

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053905.D
 Acq On : 14 Jun 2022 17:27
 Operator : CG/JU
 Sample : N3299-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COM-4MS

Quant Time: Jun 15 03:01:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	22923	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	87225	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	67840	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	177736	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	199709	20.000	ng	0.00
86) Perylene-d12	24.991	264	212260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	172088	143.531	ng	0.00
7) Phenol-d6	7.241	99	209710	128.935	ng	0.00
23) Nitrobenzene-d5	9.245	82	156570	100.873	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	175163	160.704	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	445398	95.470	ng	0.00
79) Terphenyl-d14	20.062	244	1012275	102.089	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.557	88	20639	39.379	ng	# 90
3) Pyridine	3.951	79	50917	36.405	ng	96
4) n-Nitrosodimethylamine	3.857	42	31606	51.375	ng	# 99
6) Aniline	7.412	93	54859	28.448	ng	97
8) 2-Chlorophenol	7.653	128	68309	53.359	ng	94
9) Benzaldehyde	7.218	77	34269	35.700	ng	# 78
10) Phenol	7.271	94	75804	45.988	ng	94
11) bis(2-Chloroethyl)ether	7.500	93	63390	50.103	ng	95
12) 1,3-Dichlorobenzene	7.976	146	76045	47.406	ng	93
13) 1,4-Dichlorobenzene	8.123	146	76600	47.537	ng	97
14) 1,2-Dichlorobenzene	8.440	146	74502	48.164	ng	97
15) Benzyl Alcohol	8.322	79	67823	55.793	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.610	45	91919	48.600	ng	98
17) 2-Methylphenol	8.522	107	57543	50.253	ng	92
18) Hexachloroethane	9.174	117	25571	47.836	ng	# 83
19) n-Nitroso-di-n-propyla...	8.892	70	54564	49.934	ng	97
20) 3+4-Methylphenols	8.851	107	78627	48.963	ng	95
22) Acetophenone	8.904	105	106030	50.009	ng	# 96
24) Nitrobenzene	9.286	77	77526	50.722	ng	# 90
25) Isophorone	9.815	82	153556	52.972	ng	95
26) 2-Nitrophenol	9.997	139	37006	54.815	ng	# 83
27) 2,4-Dimethylphenol	10.056	122	67074	61.384	ng	90
28) bis(2-Chloroethoxy)met...	10.291	93	87609	56.100	ng	# 97
29) 2,4-Dichlorophenol	10.537	162	82530	56.332	ng	92
30) 1,2,4-Trichlorobenzene	10.761	180	88141	48.588	ng	94
31) Naphthalene	10.949	128	210331	47.766	ng	99
32) Benzoic acid	10.244	122	2112	14.678	ng	# 66
33) 4-Chloroaniline	11.049	127	11251	6.159	ng	# 88
34) Hexachlorobutadiene	11.237	225	67647	48.503	ng	97
35) Caprolactam	11.812	113	9126	22.627	ng	# 83
36) 4-Chloro-3-methylphenol	12.159	107	78914	55.410	ng	86
37) 2-Methylnaphthalene	12.547	142	156505	48.039	ng	96
38) 1-Methylnaphthalene	12.764	142	153646	48.435	ng	99
40) 1,2,4,5-Tetrachloroben...	12.911	216	125303	47.934	ng	95
41) Hexachlorocyclopentadiene	12.899	237	129366	106.281	ng	96
43) 2,4,6-Trichlorophenol	13.146	196	78009	53.126	ng	95

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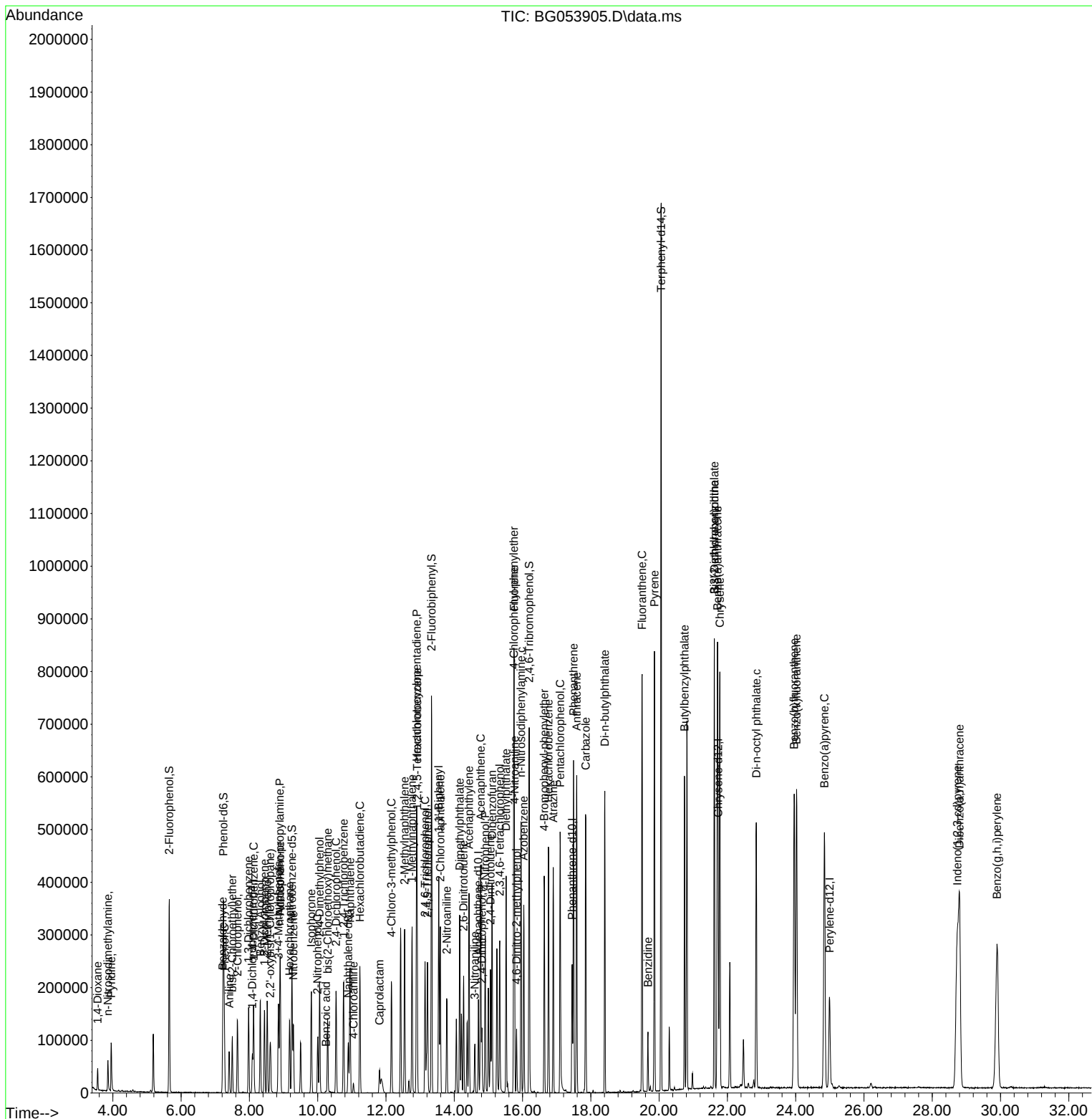
Instrument :
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 ClientSampleId :
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Quant Time: Jun 15 03:01:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	85999	52.454	ng	# 92
46) 1,1'-Biphenyl	13.546	154	233628	49.440	ng	98
47) 2-Chloronaphthalene	13.593	162	187346	48.989	ng	95
48) 2-Nitroaniline	13.781	65	53963	53.045	ng	# 86
49) Acenaphthylene	14.433	152	303814	51.090	ng	99
50) Dimethylphthalate	14.157	163	260460	50.412	ng	99
51) 2,6-Dinitrotoluene	14.274	165	57898	55.465	ng	# 75
52) Acenaphthene	14.774	154	192850	50.876	ng	99
53) 3-Nitroaniline	14.603	138	24319	24.047	ng	93
54) 2,4-Dinitrophenol	14.809	184	36268	64.468	ng	# 73
55) Dibenzofuran	15.109	168	301044	49.292	ng	94
56) 4-Nitrophenol	14.909	139	76876	107.070	ng	88
57) 2,4-Dinitrotoluene	15.062	165	80797	54.806	ng	# 84
58) Fluorene	15.755	166	247349	49.327	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.332	232	82391	51.387	ng	# 90
60) Diethylphthalate	15.520	149	252876	50.540	ng	97
61) 4-Chlorophenyl-phenyle...	15.743	204	153845	51.247	ng	# 90
62) 4-Nitroaniline	15.767	138	50773	48.142	ng	# 80
63) Azobenzene	16.037	77	202802	50.354	ng	90
65) 4,6-Dinitro-2-methylph...	15.825	198	37009	41.737	ng	82
66) n-Nitrosodiphenylamine	15.955	169	229103	49.459	ng	97
67) 4-Bromophenyl-phenylether	16.636	248	111348	50.160	ng	92
68) Hexachlorobenzene	16.760	284	125475	49.414	ng	# 94
69) Atrazine	16.901	200	105156	54.801	ng	96
70) Pentachlorophenol	17.100	266	132286	112.152	ng	96
71) Phenanthrene	17.494	178	443646	48.584	ng	97
72) Anthracene	17.588	178	444633	49.862	ng	99
73) Carbazole	17.847	167	392344	51.260	ng	99
74) Di-n-butylphthalate	18.411	149	447460	50.562	ng	# 98
75) Fluoranthene	19.503	202	584110	48.727	ng	98
77) Benzidine	19.674	184	76711	18.548	ng	96
78) Pyrene	19.862	202	591907	49.072	ng	98
80) Butylbenzylphthalate	20.743	149	197080	50.975	ng	89
81) Benzo(a)anthracene	21.707	228	636010	49.186	ng	99
82) 3,3'-Dichlorobenzidine	21.619	252	102402	26.506	ng	97
83) Chrysene	21.777	228	585080	47.468	ng	97
84) Bis(2-ethylhexyl)phtha...	21.619	149	287112	51.924	ng	# 92
85) Di-n-octyl phthalate	22.847	149	499289	52.535	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.734	276	772872	48.250	ng	# 99
88) Benzo(b)fluoranthene	23.957	252	678953	52.608	ng	99
89) Benzo(k)fluoranthene	24.028	252	640283	50.108	ng	98
90) Benzo(a)pyrene	24.844	252	639408	58.720	ng	100
91) Dibenzo(a,h)anthracene	28.798	278	668609	50.477	ng	97
92) Benzo(g,h,i)perylene	29.897	276	663766	50.779	ng	96

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

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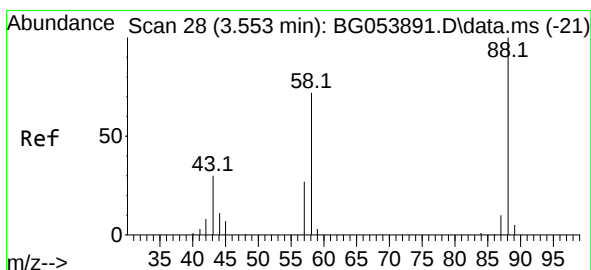
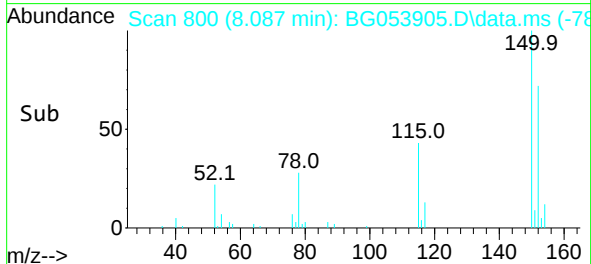
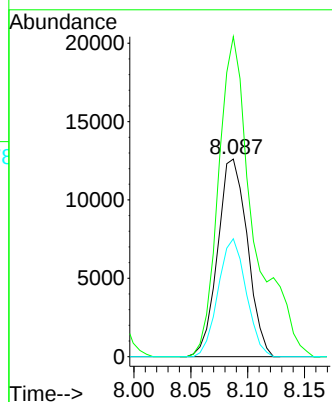
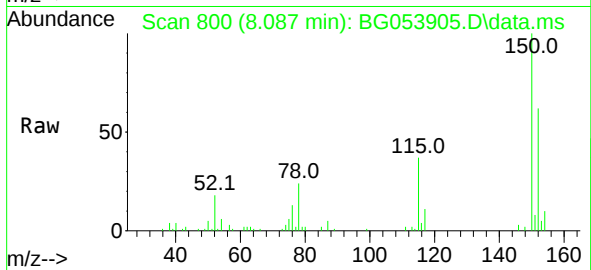




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

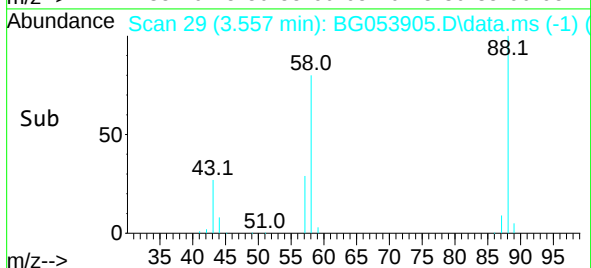
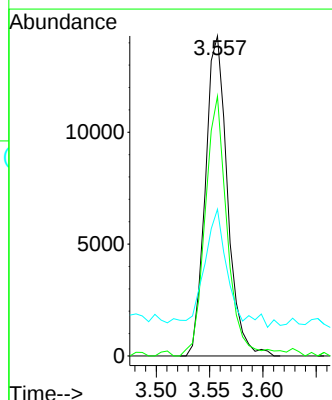
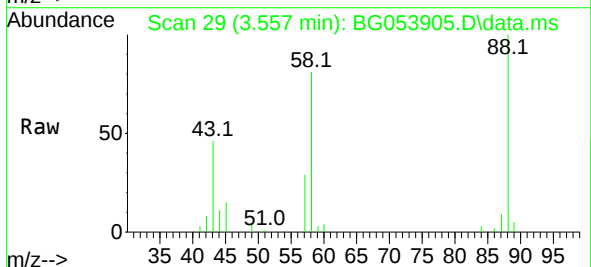
Instrument :
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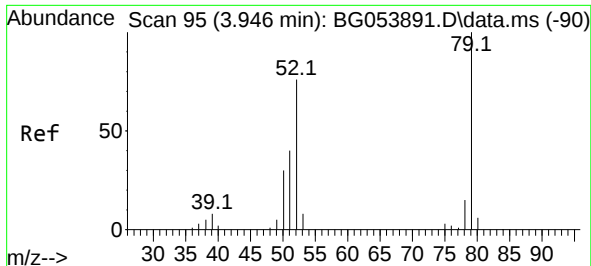
Tgt Ion:152 Resp: 22923
Ion Ratio Lower Upper
152 100
150 161.9 131.6 197.4
115 59.7 50.9 76.3



#2
1,4-Dioxane
Concen: 39.379 ng
RT: 3.557 min Scan# 29
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion: 88 Resp: 20639
Ion Ratio Lower Upper
88 100
58 81.4 59.2 88.8
43 37.0 24.3 36.5

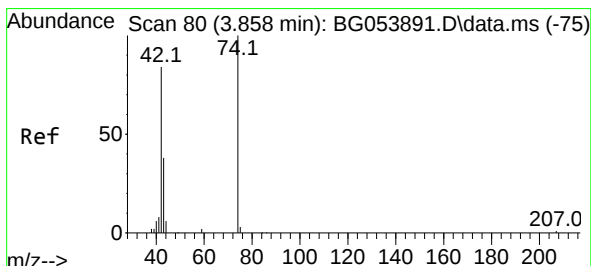
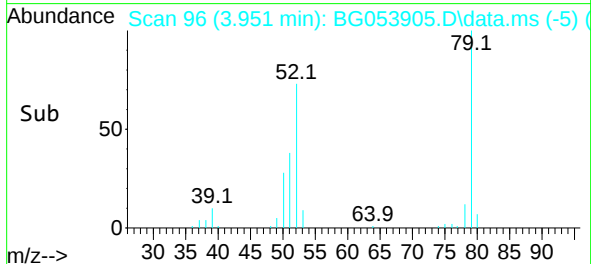
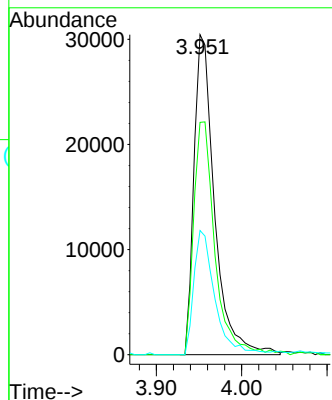
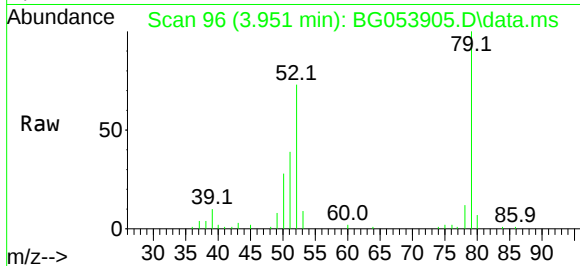




#3
 Pyridine
 Concen: 36.405 ng
 RT: 3.951 min Scan# 90
 Delta R.T. 0.005 min
 Lab File: BG053905.D
 Acq: 14 Jun 2022 17:27

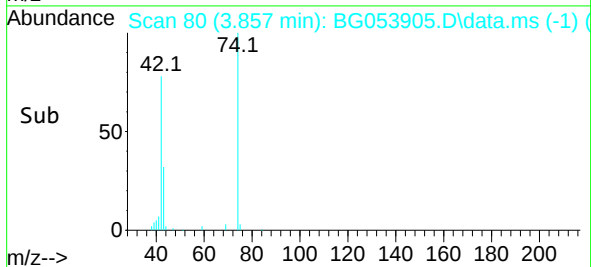
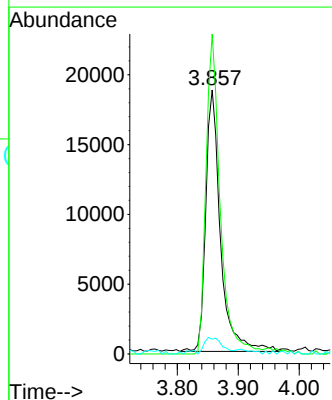
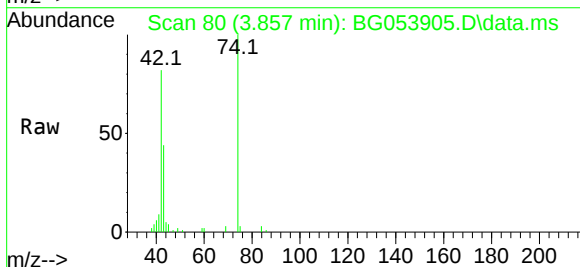
Instrument :
 BNA_G
 ClientSampleId :
 COM-4MS

Tgt Ion: 79 Resp: 50917
 Ion Ratio Lower Upper
 79 100
 52 72.6 54.6 81.8
 51 38.8 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 51.375 ng
 RT: 3.857 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BG053905.D
 Acq: 14 Jun 2022 17:27

Tgt Ion: 42 Resp: 31606
 Ion Ratio Lower Upper
 42 100
 74 121.2 97.0 145.4
 44 5.6 7.0 10.4

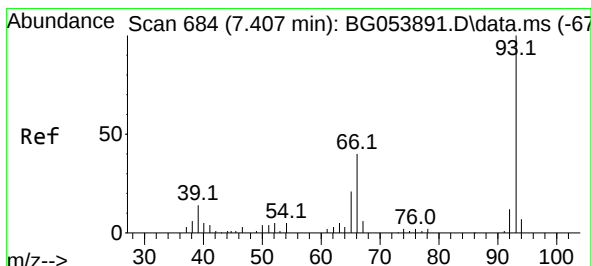
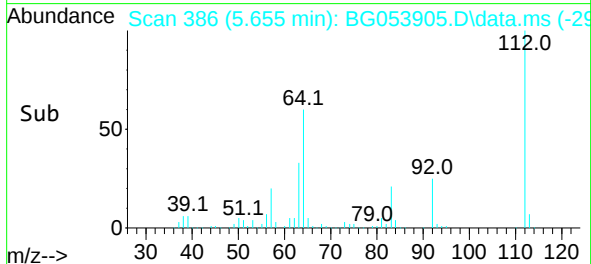
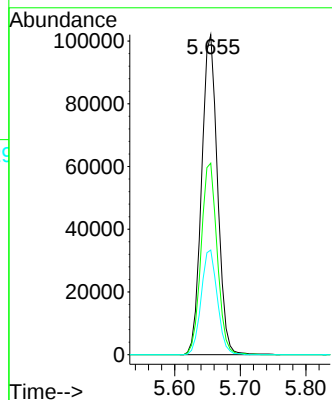
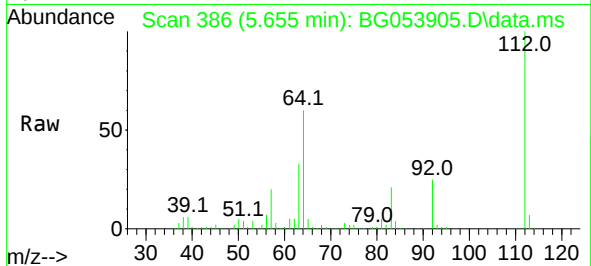




#5
2-Fluorophenol
Concen: 143.531 ng
RT: 5.655 min Scan# 385
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

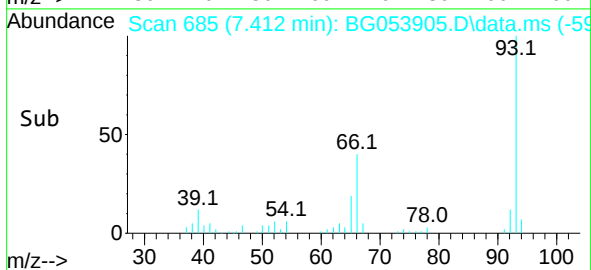
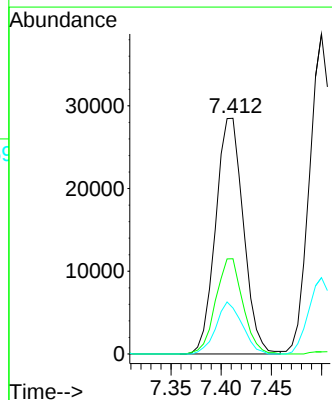
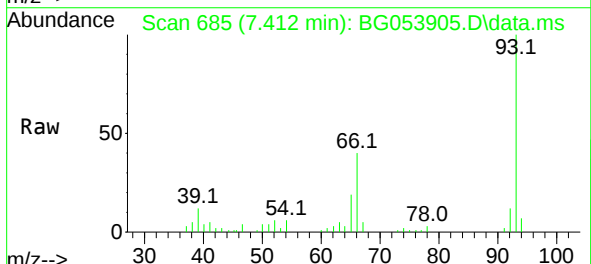
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion:112 Resp: 172088
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 32.7 30.4 45.6



#6
Aniline
Concen: 28.448 ng
RT: 7.412 min Scan# 685
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion: 93 Resp: 54859
Ion Ratio Lower Upper
93 100
66 40.4 32.9 49.3
65 19.5 17.8 26.8

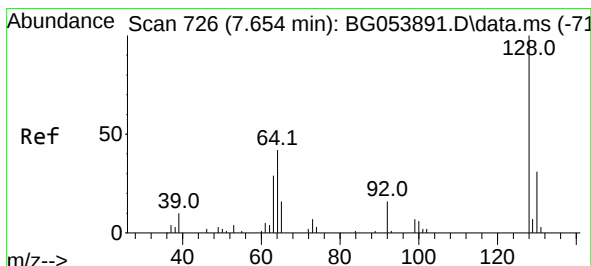
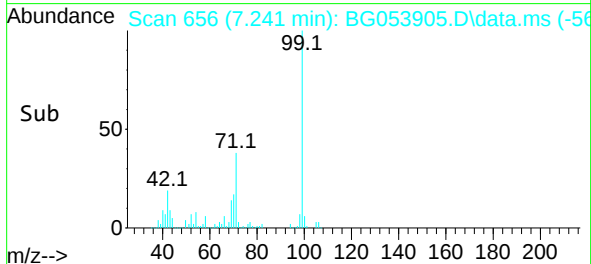
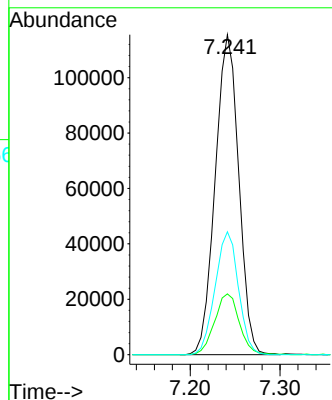
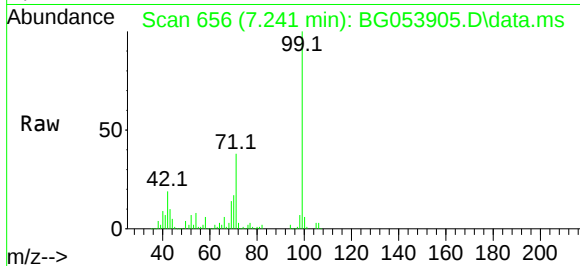




#7
Phenol-d6
Concen: 128.935 ng
RT: 7.241 min Scan# 656
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

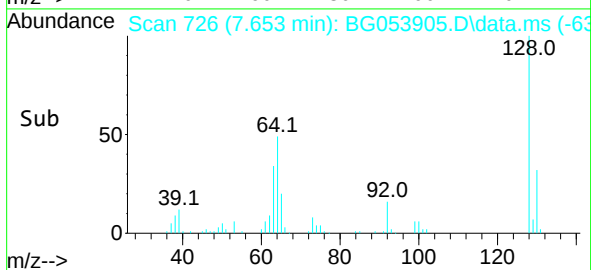
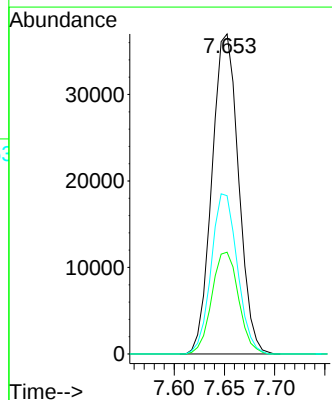
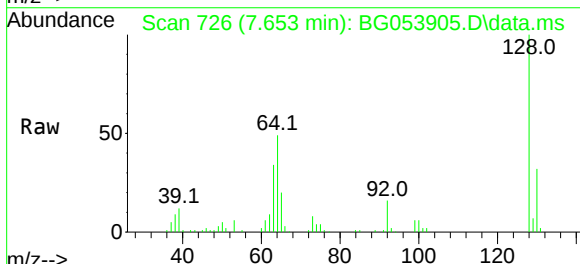
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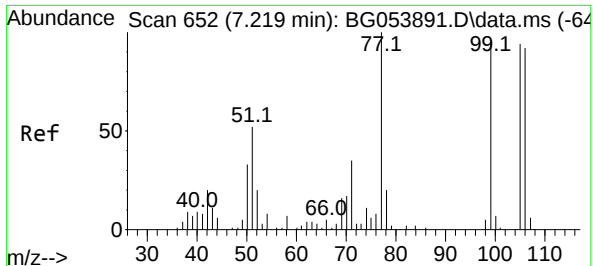
Tgt Ion: 99 Resp: 209710
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 38.4 33.8 50.8



#8
2-Chlorophenol
Concen: 53.359 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.001 min
Lab File: BG053905.D
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Tgt Ion: 128 Resp: 68309
Ion Ratio Lower Upper
128 100
130 31.8 10.5 50.5
64 49.4 35.1 75.1

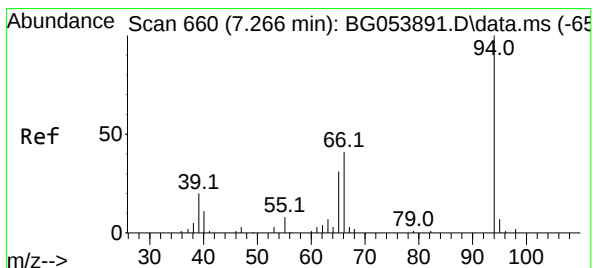
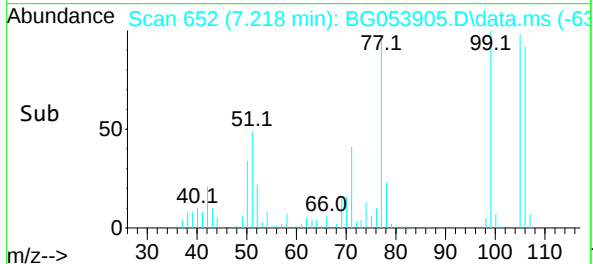
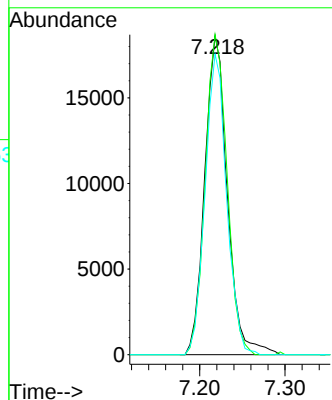
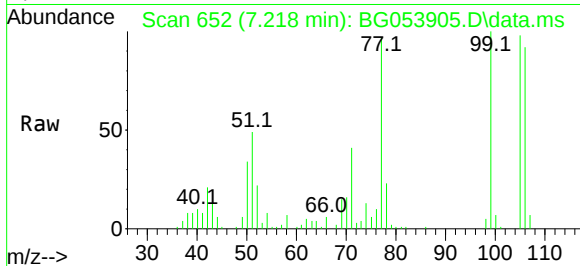




#9
Benzaldehyde
Concen: 35.700 ng
RT: 7.218 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

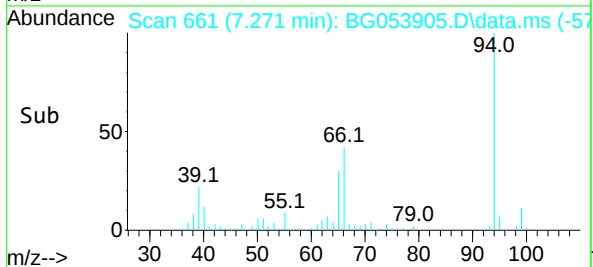
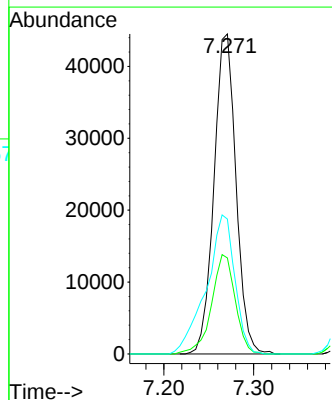
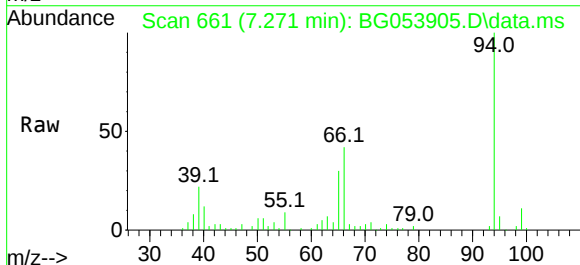
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 34269
Ion Ratio Lower Upper
77 100
105 100.4 59.6 99.6#
106 94.3 56.8 96.8



#10
Phenol
Concen: 45.988 ng
RT: 7.271 min Scan# 661
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion: 94 Resp: 75804
Ion Ratio Lower Upper
94 100
65 30.0 14.8 54.8
66 42.2 25.2 65.2

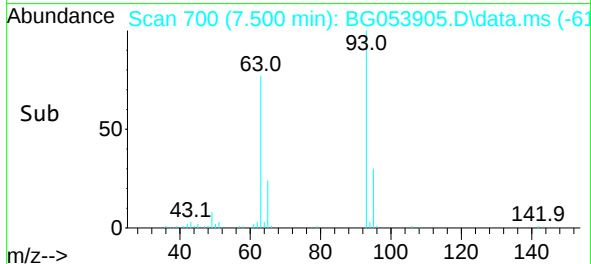
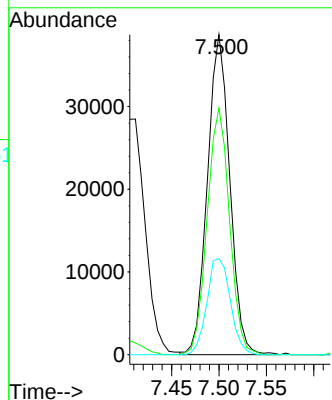
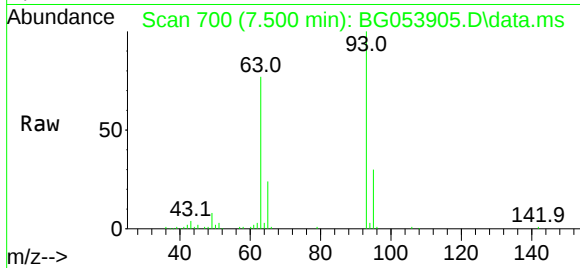




#11
bis(2-Chloroethyl)ether
Concen: 50.103 ng
RT: 7.500 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

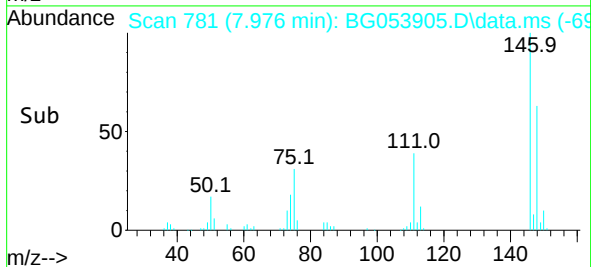
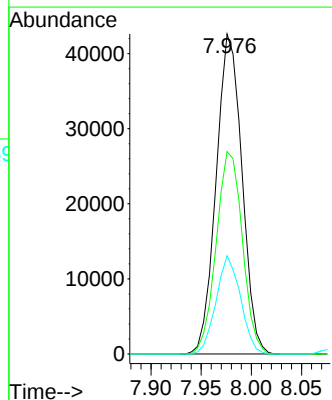
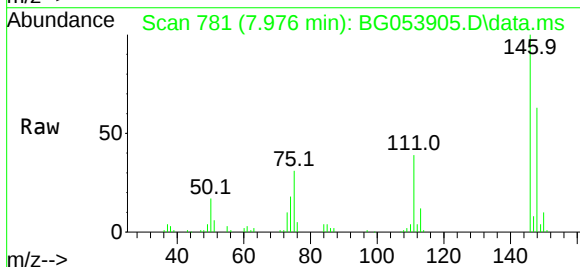
Instrument :
BNA_G
ClientSampleId :
COM-4MS

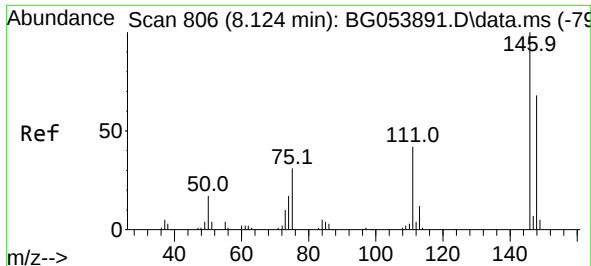
Tgt Ion: 93 Resp: 63390
Ion Ratio Lower Upper
93 100
63 77.1 63.6 103.6
95 30.0 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 47.406 ng
RT: 7.976 min Scan# 781
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:146 Resp: 76045
Ion Ratio Lower Upper
146 100
148 63.2 46.1 69.1
75 30.7 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.537 ng

RT: 8.123 min Scan# 80

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

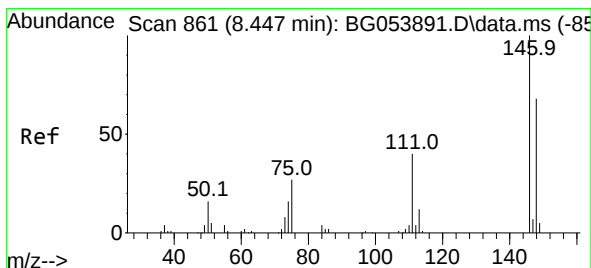
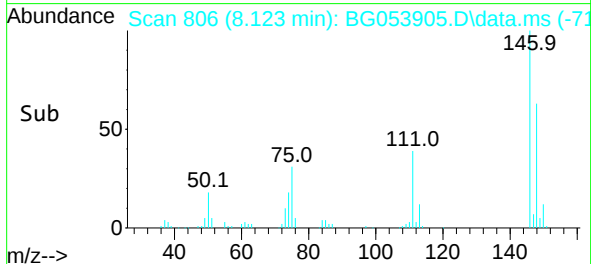
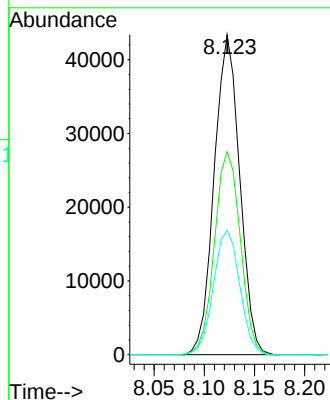
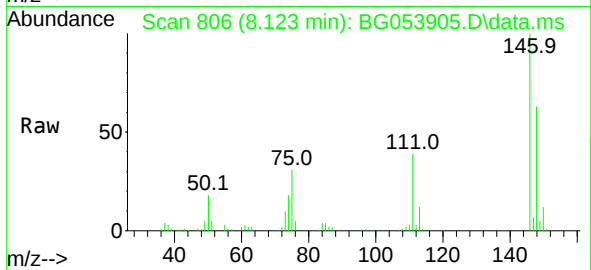
Tgt Ion:146 Resp: 76600

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

111 38.8 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 48.164 ng

RT: 8.440 min Scan# 860

Delta R.T. -0.007 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

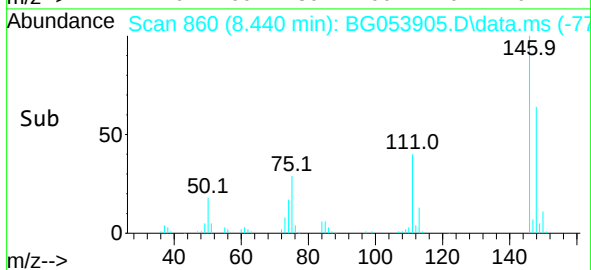
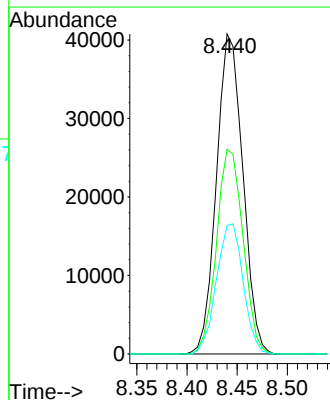
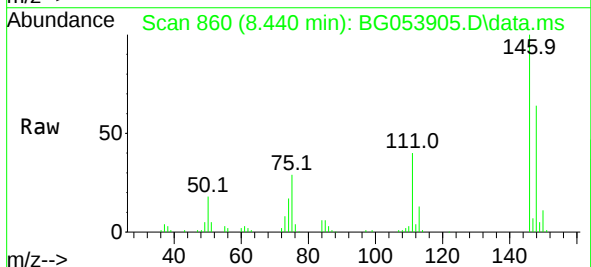
Tgt Ion:146 Resp: 74502

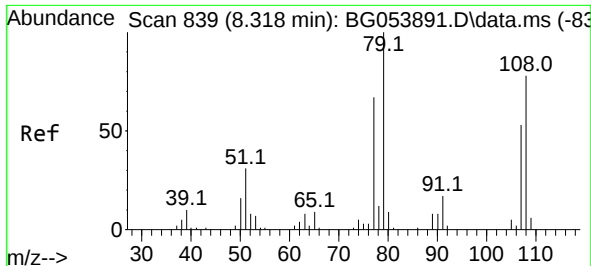
Ion Ratio Lower Upper

146 100

148 63.9 52.6 78.8

111 40.1 34.5 51.7

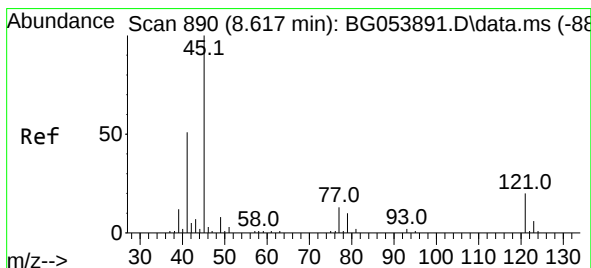
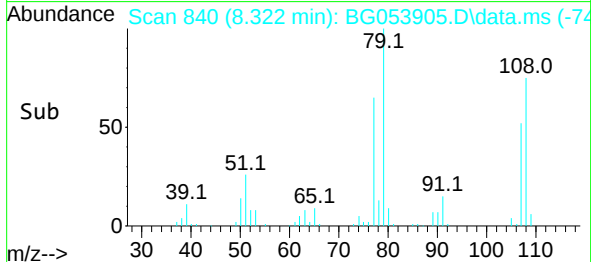
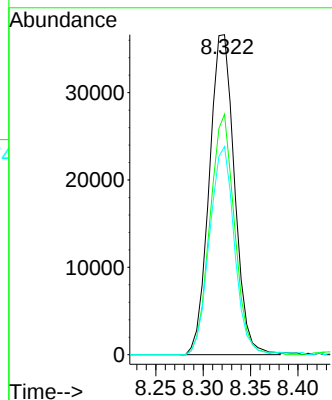
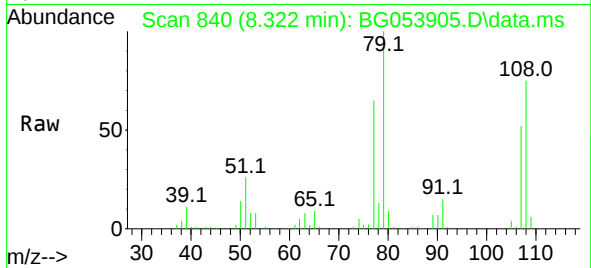




#15
Benzyl Alcohol
Concen: 55.793 ng
RT: 8.322 min Scan# 84
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

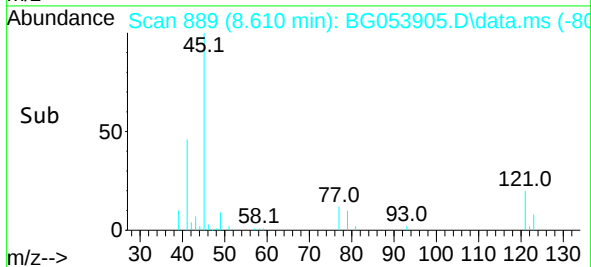
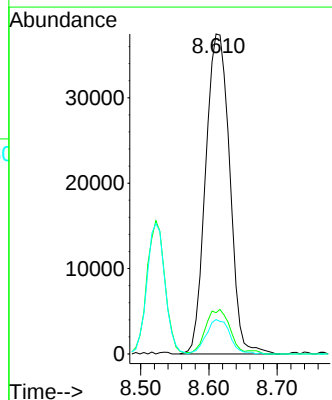
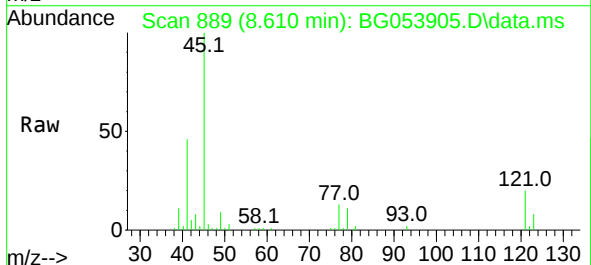
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion: 79 Resp: 67823
Ion Ratio Lower Upper
79 100
108 75.2 53.7 80.5
77 65.0 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.600 ng
RT: 8.610 min Scan# 889
Delta R.T. -0.007 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion: 45 Resp: 91919
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.7
79 10.8 0.0 29.7

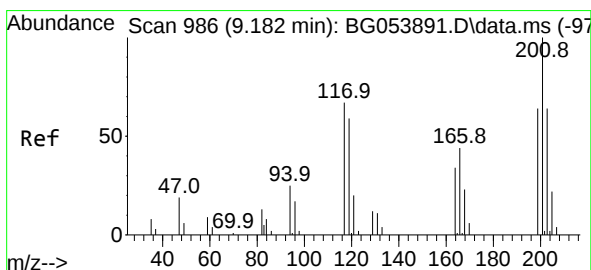
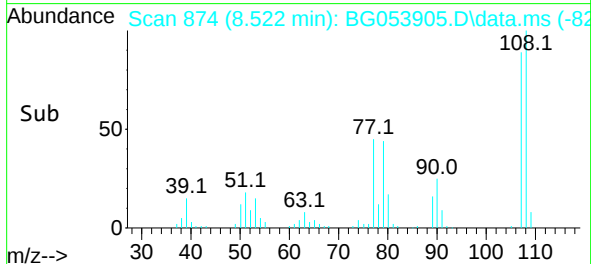
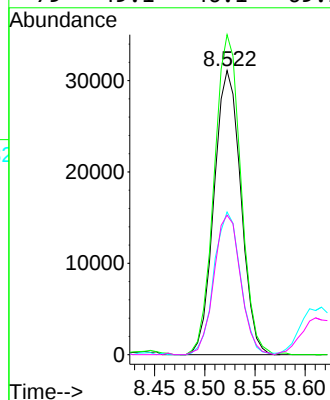
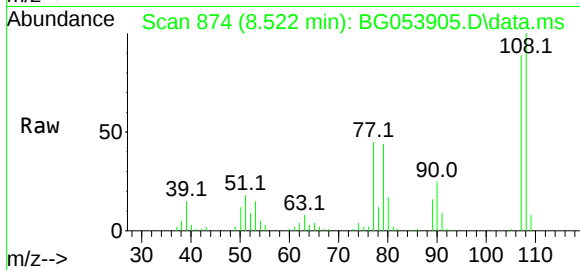




#17
2-Methylphenol
Concen: 50.253 ng
RT: 8.522 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

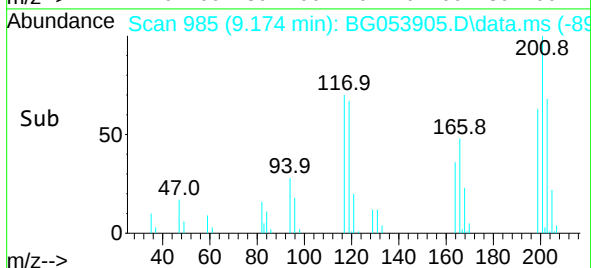
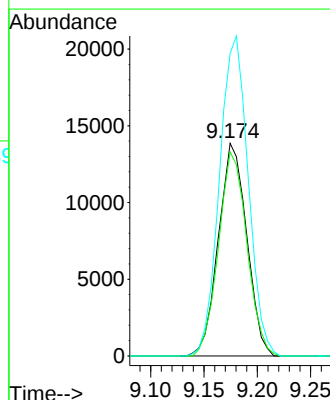
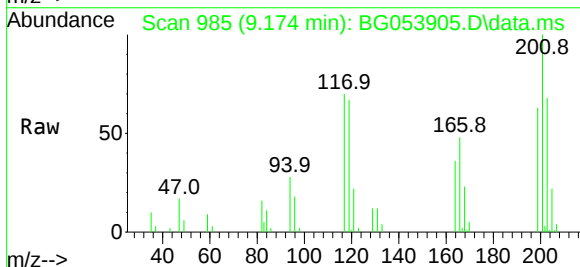
Instrument :
BNA_G
ClientSampleId :
COM-4MS

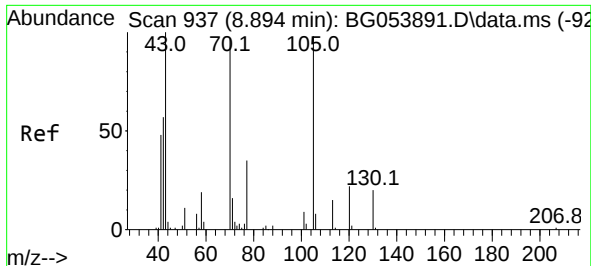
Tgt Ion:	107	Resp:	57543
Ion	Ratio	Lower	Upper
107	100		
108	112.6	85.4	128.0
77	50.2	46.2	69.2
79	49.1	46.1	69.1



#18
Hexachloroethane
Concen: 47.836 ng
RT: 9.174 min Scan# 985
Delta R.T. -0.007 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:	117	Resp:	25571
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
201	142.2	89.0	133.6#



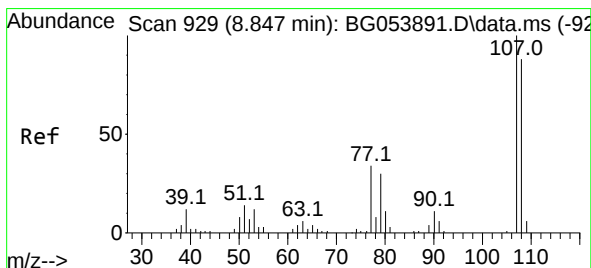
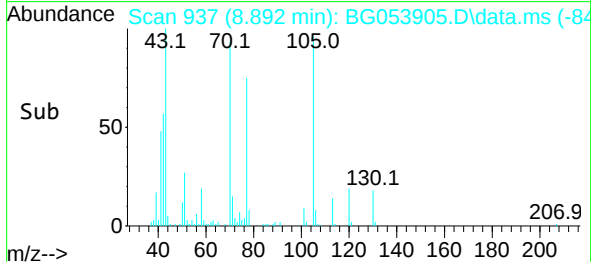
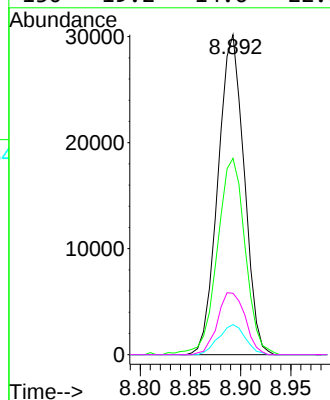
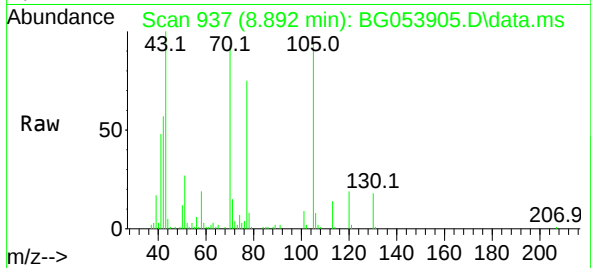


#19
n-Nitroso-di-n-propylamine
Concen: 49.934 ng
RT: 8.892 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion: 70 Resp: 54564

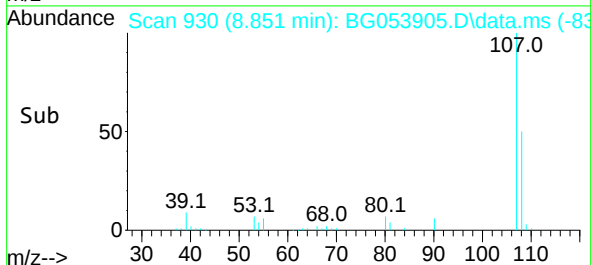
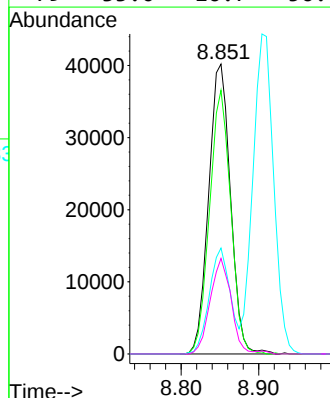
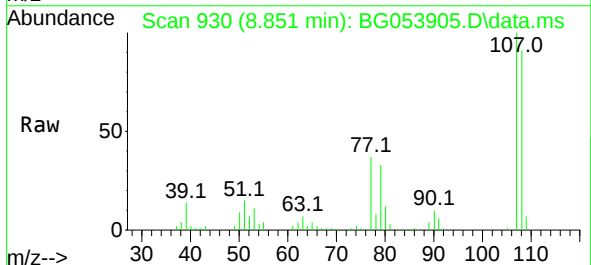
Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.3	70.9
101	9.4	7.0	10.4
130	19.2	14.6	22.0

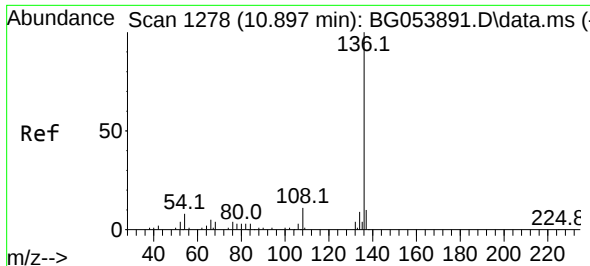


#20
3+4-Methylphenols
Concen: 48.963 ng
RT: 8.851 min Scan# 930
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion: 107 Resp: 78627

Ion	Ratio	Lower	Upper
107	100		
108	91.0	67.5	107.5
77	36.6	20.3	60.3
79	33.0	16.7	56.7

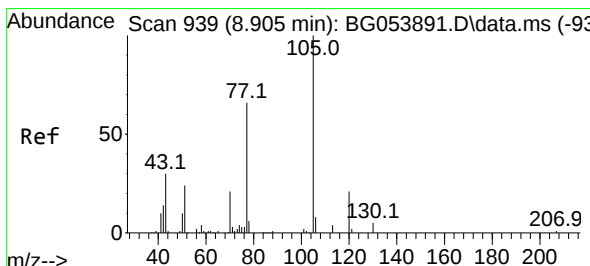
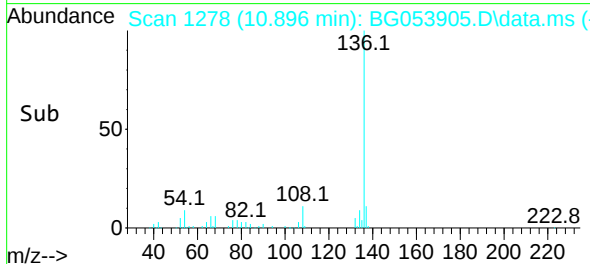
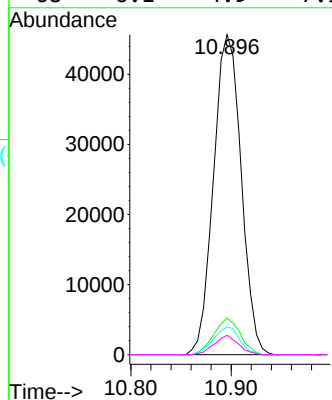
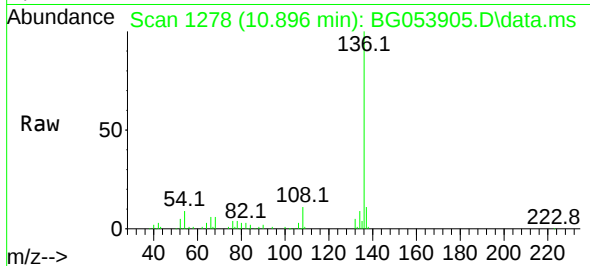




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

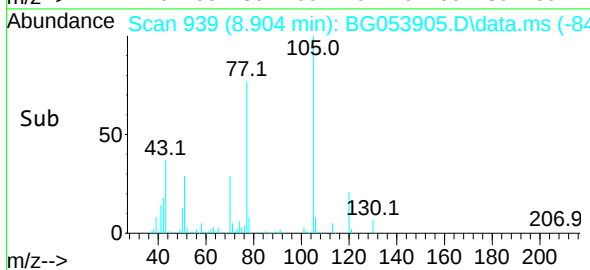
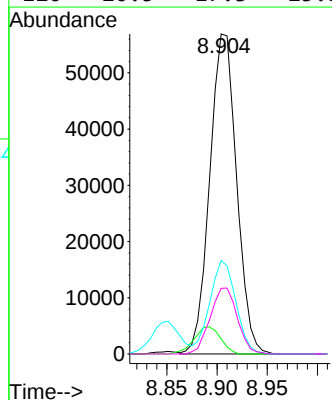
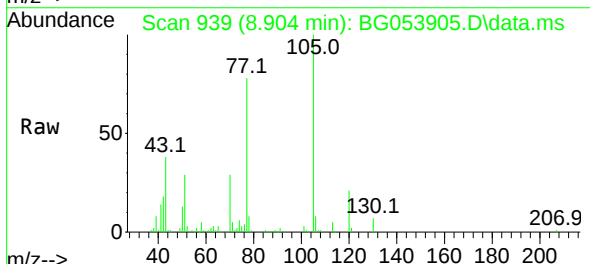
Instrument :
BNA_G
ClientSampleId :
COM-4MS

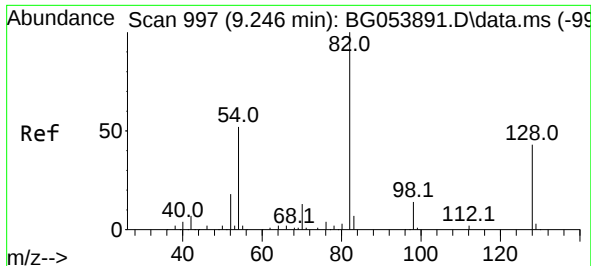
Tgt Ion:	136	Resp:	87225
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	8.7	7.4	11.2
68	6.1	4.9	7.3



#22
Acetophenone
Concen: 50.009 ng
RT: 8.904 min Scan# 939
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:	105	Resp:	106030
Ion	Ratio	Lower	Upper
105	100		
71	4.7	1.1	1.7#
51	29.2	25.4	38.0
120	20.5	17.3	25.9

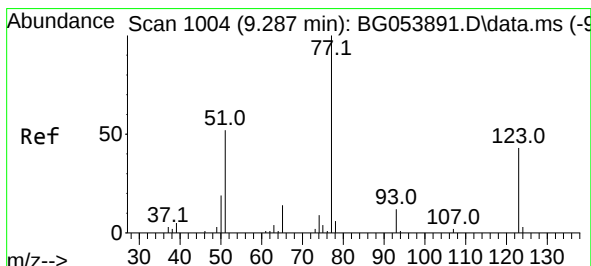
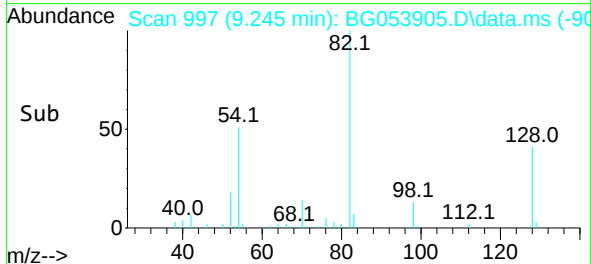
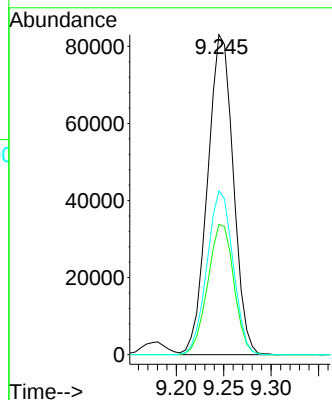
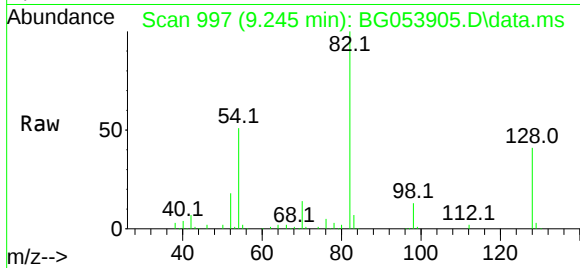




#23
Nitrobenzene-d5
Concen: 100.873 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

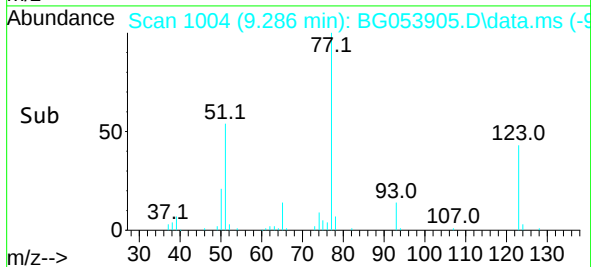
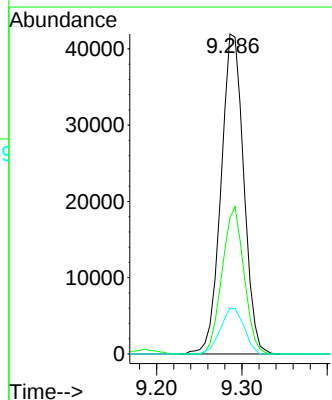
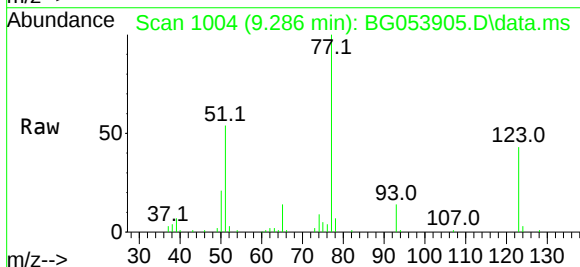
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion: 82 Resp: 156570
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 51.2 41.2 61.8



#24
Nitrobenzene
Concen: 50.722 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion: 77 Resp: 77526
Ion Ratio Lower Upper
77 100
123 42.6 27.4 41.0#
65 14.2 11.4 17.0

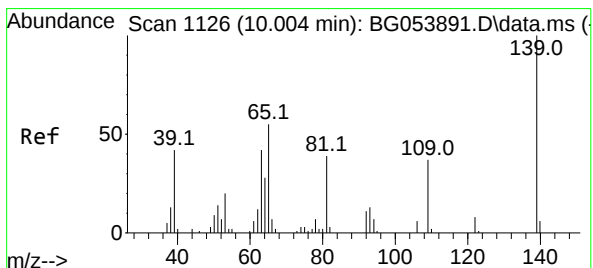
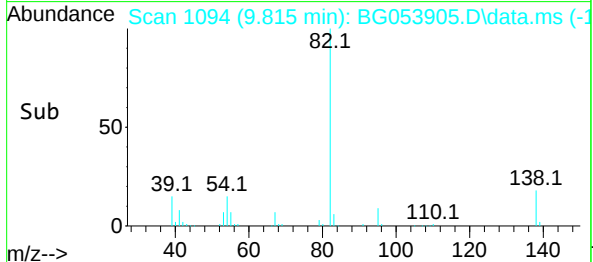
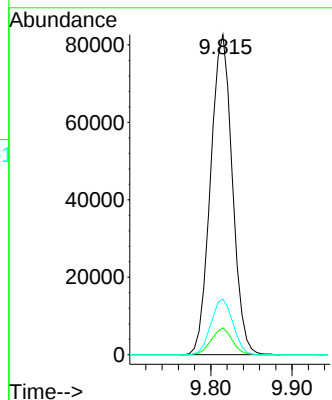
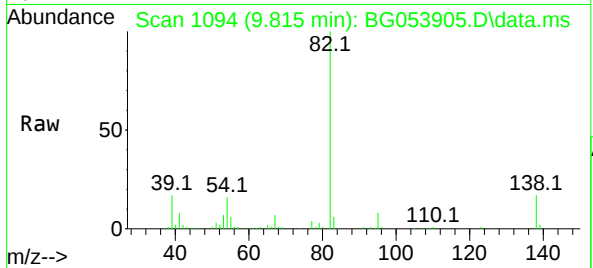




#25
Isophorone
Concen: 52.972 ng
RT: 9.815 min Scan# 1093
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

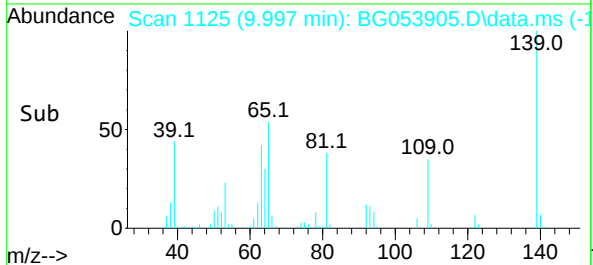
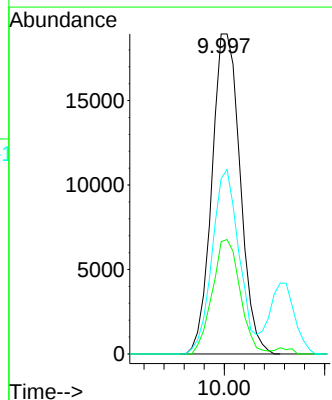
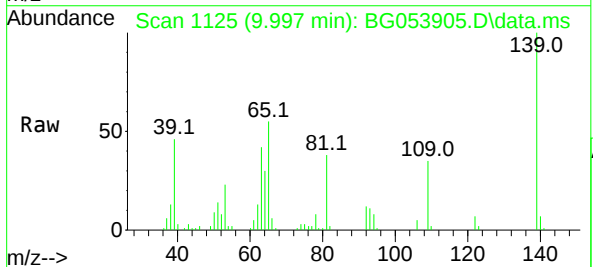
Instrument :
BNA_G
ClientSampleId :
COM-4MS

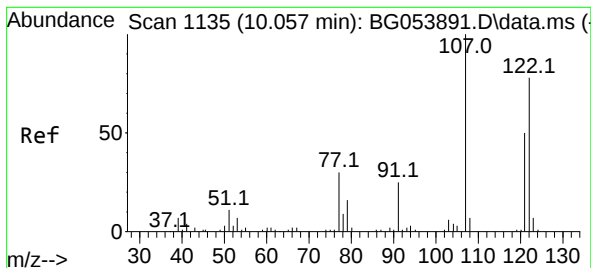
Tgt Ion: 82 Resp: 153556
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.4
138 17.4 11.6 17.4



#26
2-Nitrophenol
Concen: 54.815 ng
RT: 9.997 min Scan# 1125
Delta R.T. -0.007 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion: 139 Resp: 37006
Ion Ratio Lower Upper
139 100
109 35.1 36.1 54.1#
65 54.8 55.8 83.6#

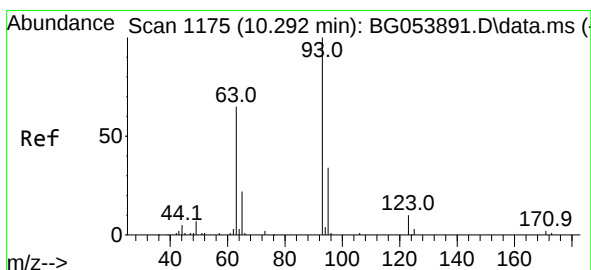
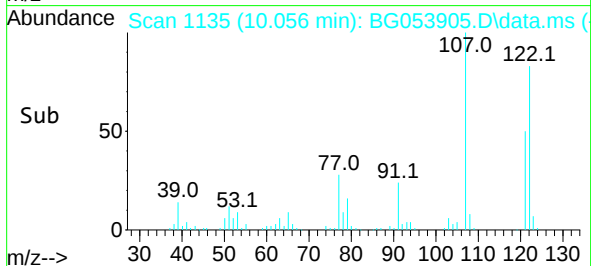
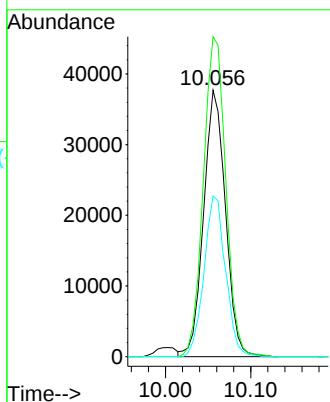
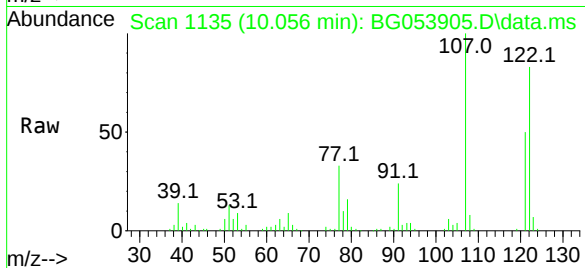




#27
2,4-Dimethylphenol
Concen: 61.384 ng
RT: 10.056 min Scan# 1135
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

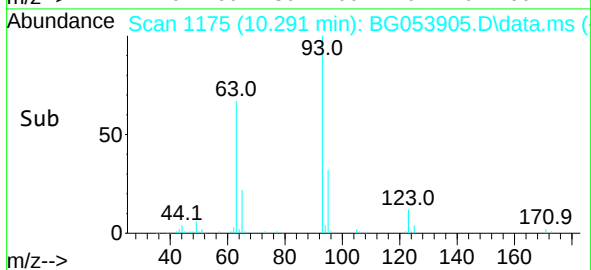
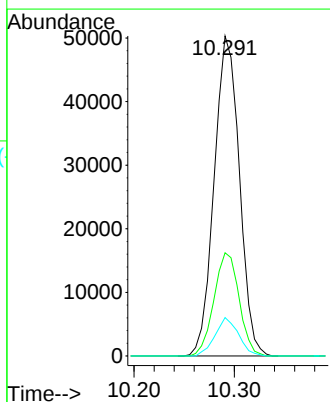
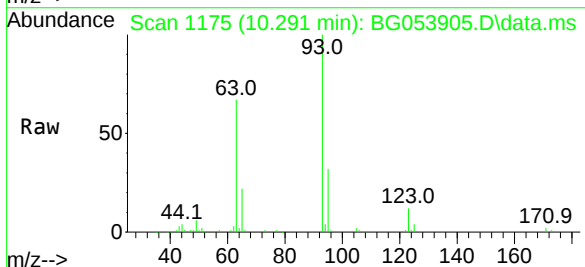
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion:122 Resp: 67074
Ion Ratio Lower Upper
122 100
107 120.1 109.4 164.0
121 60.4 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 56.100 ng
RT: 10.291 min Scan# 1175
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion: 93 Resp: 87609
Ion Ratio Lower Upper
93 100
95 32.2 26.9 40.3
123 12.0 7.7 11.5#

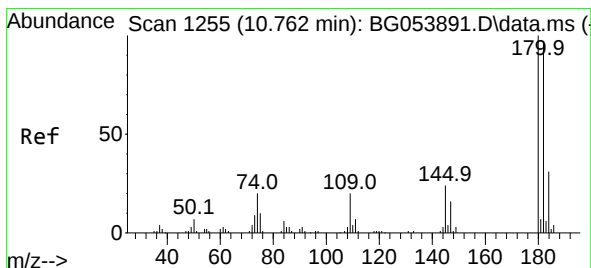
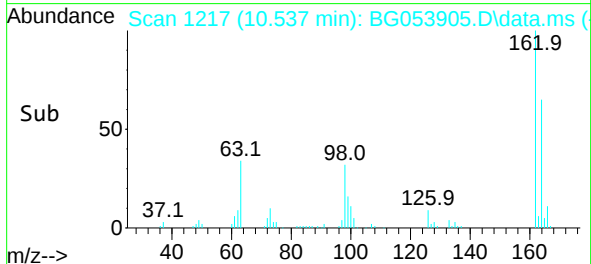
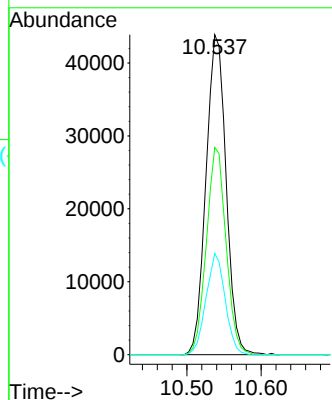
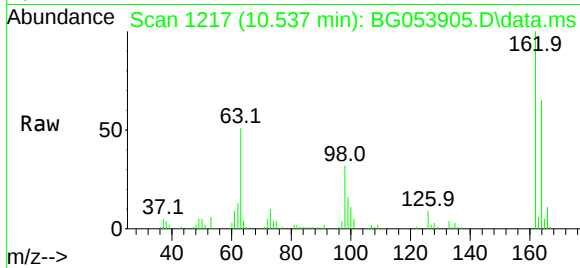




#29
2,4-Dichlorophenol
Concen: 56.332 ng
RT: 10.537 min Scan# 1217
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

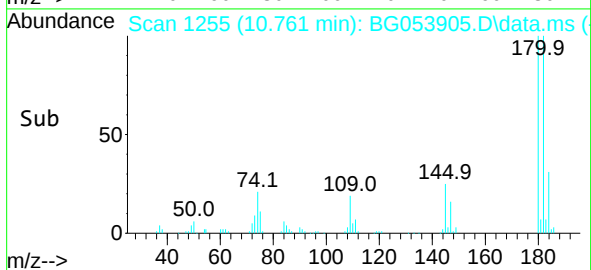
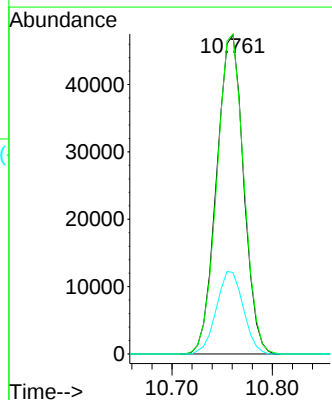
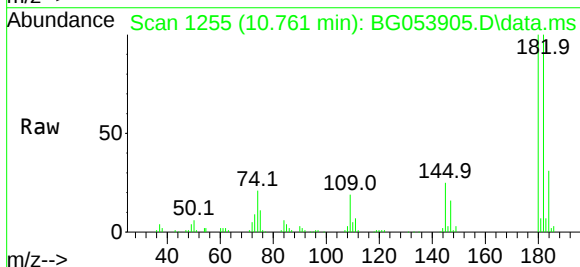
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion:162 Resp: 82530
Ion Ratio Lower Upper
162 100
164 64.8 46.6 86.6
98 31.7 22.8 62.8



#30
1,2,4-Trichlorobenzene
Concen: 48.588 ng
RT: 10.761 min Scan# 1255
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:180 Resp: 88141
Ion Ratio Lower Upper
180 100
182 100.3 76.6 115.0
145 25.5 25.0 37.4

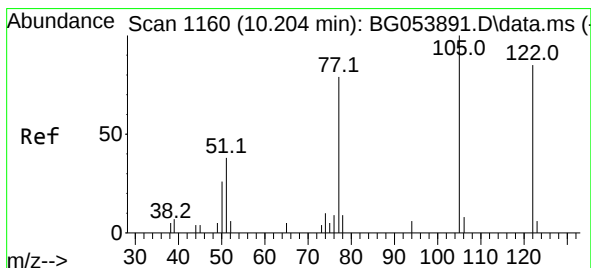
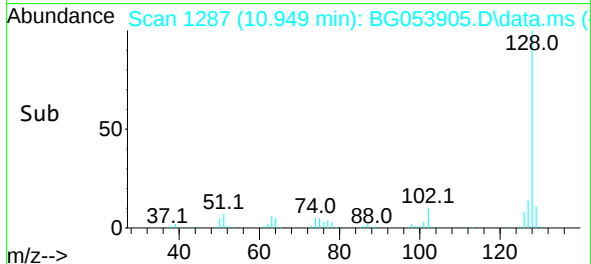
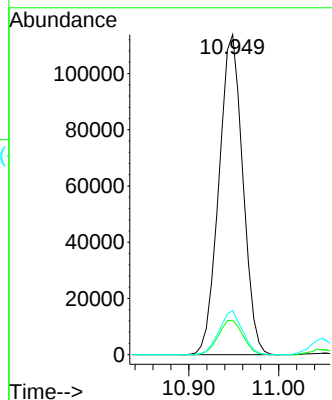
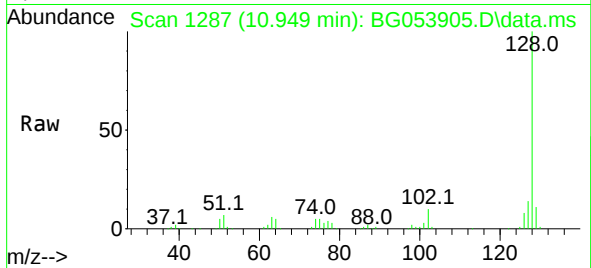




#31
Naphthalene
Concen: 47.766 ng
RT: 10.949 min Scan# 1167
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

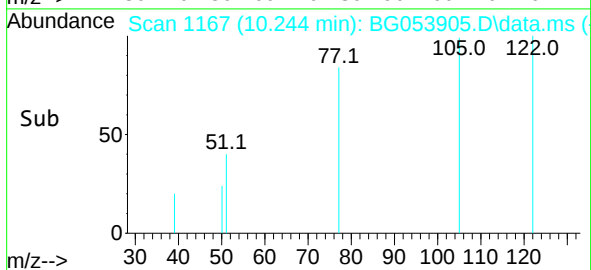
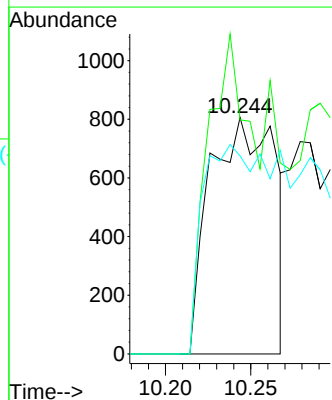
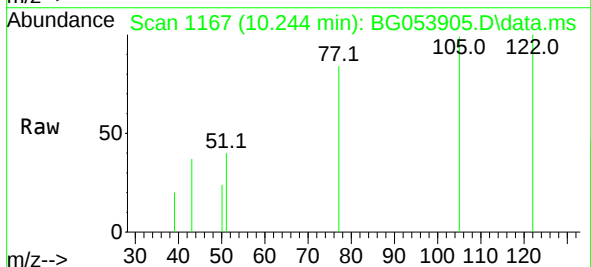
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion:128 Resp: 210331
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 14.678 ng
RT: 10.244 min Scan# 1167
Delta R.T. 0.040 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:122 Resp: 2112
Ion Ratio Lower Upper
122 100
105 99.0 111.8 151.8#
77 83.7 109.4 149.4#

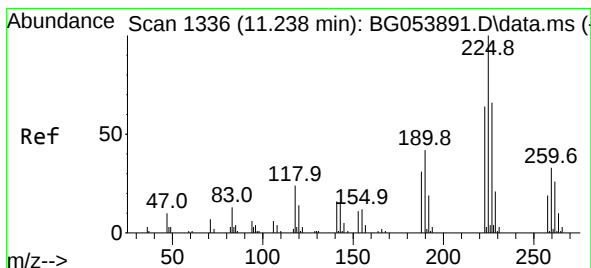
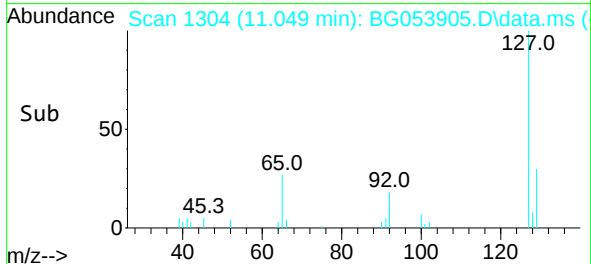
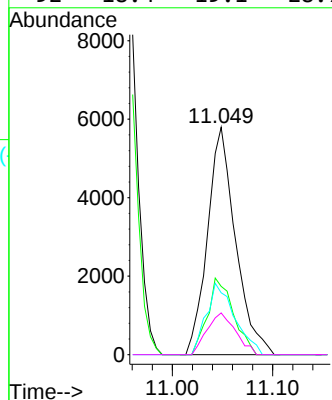
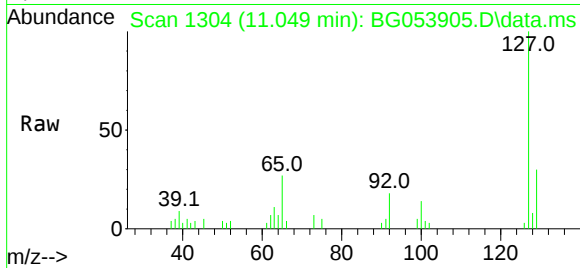




#33
4-Chloroaniline
Concen: 6.159 ng
RT: 11.049 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

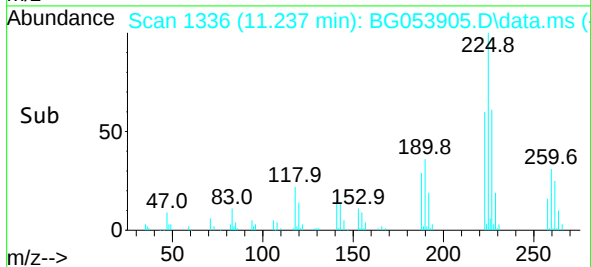
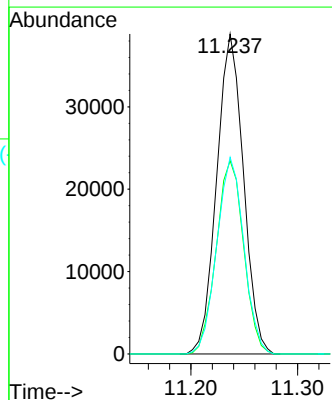
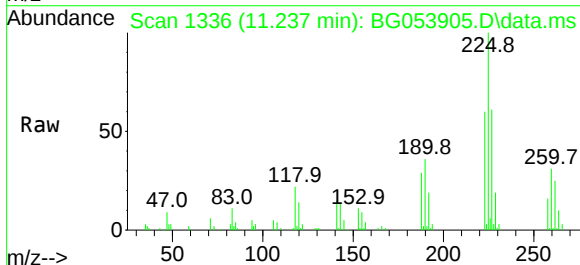
Instrument :
BNA_G
ClientSampleId :
COM-4MS

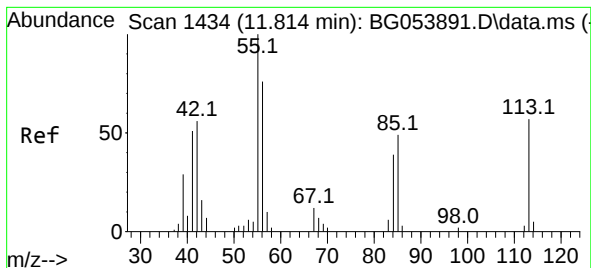
Tgt Ion:	127	Resp:	11251
Ion Ratio	Lower	Upper	
127	100		
129	30.0	26.3	39.5
65	27.2	31.1	46.7#
92	18.4	19.1	28.7#



#34
Hexachlorobutadiene
Concen: 48.503 ng
RT: 11.237 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:	225	Resp:	67647
Ion Ratio	Lower	Upper	
225	100		
223	60.4	48.9	73.3
227	61.4	52.8	79.2





#35

Caprolactam

Concen: 22.627 ng

RT: 11.812 min Scan# 1434

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

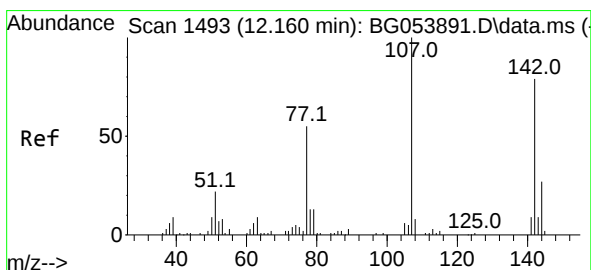
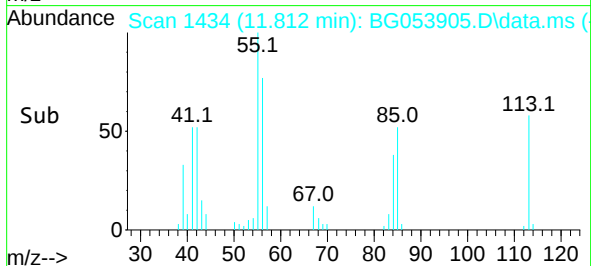
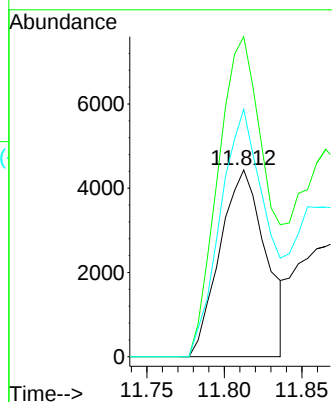
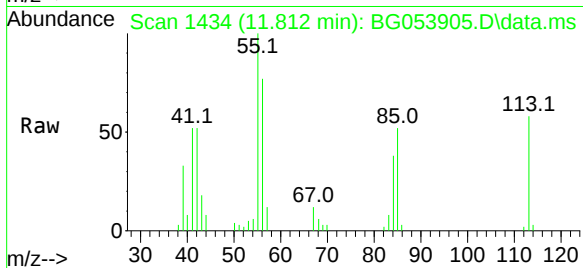
Tgt Ion:113 Resp: 9126

Ion Ratio Lower Upper

113 100

55 171.4 169.8 209.8

56 132.5 141.2 181.2#



#36

4-Chloro-3-methylphenol

Concen: 55.410 ng

RT: 12.159 min Scan# 1493

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

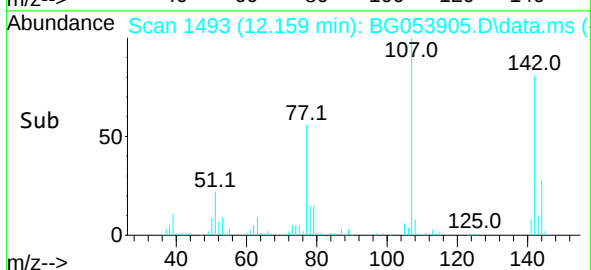
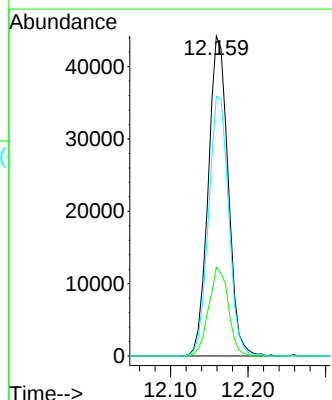
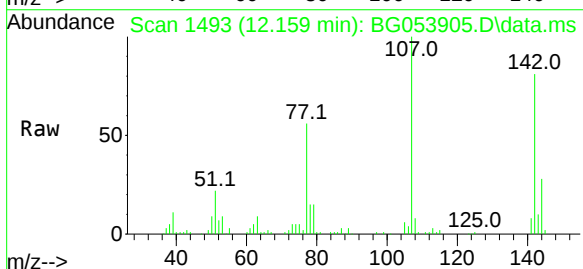
Tgt Ion:107 Resp: 78914

Ion Ratio Lower Upper

107 100

144 27.7 18.5 27.7

142 81.1 55.0 82.4





#37

2-Methylnaphthalene

Concen: 48.039 ng

RT: 12.547 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

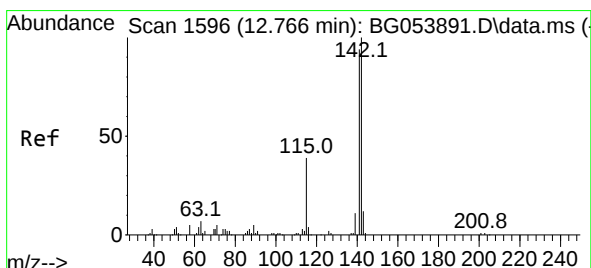
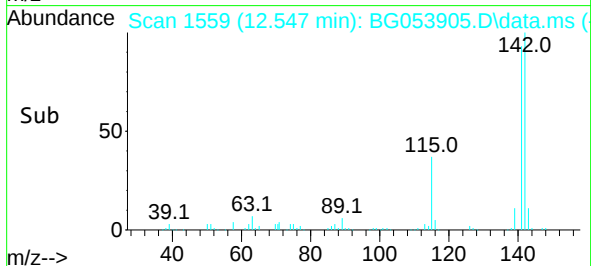
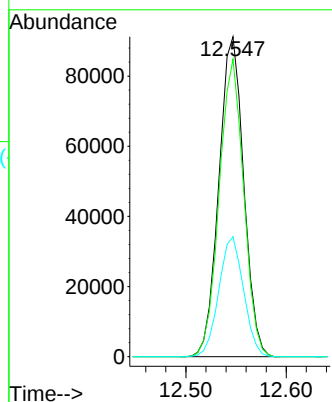
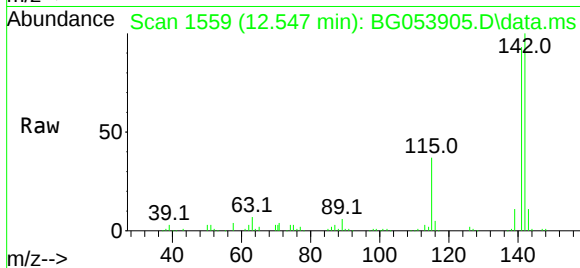
Tgt Ion:142 Resp: 156505

Ion Ratio Lower Upper

142 100

141 93.0 72.3 108.5

115 37.5 33.7 50.5



#38

1-Methylnaphthalene

Concen: 48.435 ng

RT: 12.764 min Scan# 1596

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

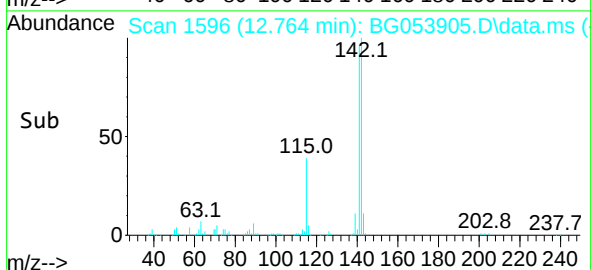
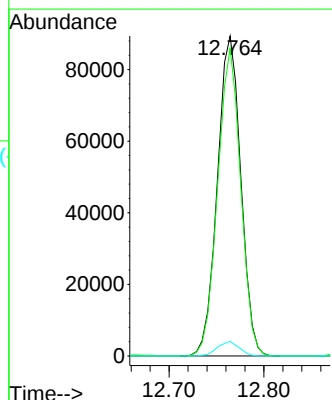
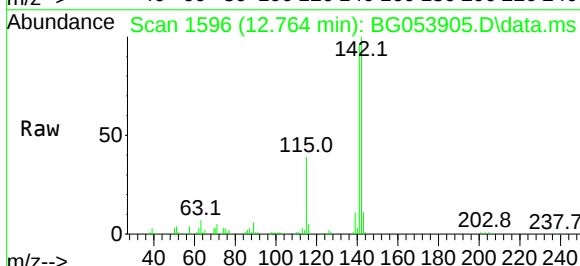
Tgt Ion:142 Resp: 153646

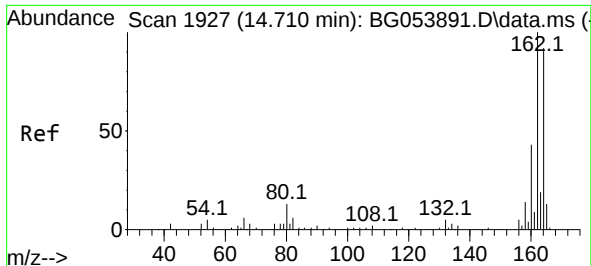
Ion Ratio Lower Upper

142 100

141 96.2 76.4 114.6

116 4.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.709 min Scan# 1927

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

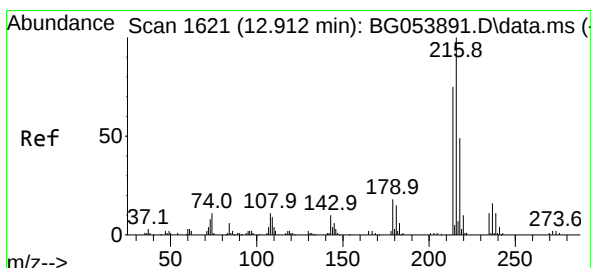
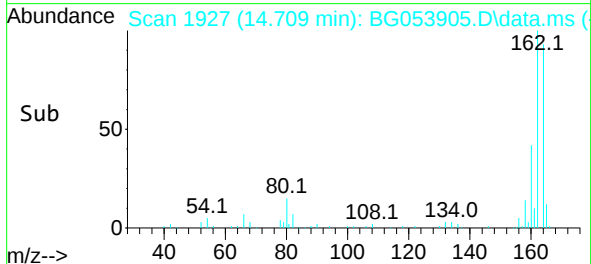
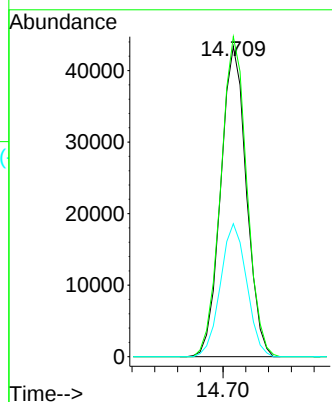
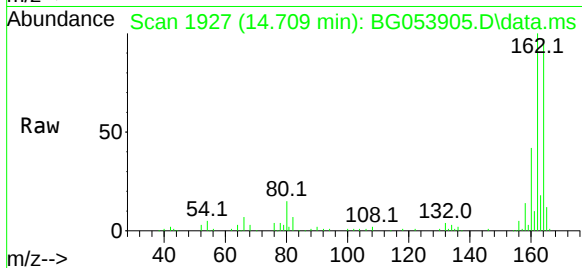
Tgt Ion:164 Resp: 67840

Ion Ratio Lower Upper

164 100

162 103.1 82.3 123.5

160 42.9 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.934 ng

RT: 12.911 min Scan# 1621

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Tgt Ion:216 Resp: 125303

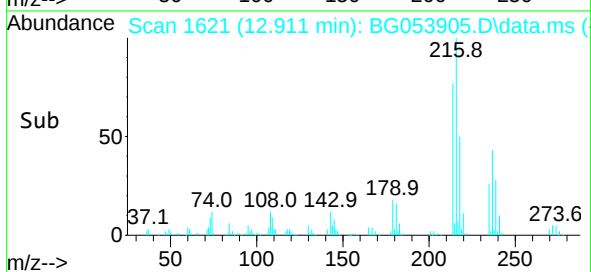
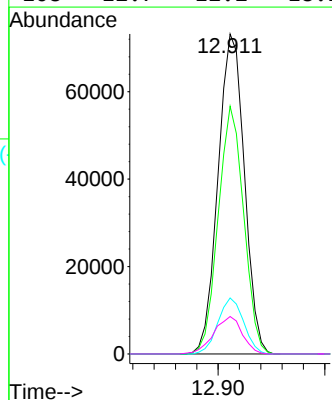
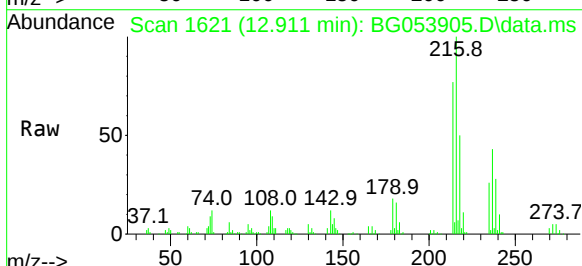
Ion Ratio Lower Upper

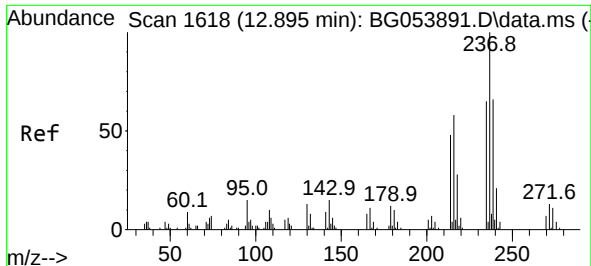
216 100

214 75.0 62.9 94.3

179 17.1 16.1 24.1

108 12.7 12.2 18.2

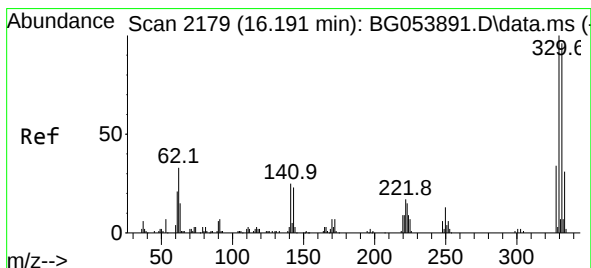
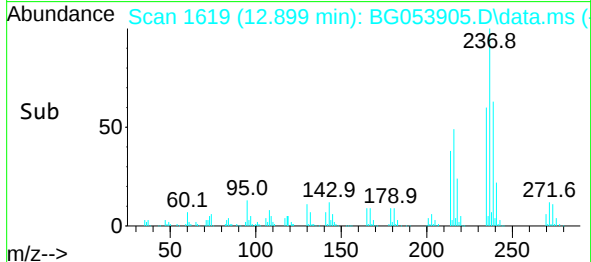
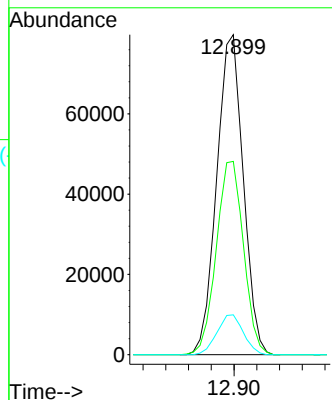
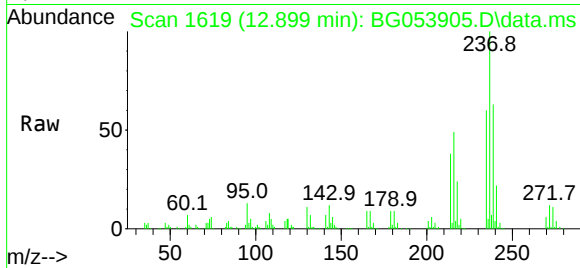




#41
Hexachlorocyclopentadiene
Concen: 106.281 ng
RT: 12.899 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

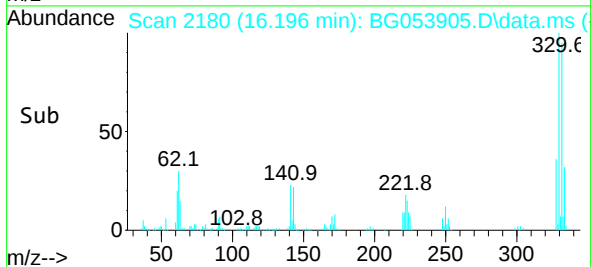
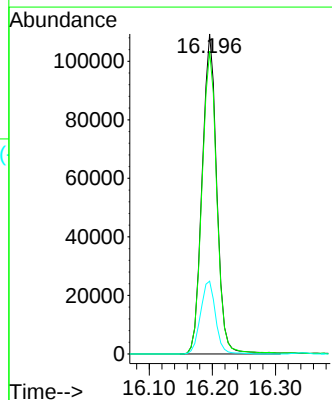
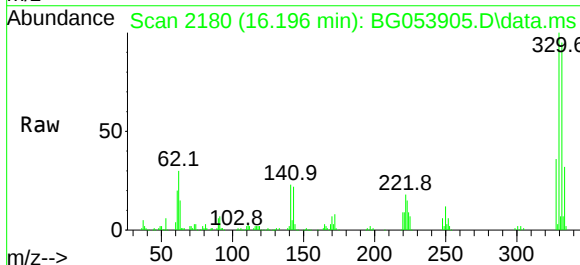
Instrument :
BNA_G
ClientSampleId :
COM-4MS

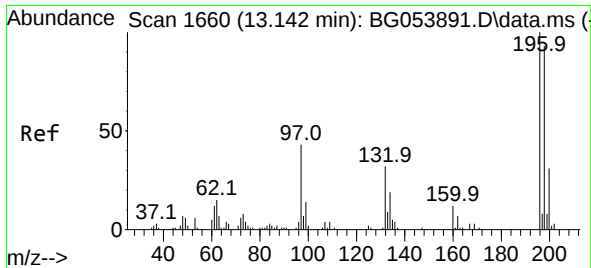
Tgt Ion:237 Resp: 129366
Ion Ratio Lower Upper
237 100
235 60.4 43.5 83.5
272 12.5 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 160.704 ng
RT: 16.196 min Scan# 2180
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:330 Resp: 175163
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 23.4 27.1 40.7#

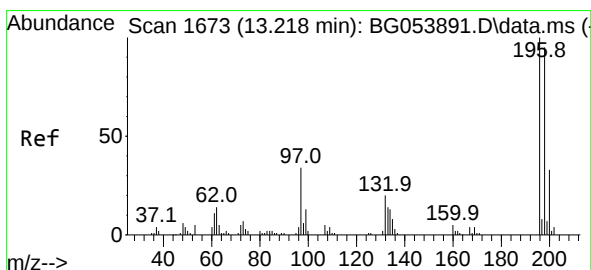
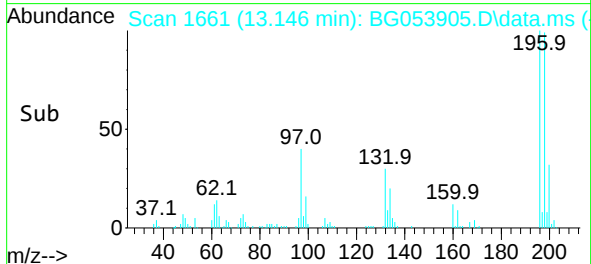
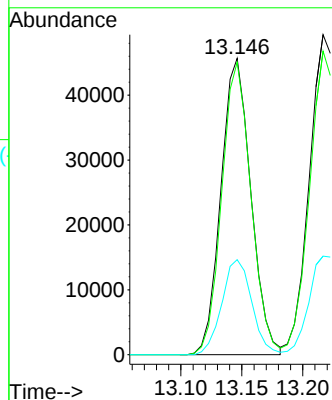
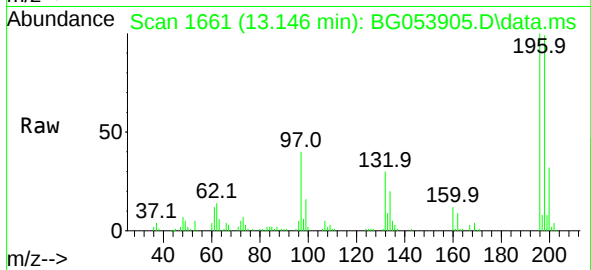




#43
2,4,6-Trichlorophenol
Concen: 53.126 ng
RT: 13.146 min Scan# 1660
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

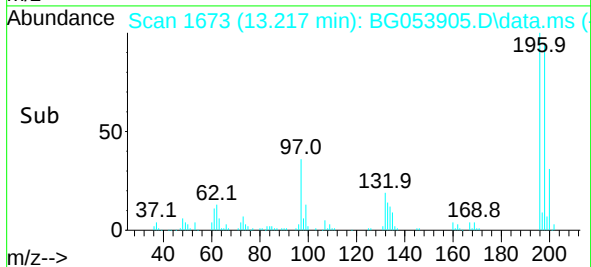
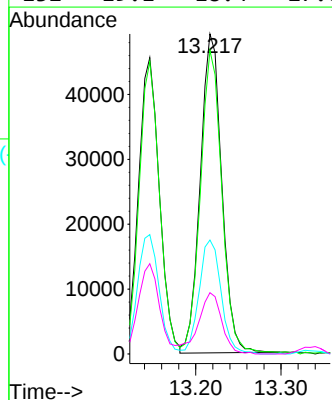
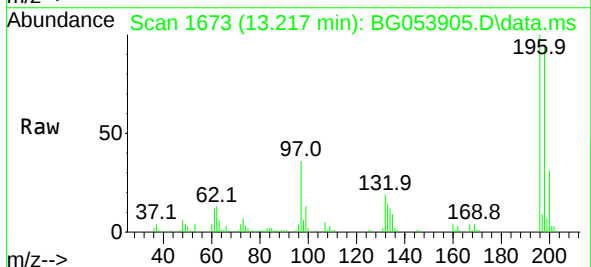
Instrument :
BNA_G
ClientSampleId :
COM-4MS

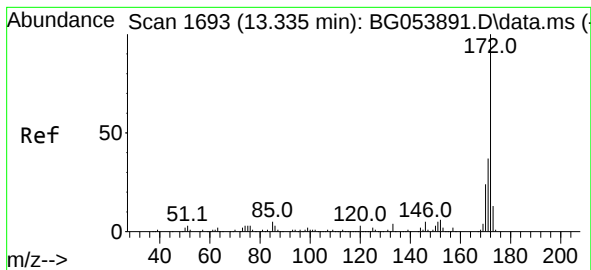
Tgt Ion:196 Resp: 78009
Ion Ratio Lower Upper
196 100
198 98.7 74.1 111.1
200 32.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 52.454 ng
RT: 13.217 min Scan# 1673
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:196 Resp: 85999
Ion Ratio Lower Upper
196 100
198 94.8 76.8 115.2
97 35.6 39.8 59.6#
132 19.1 18.4 27.6

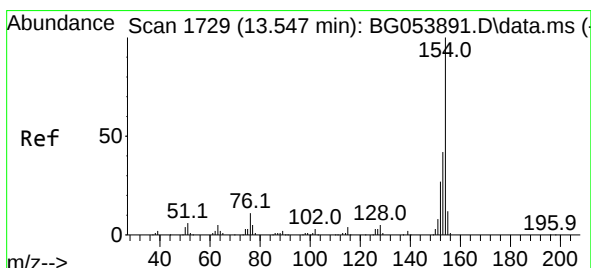
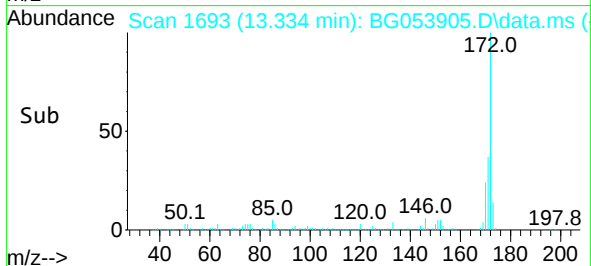
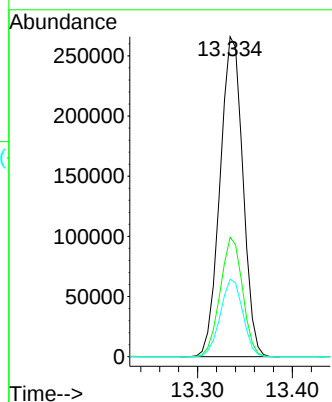
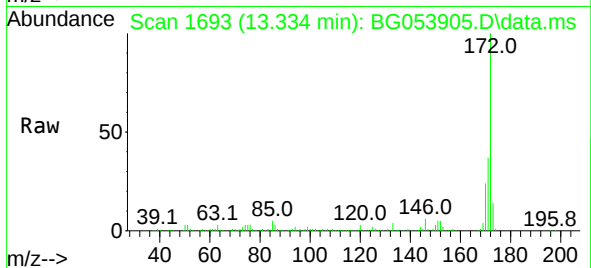




#45
2-Fluorobiphenyl
Concen: 95.470 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

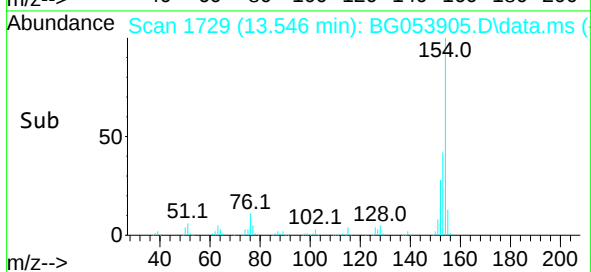
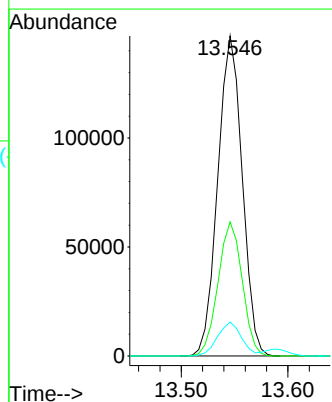
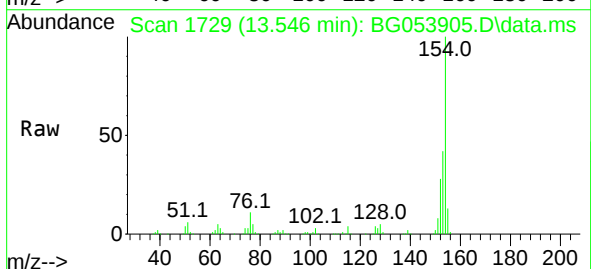
Instrument :
BNA_G
ClientSampleId :
COM-4MS

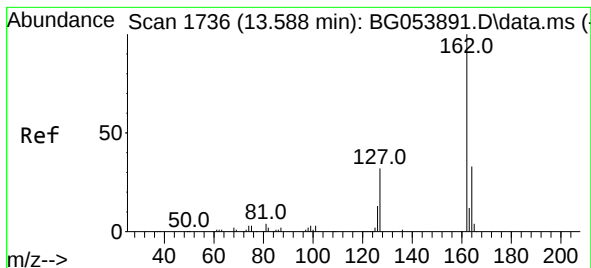
Tgt Ion:172 Resp: 445398
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 24.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.440 ng
RT: 13.546 min Scan# 1729
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:154 Resp: 233628
Ion Ratio Lower Upper
154 100
153 41.9 21.6 61.6
76 10.6 0.0 32.6





#47

2-Chloronaphthalene

Concen: 48.989 ng

RT: 13.593 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

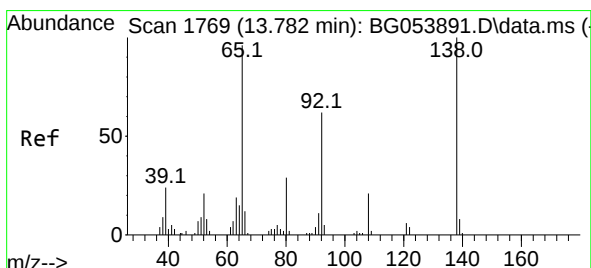
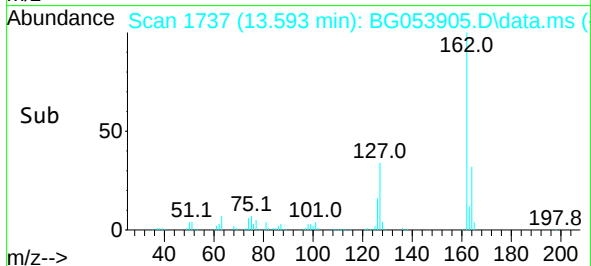
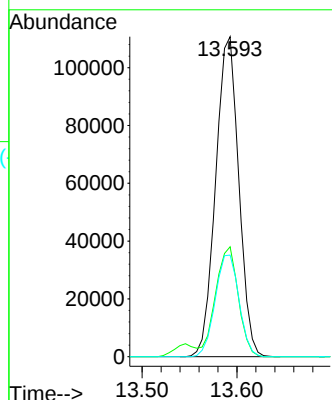
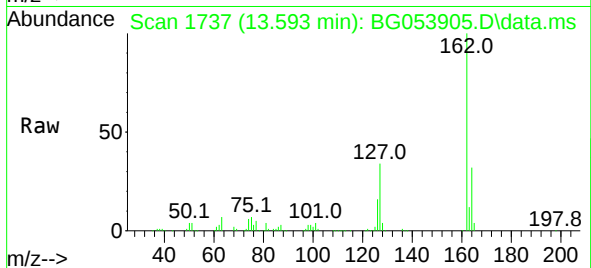
Tgt Ion:162 Resp: 187346

Ion Ratio Lower Upper

162 100

127 34.4 30.6 45.8

164 31.8 26.5 39.7



#48

2-Nitroaniline

Concen: 53.045 ng

RT: 13.781 min Scan# 1769

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

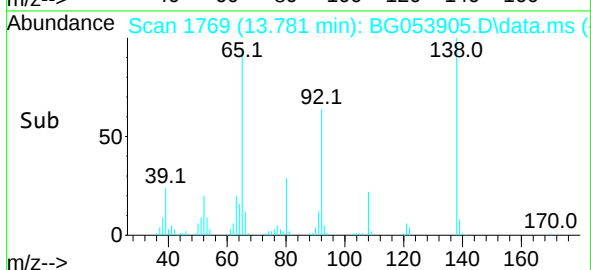
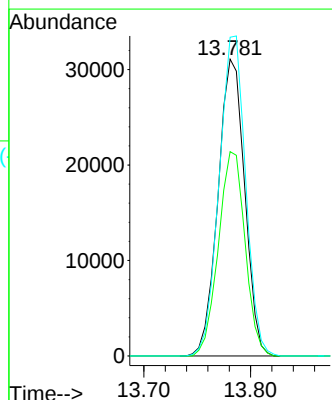
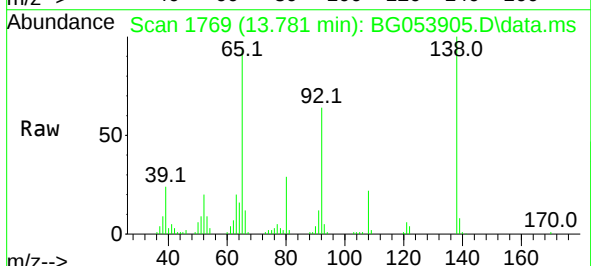
Tgt Ion: 65 Resp: 53963

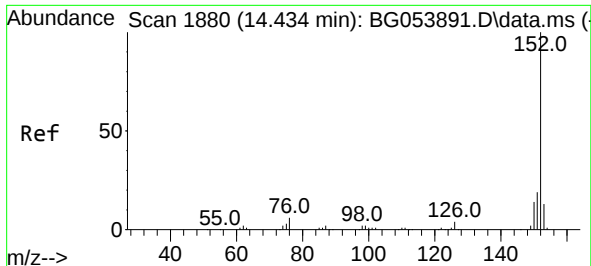
Ion Ratio Lower Upper

65 100

92 68.8 51.5 77.3

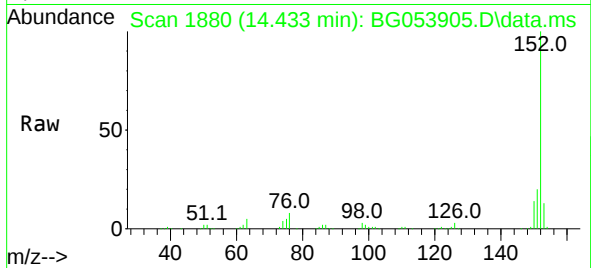
138 107.4 71.3 106.9#



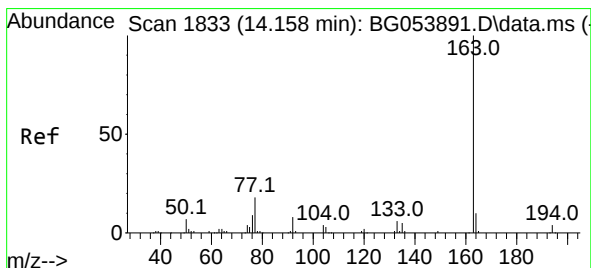
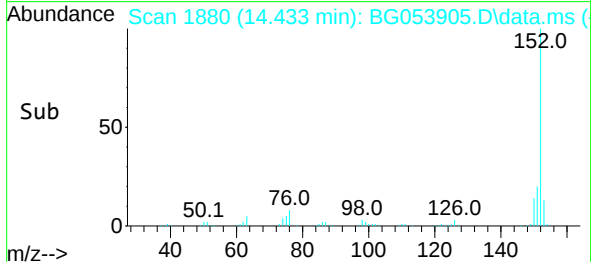
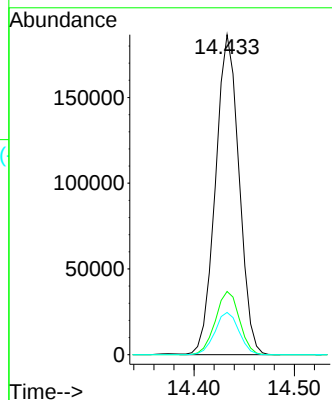


#49
Acenaphthylene
Concen: 51.090 ng
RT: 14.433 min Scan# 1880
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Instrument :
BNA_G
ClientSampleId :
COM-4MS

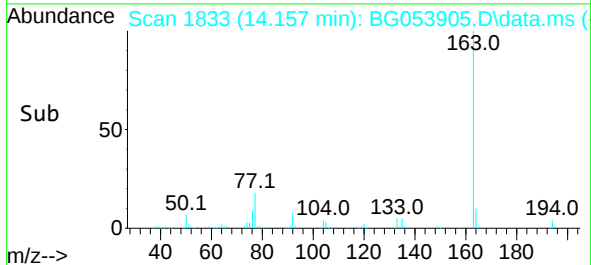
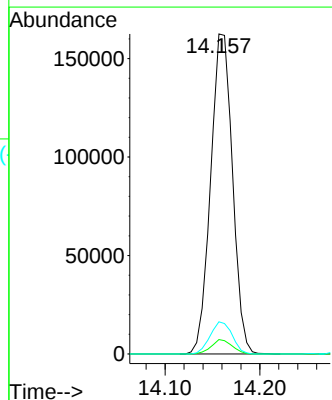
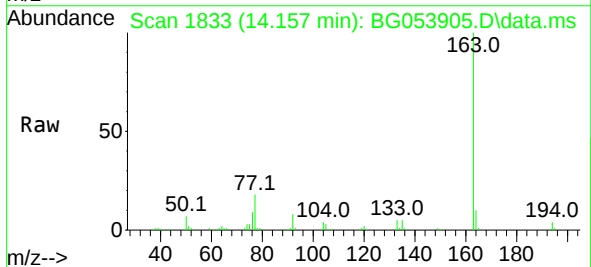


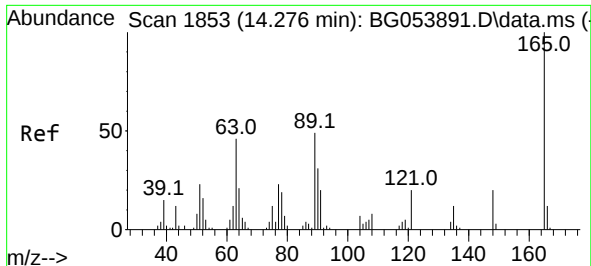
Tgt Ion:152 Resp: 303814
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 50.412 ng
RT: 14.157 min Scan# 1833
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:163 Resp: 260460
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.0 8.0 12.0

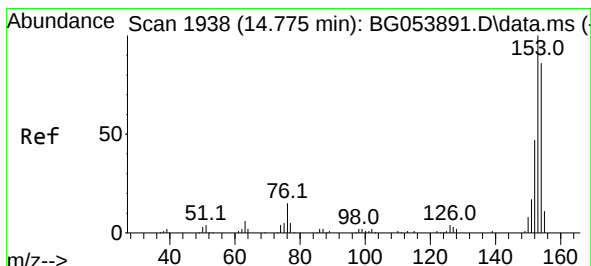
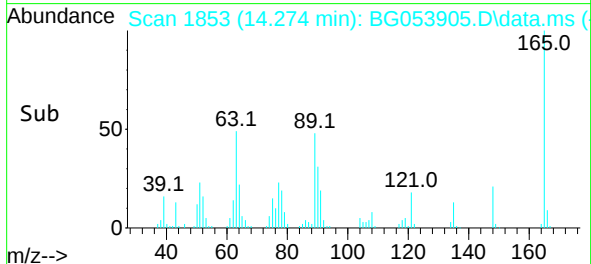
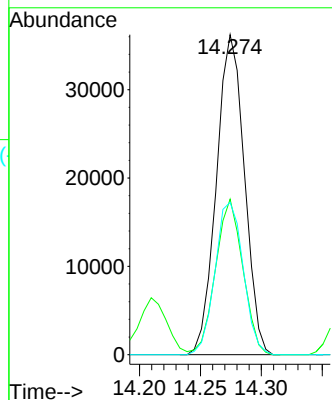
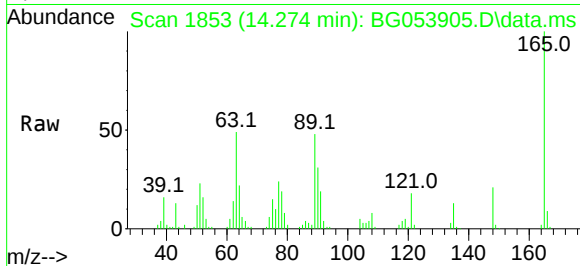




#51
2,6-Dinitrotoluene
Concen: 55.465 ng
RT: 14.274 min Scan# 1853
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

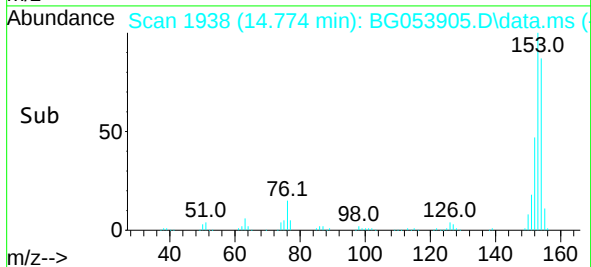
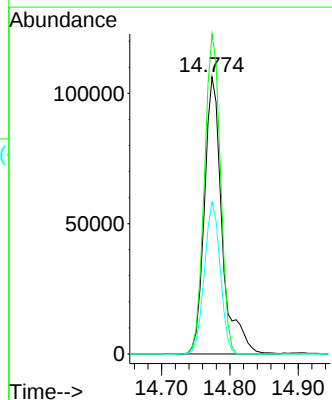
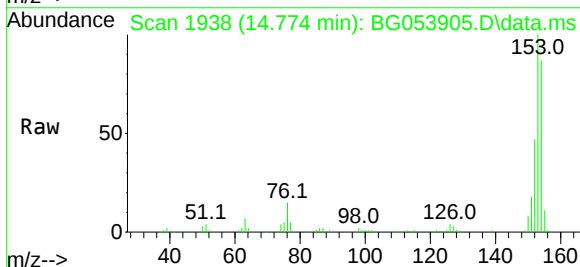
Instrument :
BNA_G
ClientSampleId :
COM-4MS

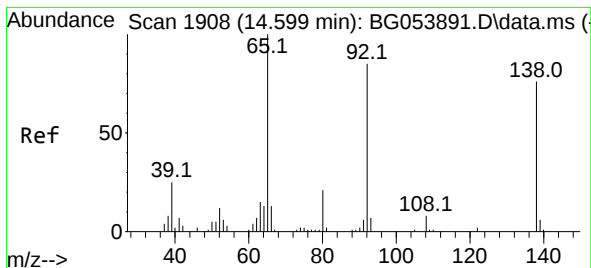
Tgt Ion:165 Resp: 57898
Ion Ratio Lower Upper
165 100
63 48.6 54.1 81.1#
89 47.6 54.8 82.2#



#52
Acenaphthene
Concen: 50.876 ng
RT: 14.774 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:154 Resp: 192850
Ion Ratio Lower Upper
154 100
153 115.5 92.7 139.1
152 54.8 42.6 64.0

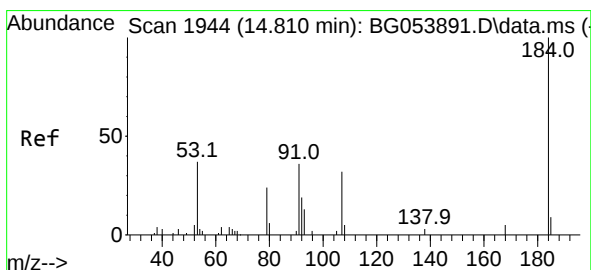
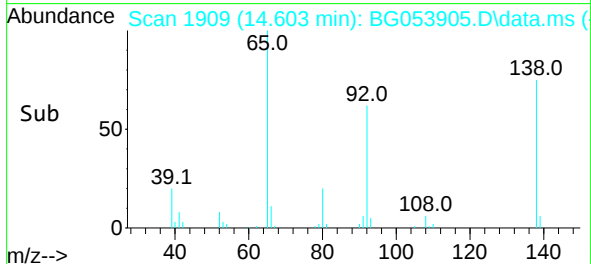
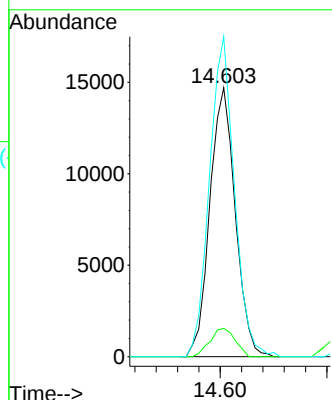
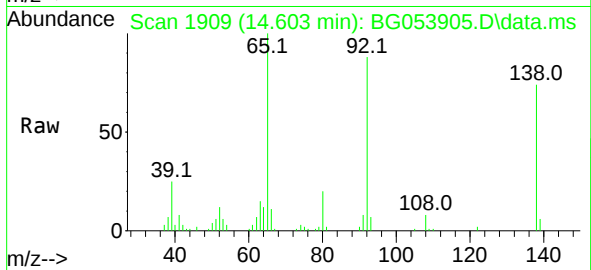




#53
3-Nitroaniline
Concen: 24.047 ng
RT: 14.603 min Scan# 1909
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

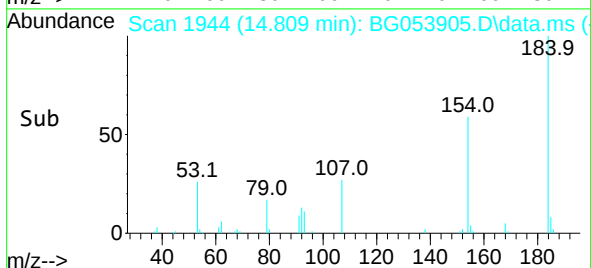
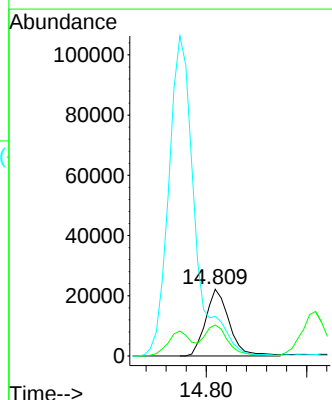
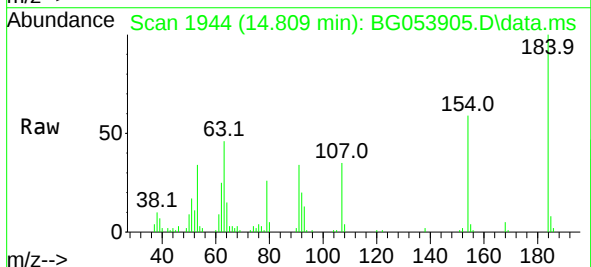
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion:138 Resp: 24319
Ion Ratio Lower Upper
138 100
108 10.5 9.2 13.8
92 119.0 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 64.468 ng
RT: 14.809 min Scan# 1944
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:184 Resp: 36268
Ion Ratio Lower Upper
184 100
63 46.4 61.1 91.7#
154 59.4 60.6 91.0#

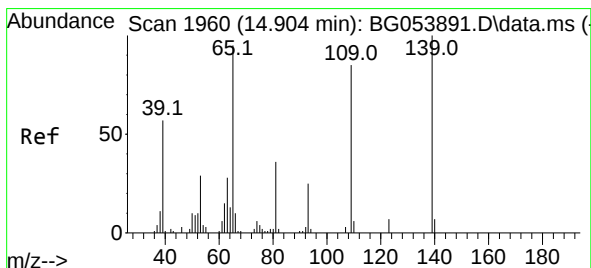
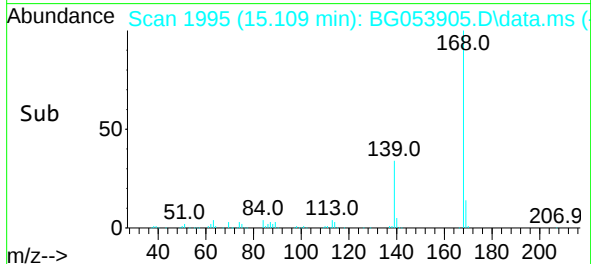
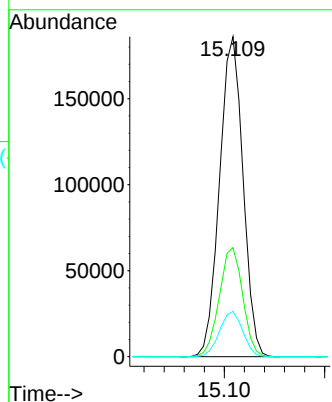
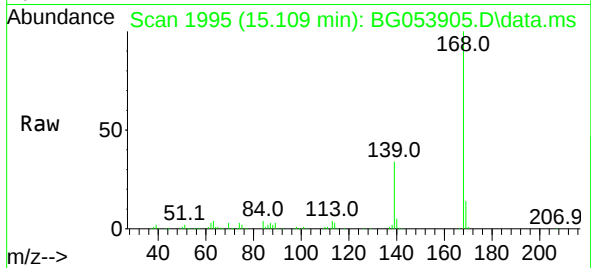




#55
Dibenzenofuran
Concen: 49.292 ng
RT: 15.109 min Scan# 1995
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

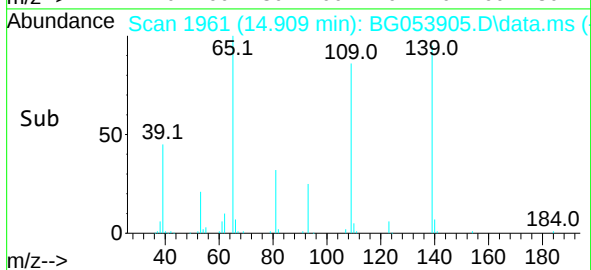
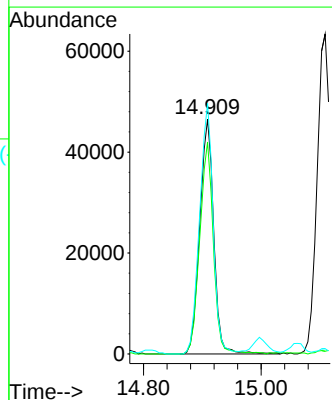
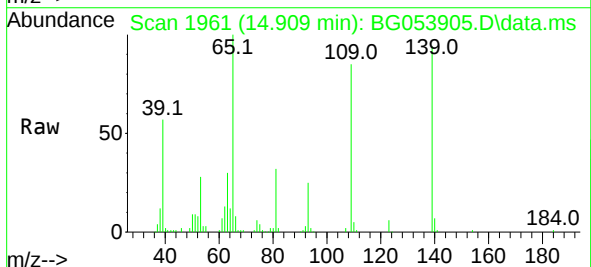
Instrument :
BNA_G
ClientSampleId :
COM-4MS

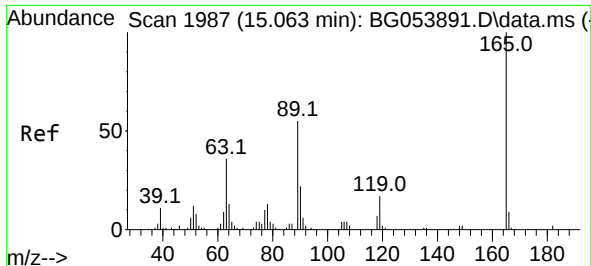
Tgt Ion:168 Resp: 301044
Ion Ratio Lower Upper
168 100
139 34.1 30.5 45.7
169 14.1 10.3 15.5



#56
4-Nitrophenol
Concen: 107.070 ng
RT: 14.909 min Scan# 1961
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:139 Resp: 76876
Ion Ratio Lower Upper
139 100
109 90.3 88.5 128.5
65 106.9 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 54.806 ng

RT: 15.062 min Scan# 1987

Delta R.T. -0.001 min

Lab File: BG053905.D

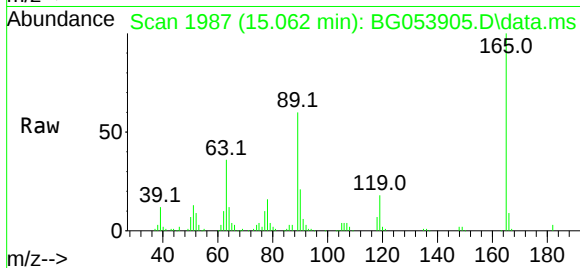
Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS



Tgt Ion:165 Resp: 80797

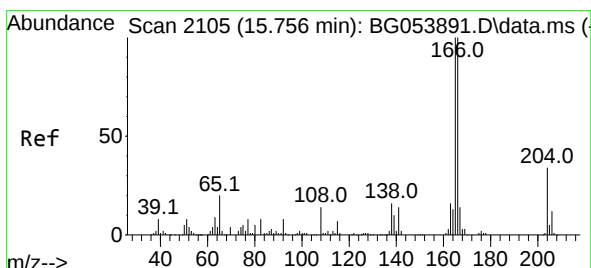
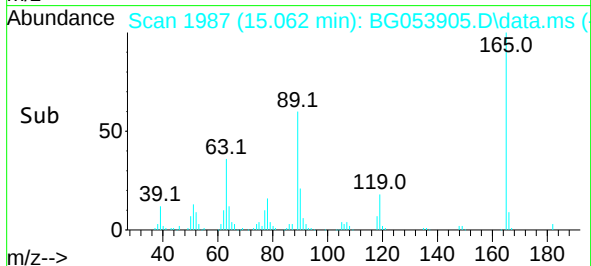
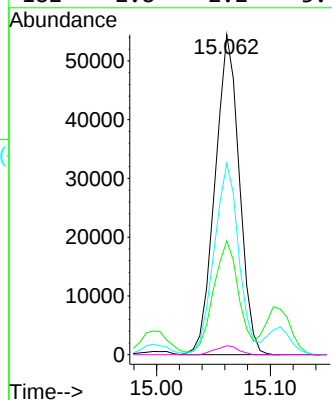
Ion Ratio Lower Upper

165 100

63 35.6 34.6 52.0

89 59.8 60.3 90.5#

182 2.8 2.2 3.4



#58

Fluorene

Concen: 49.327 ng

RT: 15.755 min Scan# 2105

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

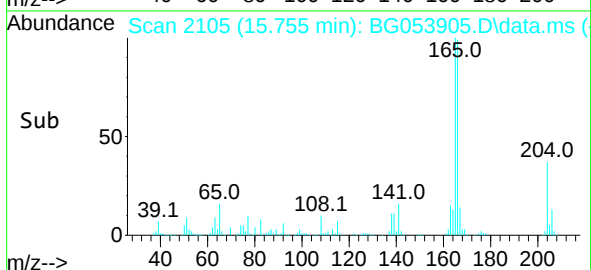
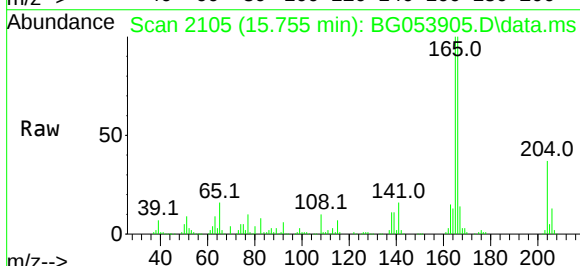
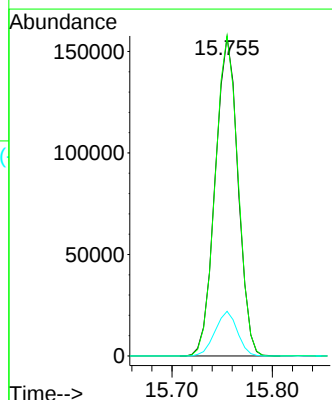
Tgt Ion:166 Resp: 247349

Ion Ratio Lower Upper

166 100

165 100.3 75.0 112.6

167 14.0 10.8 16.2

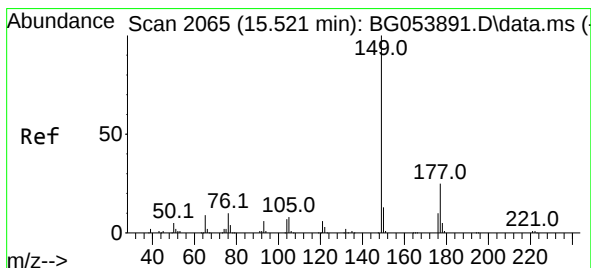
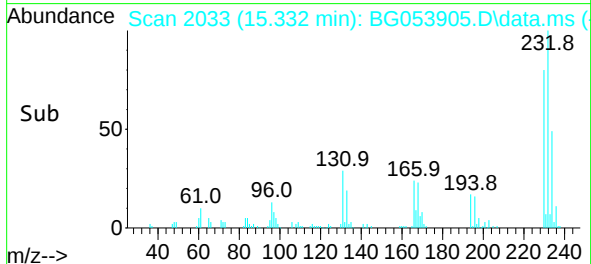
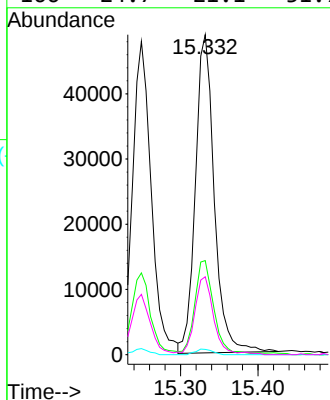
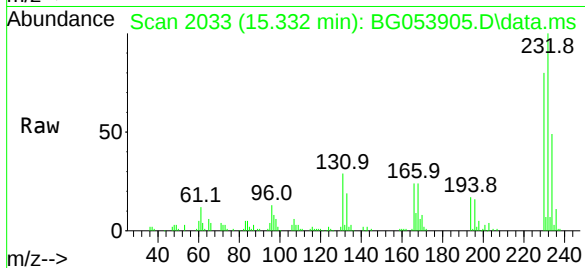




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.387 ng
RT: 15.332 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

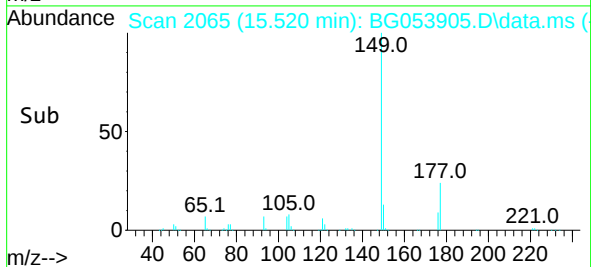
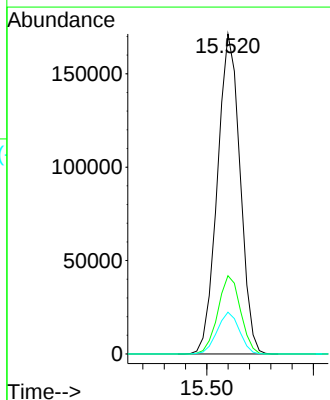
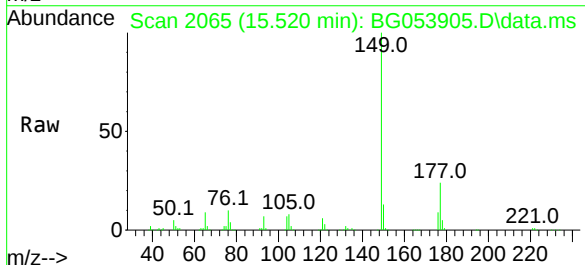
Instrument :
BNA_G
ClientSampleId :
COM-4MS

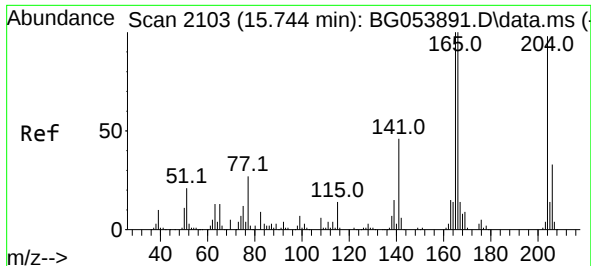
Tgt Ion:232 Resp: 82391
Ion Ratio Lower Upper
232 100
131 28.9 30.6 46.0#
130 1.6 1.8 2.8#
166 24.7 21.1 31.7



#60
Diethylphthalate
Concen: 50.540 ng
RT: 15.520 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:149 Resp: 252876
Ion Ratio Lower Upper
149 100
177 24.5 18.4 27.6
150 13.1 11.2 16.8

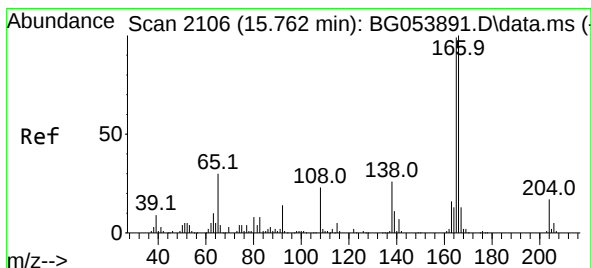
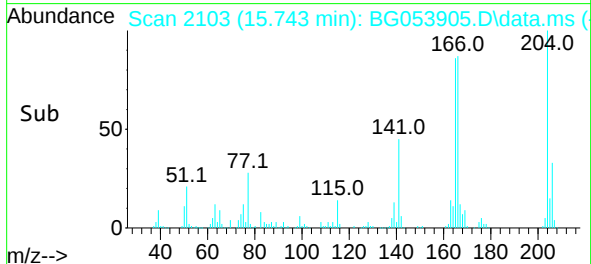
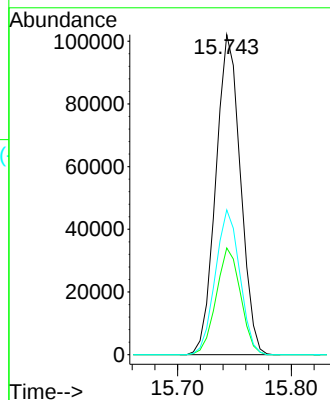
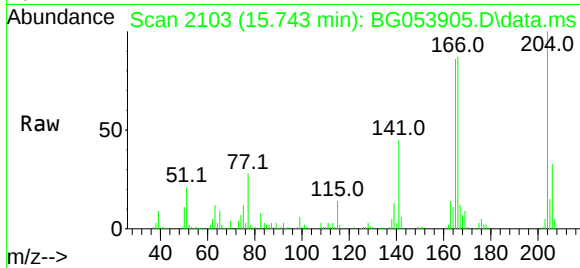




#61
4-Chlorophenyl-phenylether
Concen: 51.247 ng
RT: 15.743 min Scan# 2103
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

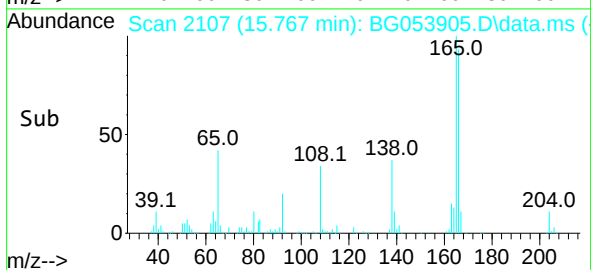
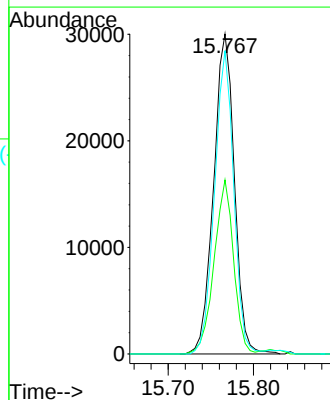
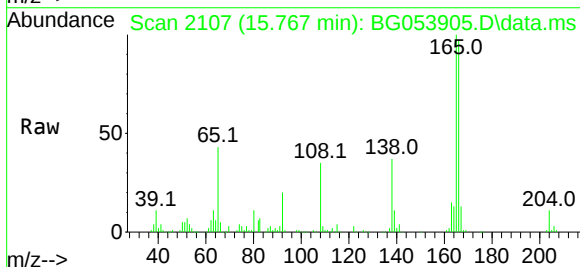
Instrument :
BNA_G
ClientSampleId :
COM-4MS

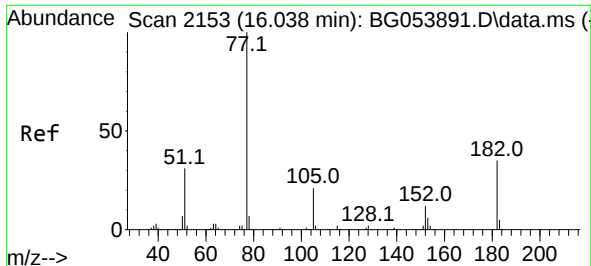
Tgt Ion:204 Resp: 153845
Ion Ratio Lower Upper
204 100
206 33.4 27.5 41.3
141 45.3 45.3 67.9#



#62
4-Nitroaniline
Concen: 48.142 ng
RT: 15.767 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:138 Resp: 50773
Ion Ratio Lower Upper
138 100
92 54.4 40.5 80.5
108 94.8 103.7 143.7#

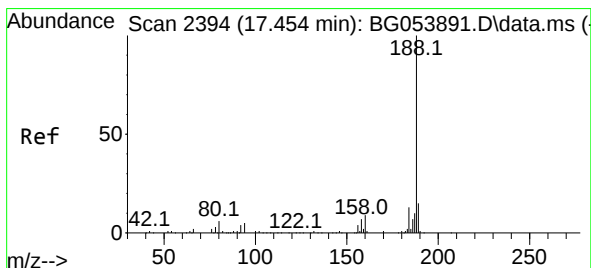
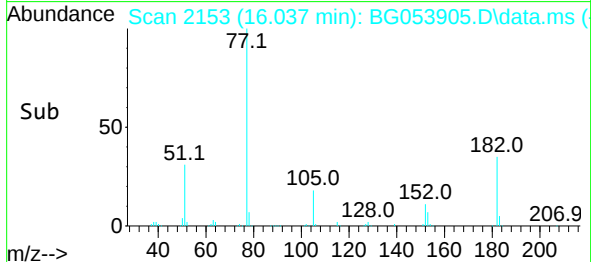
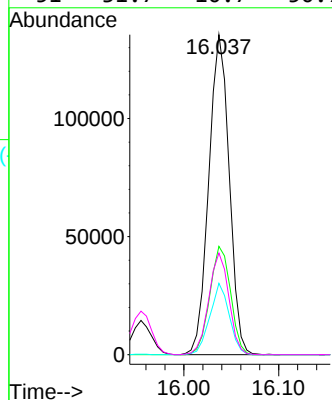
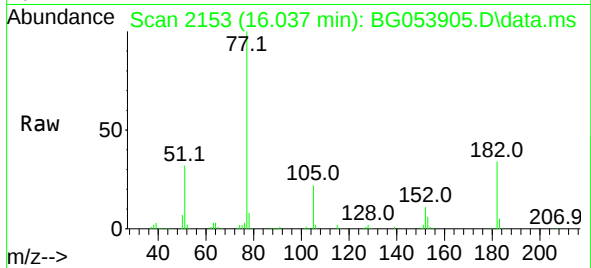




#63
Azobenzene
Concen: 50.354 ng
RT: 16.037 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

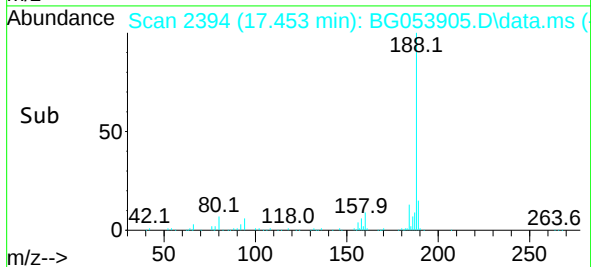
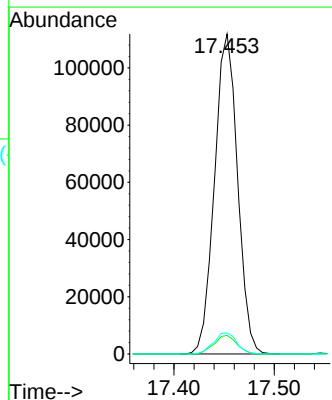
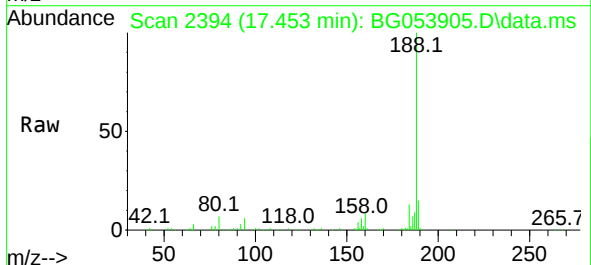
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion:	77	Resp:	202802
Ion	Ratio	Lower	Upper
77	100		
182	33.8	3.8	43.8
105	22.3	0.0	37.8
51	31.7	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:	188	Resp:	177736
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.4	8.0
80	6.6	6.8	10.2

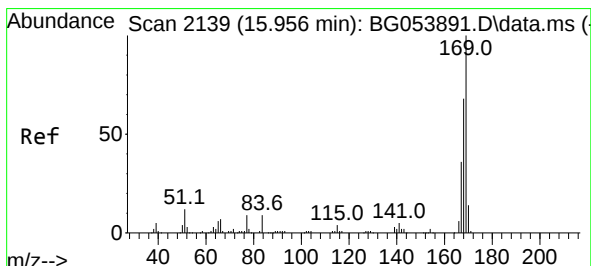
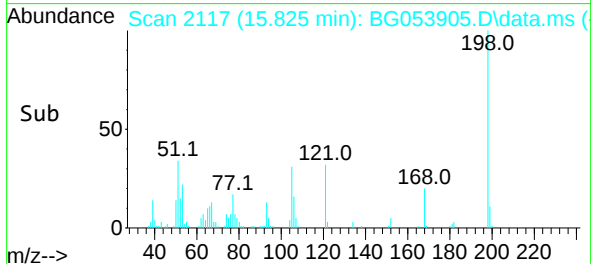
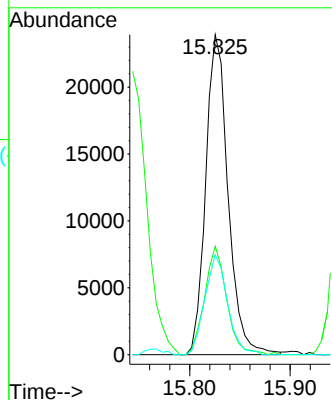
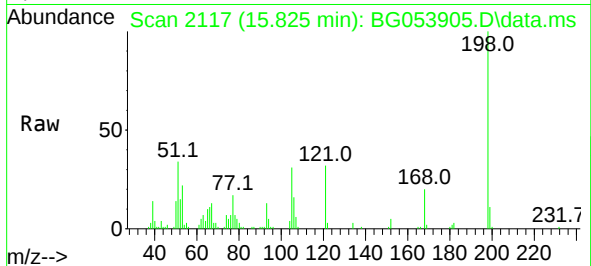




#65
4,6-Dinitro-2-methylphenol
Concen: 41.737 ng
RT: 15.825 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

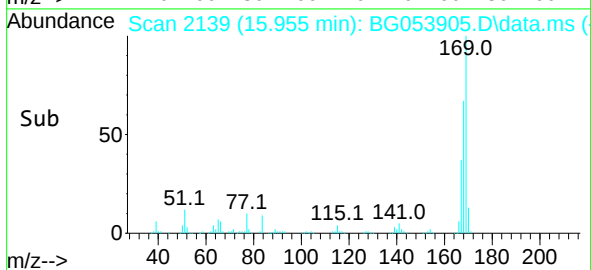
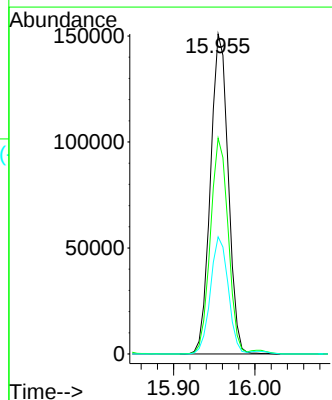
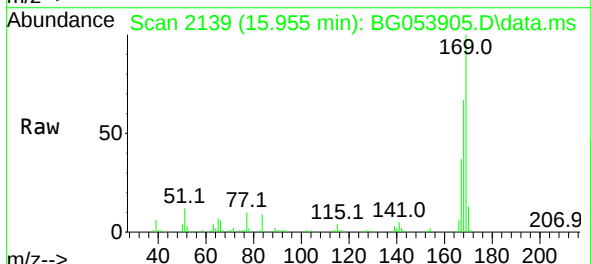
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion:198 Resp: 37009
Ion Ratio Lower Upper
198 100
51 33.9 28.1 68.1
105 31.2 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 49.459 ng
RT: 15.955 min Scan# 2139
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:169 Resp: 229103
Ion Ratio Lower Upper
169 100
168 67.5 55.9 83.9
167 36.6 30.6 46.0

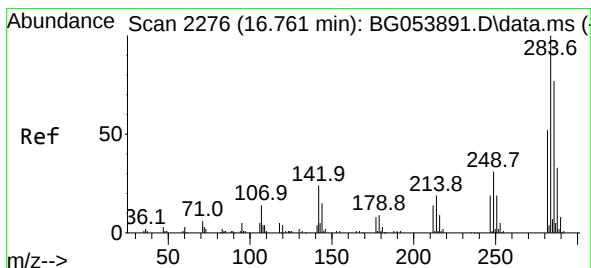
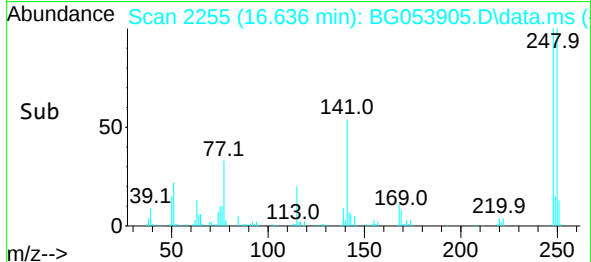
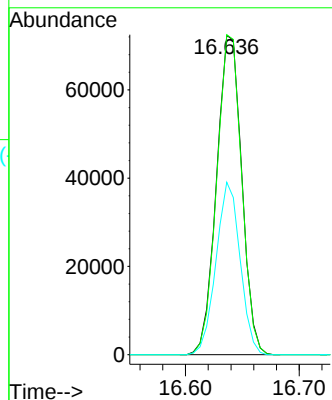
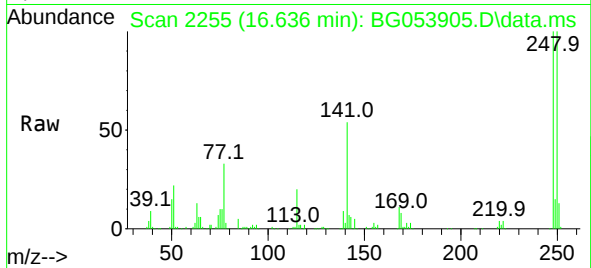




#67
4-Bromophenyl-phenylether
Concen: 50.160 ng
RT: 16.636 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

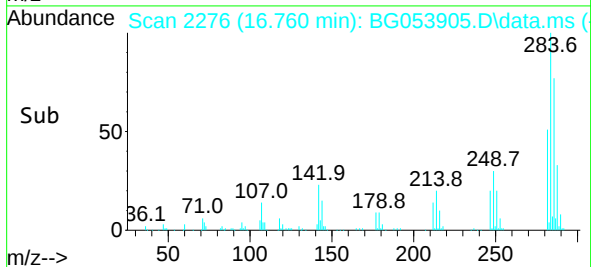
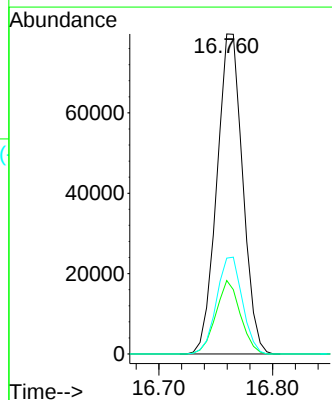
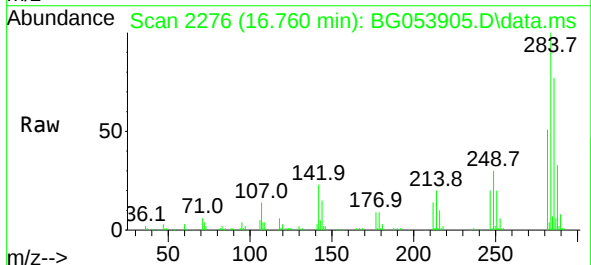
Instrument :
BNA_G
ClientSampleId :
COM-4MS

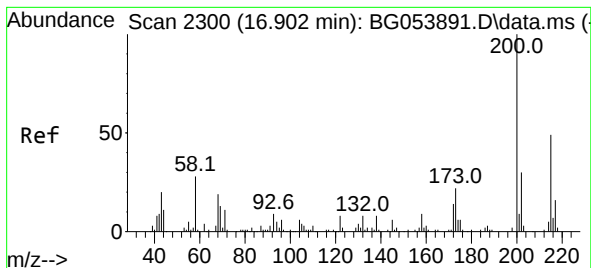
Tgt Ion:248 Resp: 111348
Ion Ratio Lower Upper
248 100
250 100.3 75.2 112.8
141 54.1 50.0 75.0



#68
Hexachlorobenzene
Concen: 49.414 ng
RT: 16.760 min Scan# 2276
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:284 Resp: 125475
Ion Ratio Lower Upper
284 100
142 23.0 23.6 35.4#
249 32.4 25.8 38.6





#69

Atrazine

Concen: 54.801 ng

RT: 16.901 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

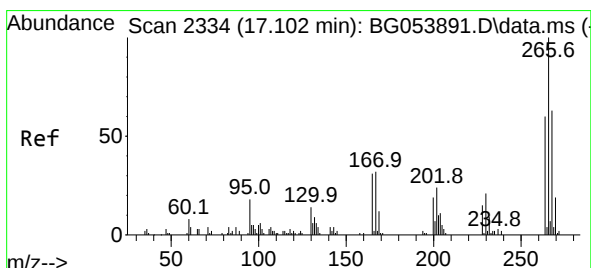
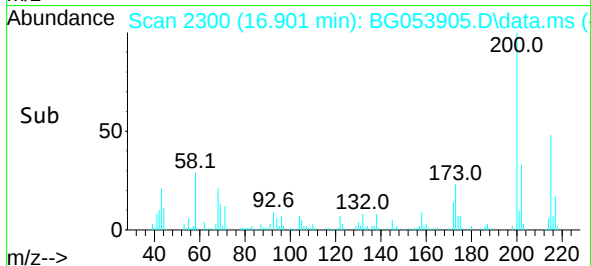
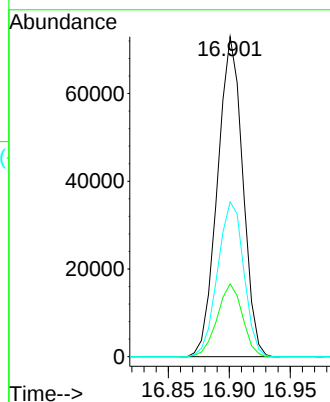
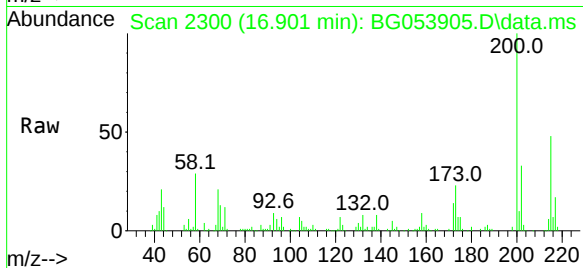
Tgt Ion:200 Resp: 105156

Ion Ratio Lower Upper

200 100

173 22.7 3.7 43.7

215 48.4 25.2 65.2



#70

Pentachlorophenol

Concen: 112.152 ng

RT: 17.100 min Scan# 2334

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

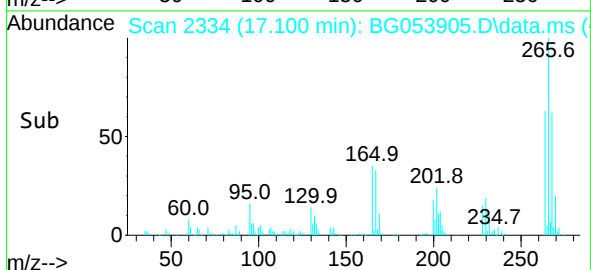
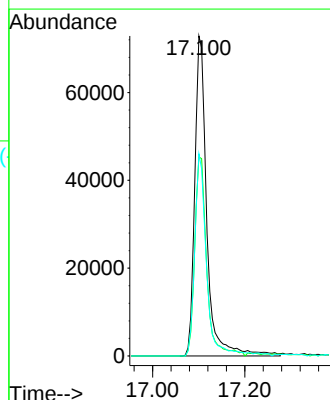
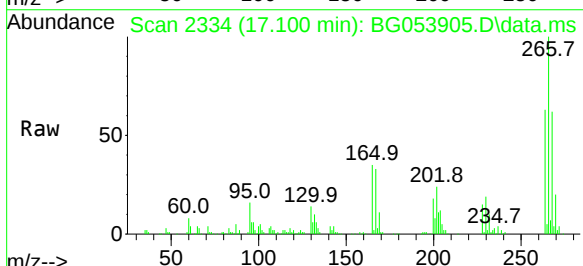
Tgt Ion:266 Resp: 132286

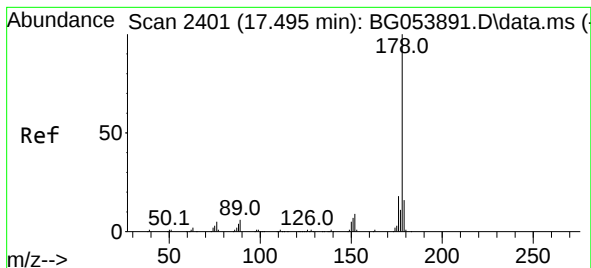
Ion Ratio Lower Upper

266 100

268 66.6 56.2 84.2

264 63.2 53.0 79.4





#71

Phenanthrene

Concen: 48.584 ng

RT: 17.494 min Scan# 2401

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

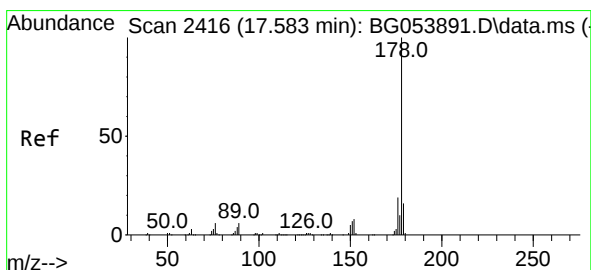
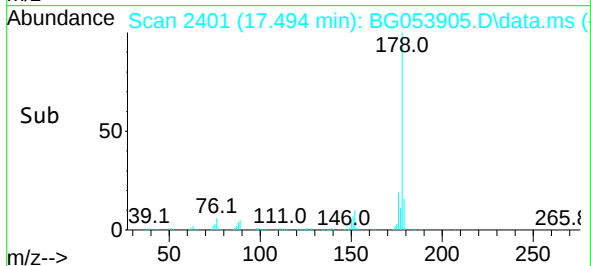
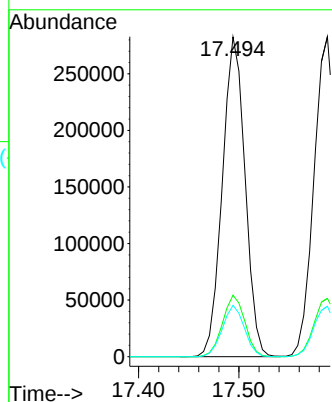
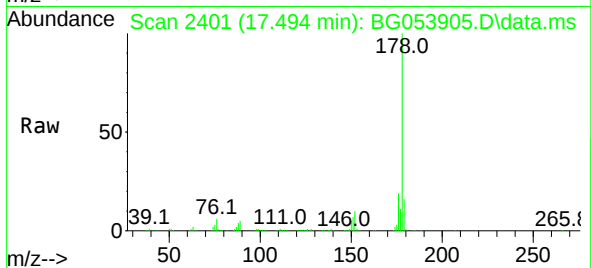
Tgt Ion:178 Resp: 443646

Ion Ratio Lower Upper

178 100

176 19.2 14.1 21.1

179 16.1 12.1 18.1



#72

Anthracene

Concen: 49.862 ng

RT: 17.588 min Scan# 2417

Delta R.T. 0.005 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

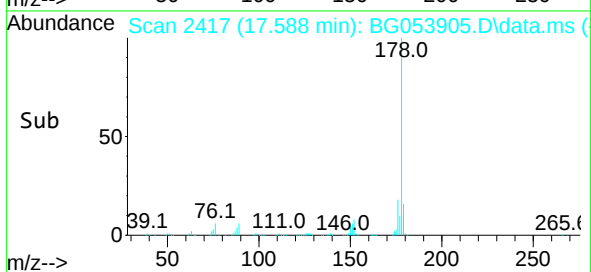
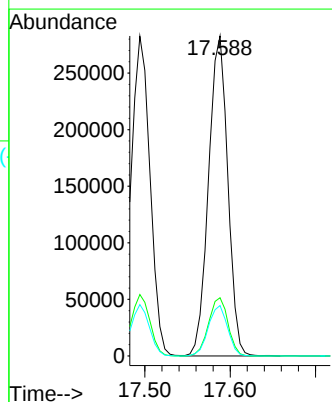
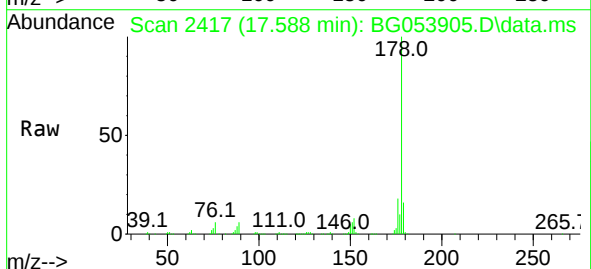
Tgt Ion:178 Resp: 444633

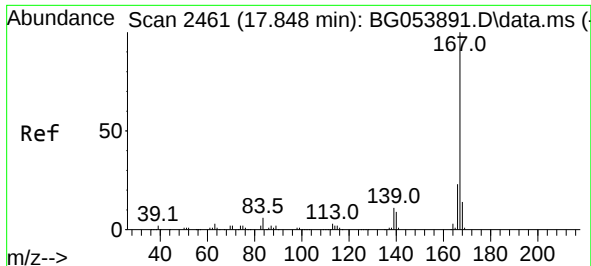
Ion Ratio Lower Upper

178 100

176 18.2 15.2 22.8

179 15.7 13.0 19.4

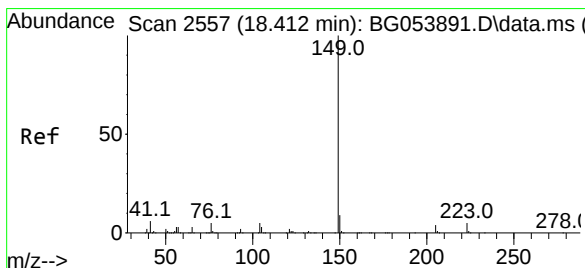
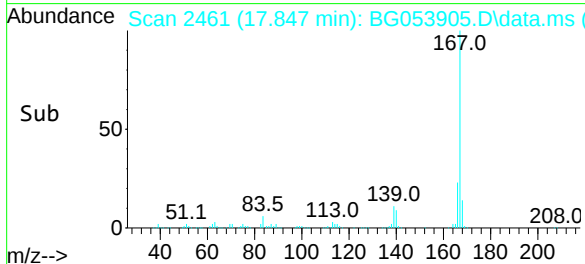
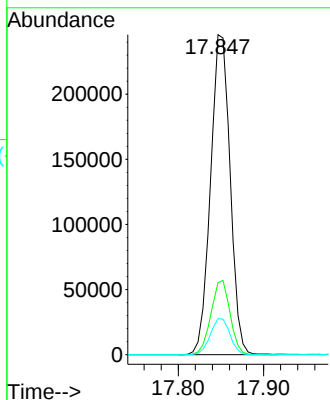
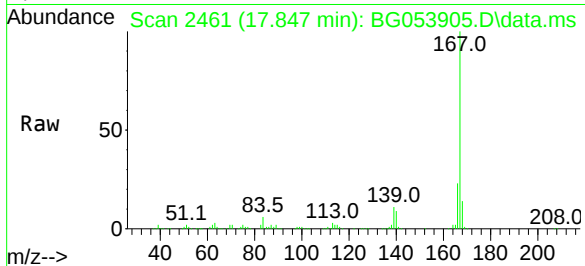




#73
 Carbazole
 Concen: 51.260 ng
 RT: 17.847 min Scan# 2461
 Delta R.T. -0.001 min
 Lab File: BG053905.D
 Acq: 14 Jun 2022 17:27

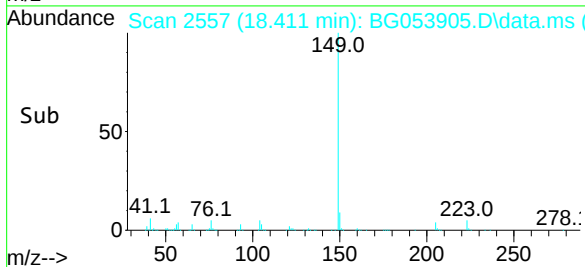
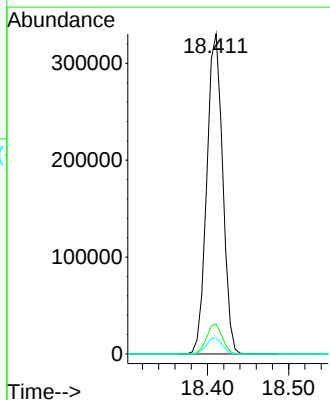
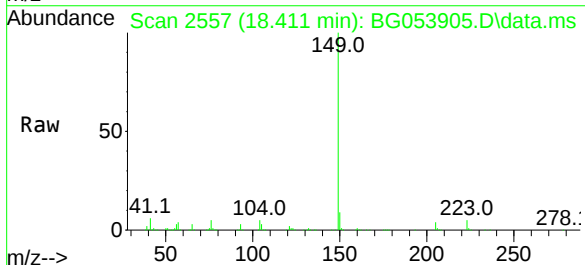
Instrument :
 BNA_G
 ClientSampleId :
 COM-4MS

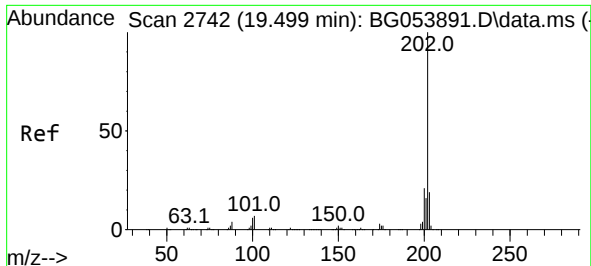
Tgt Ion:167 Resp: 392344
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 11.2 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 50.562 ng
 RT: 18.411 min Scan# 2557
 Delta R.T. -0.001 min
 Lab File: BG053905.D
 Acq: 14 Jun 2022 17:27

Tgt Ion:149 Resp: 447460
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 5.4 8.0#

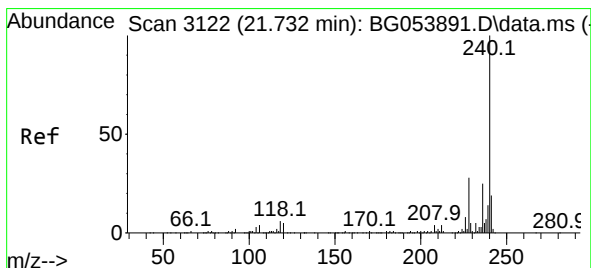
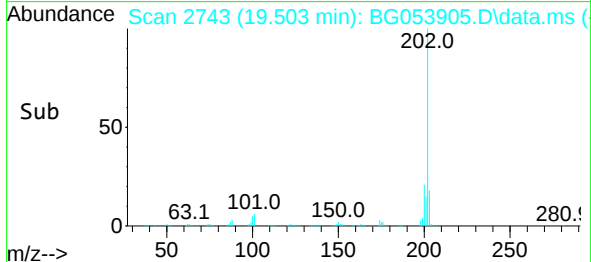
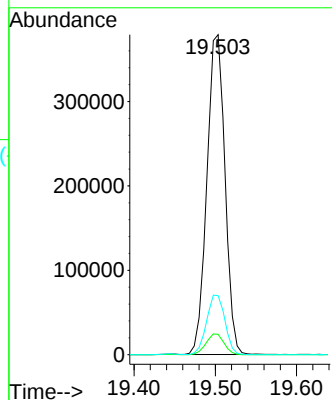
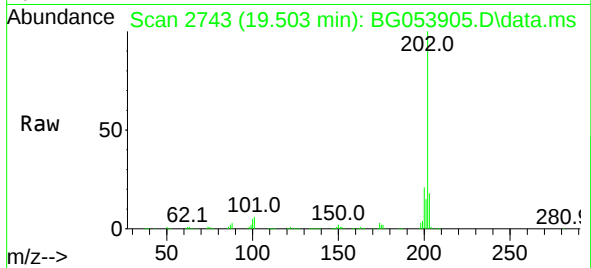




#75
Fluoranthene
Concen: 48.727 ng
RT: 19.503 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

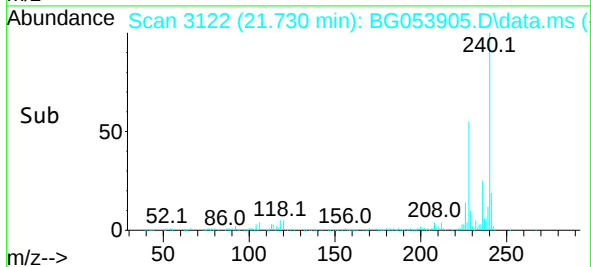
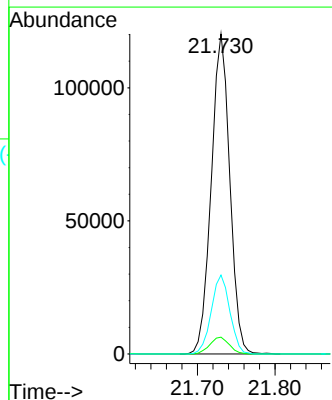
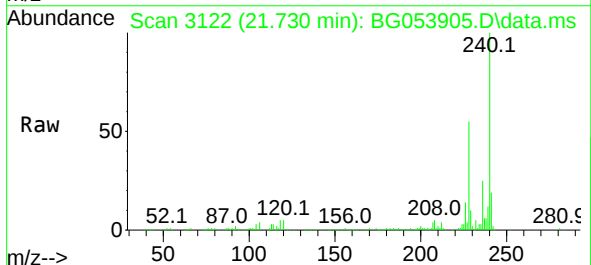
Instrument :
BNA_G
ClientSampleId :
COM-4MS

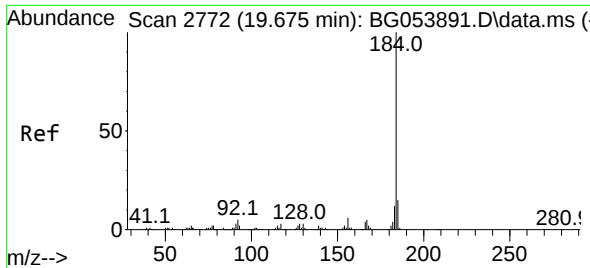
Tgt Ion:202 Resp: 584110
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.9
203 18.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:240 Resp: 199709
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 24.6 20.2 30.4

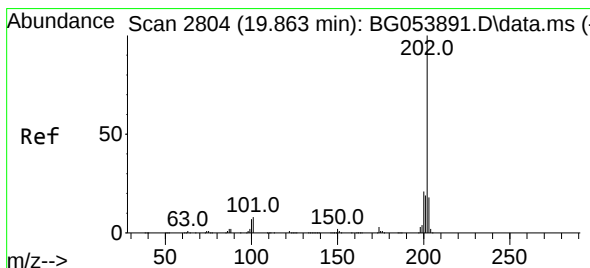
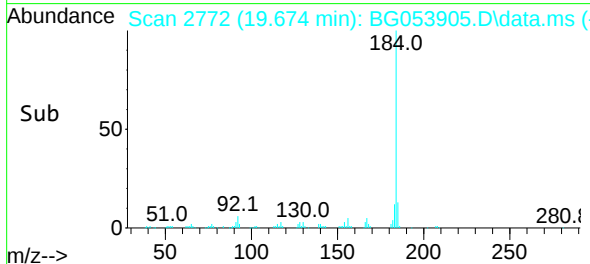
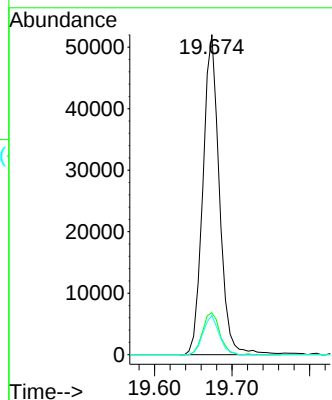
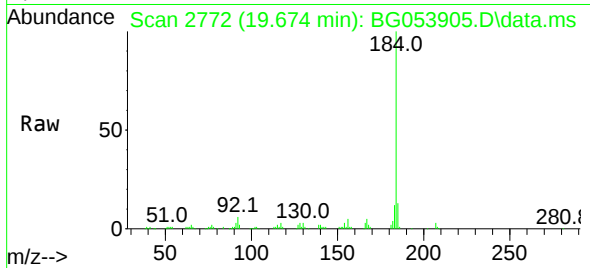




#77
Benzidine
Concen: 18.548 ng
RT: 19.674 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

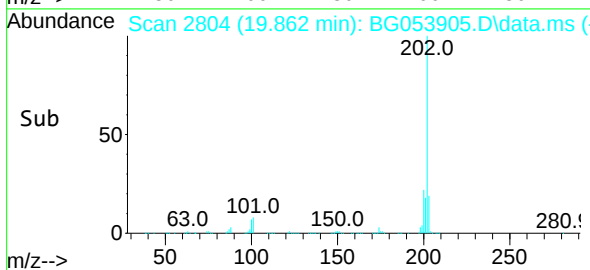
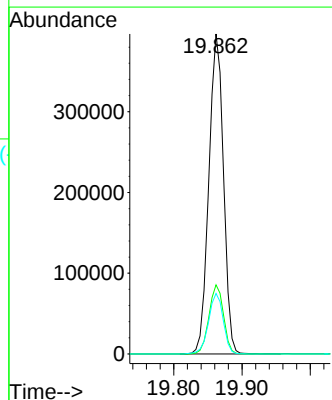
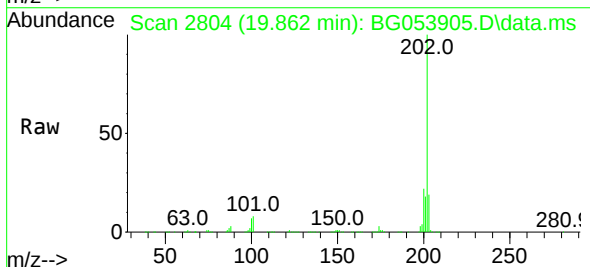
Instrument :
BNA_G
ClientSampleId :
COM-4MS

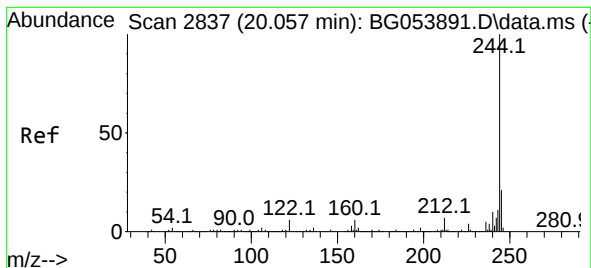
Tgt Ion:184 Resp: 76711
Ion Ratio Lower Upper
184 100
185 13.1 11.8 17.6
183 12.2 8.9 13.3



#78
Pyrene
Concen: 49.072 ng
RT: 19.862 min Scan# 2804
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:202 Resp: 591907
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 18.9 14.6 21.8





#79

Terphenyl-d14

Concen: 102.089 ng

RT: 20.062 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

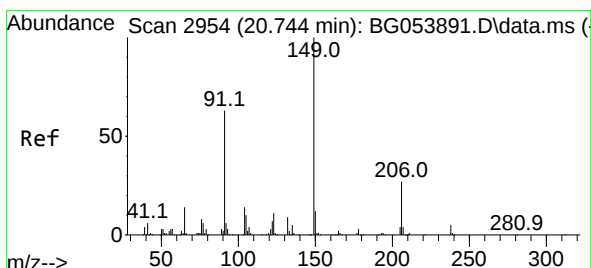
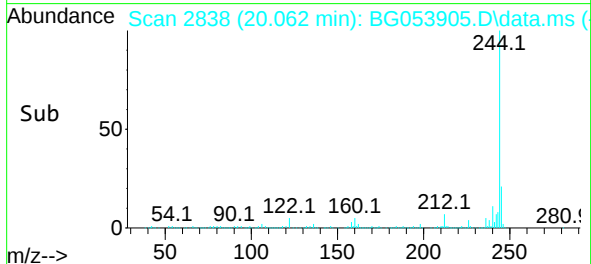
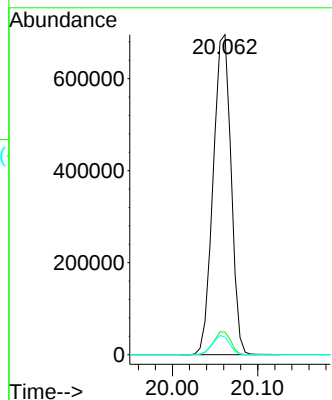
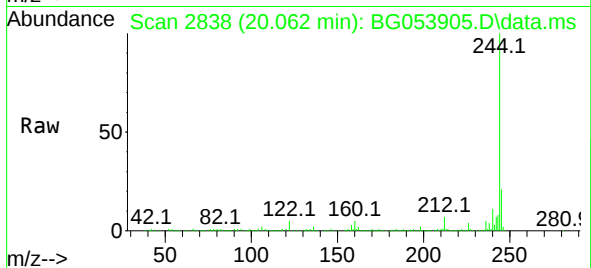
Tgt Ion:244 Resp: 1012275

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 5.4 5.0 7.4



#80

Butylbenzylphthalate

Concen: 50.975 ng

RT: 20.743 min Scan# 2954

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

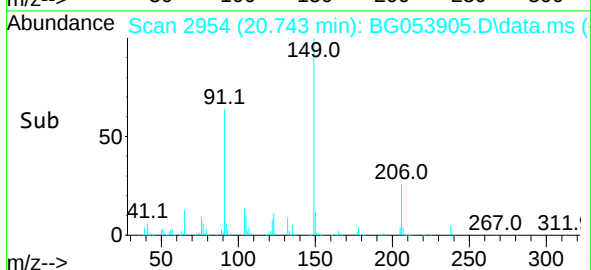
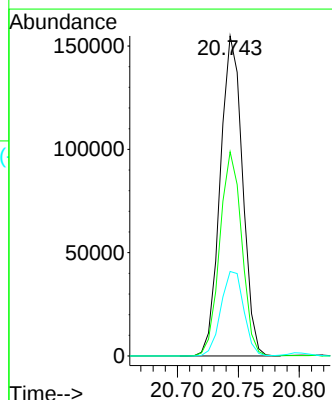
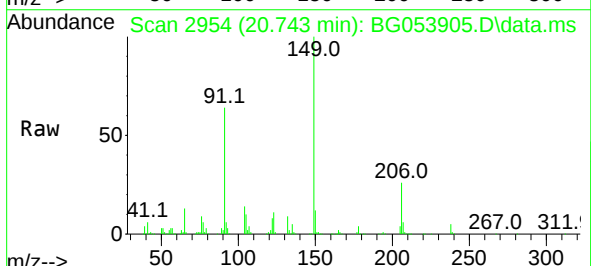
Tgt Ion:149 Resp: 197080

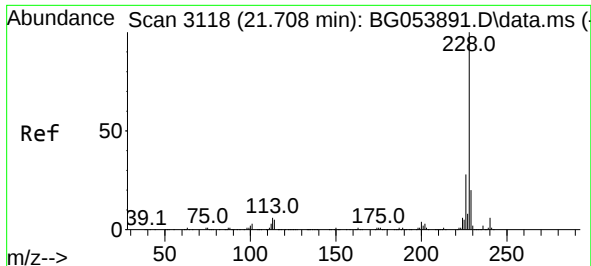
Ion Ratio Lower Upper

149 100

91 63.8 59.6 89.4

206 26.4 18.6 28.0

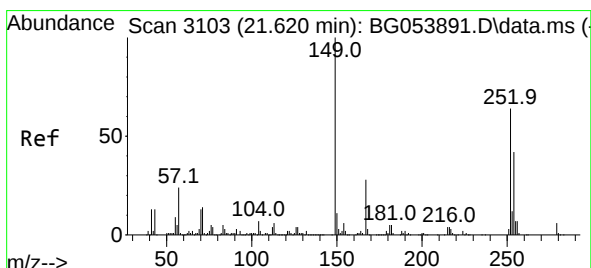
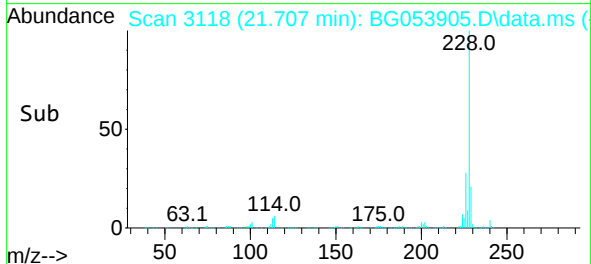
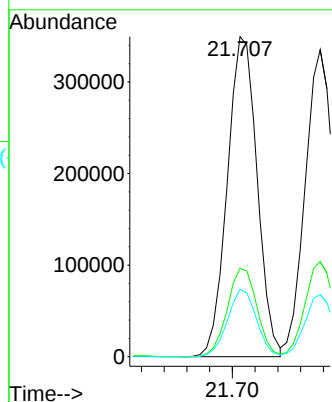
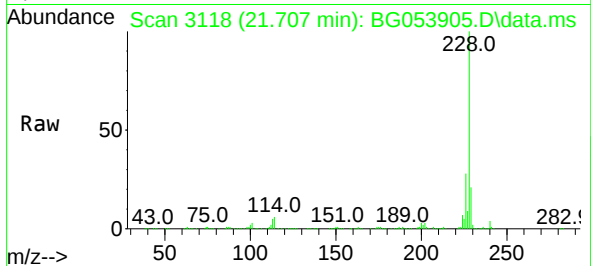




#81
Benzo(a)anthracene
Concen: 49.186 ng
RT: 21.707 min Scan# 3118
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

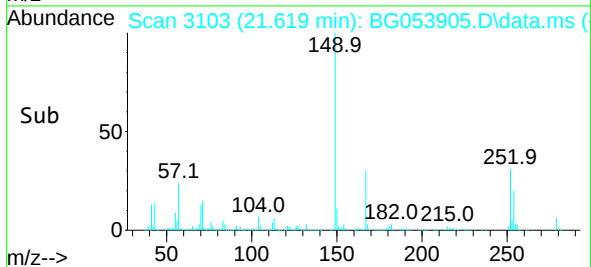
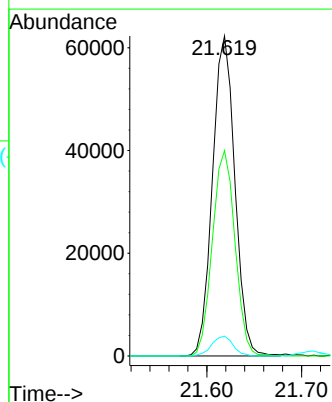
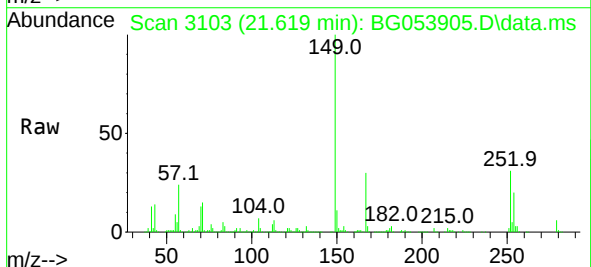
Instrument :
BNA_G
ClientSampleId :
COM-4MS

Tgt Ion:228 Resp: 636010
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 21.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 26.506 ng
RT: 21.619 min Scan# 3103
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:252 Resp: 102402
Ion Ratio Lower Upper
252 100
254 64.2 49.8 74.8
126 6.2 6.0 9.0





#83

Chrysene

Concen: 47.468 ng

RT: 21.777 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

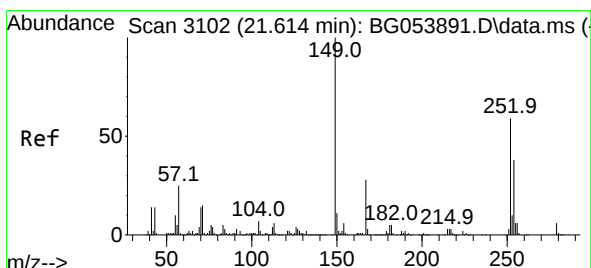
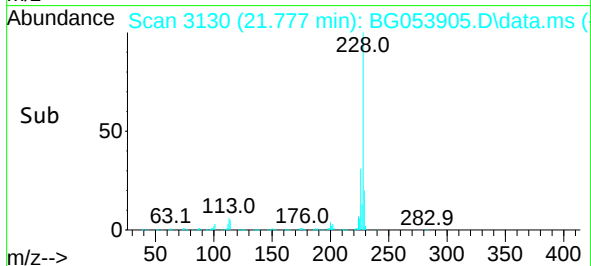
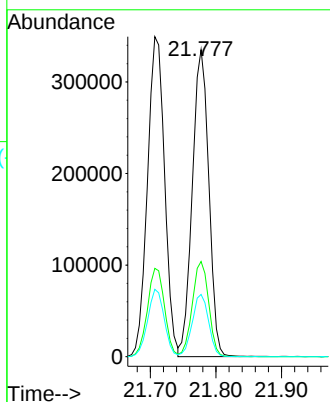
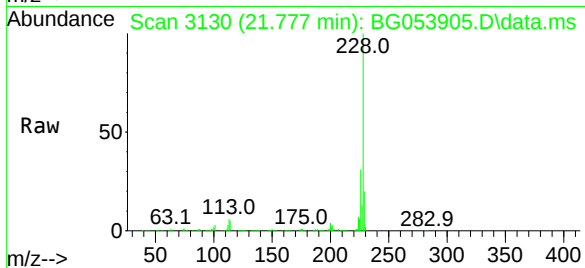
Tgt Ion:228 Resp: 585080

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

229 20.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.924 ng

RT: 21.619 min Scan# 3103

Delta R.T. 0.005 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

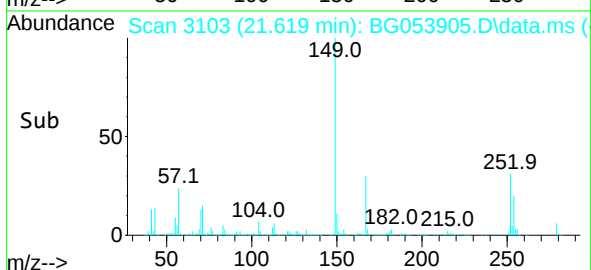
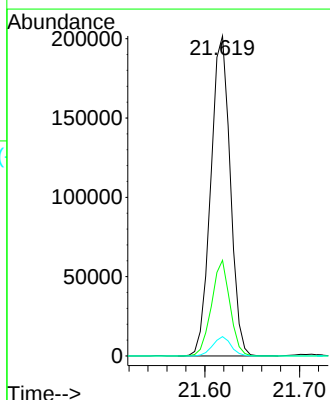
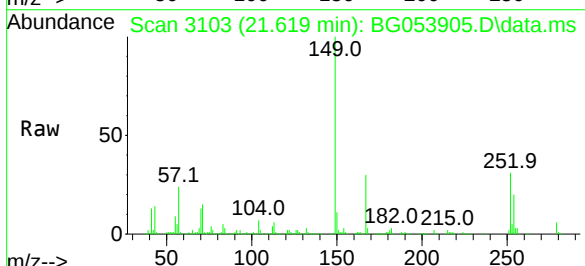
Tgt Ion:149 Resp: 287112

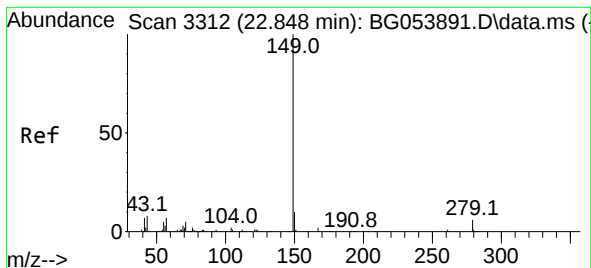
Ion Ratio Lower Upper

149 100

167 29.9 20.2 30.4

279 6.0 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 52.535 ng

RT: 22.847 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

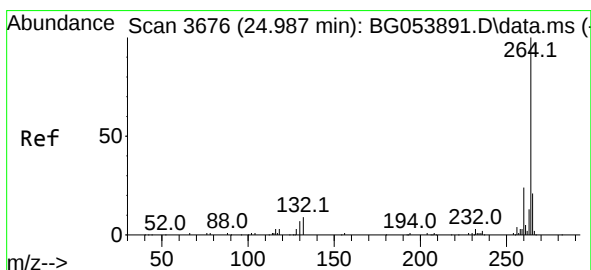
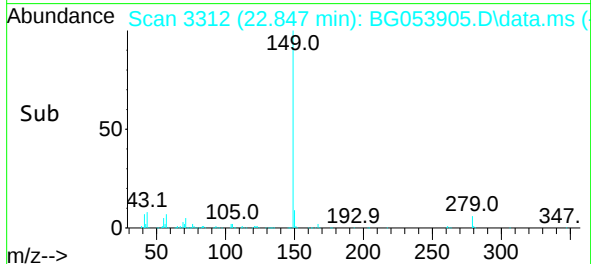
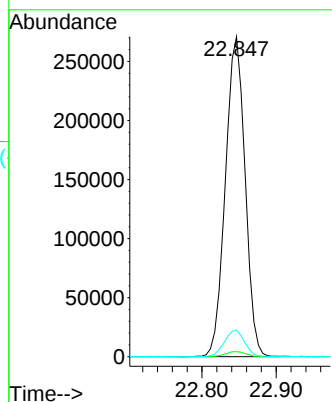
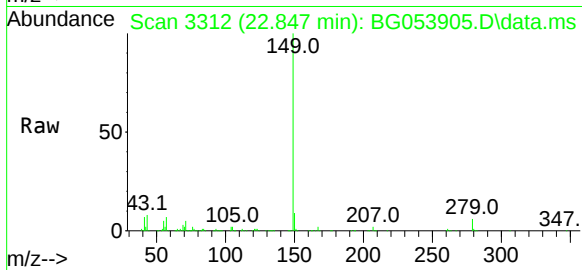
Tgt Ion:149 Resp: 499289

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.991 min Scan# 3677

Delta R.T. 0.005 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

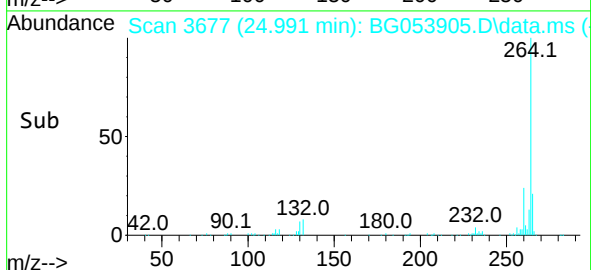
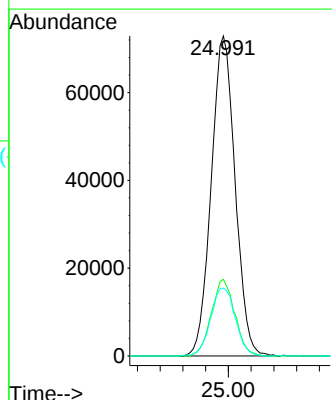
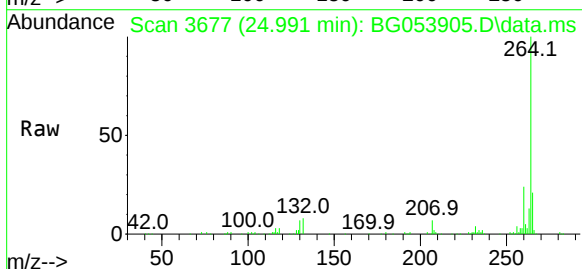
Tgt Ion:264 Resp: 212260

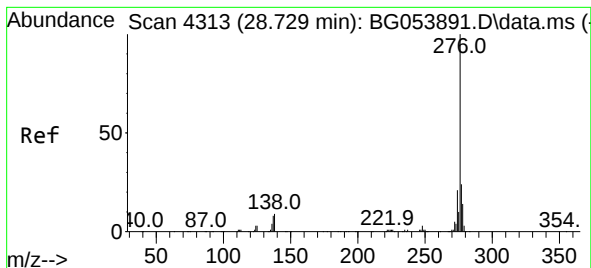
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.250 ng

RT: 28.734 min Scan# 4313

Delta R.T. 0.005 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

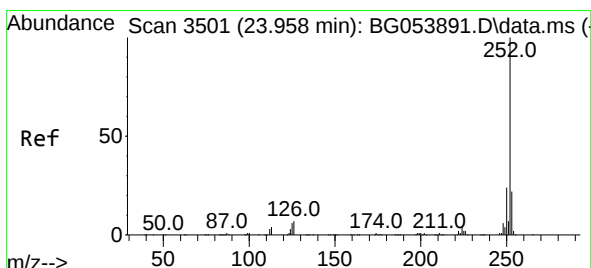
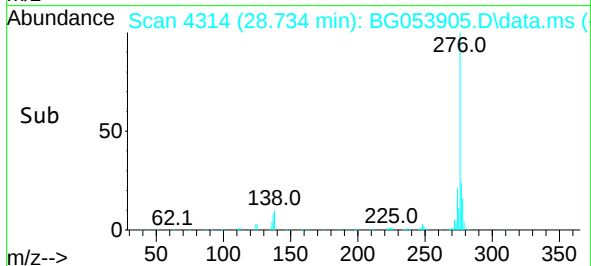
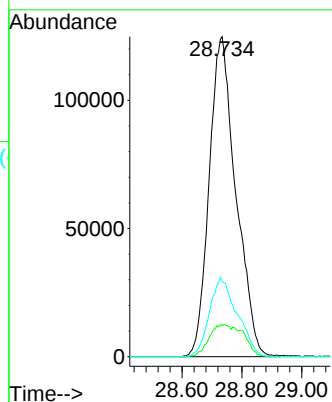
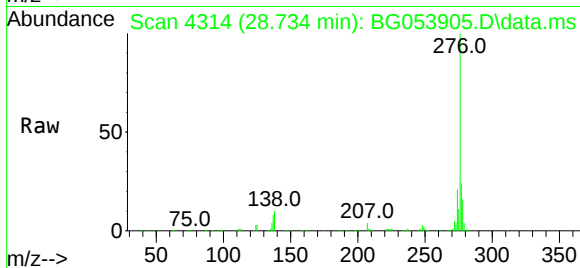
Tgt Ion:276 Resp: 772872

Ion Ratio Lower Upper

276 100

138 7.8 5.0 7.4#

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 52.608 ng

RT: 23.957 min Scan# 3501

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

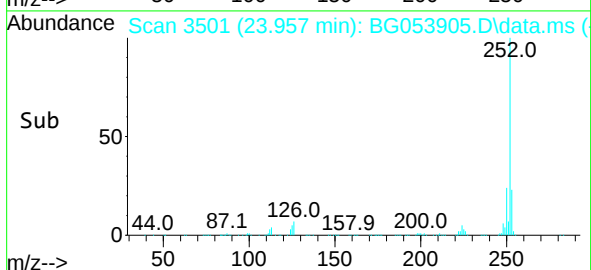
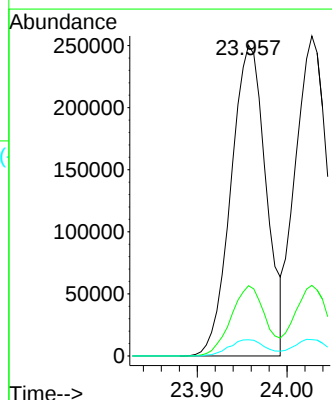
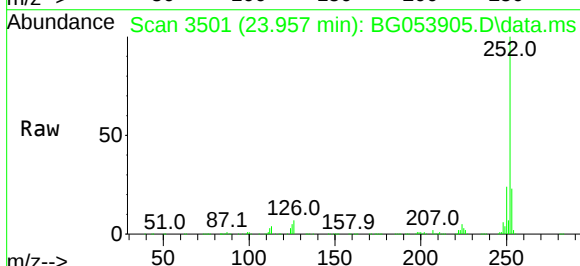
Tgt Ion:252 Resp: 678953

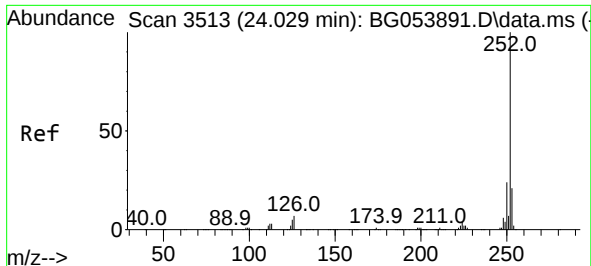
Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 5.2 4.6 6.8

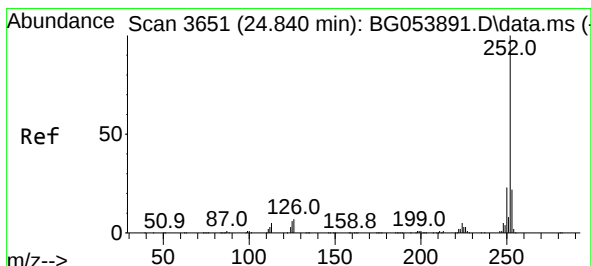
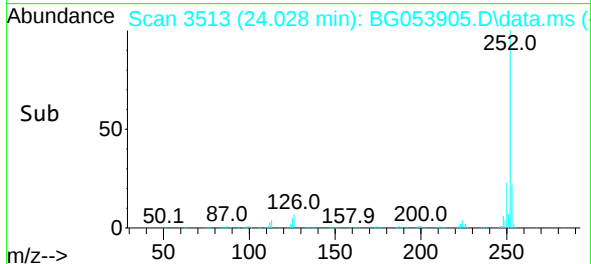
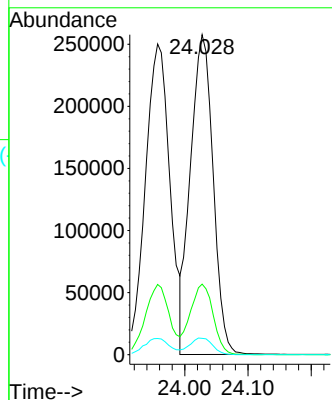
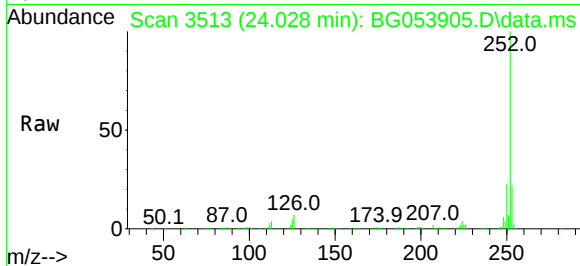




#89
Benzo(k)fluoranthene
Concen: 50.108 ng
RT: 24.028 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

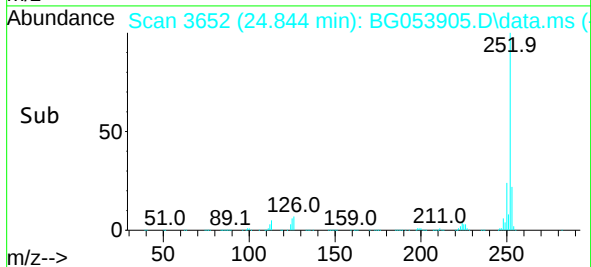
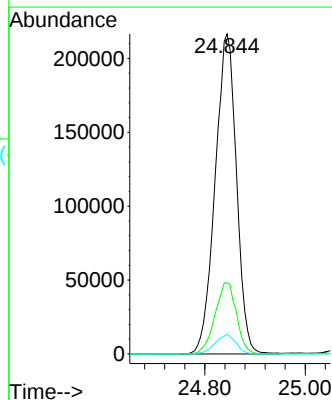
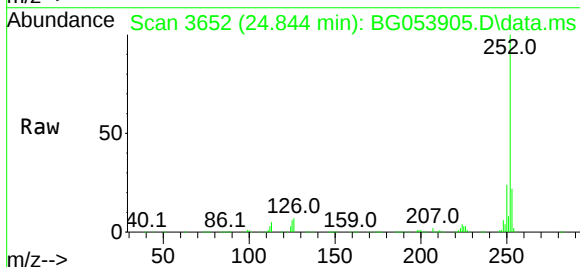
Instrument :
BNA_G
ClientSampleId :
COM-4MS

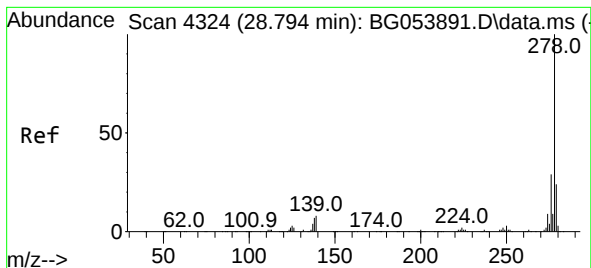
Tgt Ion:252 Resp: 640283
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 5.1 4.8 7.2



#90
Benzo(a)pyrene
Concen: 58.720 ng
RT: 24.844 min Scan# 3652
Delta R.T. 0.005 min
Lab File: BG053905.D
Acq: 14 Jun 2022 17:27

Tgt Ion:252 Resp: 639408
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 6.1 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 50.477 ng

RT: 28.798 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Instrument :

BNA_G

ClientSampleId :

COM-4MS

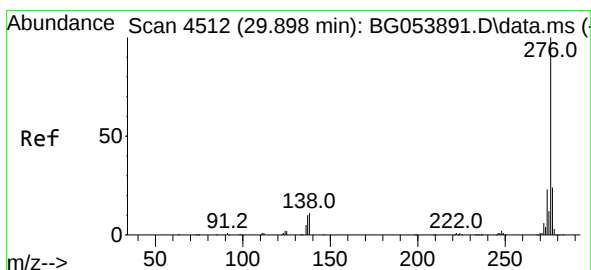
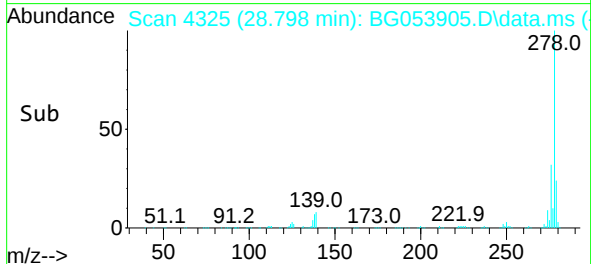
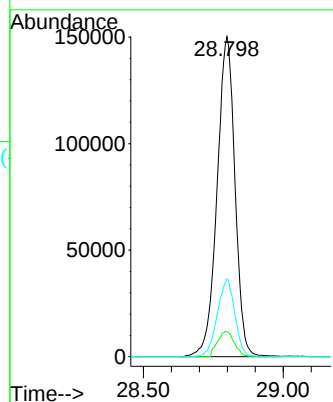
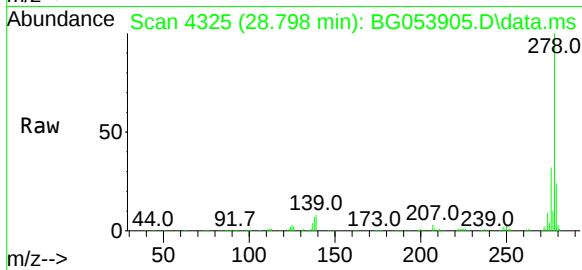
Tgt Ion:278 Resp: 668609

Ion Ratio Lower Upper

278 100

139 7.8 7.2 10.8

279 24.3 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 50.779 ng

RT: 29.897 min Scan# 4512

Delta R.T. -0.001 min

Lab File: BG053905.D

Acq: 14 Jun 2022 17:27

Tgt Ion:276 Resp: 663766

Ion Ratio Lower Upper

276 100

277 24.1 17.3 25.9

138 11.4 9.6 14.4

