng
RT: 7.296 min Scan# 665
Delta R.T. 0.007 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

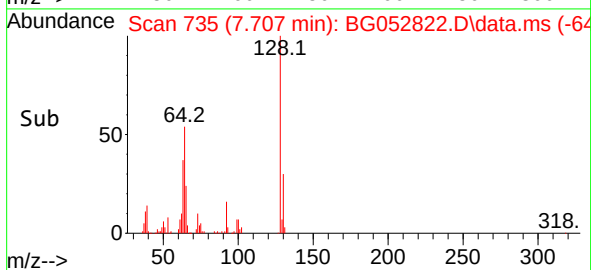
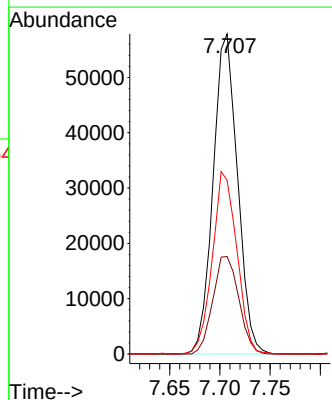
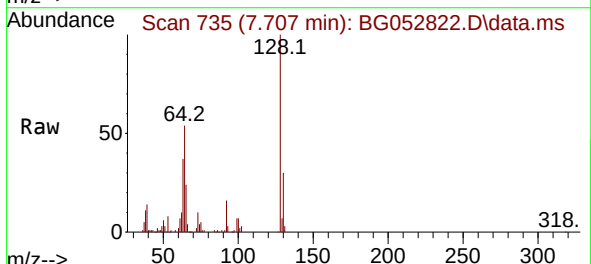
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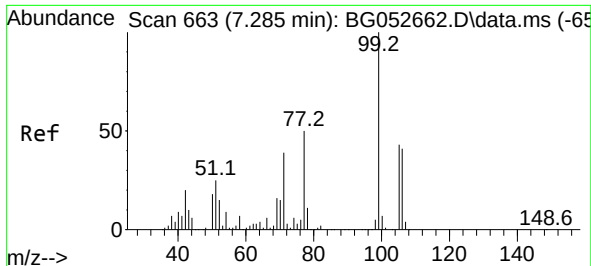
Tgt Ion: 99 Resp: 302579
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 43.0 29.2 43.8



#8
2-Chlorophenol
Concen: 53.641 ng
RT: 7.707 min Scan# 735
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion: 128 Resp: 97745
Ion Ratio Lower Upper
128 100
130 30.5 13.4 53.4
64 54.3 30.9 70.9

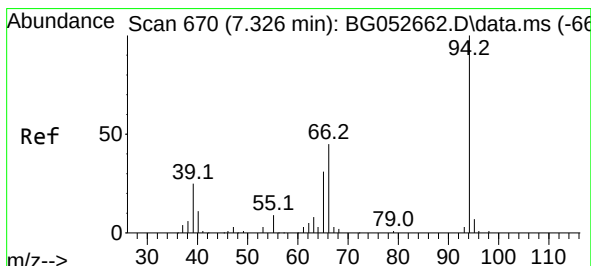
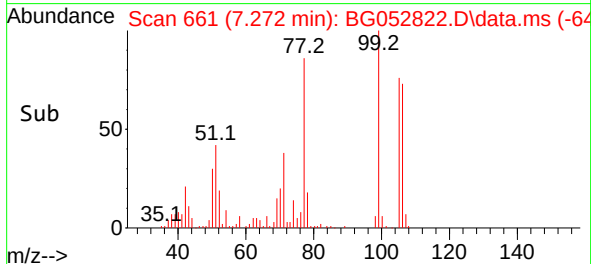
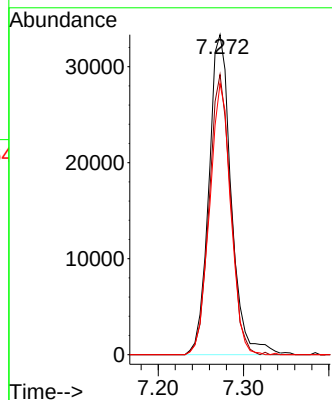
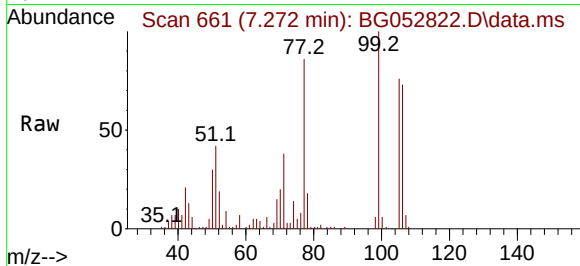




#9
Benzaldehyde
Concen: 42.710 ng
RT: 7.272 min Scan# 60
Delta R.T. 0.002 min
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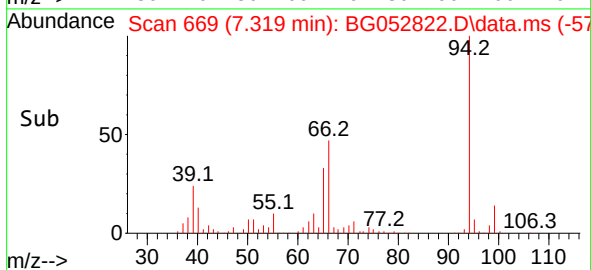
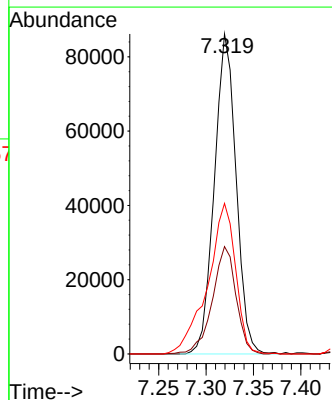
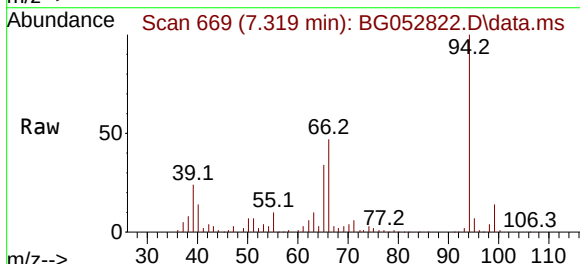
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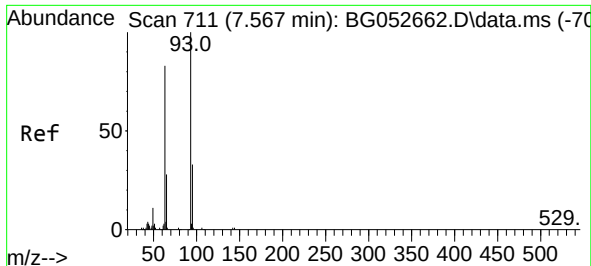
Tgt Ion: 77 Resp: 60472
Ion Ratio Lower Upper
77 100
105 87.5 70.6 110.6
106 84.8 67.6 107.6



#10
Phenol
Concen: 53.251 ng
RT: 7.319 min Scan# 669
Delta R.T. 0.002 min
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Tgt Ion: 94 Resp: 137431
Ion Ratio Lower Upper
94 100
65 33.6 11.1 51.1
66 47.0 20.0 60.0

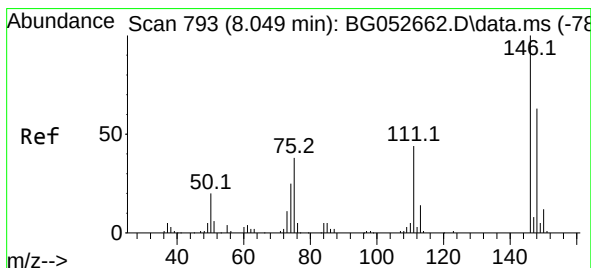
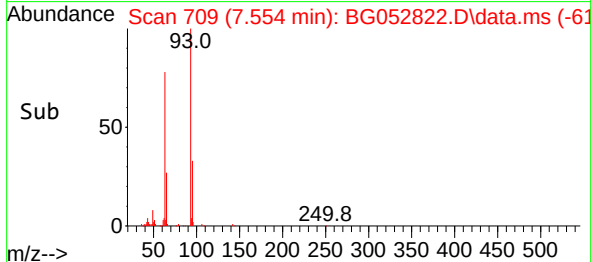
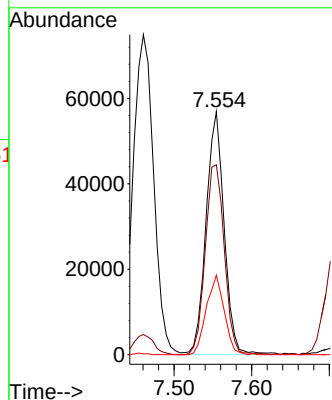
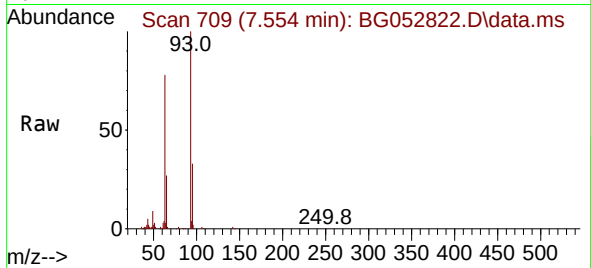




#11
bis(2-Chloroethyl)ether
Concen: 47.317 ng
RT: 7.554 min Scan# 709
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

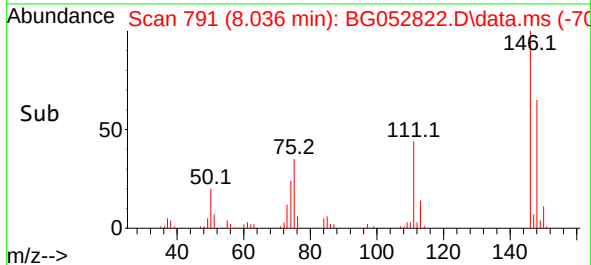
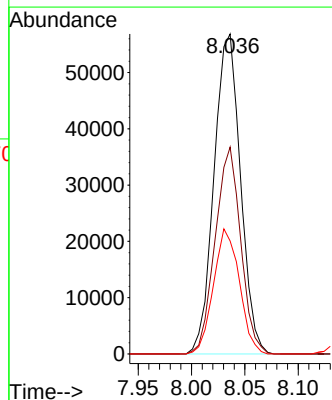
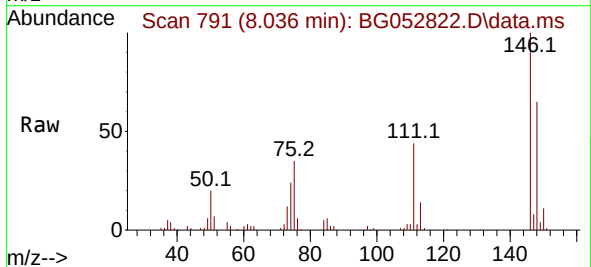
Instrument :
BNA_G
ClientSampleId :
MHBMSD

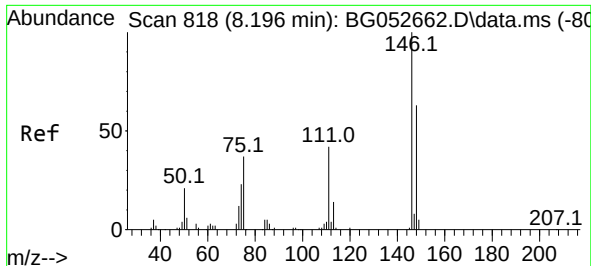
Tgt Ion: 93 Resp: 92221
Ion Ratio Lower Upper
93 100
63 78.1 56.9 96.9
95 32.7 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 44.724 ng
RT: 8.036 min Scan# 791
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:146 Resp: 98124
Ion Ratio Lower Upper
146 100
148 64.7 50.6 76.0
75 35.3 25.9 38.9

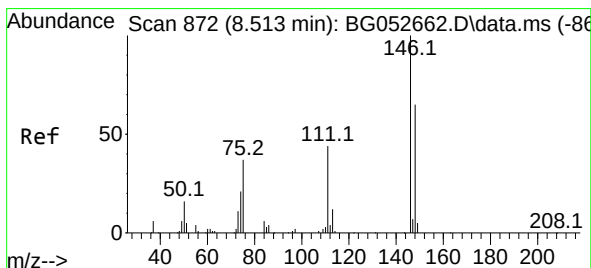
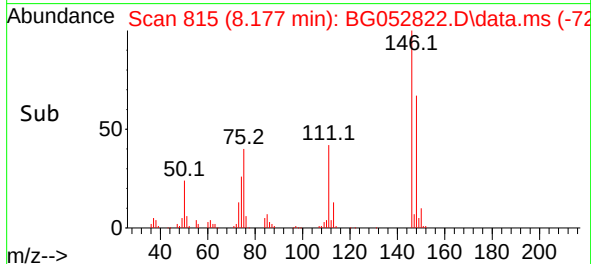
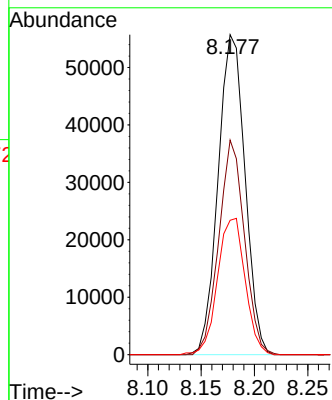
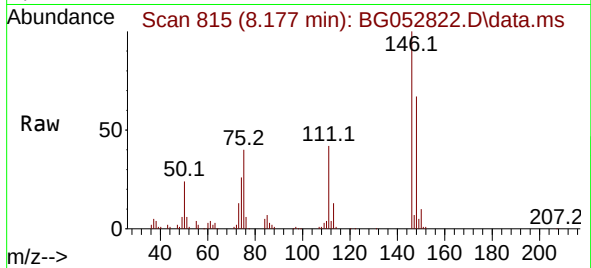




#13
1,4-Dichlorobenzene
Concen: 44.352 ng
RT: 8.177 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

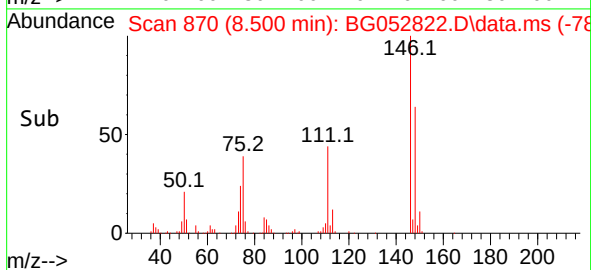
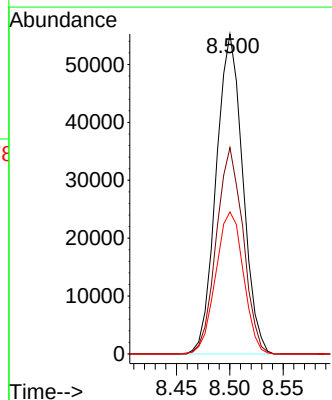
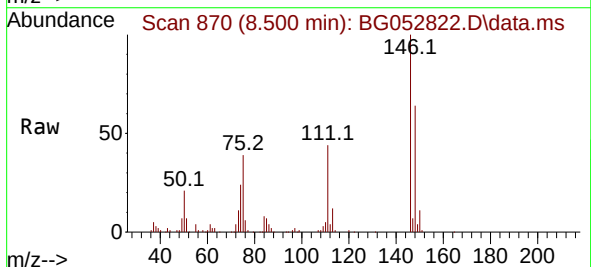
Instrument :
BNA_G
ClientSampleId :
MHBMSD

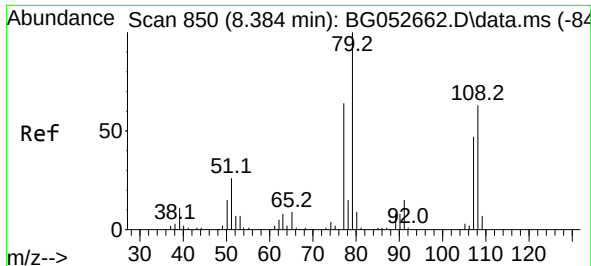
Tgt Ion:146 Resp: 97768
Ion Ratio Lower Upper
146 100
148 67.0 50.0 75.0
111 42.0 31.0 46.4



#14
1,2-Dichlorobenzene
Concen: 45.900 ng
RT: 8.500 min Scan# 870
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:146 Resp: 95691
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 44.4 34.7 52.1

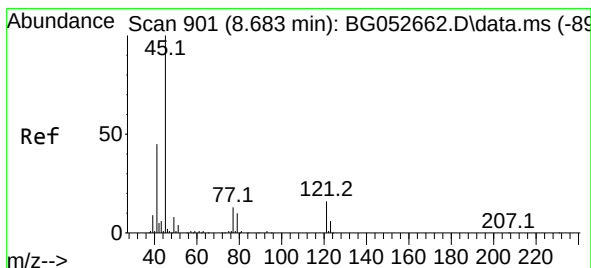
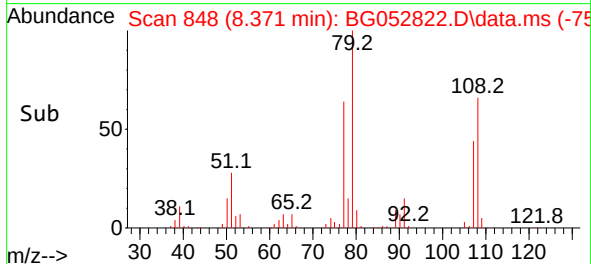
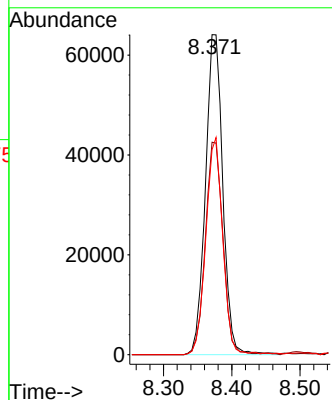
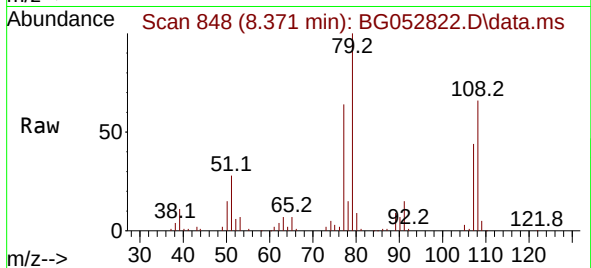




#15
Benzyl Alcohol
Concen: 51.539 ng
RT: 8.371 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

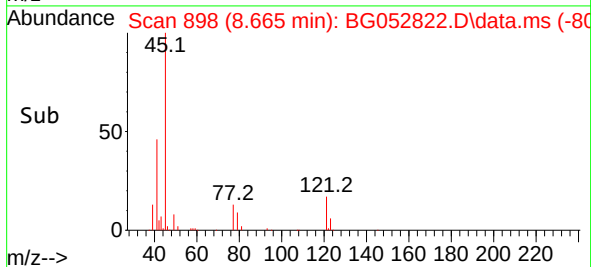
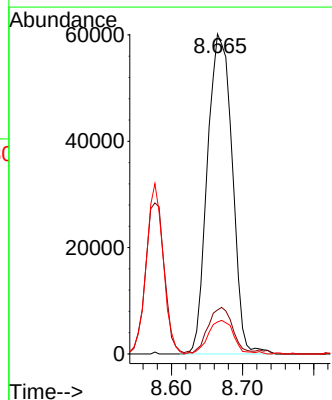
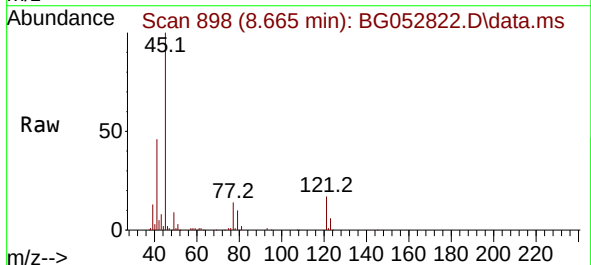
Instrument :
BNA_G
ClientSampleId :
MHBMSD

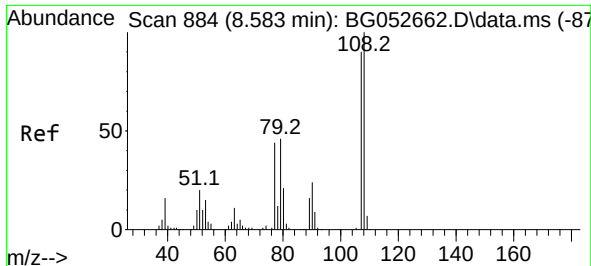
Tgt Ion: 79 Resp: 113456
Ion Ratio Lower Upper
79 100
108 66.4 55.1 82.7
77 64.1 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.986 ng
RT: 8.665 min Scan# 898
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion: 45 Resp: 145897
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.9
79 10.0 0.0 30.7





#17

2-Methylphenol

Concen: 53.681 ng

RT: 8.577 min Scan# 884

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

Tgt Ion:107 Resp: 92357

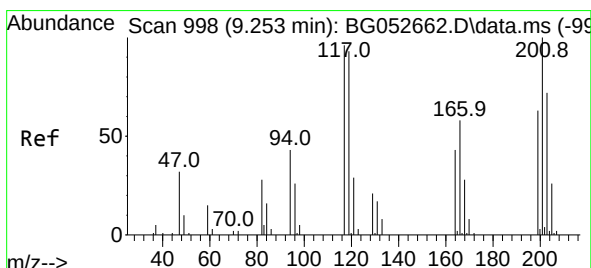
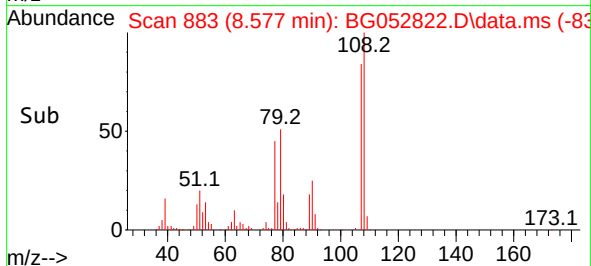
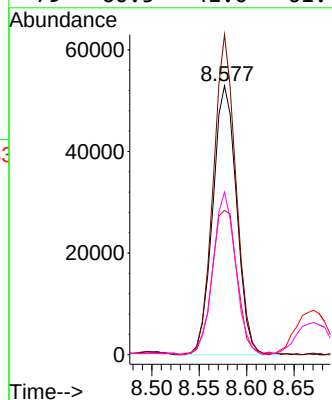
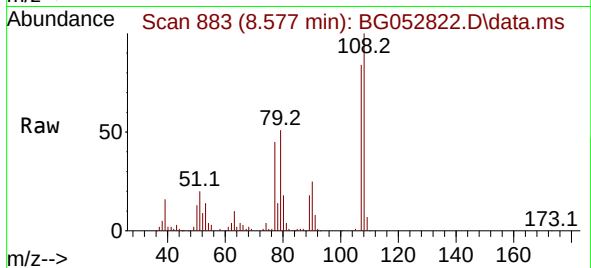
Ion Ratio Lower Upper

107 100

108 118.9 91.5 137.3

77 53.6 42.5 63.7

79 60.5 41.0 61.4



#18

Hexachloroethane

Concen: 46.170 ng

RT: 9.234 min Scan# 995

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

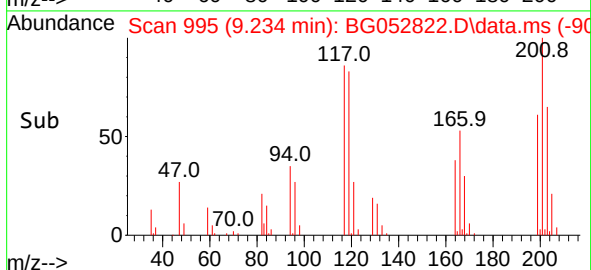
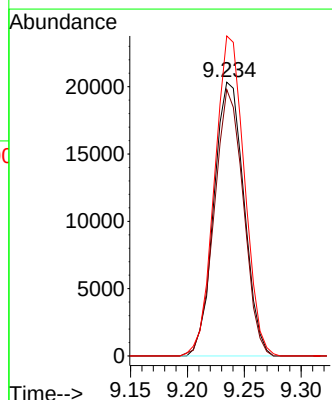
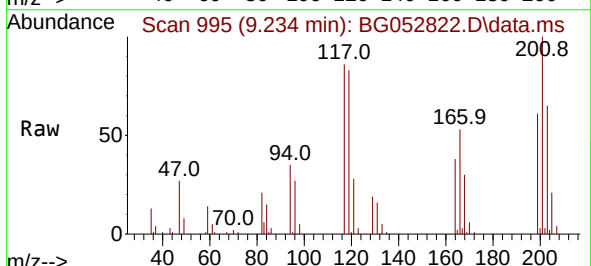
Tgt Ion:117 Resp: 37341

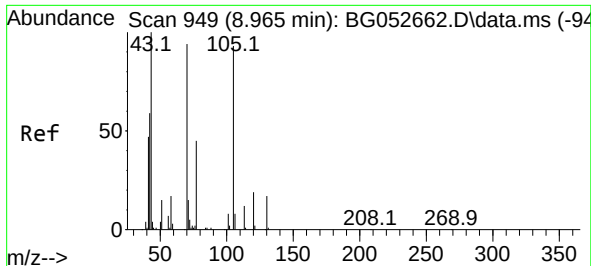
Ion Ratio Lower Upper

117 100

119 97.3 75.1 112.7

201 116.9 96.6 145.0

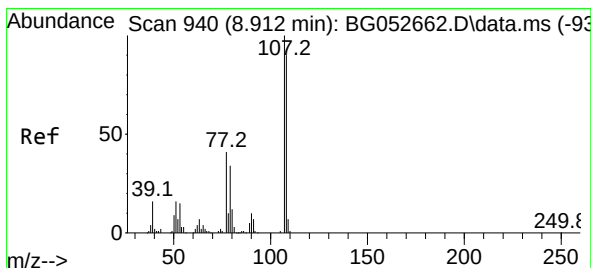
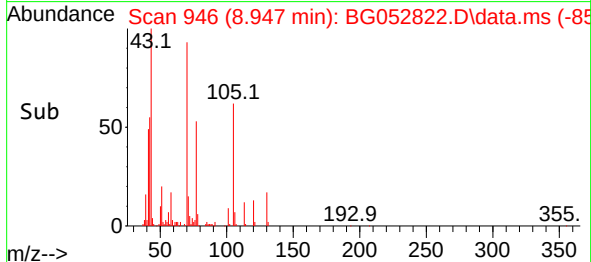
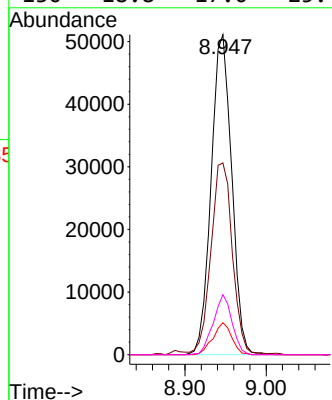
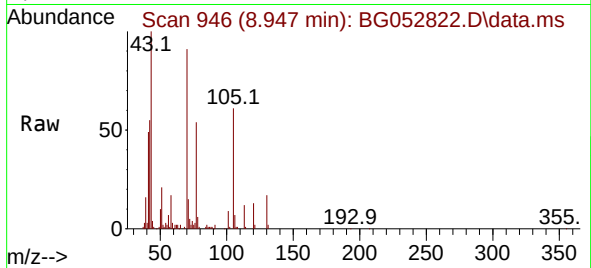




#19
n-Nitroso-di-n-propylamine
Concen: 48.380 ng
RT: 8.947 min Scan# 946
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

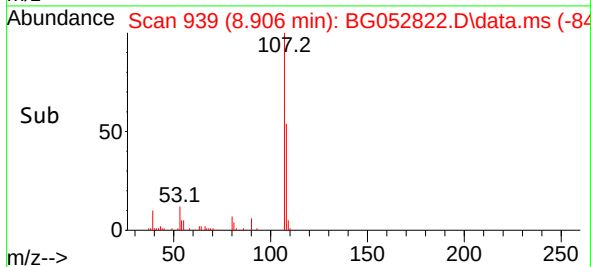
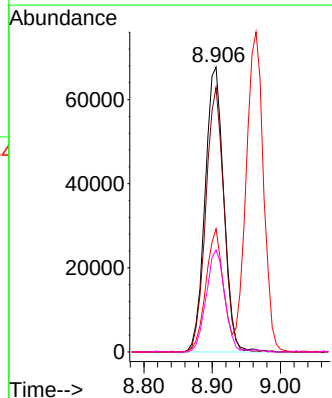
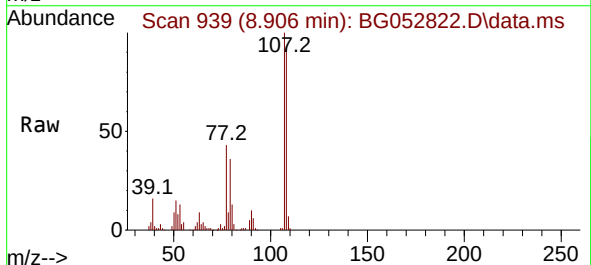
Instrument :
BNA_G
ClientSampleId :
MHBMSD

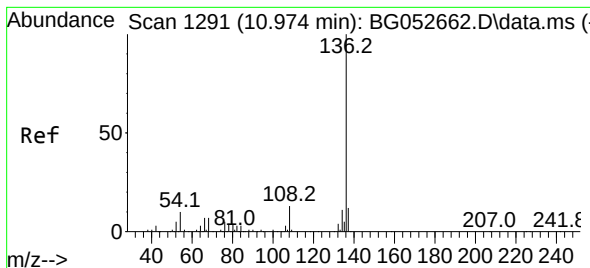
Tgt Ion: 70 Resp: 89586
Ion Ratio Lower Upper
70 100
42 59.9 46.0 69.0
101 10.0 6.2 9.4#
130 18.8 17.0 25.4



#20
3+4-Methylphenols
Concen: 53.761 ng
RT: 8.906 min Scan# 939
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion: 107 Resp: 129444
Ion Ratio Lower Upper
107 100
108 92.9 64.8 104.8
77 43.3 15.9 55.9
79 35.8 11.5 51.5

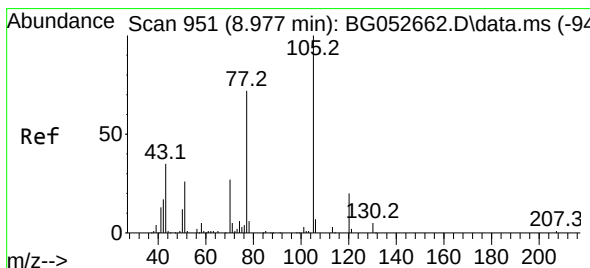
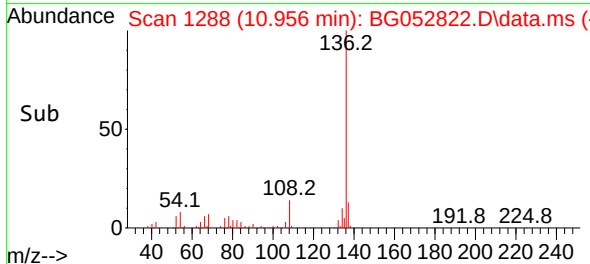
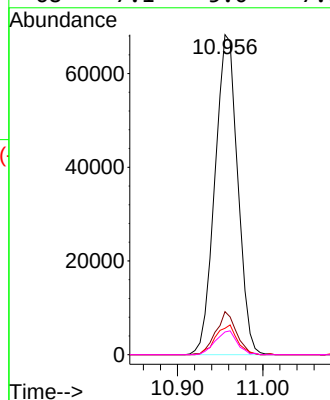
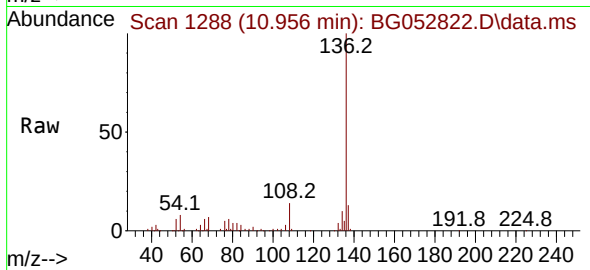




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.956 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

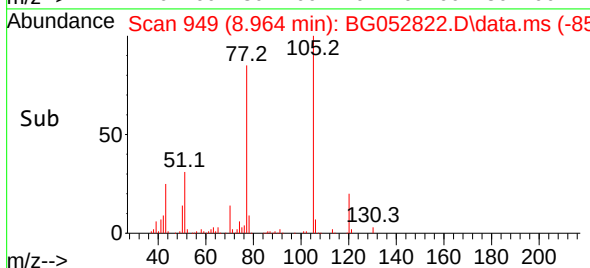
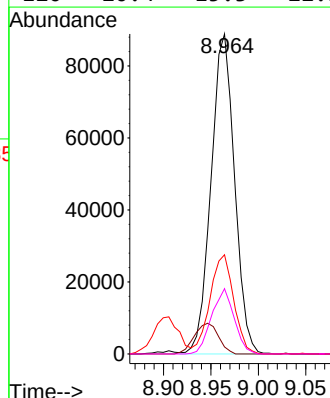
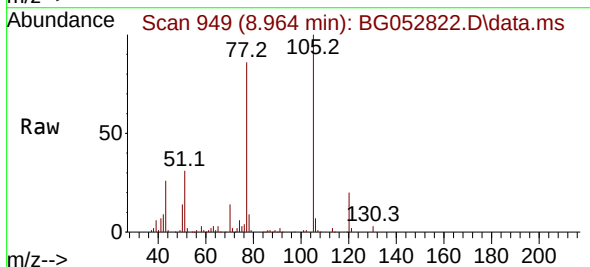
Instrument :
BNA_G
ClientSampleId :
MHBMSD

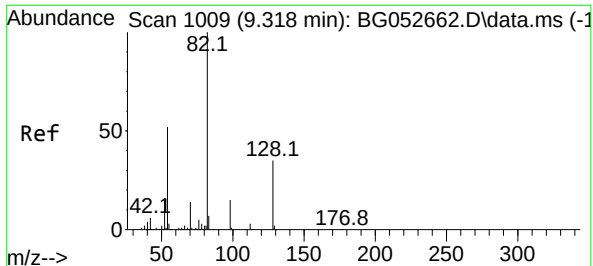
Tgt Ion:136 Resp: 126519
Ion Ratio Lower Upper
136 100
137 13.5 9.4 14.2
54 8.2 6.4 9.6
68 7.1 5.0 7.6



#22
Acetophenone
Concen: 46.785 ng
RT: 8.964 min Scan# 949
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:105 Resp: 153179
Ion Ratio Lower Upper
105 100
71 2.2 2.1 3.1
51 31.0 21.9 32.9
120 20.4 15.3 22.9





#23

Nitrobenzene-d5

Concen: 83.015 ng

RT: 9.305 min Scan# 1007

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

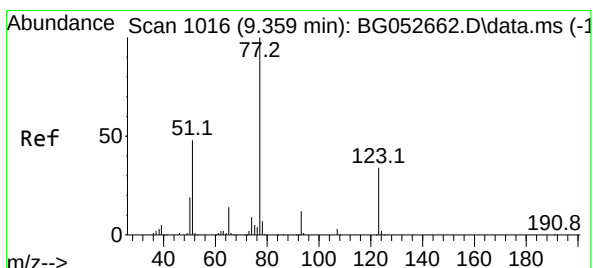
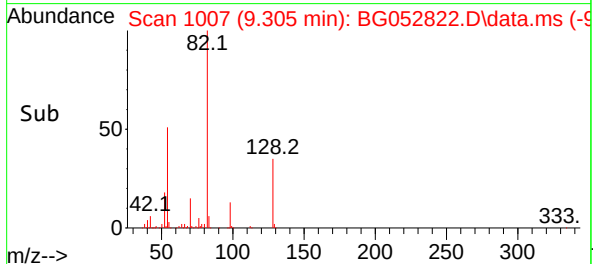
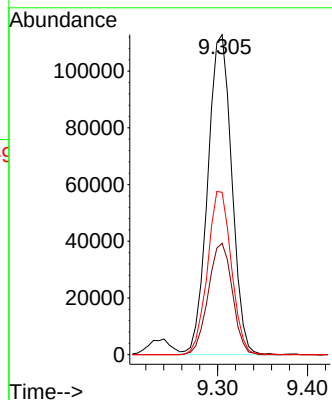
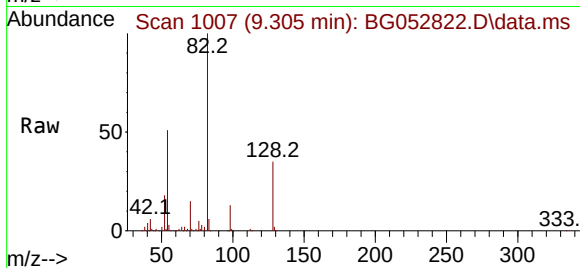
Tgt Ion: 82 Resp: 209262

Ion Ratio Lower Upper

82 100

128 34.8 31.3 46.9

54 50.8 37.8 56.8



#24

Nitrobenzene

Concen: 54.731 ng

RT: 9.346 min Scan# 1014

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

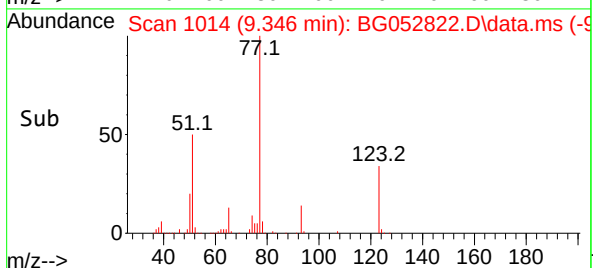
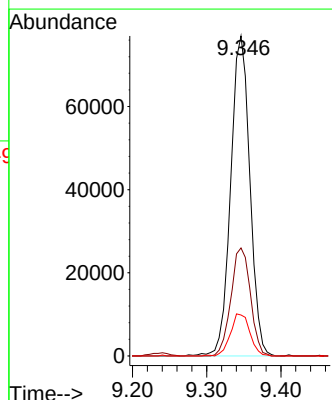
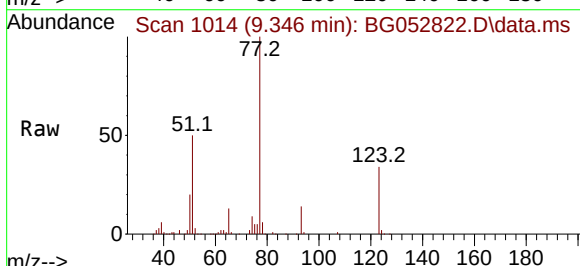
Tgt Ion: 77 Resp: 138043

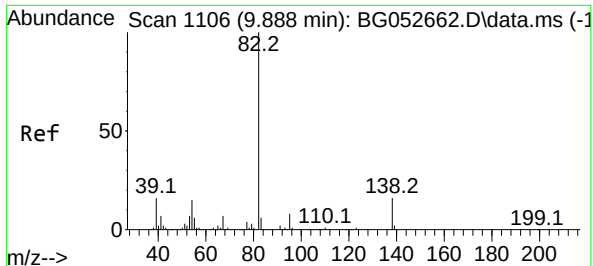
Ion Ratio Lower Upper

77 100

123 33.8 34.4 51.6#

65 12.8 11.2 16.8

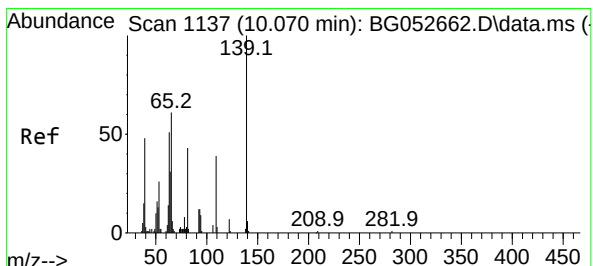
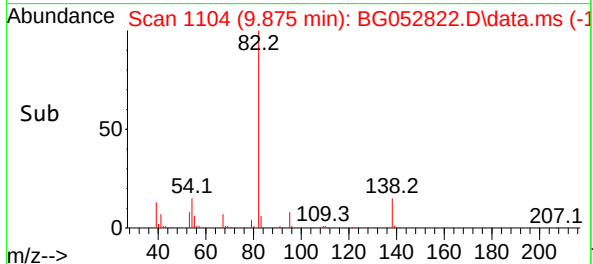
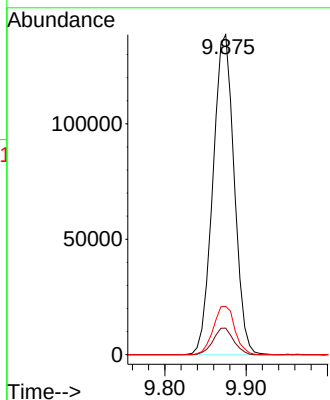
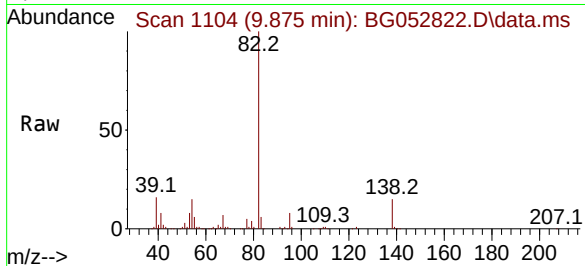




#25
Isophorone
Concen: 51.604 ng
RT: 9.875 min Scan# 1104
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

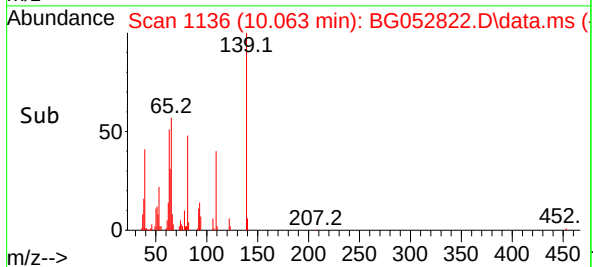
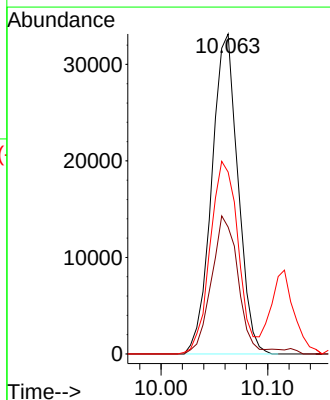
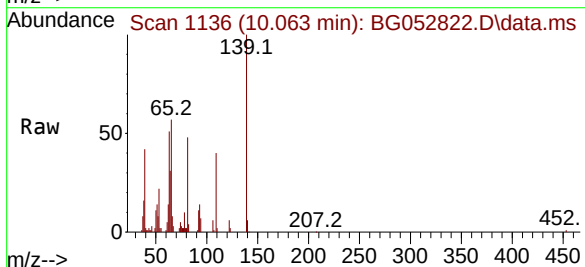
Instrument :
BNA_G
ClientSampleId :
MHBMSD

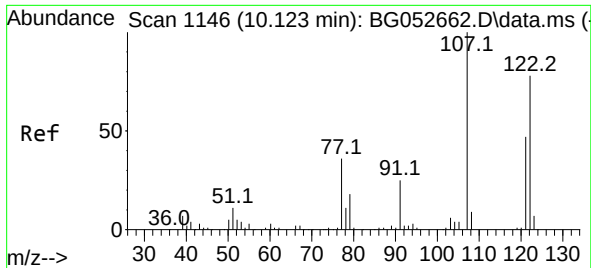
Tgt Ion: 82 Resp: 251880
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.6
138 15.1 12.6 18.8



#26
2-Nitrophenol
Concen: 64.734 ng
RT: 10.063 min Scan# 1136
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:139 Resp: 56700
Ion Ratio Lower Upper
139 100
109 39.7 29.4 44.0
65 56.9 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 56.324 ng

RT: 10.116 min Scan# 1145

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

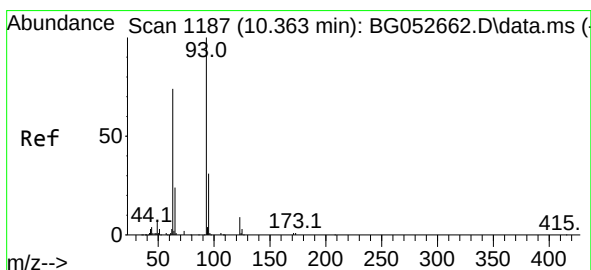
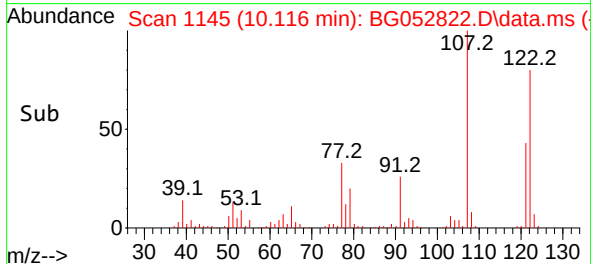
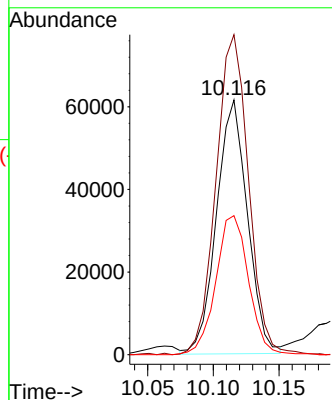
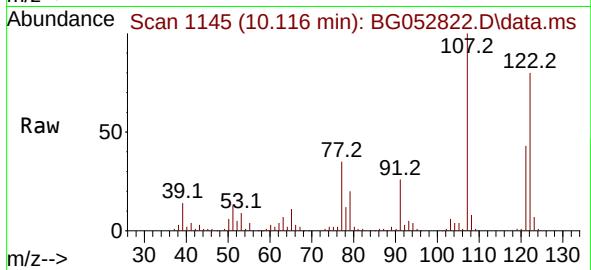
Tgt Ion:122 Resp: 100927

Ion Ratio Lower Upper

122 100

107 125.6 96.7 145.1

121 54.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.423 ng

RT: 10.351 min Scan# 1185

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

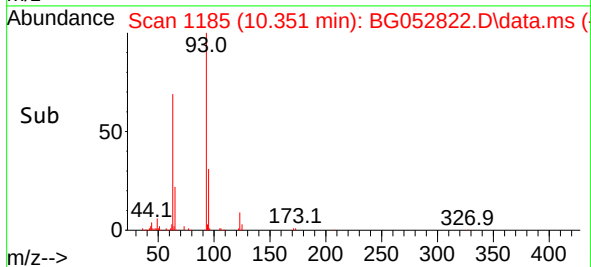
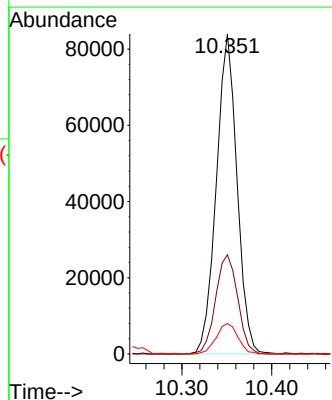
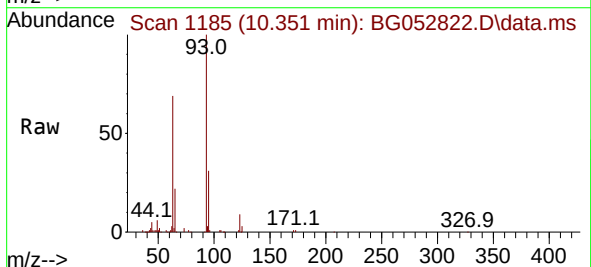
Tgt Ion: 93 Resp: 133981

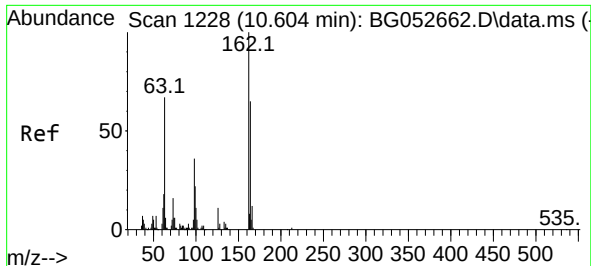
Ion Ratio Lower Upper

93 100

95 31.0 26.5 39.7

123 9.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 55.967 ng

RT: 10.597 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

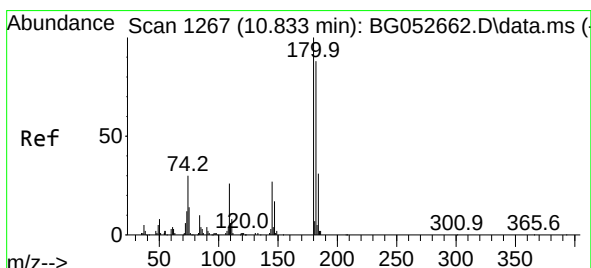
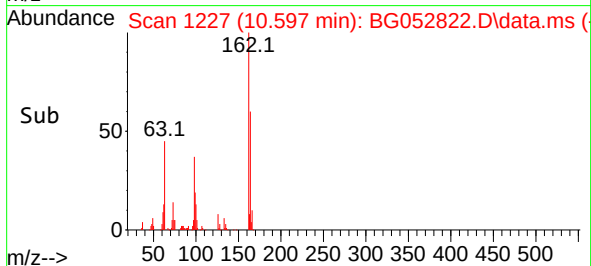
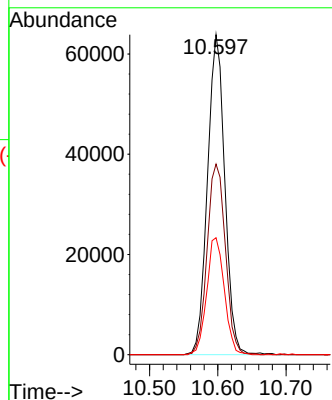
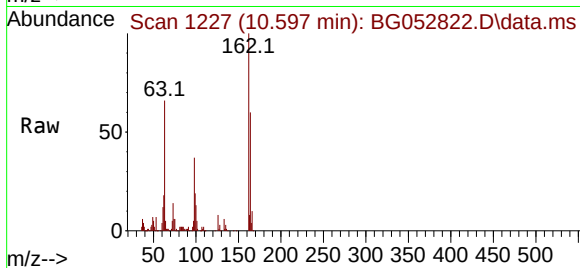
Tgt Ion:162 Resp: 112848

Ion Ratio Lower Upper

162 100

164 59.5 44.0 84.0

98 36.5 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 46.910 ng

RT: 10.815 min Scan# 1264

Delta R.T. -0.004 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

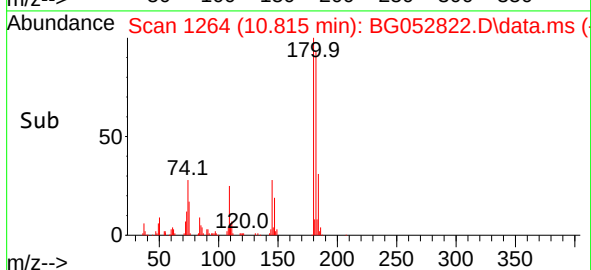
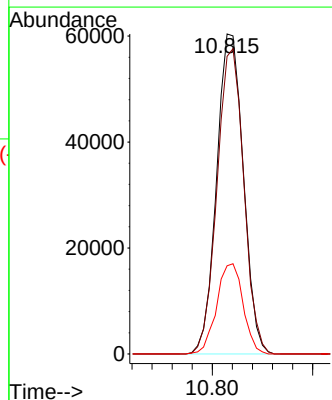
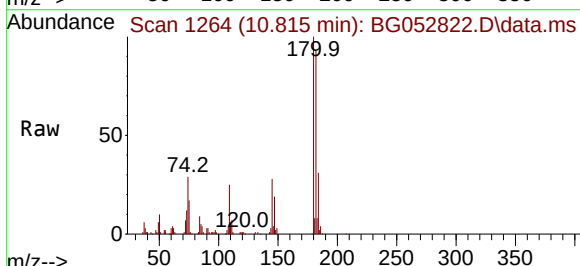
Tgt Ion:180 Resp: 111580

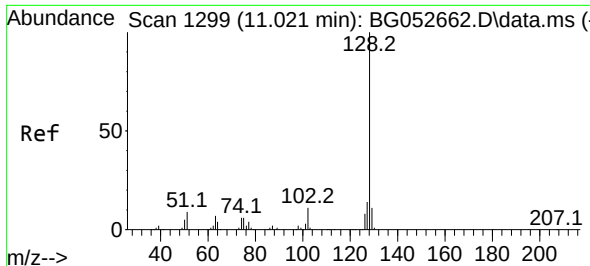
Ion Ratio Lower Upper

180 100

182 93.0 77.8 116.6

145 27.6 24.4 36.6

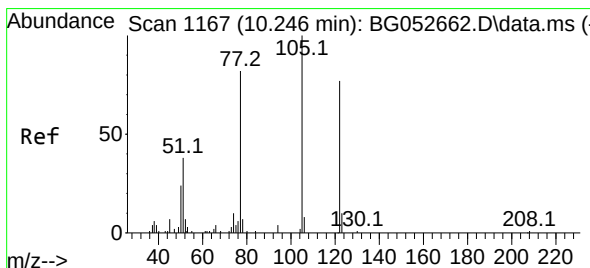
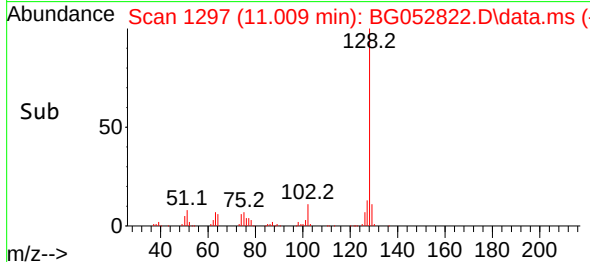
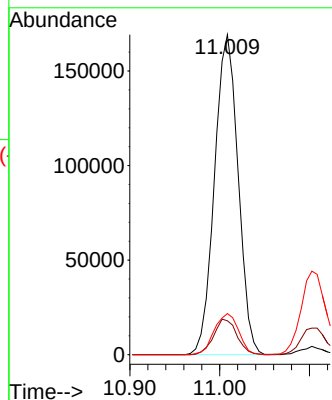
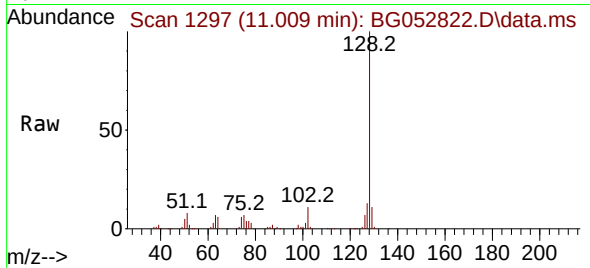




#31
Naphthalene
Concen: 47.167 ng
RT: 11.009 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

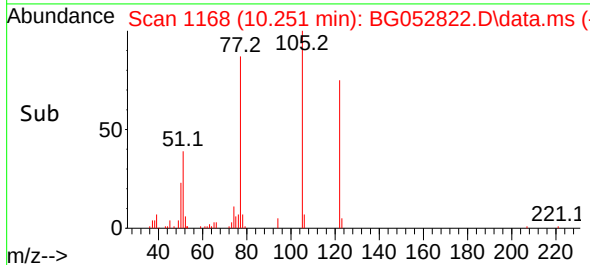
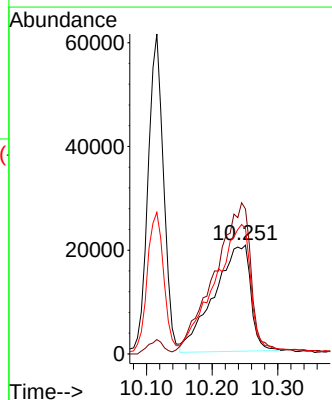
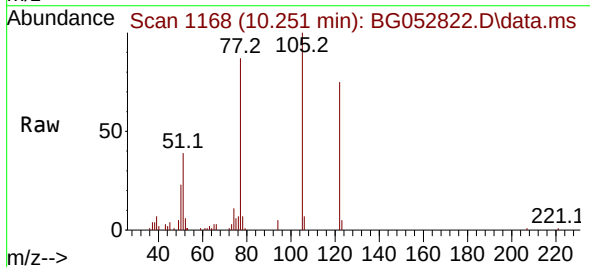
Instrument :
BNA_G
ClientSampleId :
MHBMSD

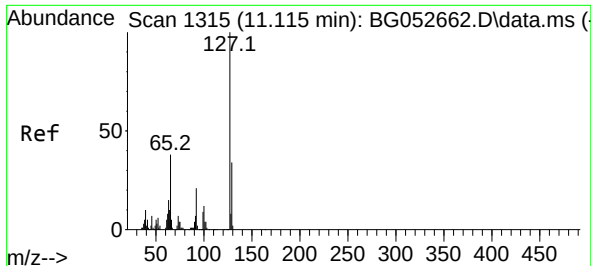
Tgt Ion:128 Resp: 308591
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.8 10.5 15.7



#32
Benzoic acid
Concen: 58.528 ng
RT: 10.251 min Scan# 1168
Delta R.T. 0.013 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:122 Resp: 79758
Ion Ratio Lower Upper
122 100
105 133.1 112.8 152.8
77 115.3 78.4 118.4

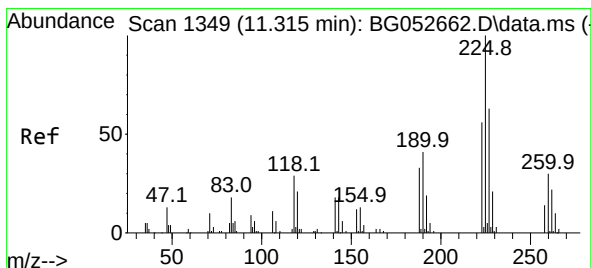
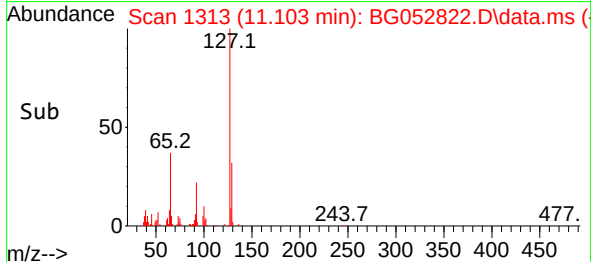
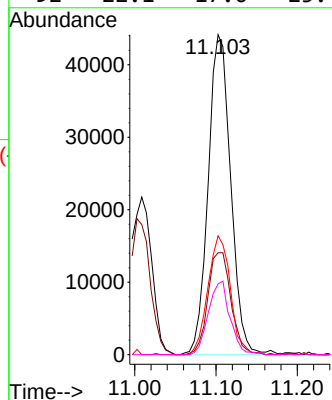
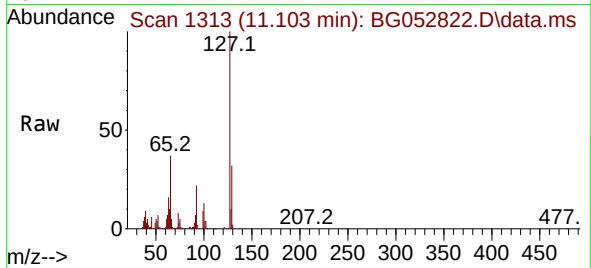




#33
4-Chloroaniline
Concen: 30.784 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

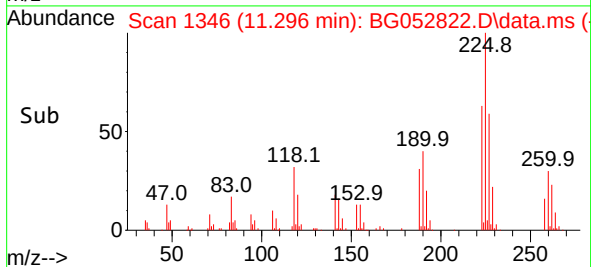
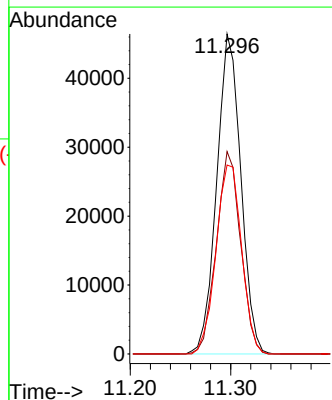
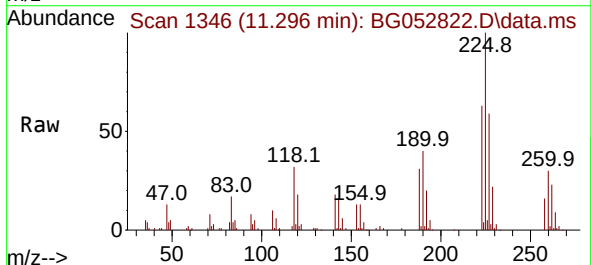
Instrument :
BNA_G
ClientSampleId :
MHBMSD

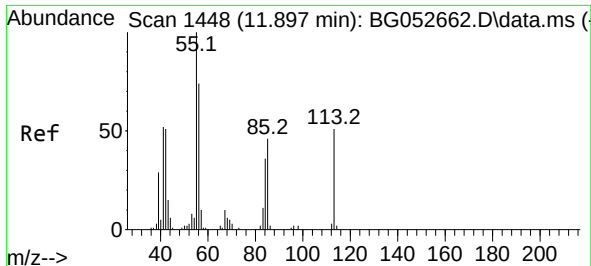
Tgt Ion:	127	Resp:	85364
Ion Ratio	Lower	Upper	
127	100		
129	31.8	27.6	41.4
65	37.2	28.2	42.4
92	22.1	17.0	25.4



#34
Hexachlorobutadiene
Concen: 45.517 ng
RT: 11.296 min Scan# 1346
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:	225	Resp:	77625
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.2	75.2
227	59.1	52.0	78.0

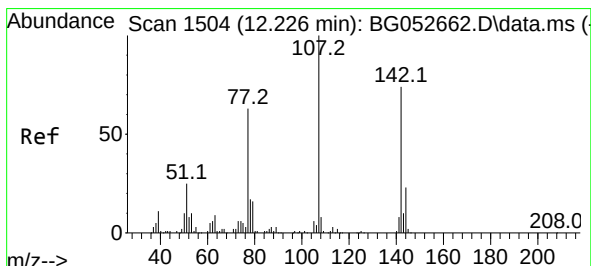
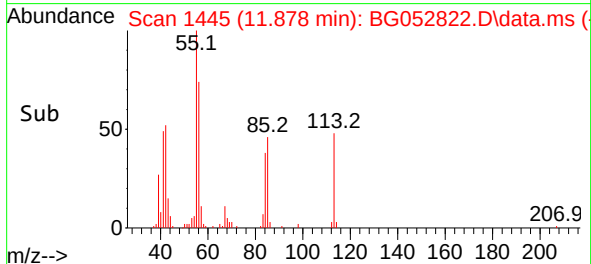
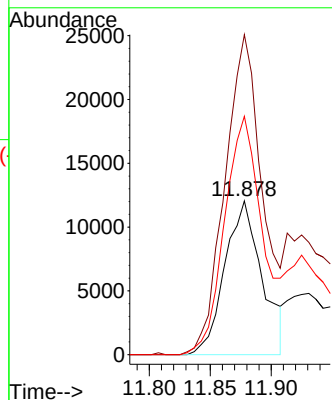
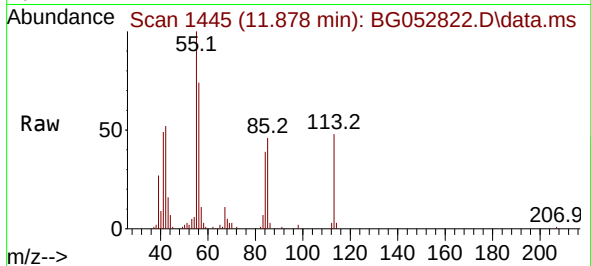




#35
 Caprolactam
 Concen: 46.361 ng
 RT: 11.878 min Scan# 1445
 Delta R.T. 0.002 min
 Lab File: BG052822.D
 Acq: 24 Mar 2022 23:33

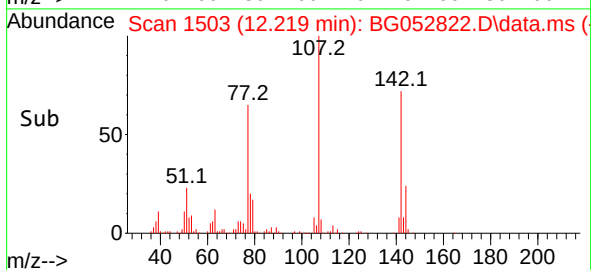
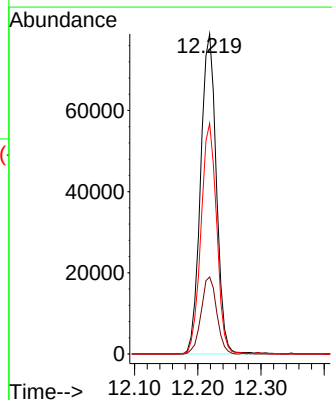
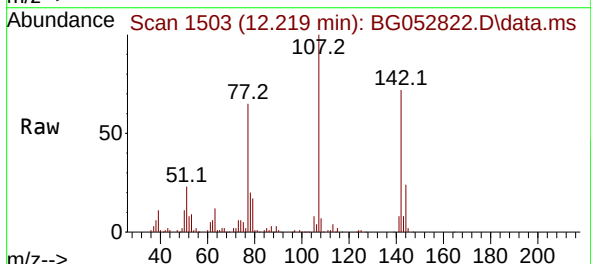
Instrument :
 BNA_G
 ClientSampleId :
 MHBMSD

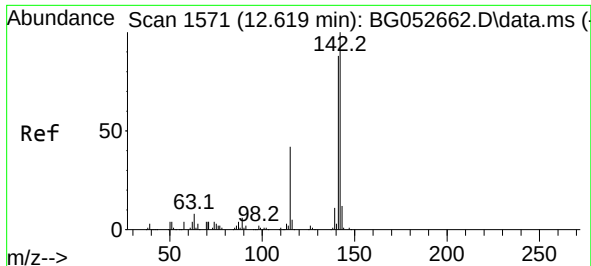
Tgt Ion:113 Resp: 25525
 Ion Ratio Lower Upper
 113 100
 55 208.2 151.3 191.3#
 56 155.1 128.5 168.5



#36
 4-Chloro-3-methylphenol
 Concen: 58.188 ng
 RT: 12.219 min Scan# 1503
 Delta R.T. 0.007 min
 Lab File: BG052822.D
 Acq: 24 Mar 2022 23:33

Tgt Ion:107 Resp: 136244
 Ion Ratio Lower Upper
 107 100
 144 24.0 21.4 32.0
 142 72.1 61.7 92.5

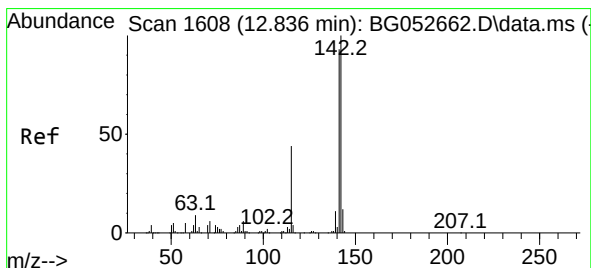
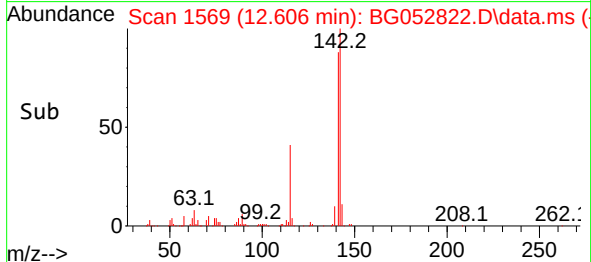
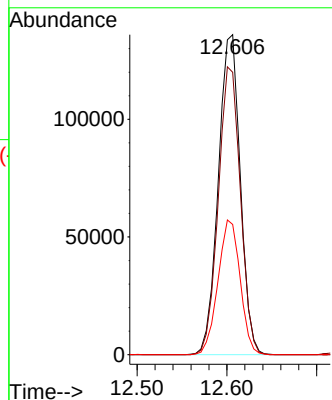
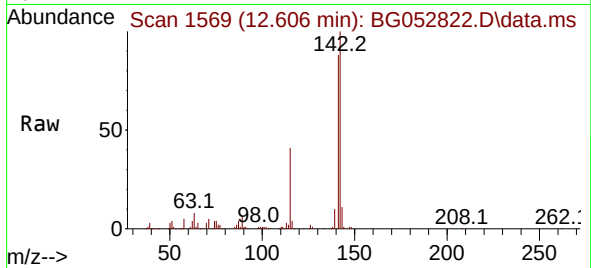




#37
2-Methylnaphthalene
Concen: 48.154 ng
RT: 12.606 min Scan# 1569
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

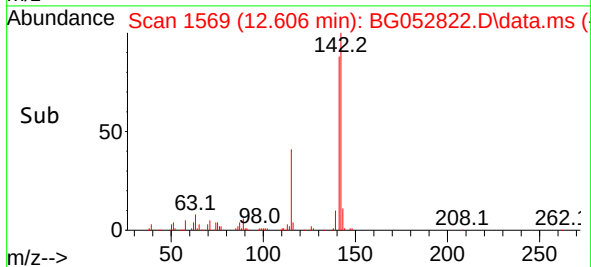
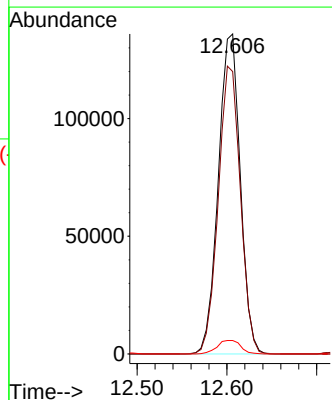
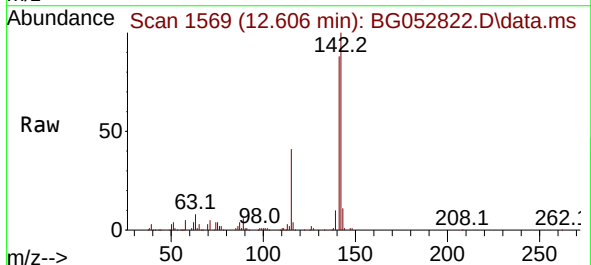
Instrument :
BNA_G
ClientSampleId :
MHBMSD

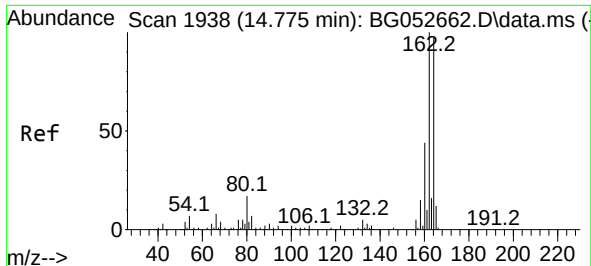
Tgt Ion:142 Resp: 230719
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9
115 40.7 29.5 44.3



#38
1-Methylnaphthalene
Concen: 49.340 ng
RT: 12.606 min Scan# 1569
Delta R.T. -0.216 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:142 Resp: 230719
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7
116 4.2 3.1 4.7

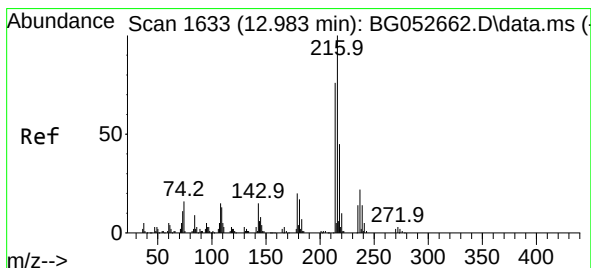
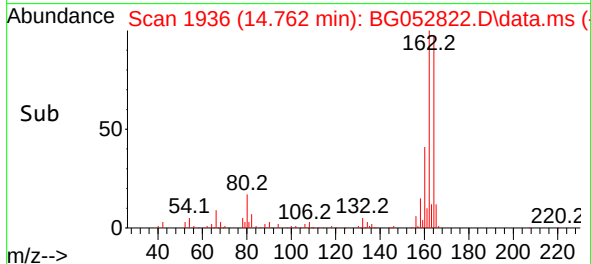
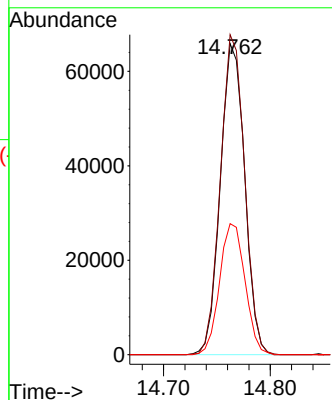
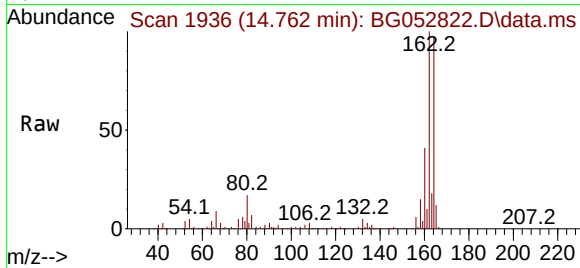




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

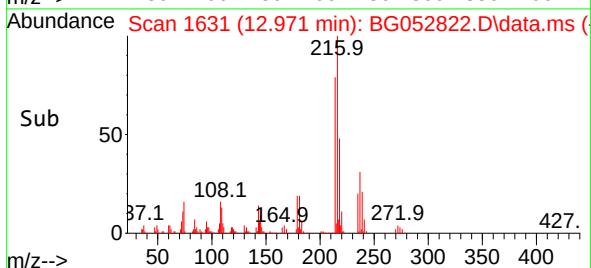
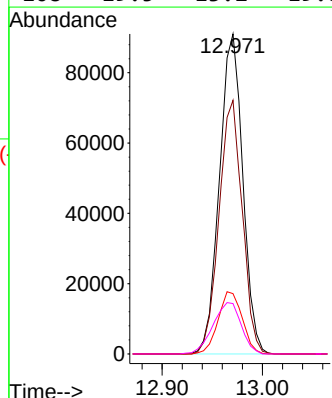
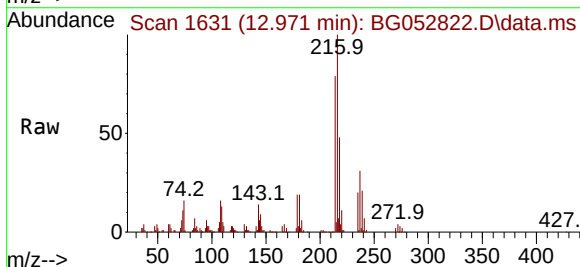
Instrument :
BNA_G
ClientSampleId :
MHBMSD

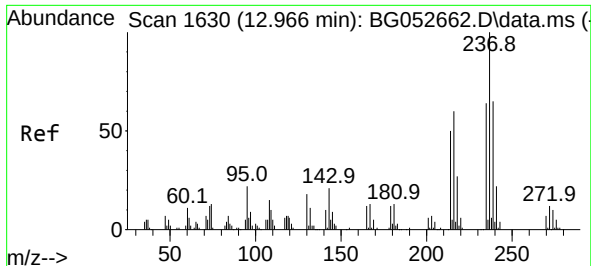
Tgt Ion:164 Resp: 104379
Ion Ratio Lower Upper
164 100
162 102.9 80.0 120.0
160 42.1 38.8 58.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.033 ng
RT: 12.971 min Scan# 1631
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:216 Resp: 146852
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 20.1 15.7 23.5
108 19.5 13.2 19.8

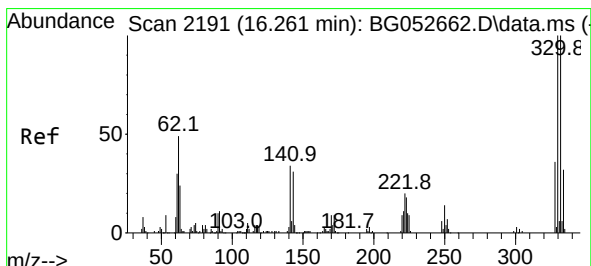
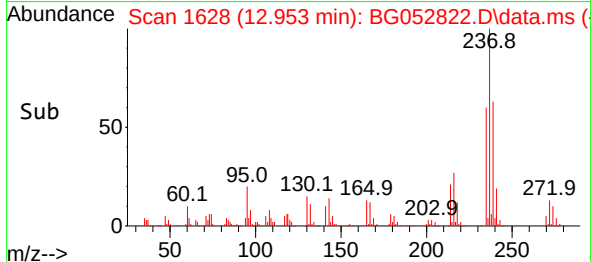
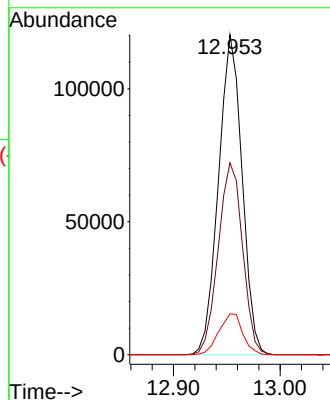
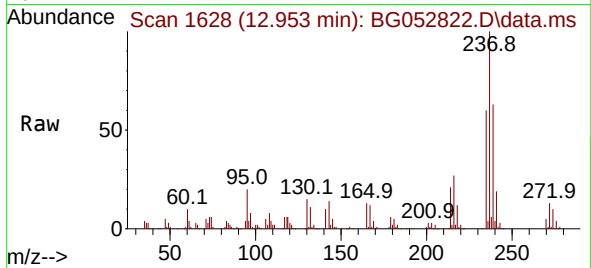




#41
Hexachlorocyclopentadiene
Concen: 95.572 ng
RT: 12.953 min Scan# 1628
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

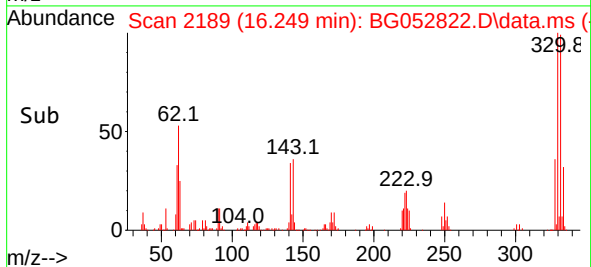
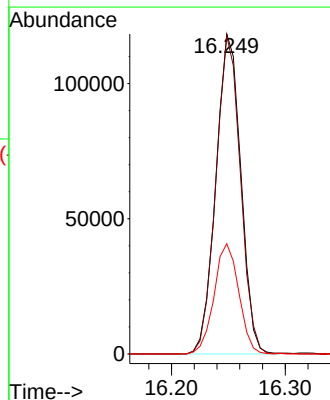
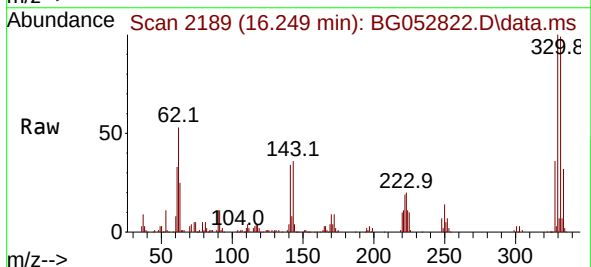
Instrument :
BNA_G
ClientSampleId :
MHBMSD

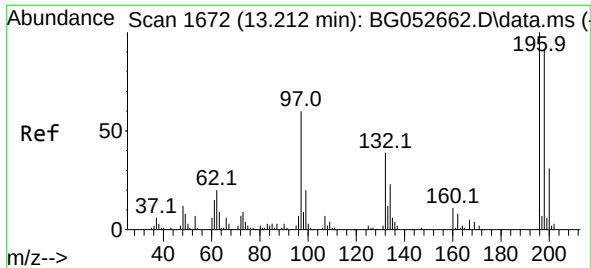
Tgt Ion:237 Resp: 184738
Ion Ratio Lower Upper
237 100
235 60.0 37.7 77.7
272 12.8 0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 128.502 ng
RT: 16.249 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:330 Resp: 180233
Ion Ratio Lower Upper
330 100
332 97.7 75.8 113.6
141 34.1 24.6 36.8

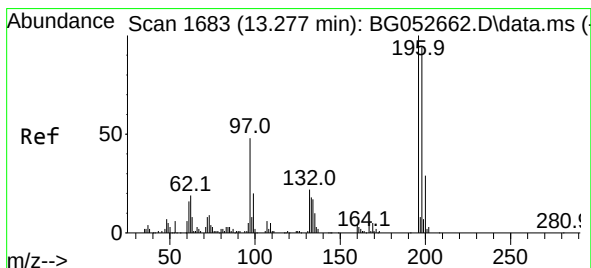
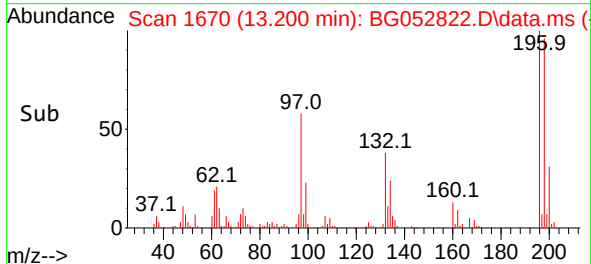
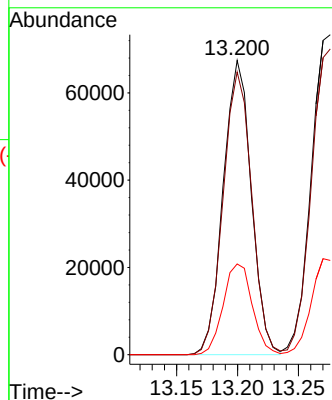
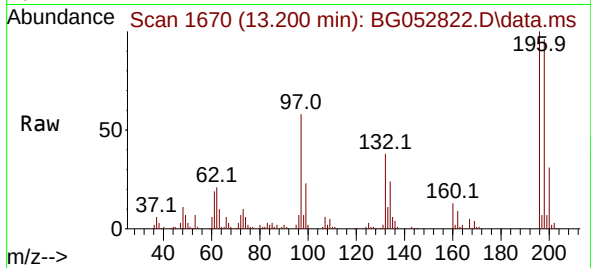




#43
2,4,6-Trichlorophenol
Concen: 51.795 ng
RT: 13.200 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

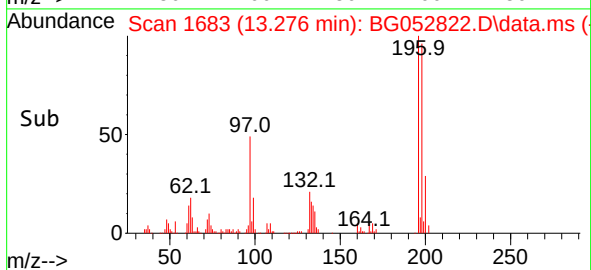
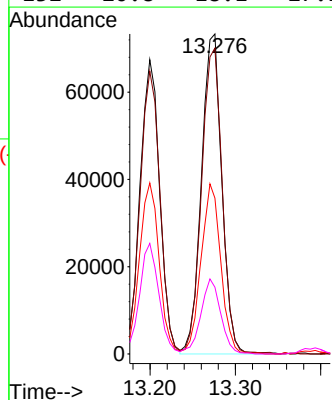
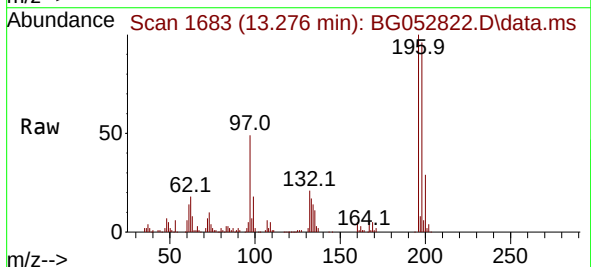
Instrument :
BNA_G
ClientSampleId :
MHBMSD

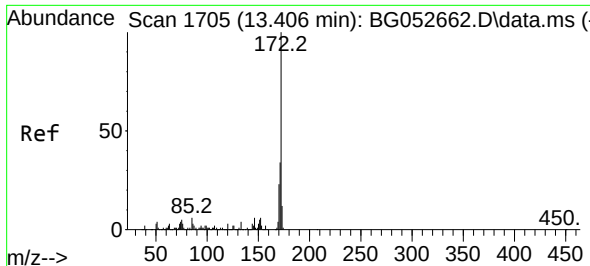
Tgt Ion:196 Resp: 108167
Ion Ratio Lower Upper
196 100
198 96.1 78.8 118.2
200 30.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 57.523 ng
RT: 13.276 min Scan# 1683
Delta R.T. 0.007 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:196 Resp: 121929
Ion Ratio Lower Upper
196 100
198 95.5 75.8 113.6
97 48.7 36.5 54.7
132 20.8 18.1 27.1

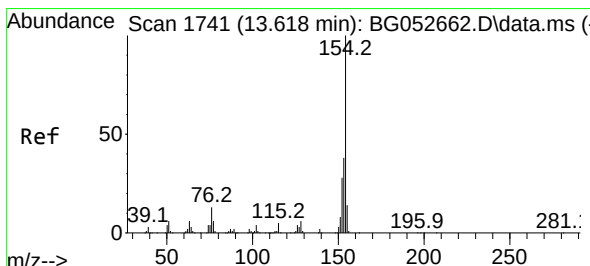
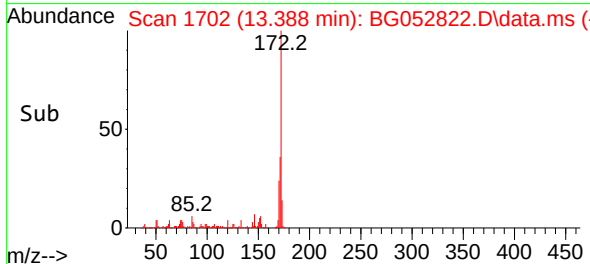
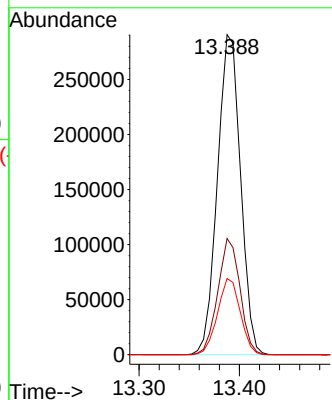
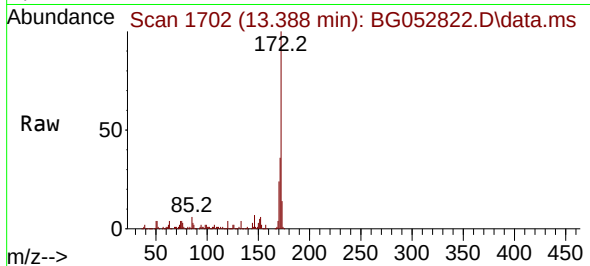




#45
2-Fluorobiphenyl
Concen: 65.684 ng
RT: 13.388 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

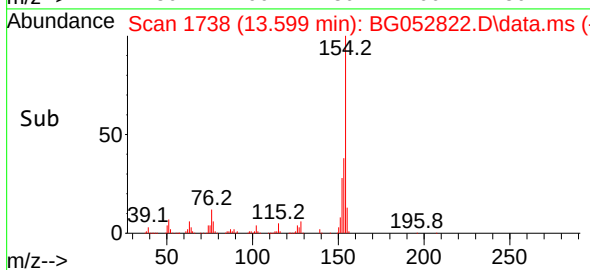
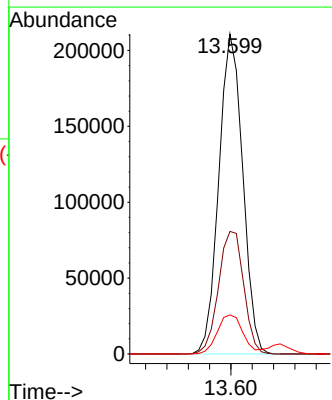
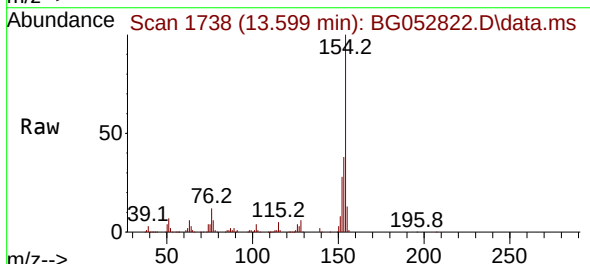
Instrument :
BNA_G
ClientSampleId :
MHBMSD

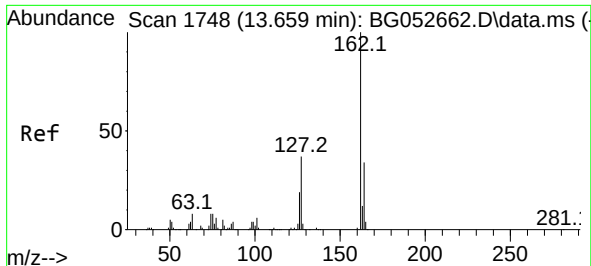
Tgt Ion:172 Resp: 464864
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.8 18.0 27.0



#46
1,1'-Biphenyl
Concen: 44.821 ng
RT: 13.599 min Scan# 1738
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:154 Resp: 327178
Ion Ratio Lower Upper
154 100
153 38.3 21.6 61.6
76 12.2 0.0 31.5

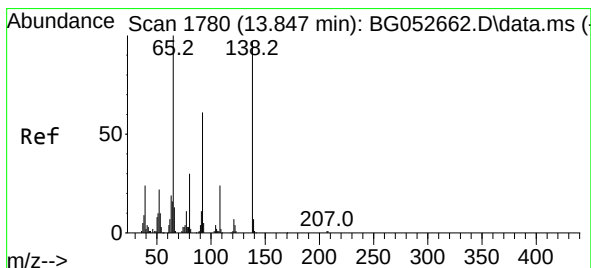
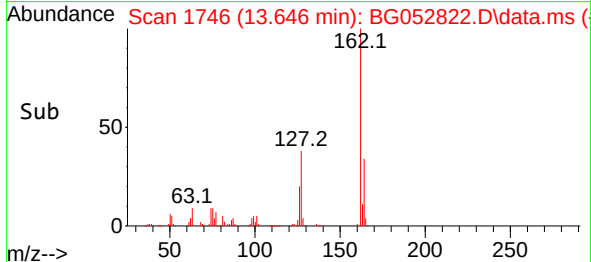
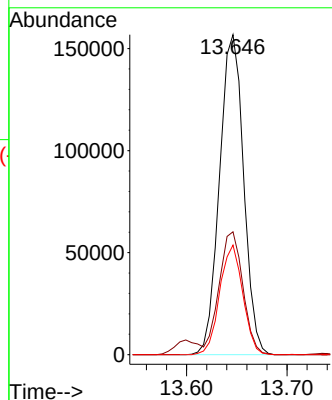
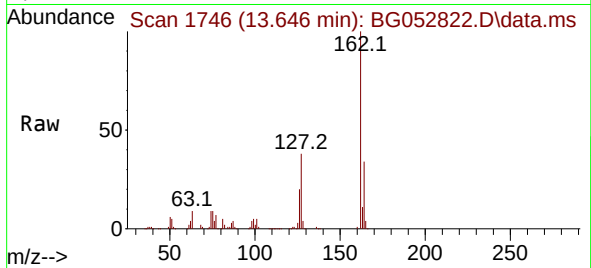




#47
2-Chloronaphthalene
Concen: 45.414 ng
RT: 13.646 min Scan# 1746
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

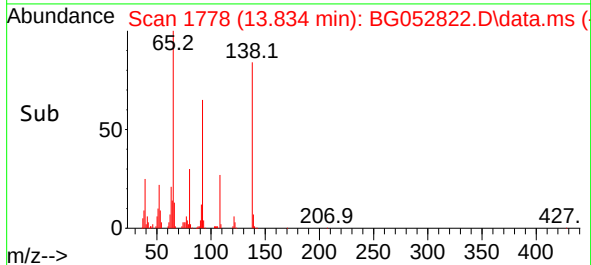
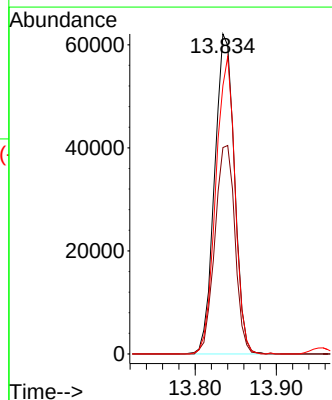
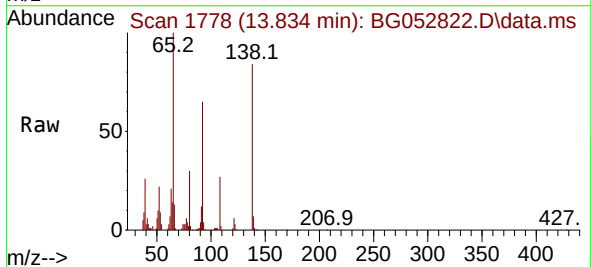
Instrument :
BNA_G
ClientSampleId :
MHBMSD

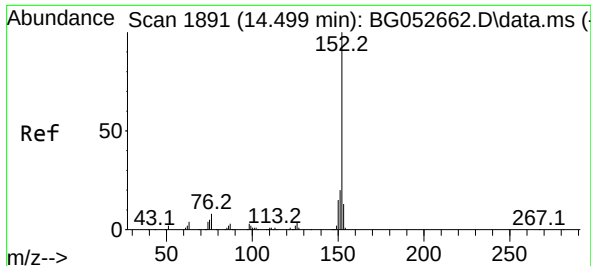
Tgt Ion:162 Resp: 261068
Ion Ratio Lower Upper
162 100
127 38.4 28.1 42.1
164 34.3 26.0 39.0



#48
2-Nitroaniline
Concen: 66.843 ng
RT: 13.834 min Scan# 1778
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion: 65 Resp: 105088
Ion Ratio Lower Upper
65 100
92 64.5 52.1 78.1
138 83.9 80.1 120.1

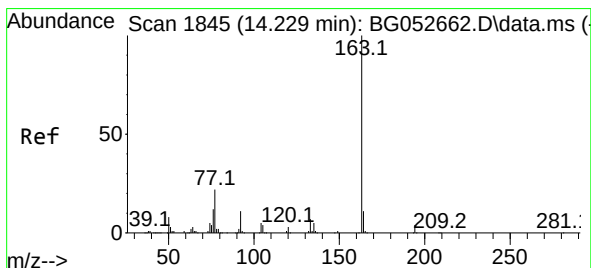
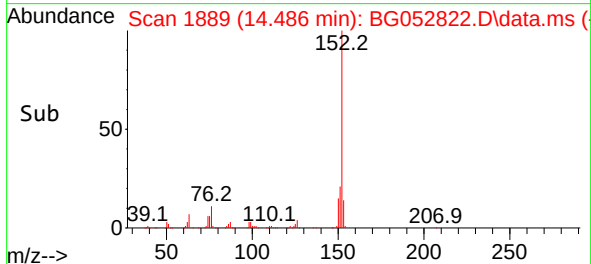
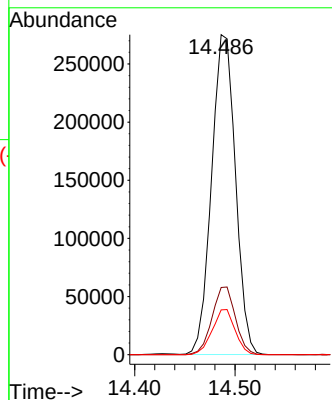
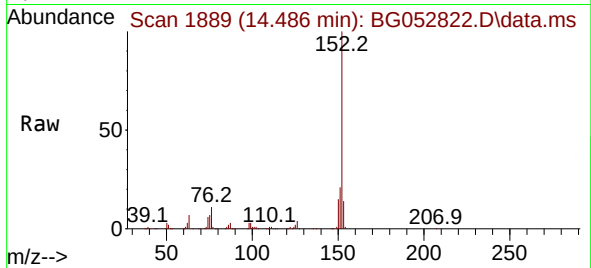




#49
Acenaphthylene
Concen: 49.637 ng
RT: 14.486 min Scan# 1889
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

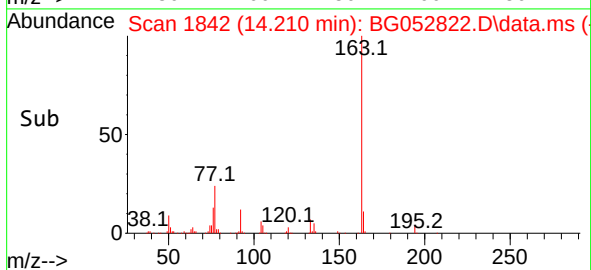
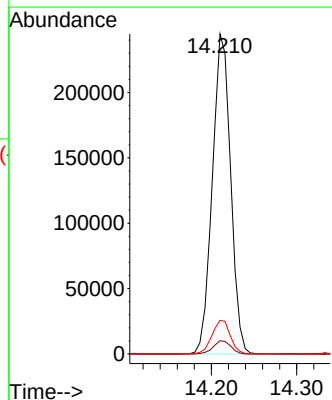
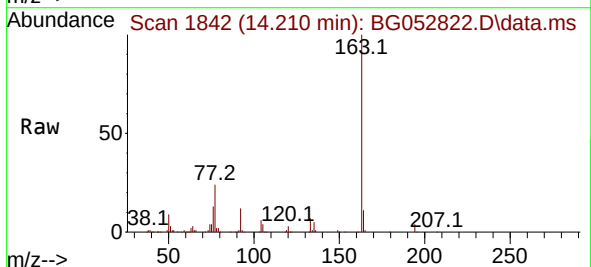
Instrument :
BNA_G
ClientSampleId :
MHBMSD

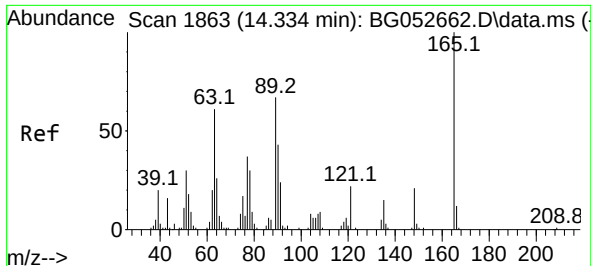
Tgt Ion:152 Resp: 454862
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 14.0 10.6 15.8



#50
Dimethylphthalate
Concen: 46.999 ng
RT: 14.210 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:163 Resp: 364596
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.5 12.7

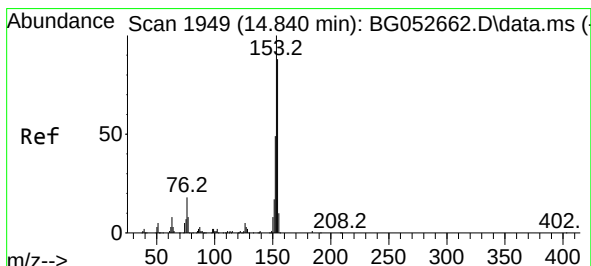
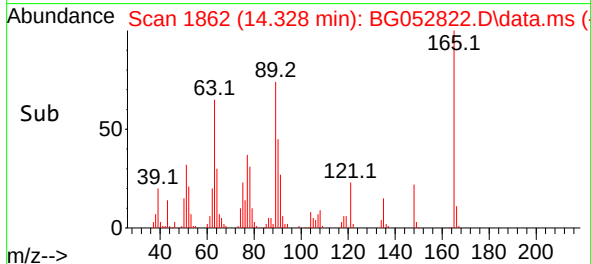
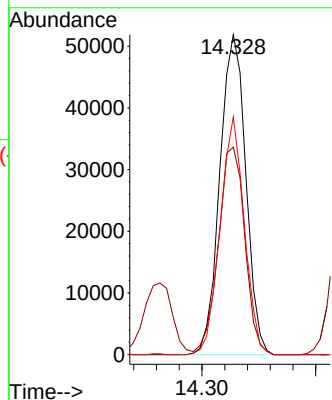
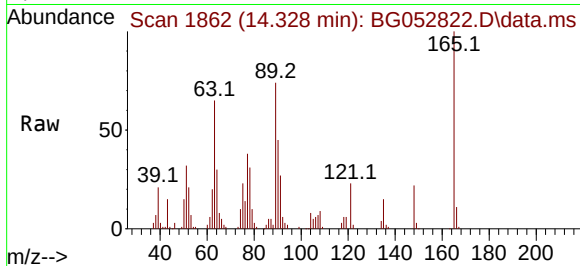




#51
2,6-Dinitrotoluene
Concen: 62.691 ng
RT: 14.328 min Scan# 1862
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

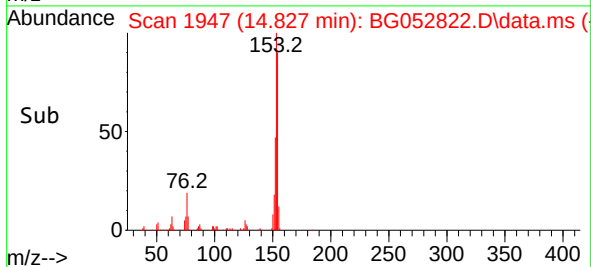
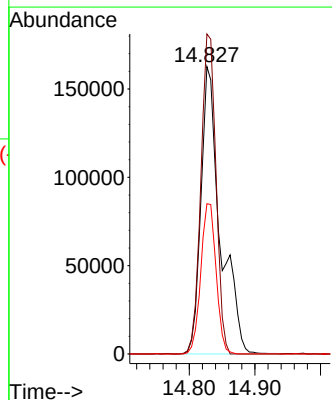
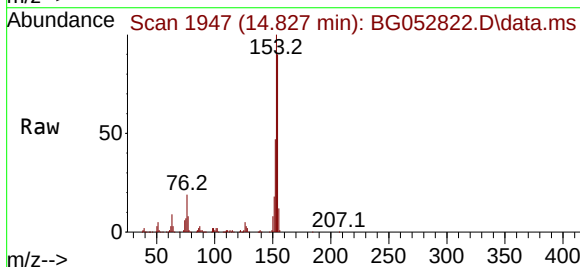
Instrument :
BNA_G
ClientSampleId :
MHBMSD

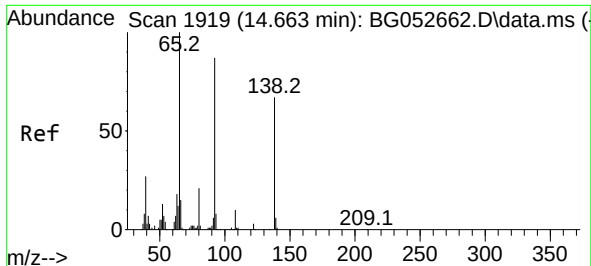
Tgt Ion:165 Resp: 82111
Ion Ratio Lower Upper
165 100
63 64.8 43.7 65.5
89 74.3 45.0 67.4#



#52
Acenaphthene
Concen: 56.986 ng
RT: 14.827 min Scan# 1947
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:154 Resp: 334544
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.4
152 52.3 40.5 60.7

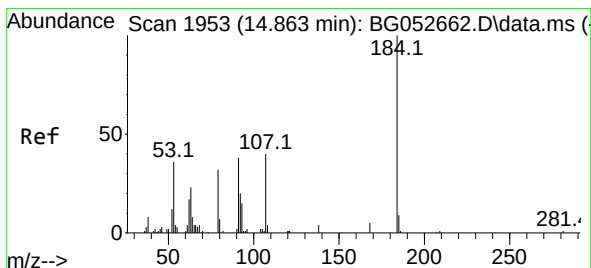
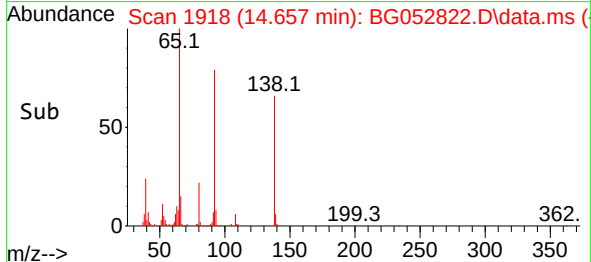
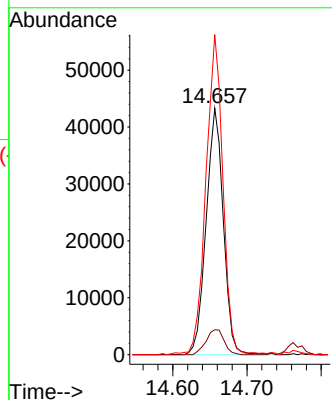
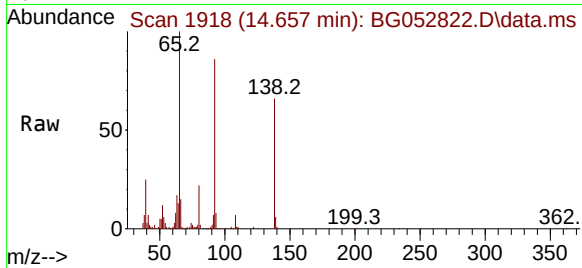




#53
3-Nitroaniline
Concen: 45.420 ng
RT: 14.657 min Scan# 1918
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

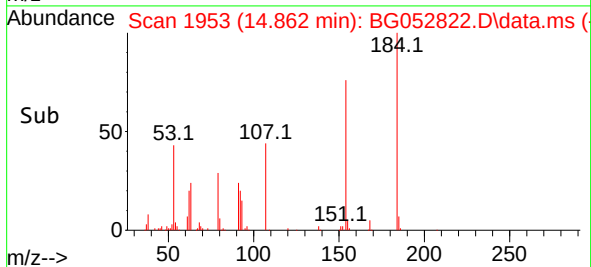
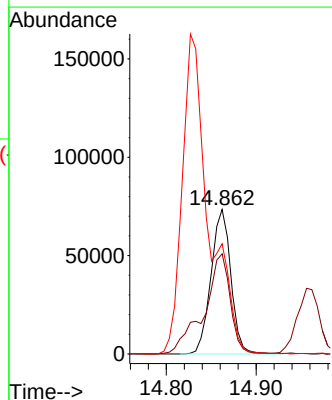
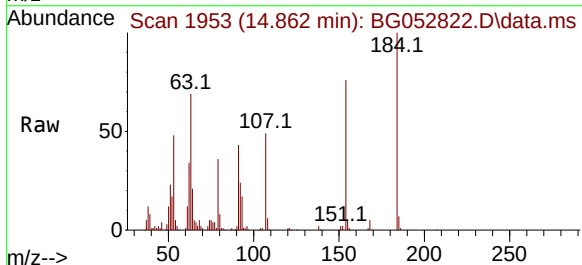
Instrument :
BNA_G
ClientSampleId :
MHBMSD

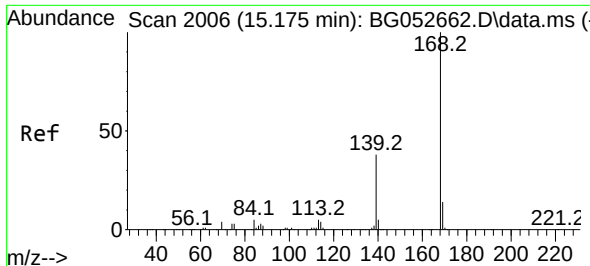
Tgt Ion:138 Resp: 69612
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 129.9 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 157.900 ng
RT: 14.862 min Scan# 1953
Delta R.T. 0.007 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:184 Resp: 112731
Ion Ratio Lower Upper
184 100
63 69.3 51.8 77.6
154 76.3 47.8 71.6#

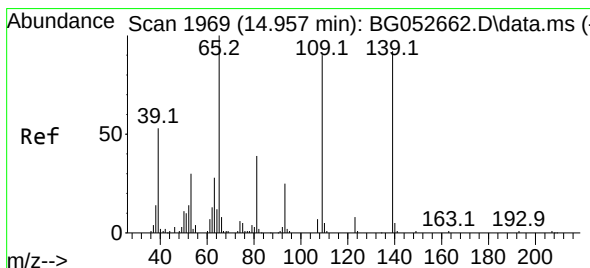
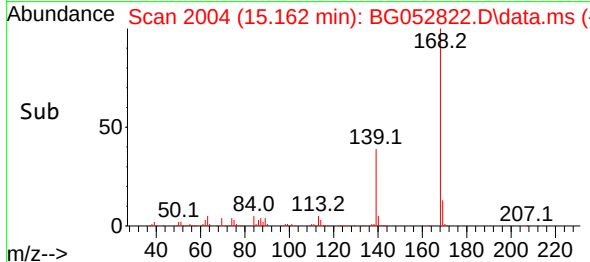
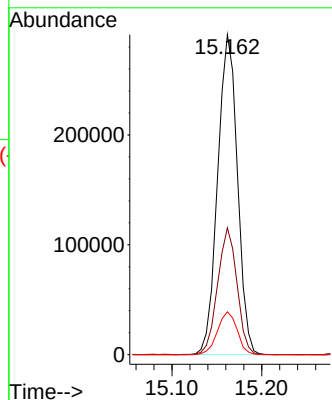
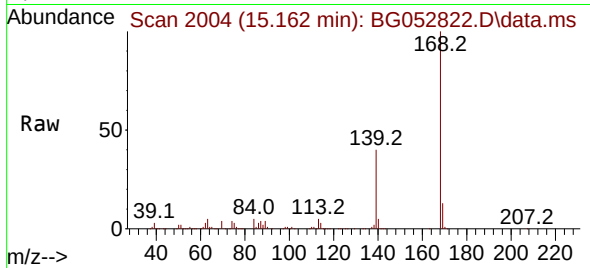




#55
Dibenzenofuran
Concen: 46.518 ng
RT: 15.162 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

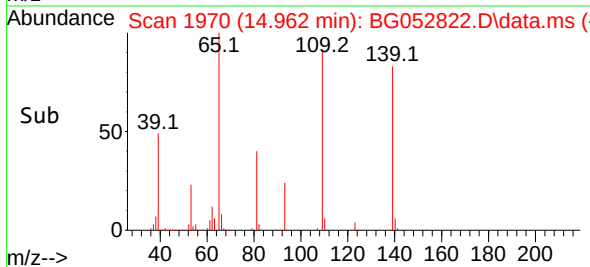
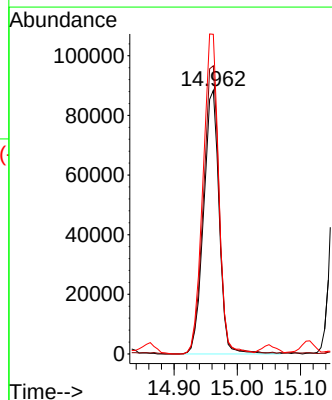
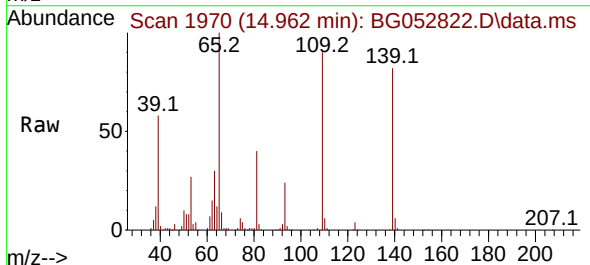
Instrument :
BNA_G
ClientSampleId :
MHBMSD

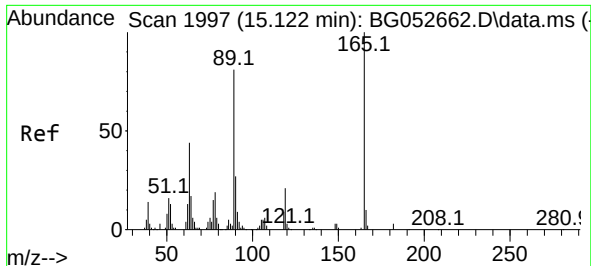
Tgt Ion:168 Resp: 445967
Ion Ratio Lower Upper
168 100
139 39.6 30.2 45.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 120.998 ng
RT: 14.962 min Scan# 1970
Delta R.T. 0.013 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:139 Resp: 151271
Ion Ratio Lower Upper
139 100
109 109.4 67.1 107.1#
65 121.4 88.2 128.2





#57

2,4-Dinitrotoluene

Concen: 65.533 ng

RT: 15.115 min Scan# 1996

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

Tgt Ion:165 Resp: 119093

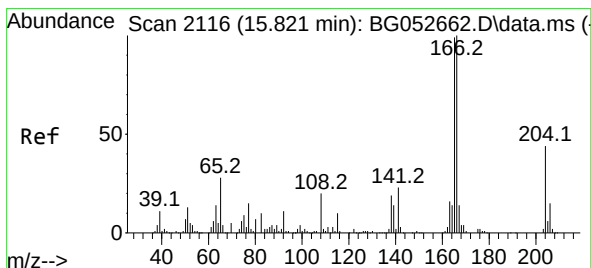
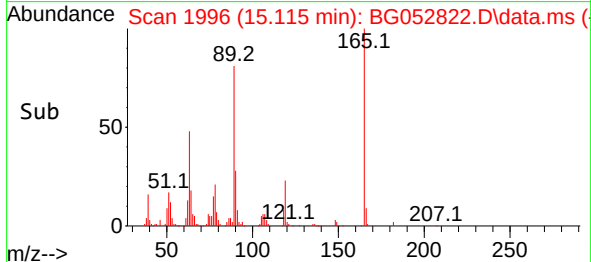
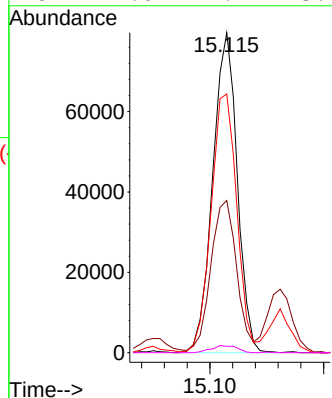
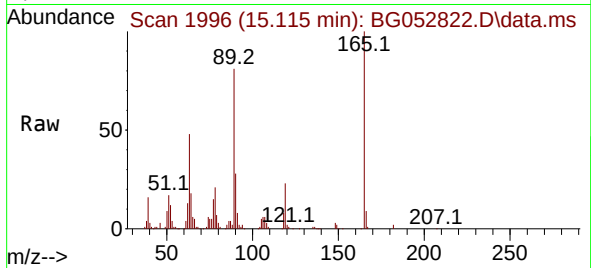
Ion Ratio Lower Upper

165 100

63 47.6 34.8 52.2

89 80.9 57.4 86.0

182 2.0 2.1 3.1#



#58

Fluorene

Concen: 47.257 ng

RT: 15.808 min Scan# 2114

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

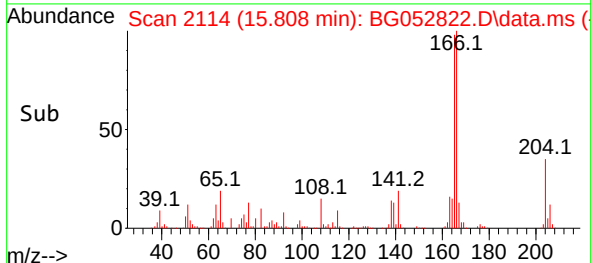
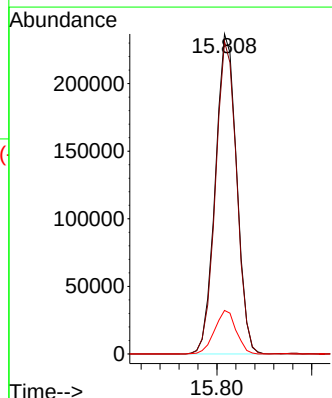
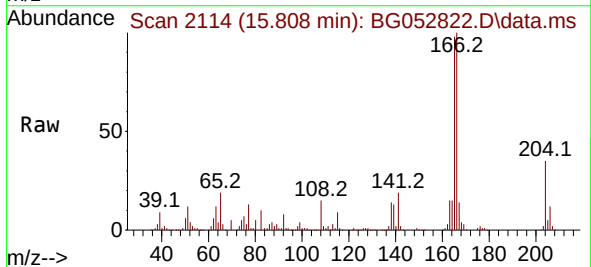
Tgt Ion:166 Resp: 369304

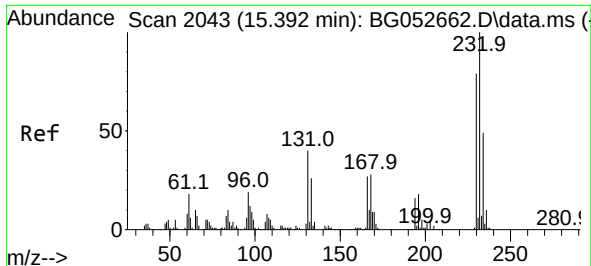
Ion Ratio Lower Upper

166 100

165 97.7 78.6 117.8

167 13.6 10.9 16.3

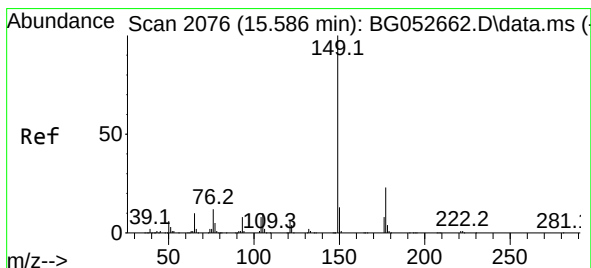
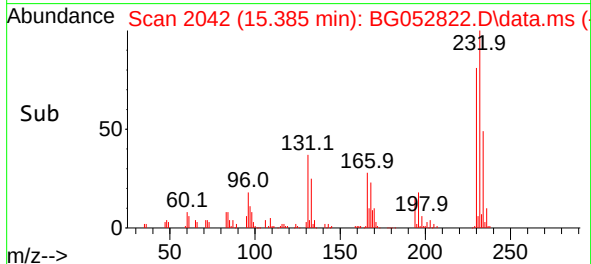
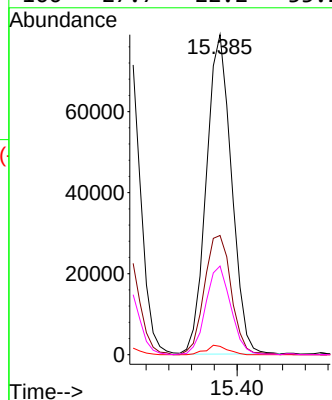
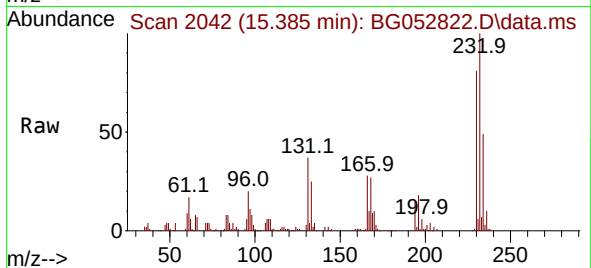




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.556 ng
RT: 15.385 min Scan# 2042
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

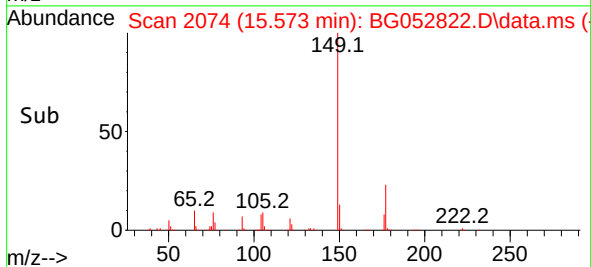
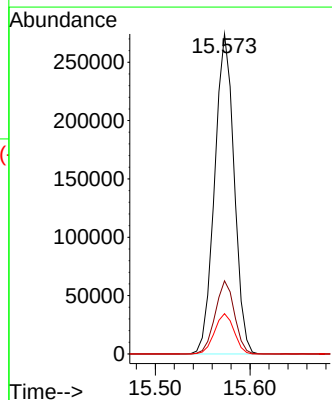
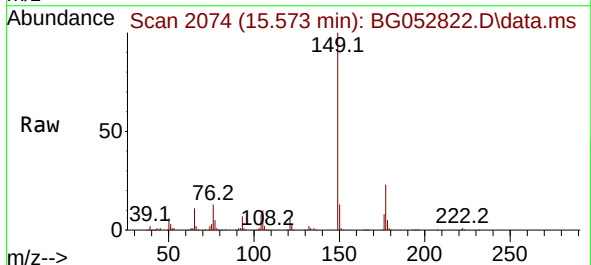
Instrument :
BNA_G
ClientSampleId :
MHBMSD

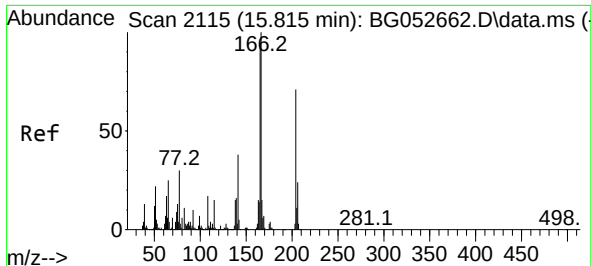
Tgt Ion:232 Resp: 121339
Ion Ratio Lower Upper
232 100
131 39.9 30.1 45.1
130 2.5 1.8 2.8
166 27.7 22.2 33.2



#60
Diethylphthalate
Concen: 47.795 ng
RT: 15.573 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:149 Resp: 391378
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.6 9.9 14.9

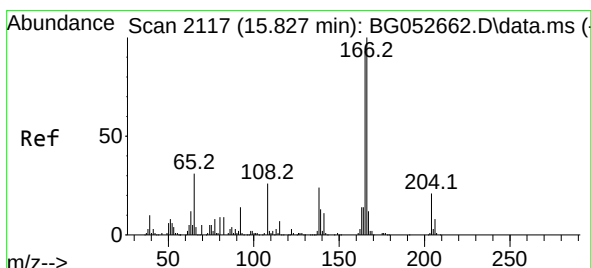
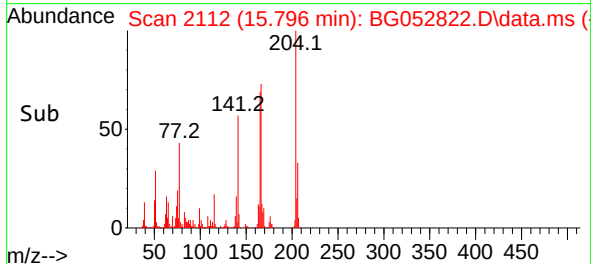
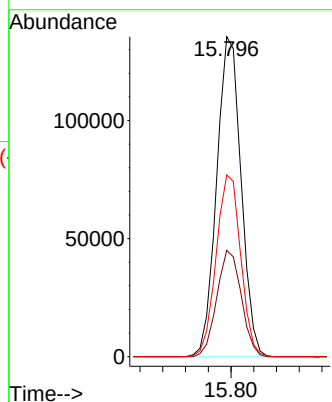
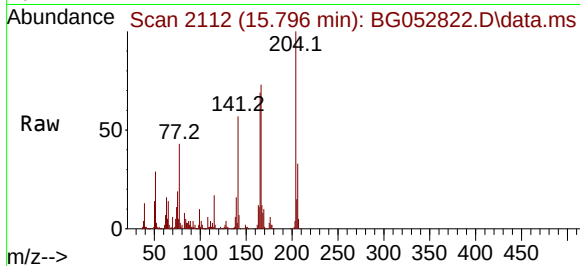




#61
4-Chlorophenyl-phenylether
Concen: 46.870 ng
RT: 15.796 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

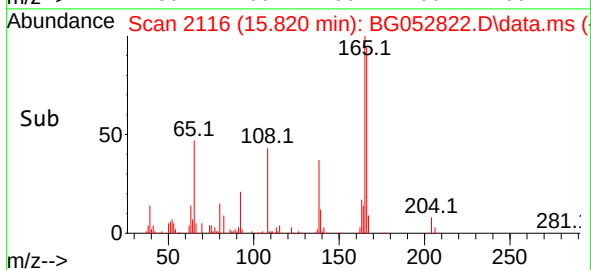
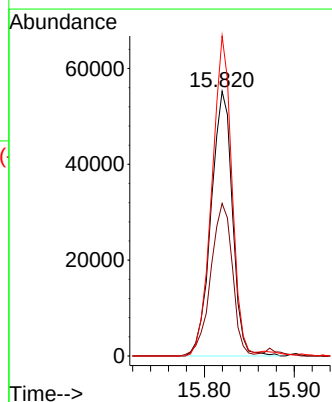
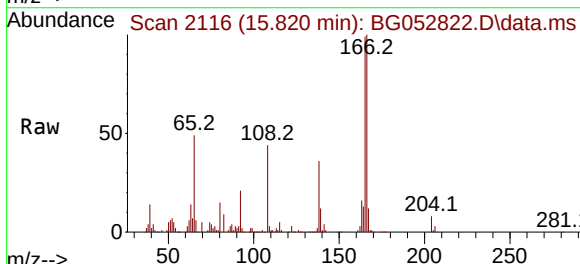
Instrument :
BNA_G
ClientSampleId :
MHBMSD

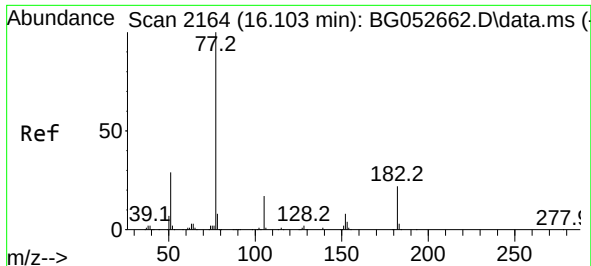
Tgt Ion:204 Resp: 202003
Ion Ratio Lower Upper
204 100
206 33.2 28.3 42.5
141 56.8 45.8 68.8



#62
4-Nitroaniline
Concen: 56.240 ng
RT: 15.820 min Scan# 2116
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:138 Resp: 91078
Ion Ratio Lower Upper
138 100
92 57.6 33.3 73.3
108 120.9 74.2 114.2#

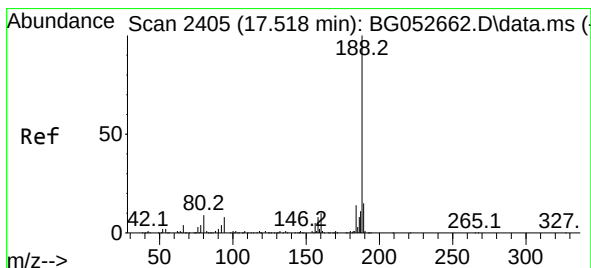
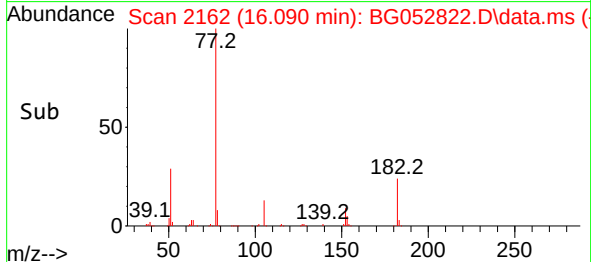
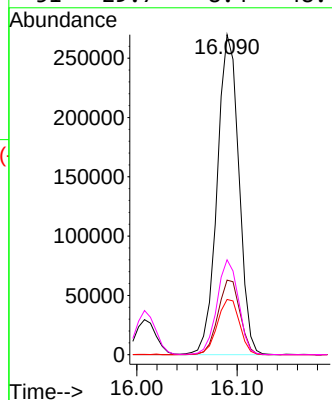
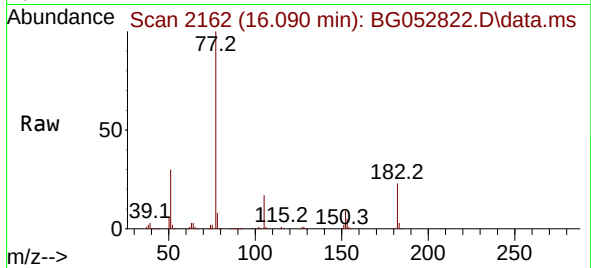




#63
Azobenzene
Concen: 46.216 ng
RT: 16.090 min Scan# 2164
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

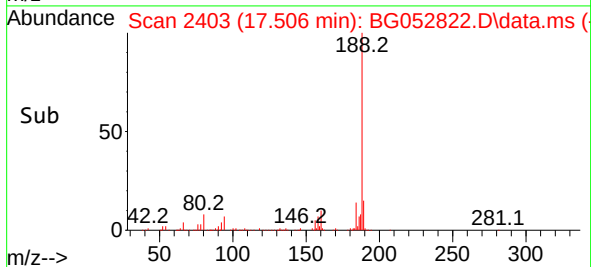
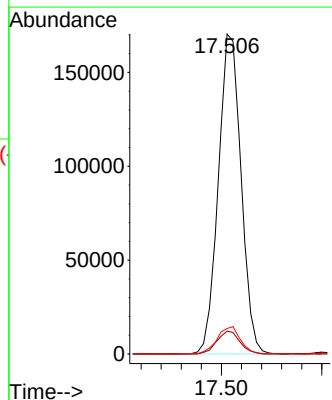
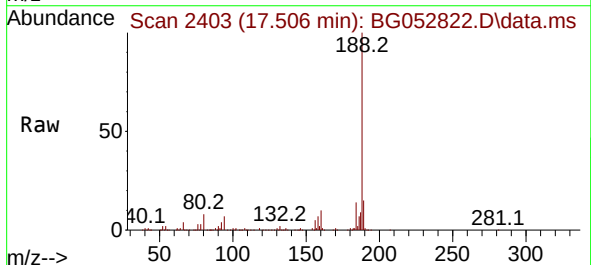
Instrument :
BNA_G
ClientSampleId :
MHBMSD

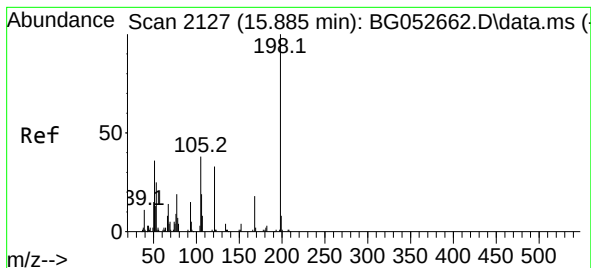
Tgt Ion: 77	Resp: 404494
Ion Ratio	Lower Upper
77 100	
182 23.3	5.6 45.6
105 17.3	0.0 38.8
51 29.7	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2403
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:188	Resp: 267705
Ion Ratio	Lower Upper
188 100	
94 7.2	5.7 8.5
80 7.9	7.2 10.8

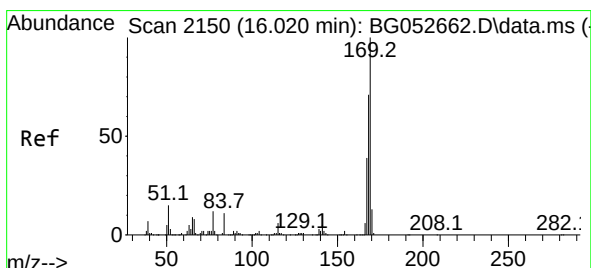
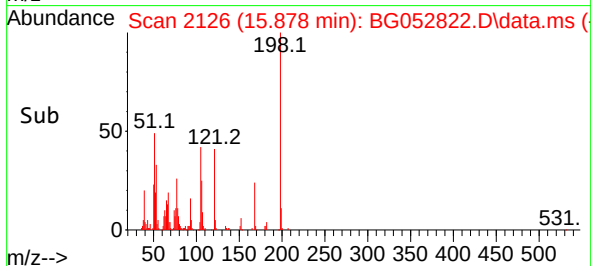
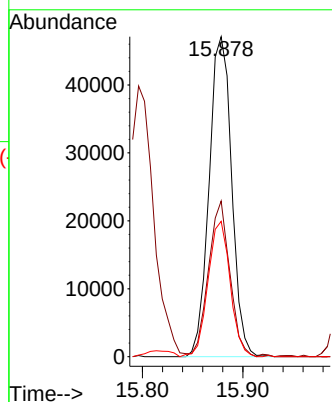
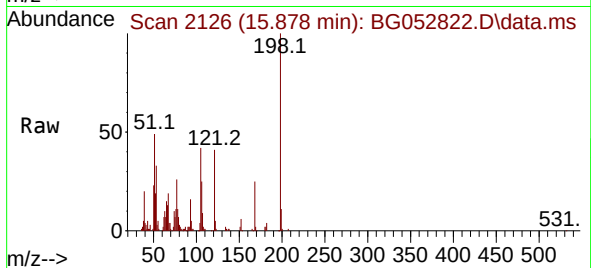




#65
4,6-Dinitro-2-methylphenol
Concen: 61.754 ng
RT: 15.878 min Scan# 2127
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

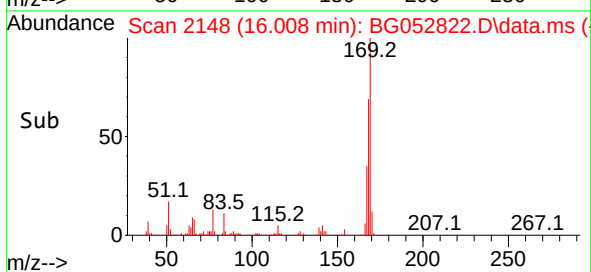
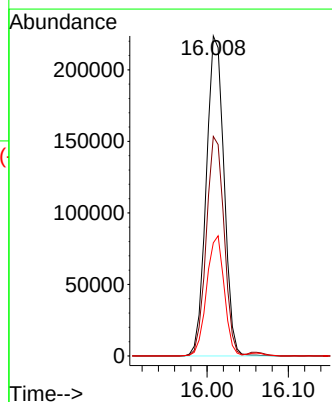
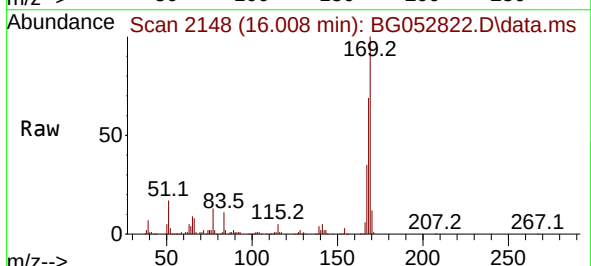
Instrument :
BNA_G
ClientSampleId :
MHBMSD

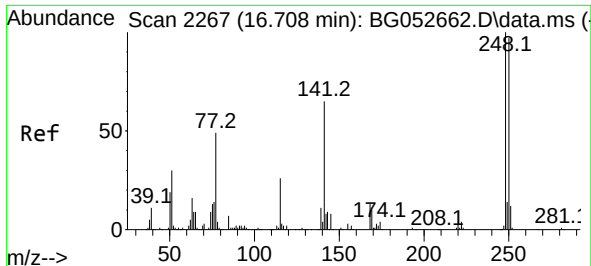
Tgt Ion:198 Resp: 73702
Ion Ratio Lower Upper
198 100
51 48.7 21.7 61.7
105 42.3 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 45.048 ng
RT: 16.008 min Scan# 2148
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:169 Resp: 339516
Ion Ratio Lower Upper
169 100
168 68.6 54.5 81.7
167 35.4 29.6 44.4

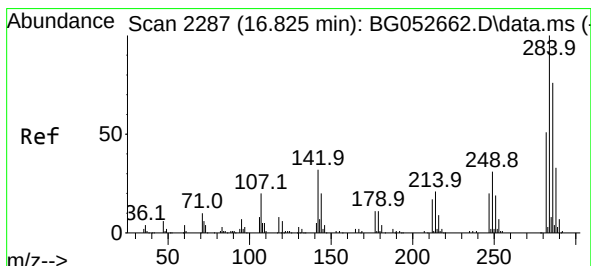
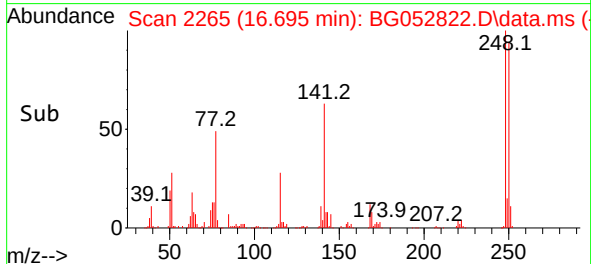
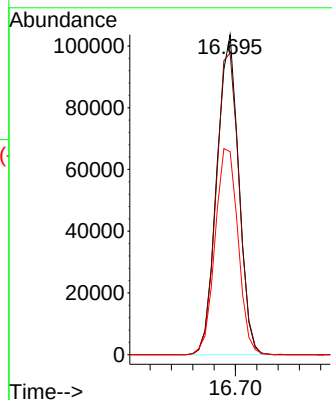
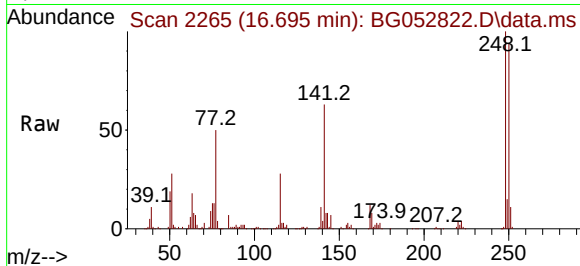




#67
4-Bromophenyl-phenylether
Concen: 45.766 ng
RT: 16.695 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

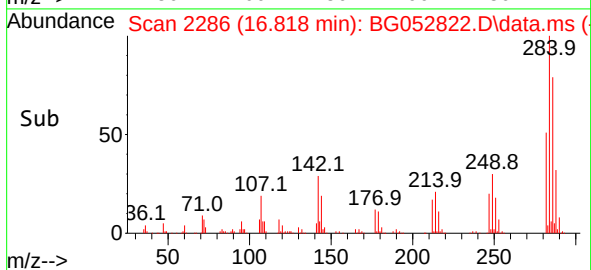
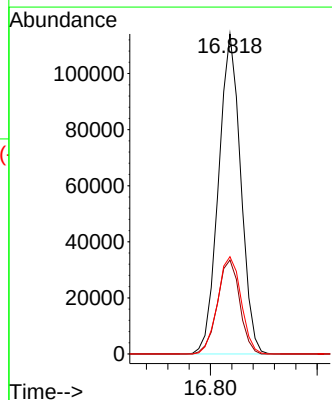
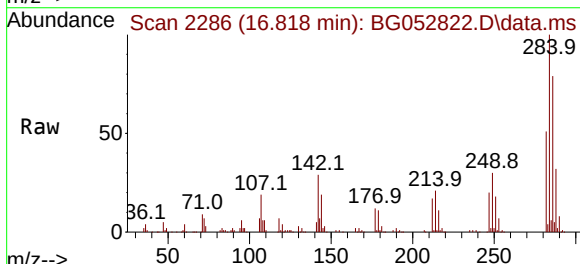
Instrument :
BNA_G
ClientSampleId :
MHBMSD

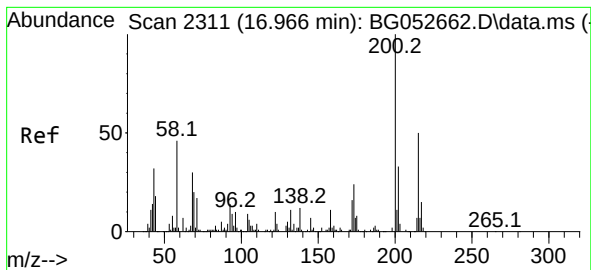
Tgt Ion:248 Resp: 147710
Ion Ratio Lower Upper
248 100
250 94.3 77.9 116.9
141 63.4 49.2 73.8



#68
Hexachlorobenzene
Concen: 47.374 ng
RT: 16.818 min Scan# 2286
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:284 Resp: 164347
Ion Ratio Lower Upper
284 100
142 29.3 21.0 31.4
249 30.4 22.7 34.1





#69

Atrazine

Concen: 53.377 ng

RT: 16.953 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

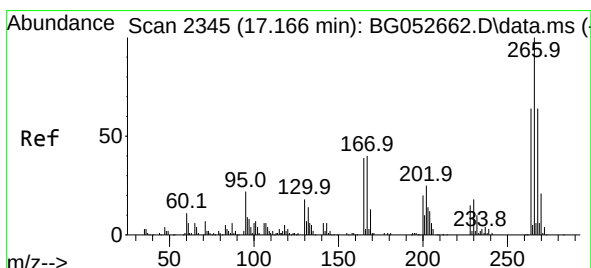
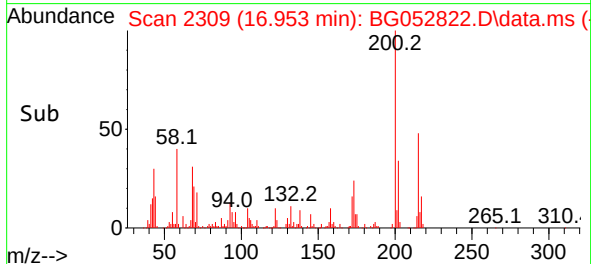
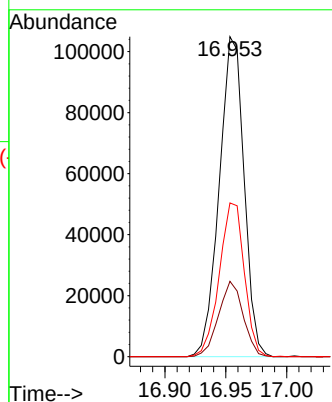
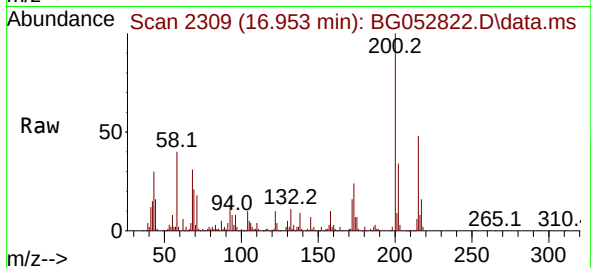
Tgt Ion:200 Resp: 148338

Ion Ratio Lower Upper

200 100

173 23.6 3.8 43.8

215 48.1 26.3 66.3



#70

Pentachlorophenol

Concen: 101.016 ng

RT: 17.159 min Scan# 2344

Delta R.T. 0.007 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

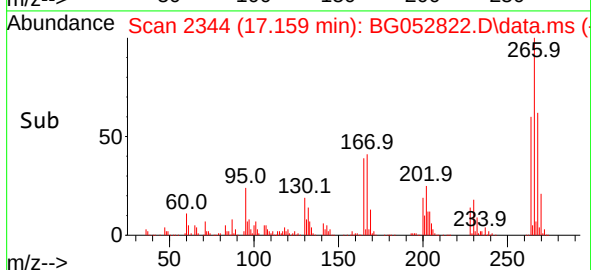
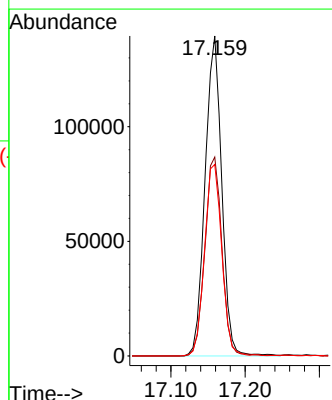
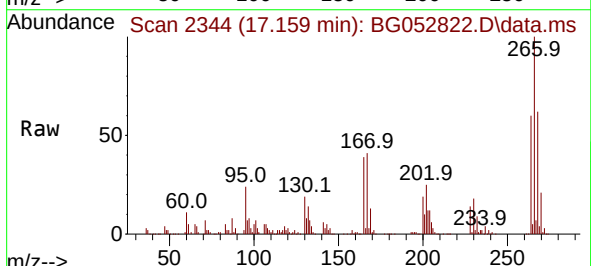
Tgt Ion:266 Resp: 217409

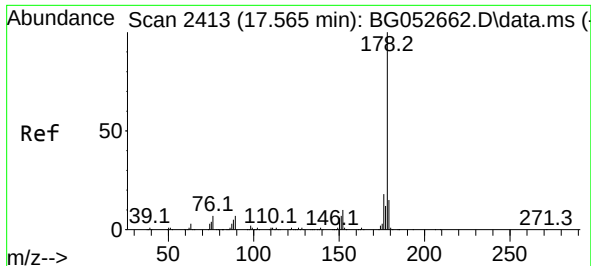
Ion Ratio Lower Upper

266 100

268 62.2 45.9 68.9

264 59.9 45.3 67.9

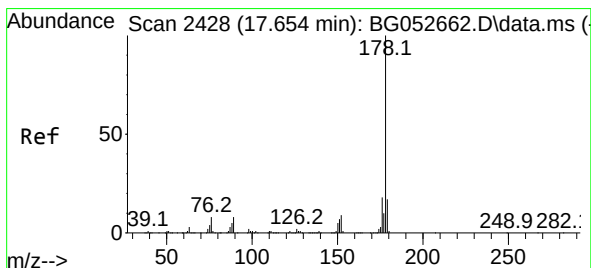
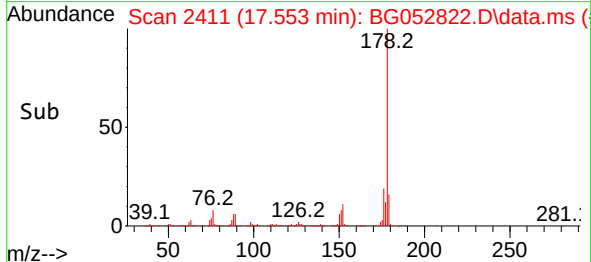
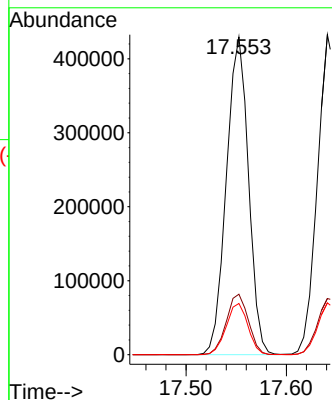
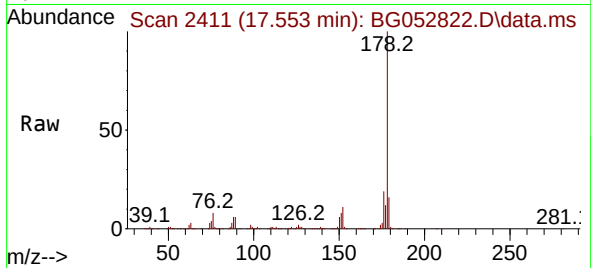




#71
Phenanthrene
Concen: 45.890 ng
RT: 17.553 min Scan# 2413
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

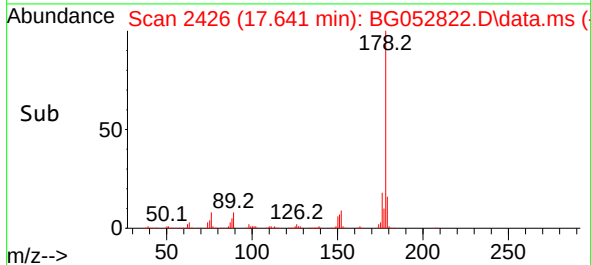
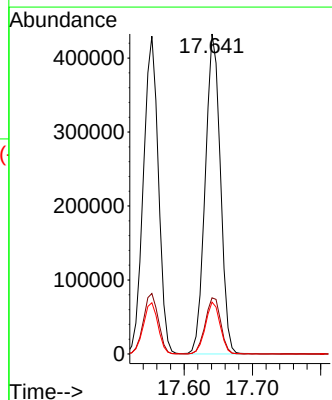
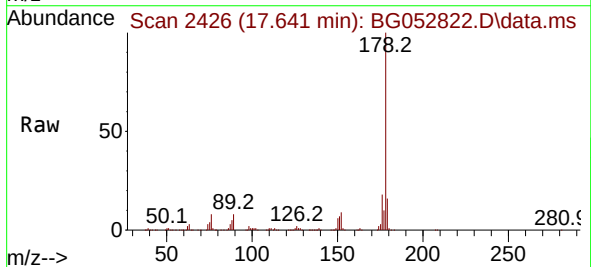
Instrument :
BNA_G
ClientSampleId :
MHBMSD

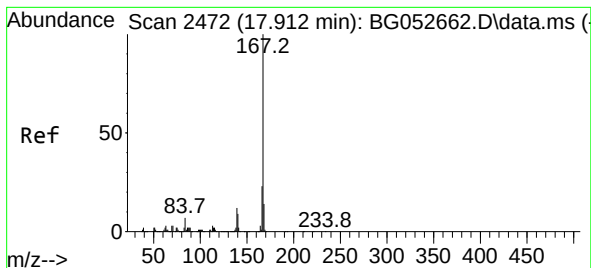
Tgt Ion:178 Resp: 657213
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 16.1 13.4 20.2



#72
Anthracene
Concen: 47.107 ng
RT: 17.641 min Scan# 2426
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:178 Resp: 666925
Ion Ratio Lower Upper
178 100
176 17.6 14.7 22.1
179 16.2 13.2 19.8





#73

Carbazole

Concen: 43.600 ng

RT: 17.905 min Scan# 2471

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

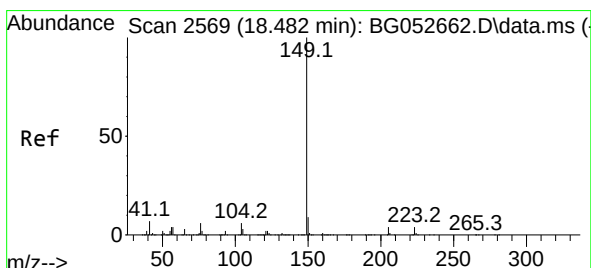
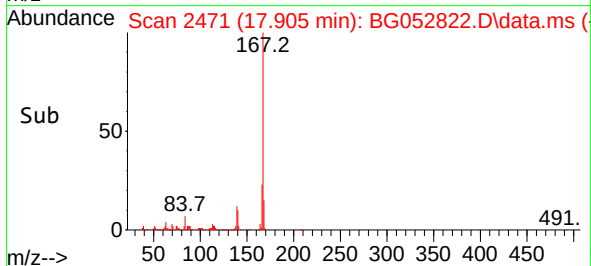
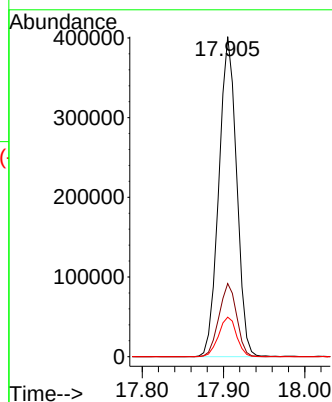
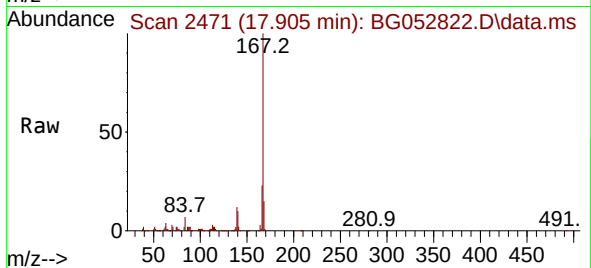
Tgt Ion:167 Resp: 611340

Ion Ratio Lower Upper

167 100

166 22.8 18.5 27.7

139 12.4 10.0 15.0



#74

Di-n-butylphthalate

Concen: 45.925 ng

RT: 18.463 min Scan# 2566

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

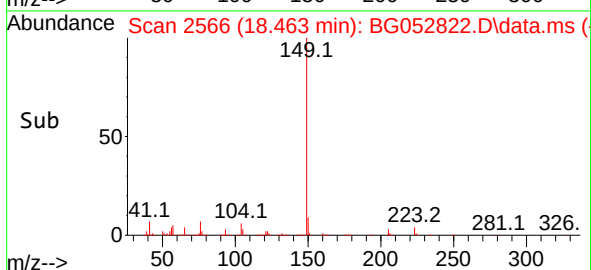
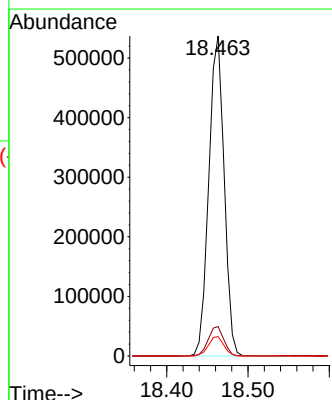
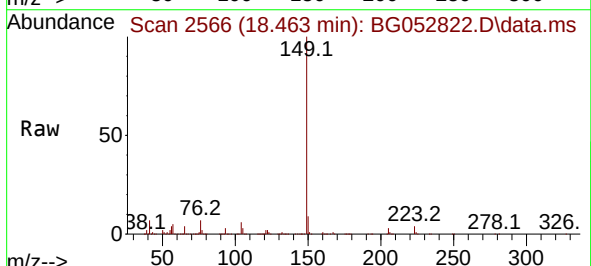
Tgt Ion:149 Resp: 703478

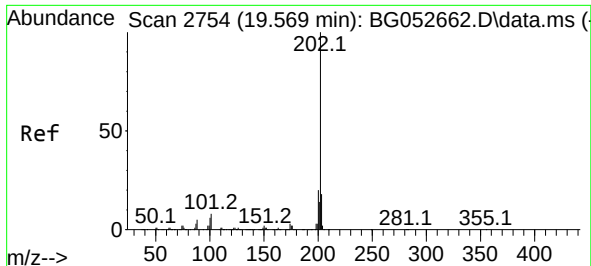
Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

104 6.1 4.6 7.0

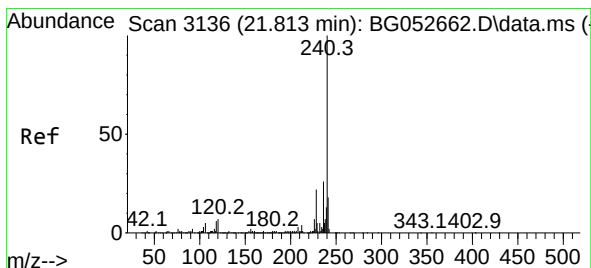
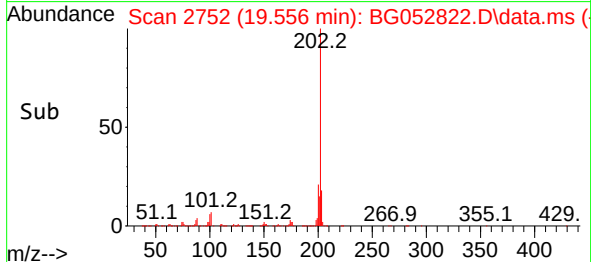
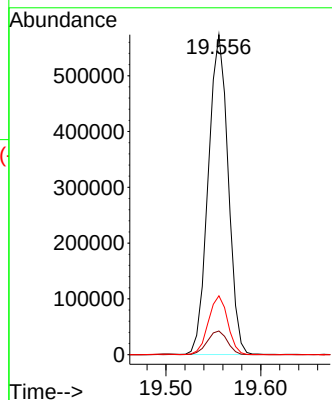
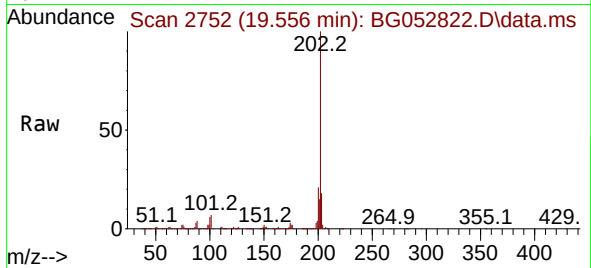




#75
Fluoranthene
Concen: 45.909 ng
RT: 19.556 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

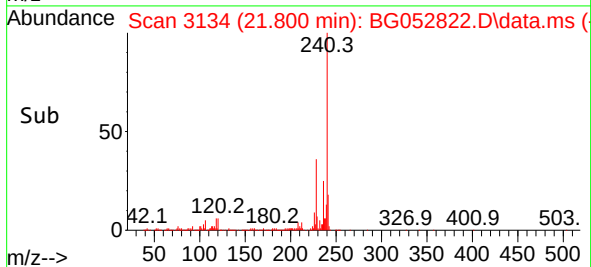
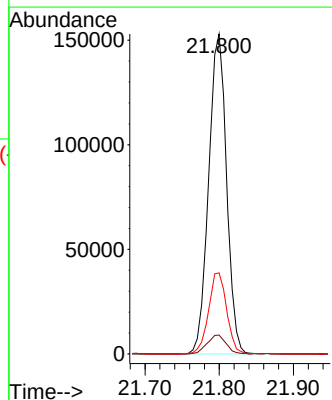
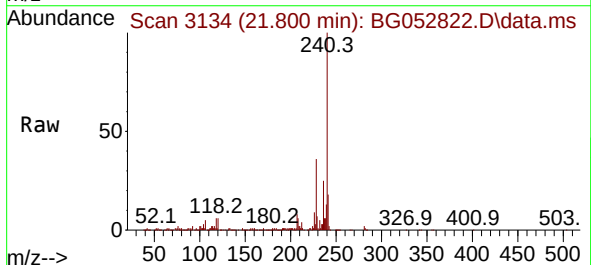
Instrument :
BNA_G
ClientSampleId :
MHBMSD

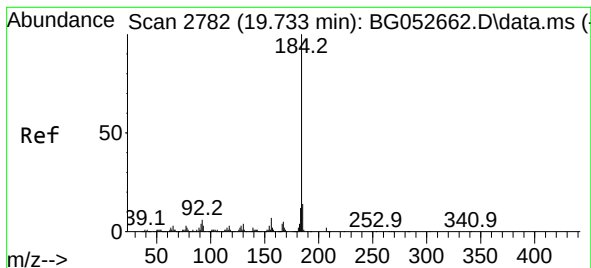
Tgt Ion:202 Resp: 834592
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.3
203 18.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.800 min Scan# 3134
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:240 Resp: 256306
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 25.3 19.8 29.6





#77

Benzidine

Concen: 67.483 ng

RT: 19.726 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

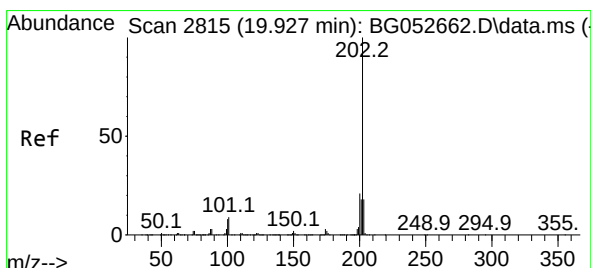
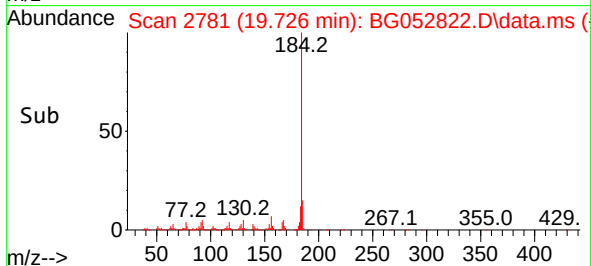
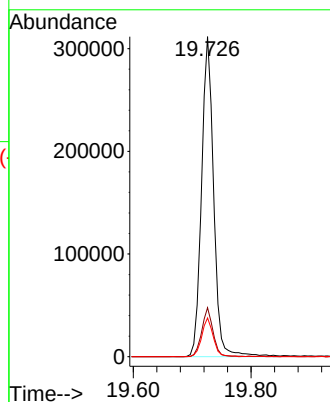
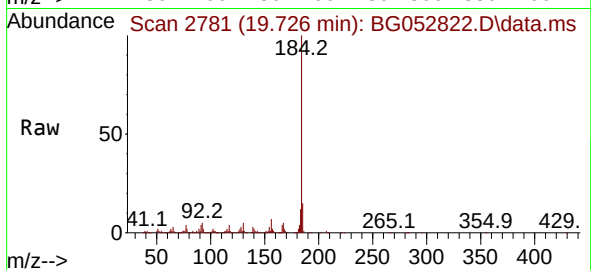
Tgt Ion:184 Resp: 446106

Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

183 12.1 9.4 14.2



#78

Pyrene

Concen: 46.451 ng

RT: 19.914 min Scan# 2813

Delta R.T. -0.004 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

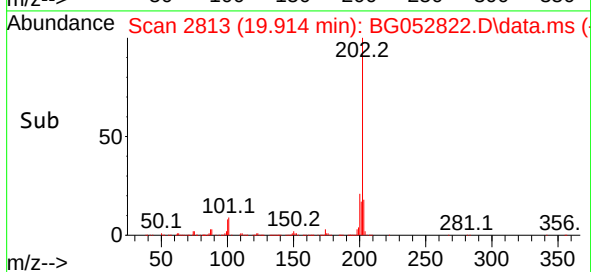
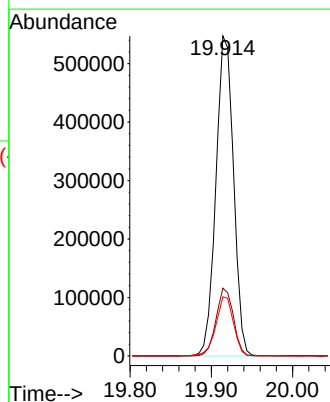
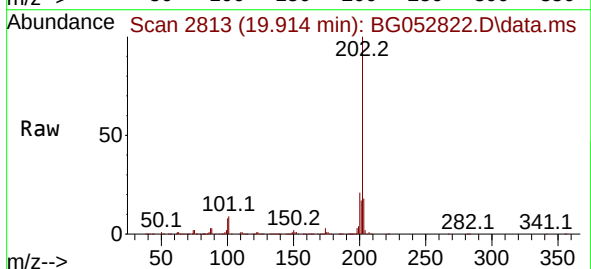
Tgt Ion:202 Resp: 825860

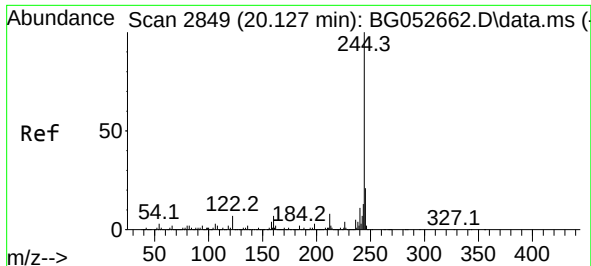
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 18.5 15.0 22.6

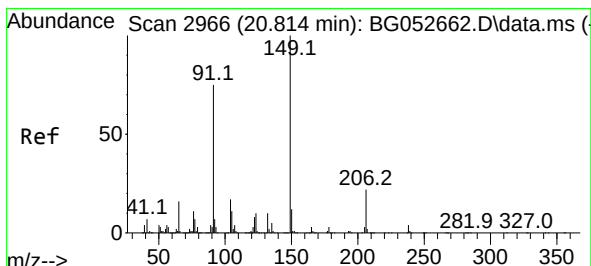
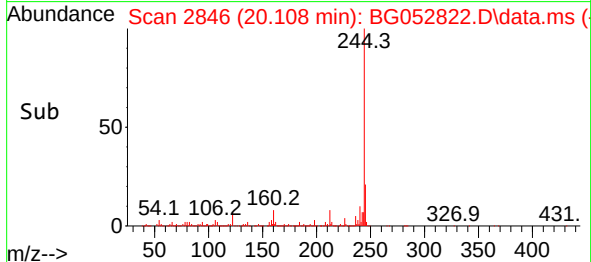
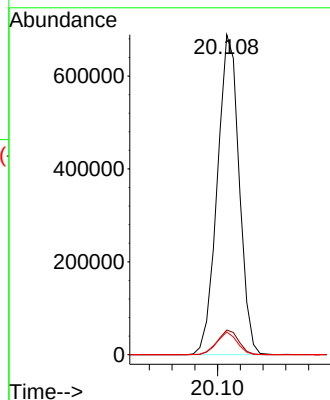
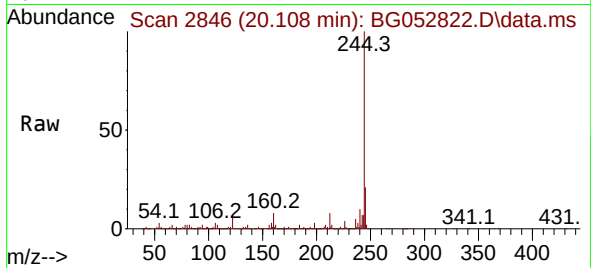




#79
 Terphenyl-d14
 Concen: 63.807 ng
 RT: 20.108 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG052822.D
 Acq: 24 Mar 2022 23:33

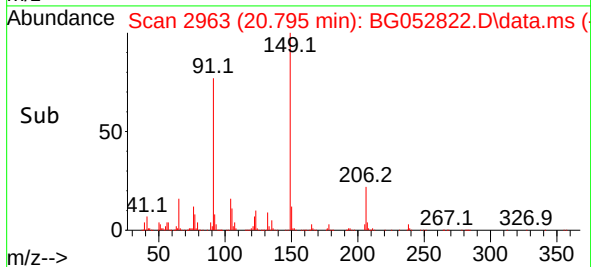
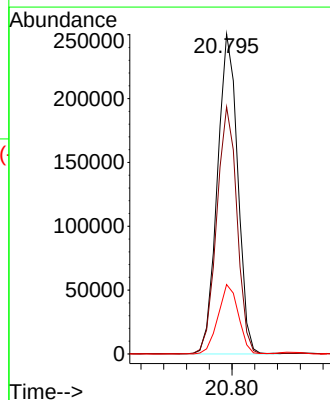
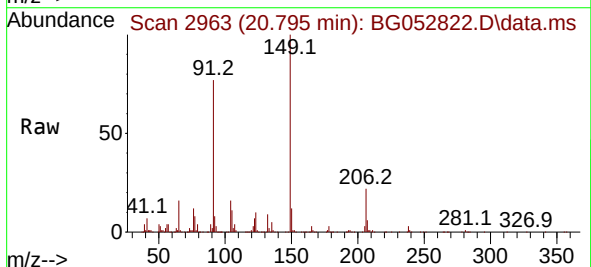
Instrument :
 BNA_G
 ClientSampleId :
 MHBMSD

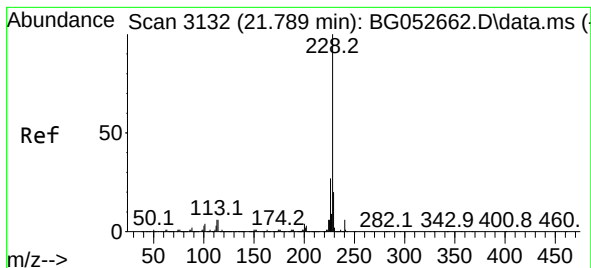
Tgt Ion:244 Resp: 919366
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 7.1 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 49.331 ng
 RT: 20.795 min Scan# 2963
 Delta R.T. 0.002 min
 Lab File: BG052822.D
 Acq: 24 Mar 2022 23:33

Tgt Ion:149 Resp: 311115
 Ion Ratio Lower Upper
 149 100
 91 77.2 60.2 90.4
 206 21.7 19.4 29.2





#81

Benzo(a)anthracene

Concen: 47.068 ng

RT: 21.776 min Scan# 3130

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

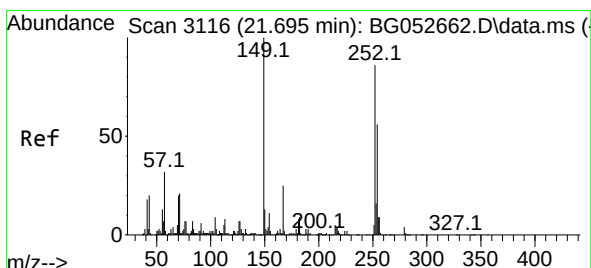
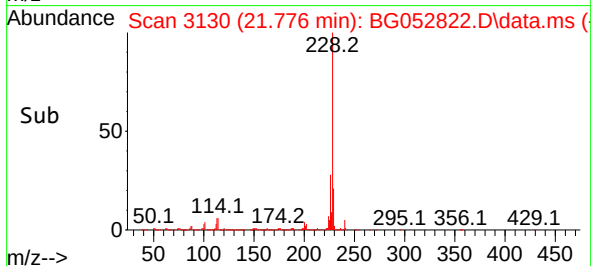
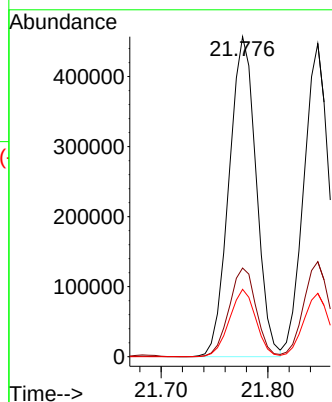
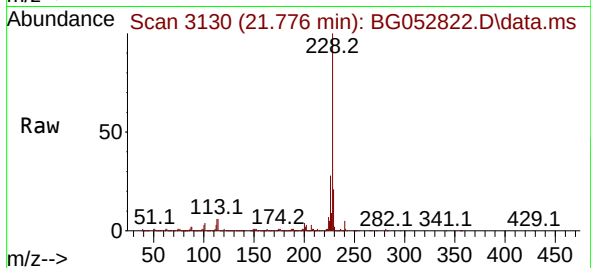
Tgt Ion:228 Resp: 807807

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.0

229 21.1 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 33.123 ng

RT: 21.682 min Scan# 3114

Delta R.T. -0.004 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

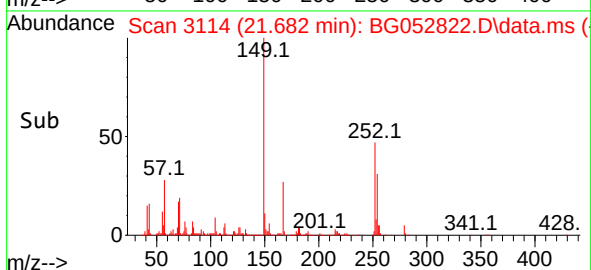
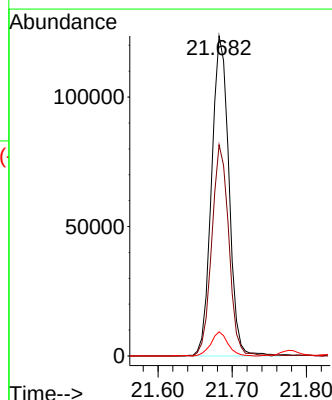
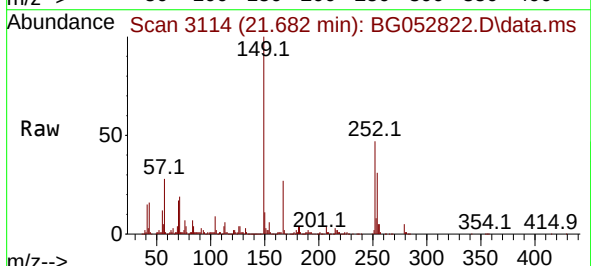
Tgt Ion:252 Resp: 200748

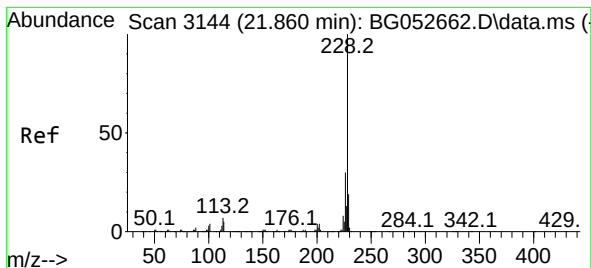
Ion Ratio Lower Upper

252 100

254 66.0 51.2 76.8

126 7.6 5.8 8.8





#83

Chrysene

Concen: 45.623 ng

RT: 21.847 min Scan# 3113

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

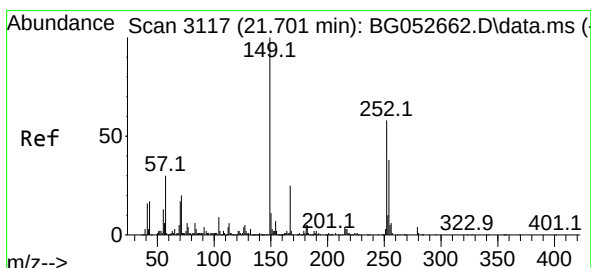
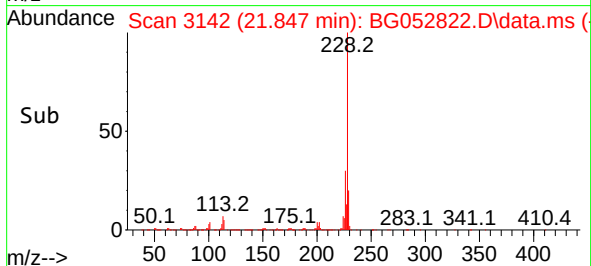
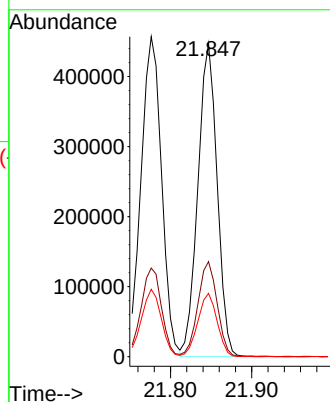
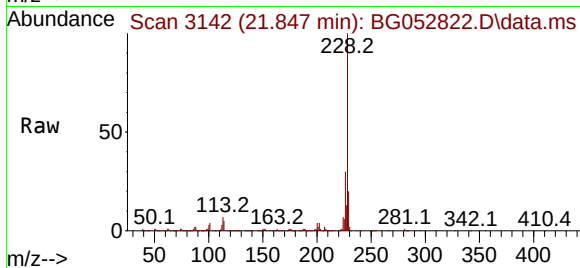
Tgt Ion:228 Resp: 736110

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.551 ng

RT: 21.676 min Scan# 3113

Delta R.T. 0.002 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

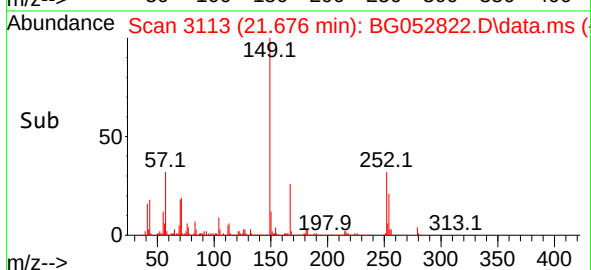
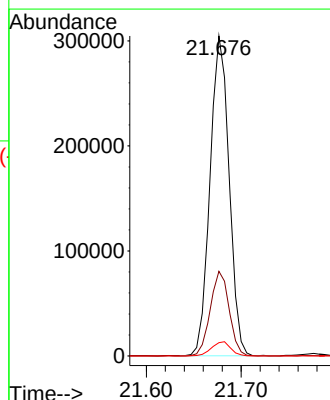
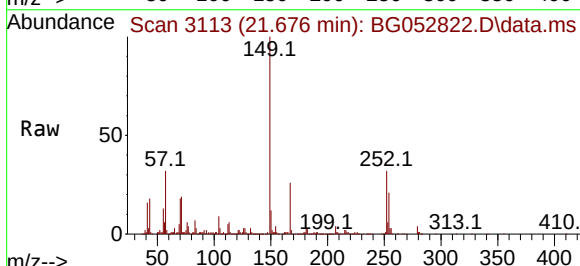
Tgt Ion:149 Resp: 424987

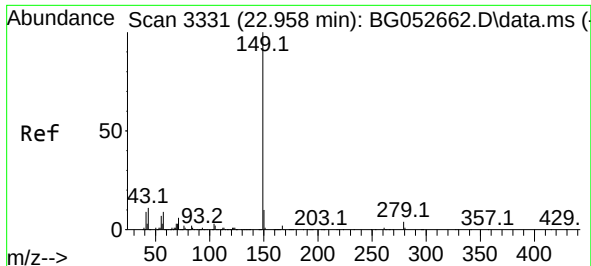
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 4.2 3.8 5.8

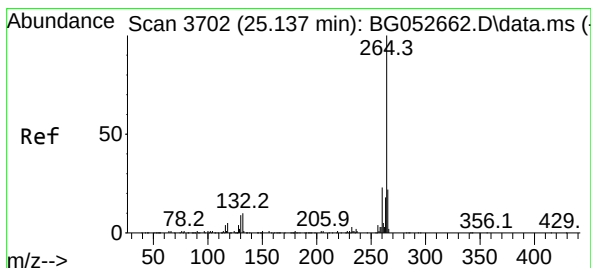
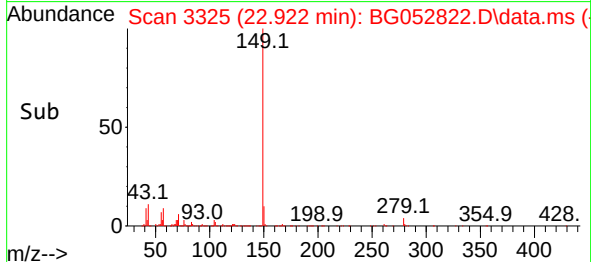
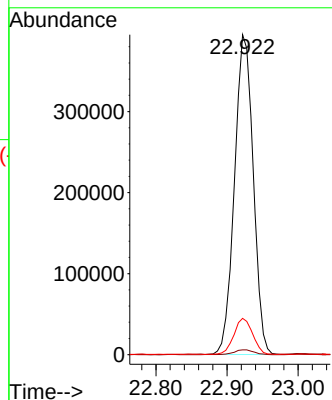
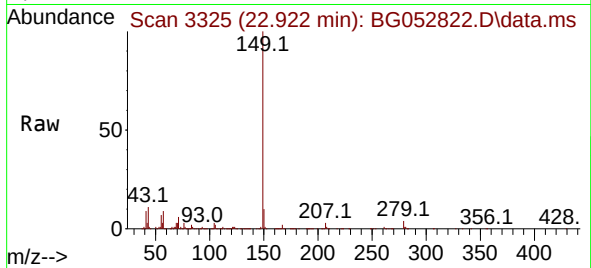




#85
Di-n-octyl phthalate
Concen: 50.702 ng
RT: 22.922 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

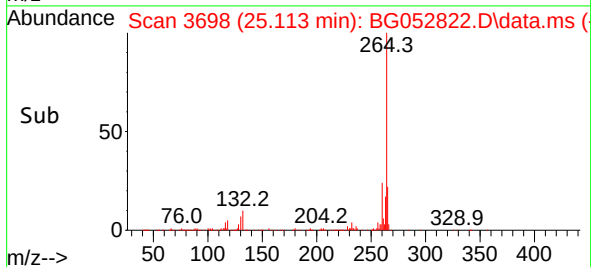
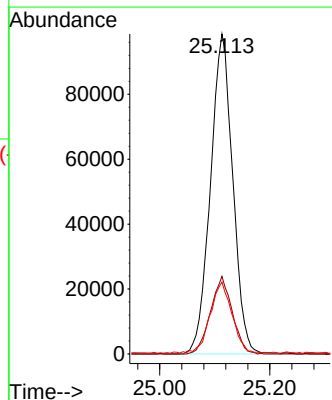
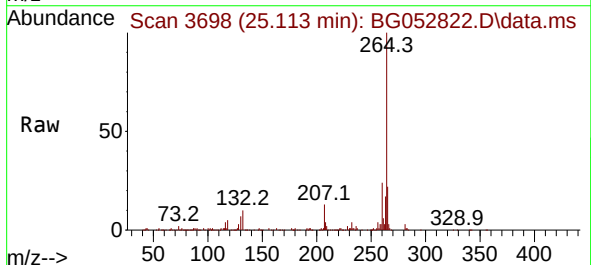
Instrument :
BNA_G
ClientSampleId :
MHBMSD

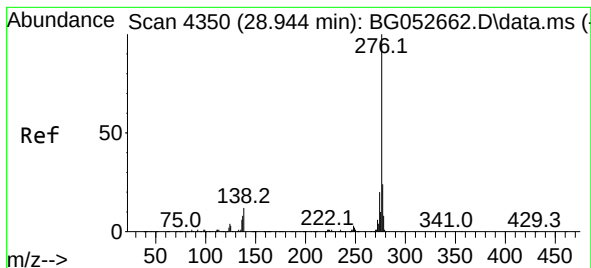
Tgt Ion:149 Resp: 723943
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.113 min Scan# 3698
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:264 Resp: 277291
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.2
265 22.4 15.1 22.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.968 ng

RT: 28.908 min Scan# 41

Delta R.T. 0.007 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

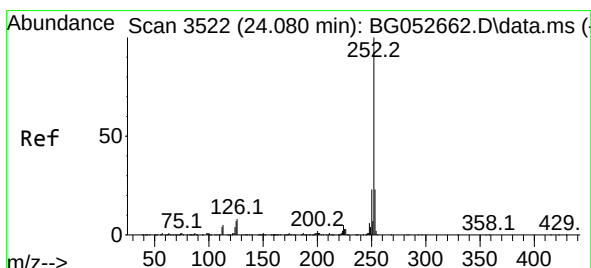
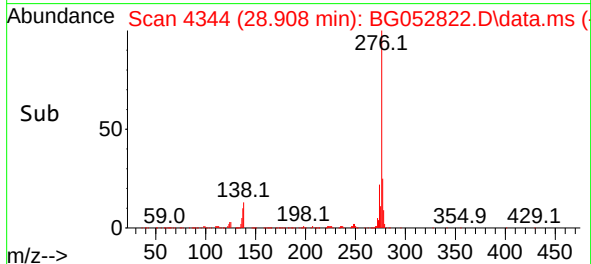
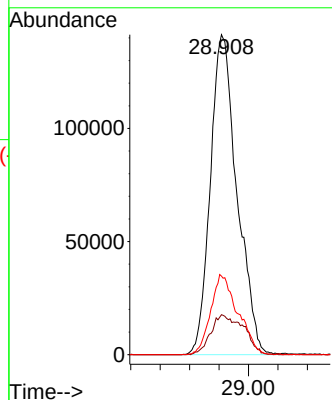
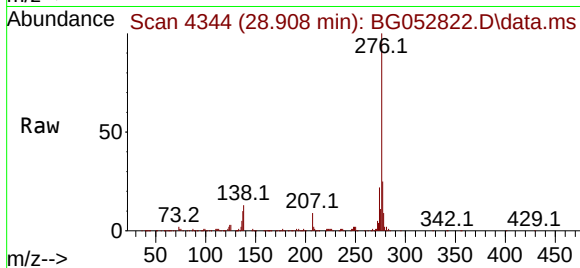
Tgt Ion:276 Resp: 891441

Ion Ratio Lower Upper

276 100

138 15.3 8.7 13.1#

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.119 ng

RT: 24.061 min Scan# 3519

Delta R.T. 0.007 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

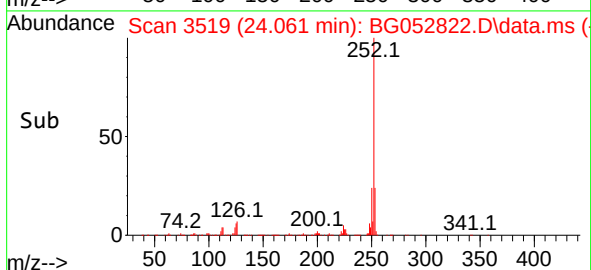
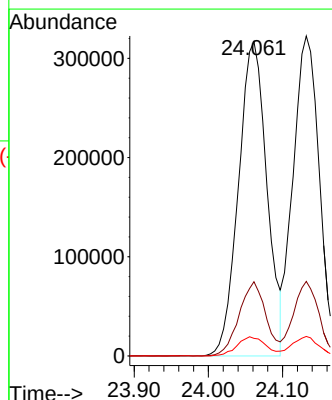
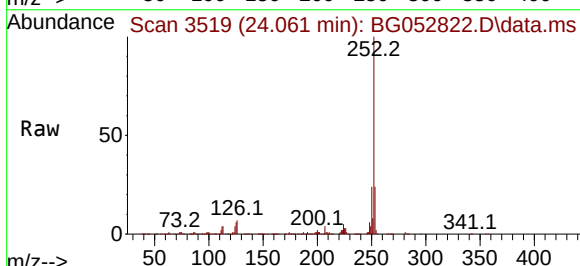
Tgt Ion:252 Resp: 845689

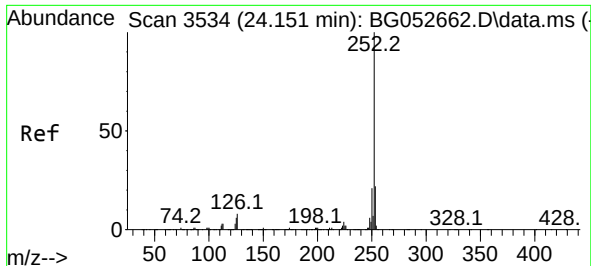
Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 5.6 5.2 7.8

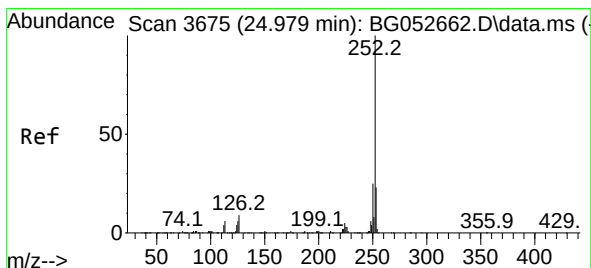
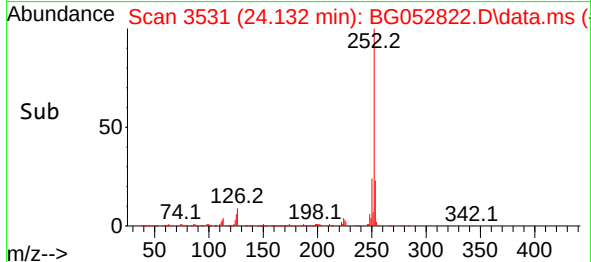
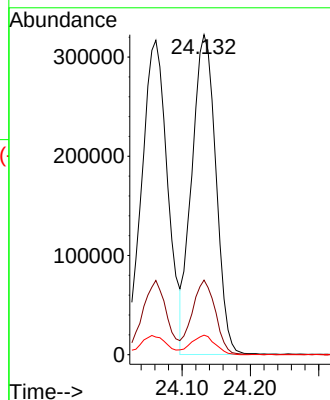
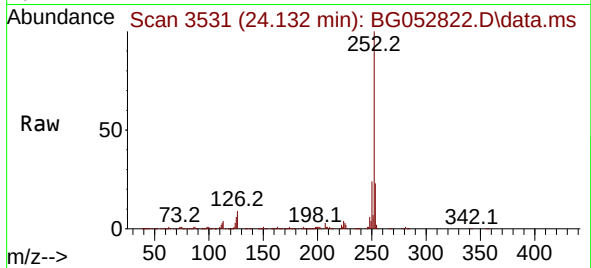




#89
Benzo(k)fluoranthene
Concen: 46.493 ng
RT: 24.132 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

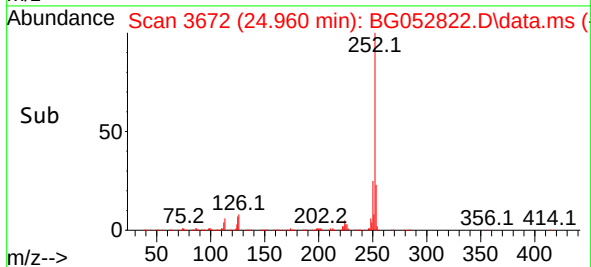
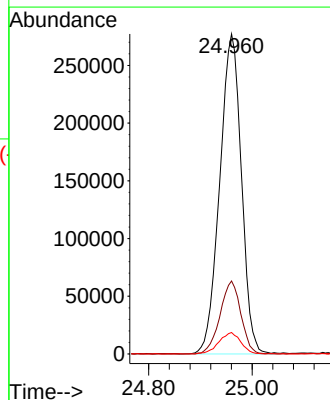
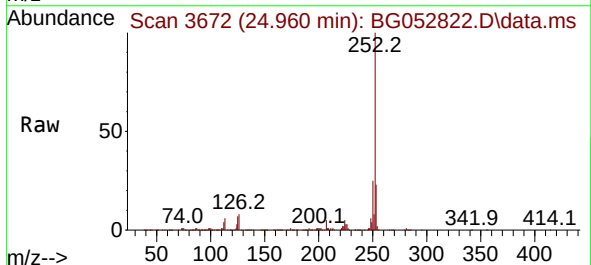
Instrument :
BNA_G
ClientSampleId :
MHBMSD

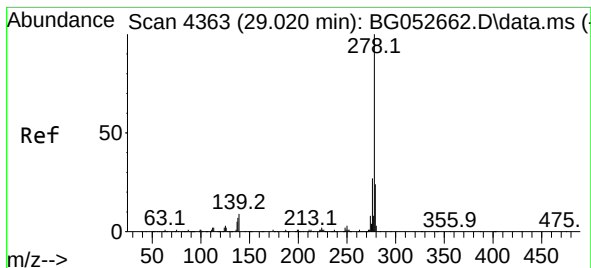
Tgt Ion:252 Resp: 787573
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 6.1 5.0 7.4



#90
Benzo(a)pyrene
Concen: 55.264 ng
RT: 24.960 min Scan# 3672
Delta R.T. 0.007 min
Lab File: BG052822.D
Acq: 24 Mar 2022 23:33

Tgt Ion:252 Resp: 805413
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 6.7 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 49.355 ng

RT: 28.978 min Scan# 41

Delta R.T. 0.007 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

MHBMSD

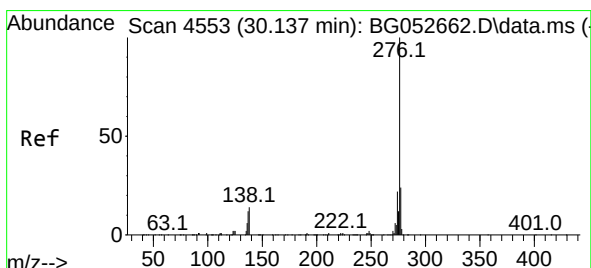
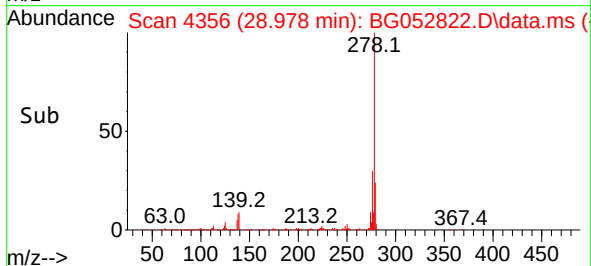
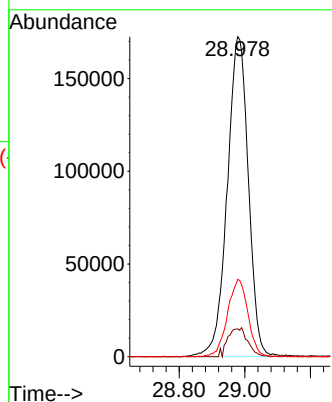
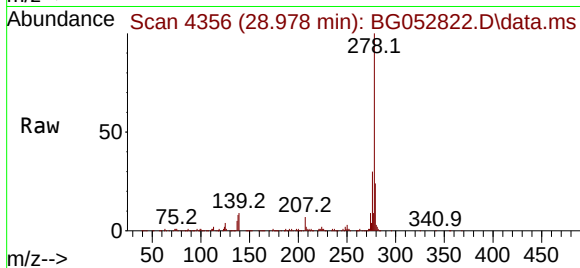
Tgt Ion:278 Resp: 771869

Ion Ratio Lower Upper

278 100

139 8.7 7.8 11.6

279 24.2 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 49.689 ng

RT: 30.106 min Scan# 4548

Delta R.T. 0.013 min

Lab File: BG052822.D

Acq: 24 Mar 2022 23:33

Tgt Ion:276 Resp: 768898

Ion Ratio Lower Upper

276 100

277 22.8 18.2 27.2

138 12.2 9.1 13.7

