

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052360.D
 Acq On : 10 Feb 2022 18:56
 Operator : CG/JU
 Sample : N1455-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Feb 11 02:07:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	27788	20.000	ng	0.00
21) Naphthalene-d8	11.065	136	111008	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	70532	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	162696	20.000	ng	0.00
76) Chrysene-d12	21.939	240	187920	20.000	ng	0.00
86) Perylene-d12	25.410	264	195747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	142904	89.629	ng	0.00
7) Phenol-d6	7.376	99	201334	81.841	ng	0.00
23) Nitrobenzene-d5	9.397	82	143053	56.007	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	91439	90.238	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	296513	58.415	ng	0.00
79) Terphenyl-d14	20.218	244	566454	53.229	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	4.216	79	55	0.026	ng	# 23
4) n-Nitrosodimethylamine	3.799	42	56	0.051	ng	# 1
10) Phenol	7.405	94	3489	1.427	ng	94
15) Benzyl Alcohol	8.228	79	775	0.380	ng	# 11
18) Hexachloroethane	9.356	117	292	0.412	ng	# 1
19) n-Nitroso-di-n-propyla...	9.315	70	629	0.339	ng	# 71
22) Acetophenone	9.044	105	914	0.312	ng	# 48
24) Nitrobenzene	9.473	77	56	0.023	ng	# 48
25) Isophorone	9.978	82	1612	0.371	ng	# 1
26) 2-Nitrophenol	10.278	139	60	0.058	ng	# 10
27) 2,4-Dimethylphenol	10.243	122	111	0.073	ng	# 70
28) bis(2-Chloroethoxy)met...	10.536	93	60	0.024	ng	# 1
31) Naphthalene	11.112	128	4409	0.758	ng	# 88
33) 4-Chloroaniline	11.112	127	757	0.312	ng	# 18
34) Hexachlorobutadiene	10.971	225	54	0.038	ng	# 17
36) 4-Chloro-3-methylphenol	12.358	107	363	0.175	ng	# 19
37) 2-Methylnaphthalene	12.716	142	9135	2.113	ng	97
38) 1-Methylnaphthalene	12.933	142	3804	0.908	ng	# 98
43) 2,4,6-Trichlorophenol	13.333	196	56	0.037	ng	# 11
44) 2,4,5-Trichlorophenol	13.409	196	116	0.071	ng	# 1
46) 1,1'-Biphenyl	13.703	154	1116	0.216	ng	# 66
47) 2-Chloronaphthalene	13.726	162	55	0.014	ng	# 40
48) 2-Nitroaniline	13.908	65	238	0.168	ng	# 36
49) Acenaphthylene	14.607	152	2023	0.312	ng	# 22
50) Dimethylphthalate	14.302	163	1043	0.193	ng	# 1
51) 2,6-Dinitrotoluene	14.419	165	553	0.474	ng	# 63
52) Acenaphthene	14.931	154	1295	0.305	ng	# 83
53) 3-Nitroaniline	14.784	138	1434	1.183	ng	# 29
55) Dibenzofuran	15.271	168	2313	0.346	ng	# 1
57) 2,4-Dinitrotoluene	15.248	165	496	0.299	ng	# 41
58) Fluorene	15.912	166	2752	0.516	ng	# 91
59) 2,3,4,6-Tetrachlorophenol	15.518	232	63	0.040	ng	# 42
60) Diethylphthalate	15.671	149	1267	0.232	ng	# 89
61) 4-Chlorophenyl-phenyle...	15.900	204	55	0.018	ng	# 1
62) 4-Nitroaniline	15.876	138	363	0.285	ng	92
63) Azobenzene	16.188	77	237	0.042	ng	# 31

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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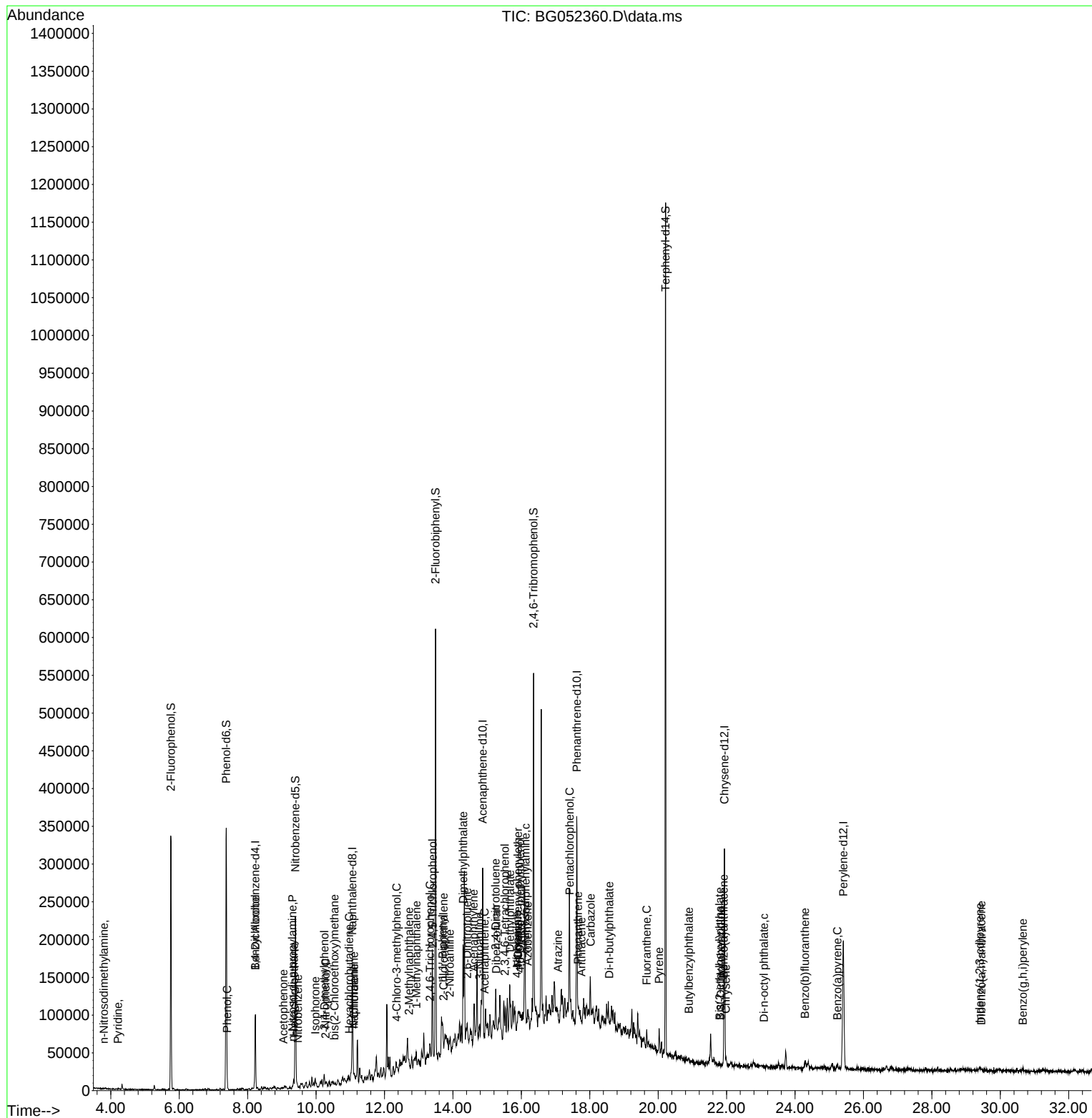
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 4,6-Dinitro-2-methylph...	15.964	198	54	0.055	ng	# 1
66) n-Nitrosodiphenylamine	16.123	169	8045	1.795	ng	# 41
69) Atrazine	17.075	200	120	0.066	ng	# 1
70) Pentachlorophenol	17.415	266	54	0.051	ng	# 18
71) Phenanthrene	17.662	178	9724	1.159	ng	# 89
72) Anthracene	17.756	178	1428	0.174	ng	# 73
73) Carbazole	18.026	167	796	0.099	ng	# 1
74) Di-n-butylphthalate	18.567	149	708	0.081	ng	# 53
75) Fluoranthene	19.665	202	13771	1.289	ng	95
78) Pyrene	20.030	202	14733	1.172	ng	98
80) Butylbenzylphthalate	20.899	149	548	0.125	ng	# 79
81) Benzo(a)anthracene	21.915	228	7626	0.613	ng	# 93
82) 3,3'-Dichlorobenzidine	21.827	252	130	0.030	ng	# 24
83) Chrysene	21.980	228	7741	0.657	ng	96
84) Bis(2-ethylhexyl)phtha...	21.798	149	897	0.148	ng	# 95
85) Di-n-octyl phthalate	23.090	149	625	0.062	ng	# 1
87) Indeno(1,2,3-cd)pyrene	29.399	276	6466	0.451	ng	# 88
88) Benzo(b)fluoranthene	24.294	252	11289	0.925	ng	95
90) Benzo(a)pyrene	25.240	252	7895	0.766	ng	# 83
91) Dibenzo(a,h)anthracene	29.446	278	791	0.067	ng	# 57
92) Benzo(g,h,i)perylene	30.656	276	6659	0.573	ng	# 91

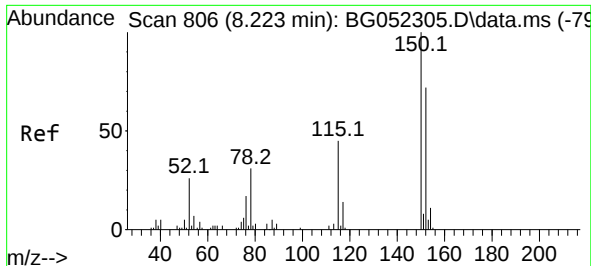
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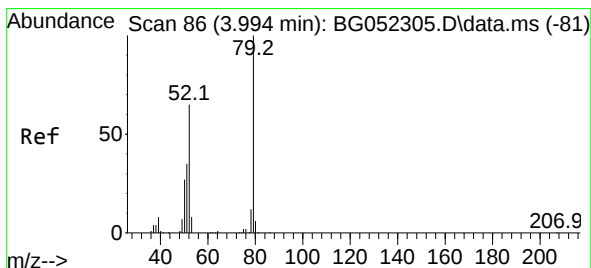
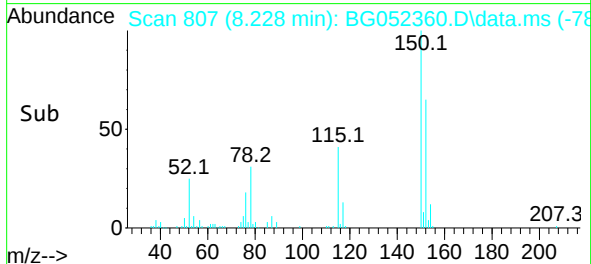
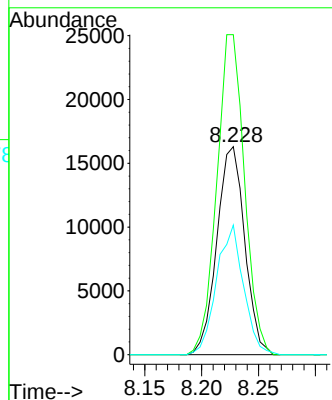
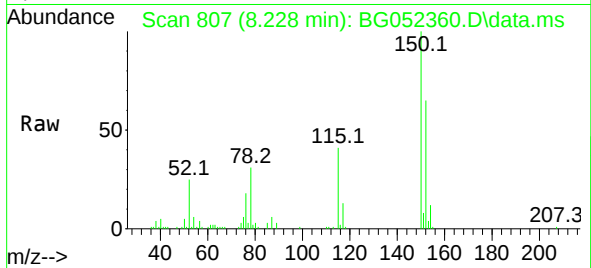




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

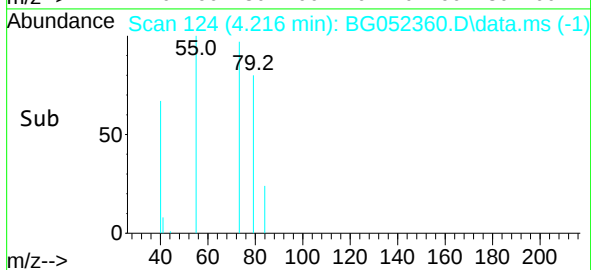
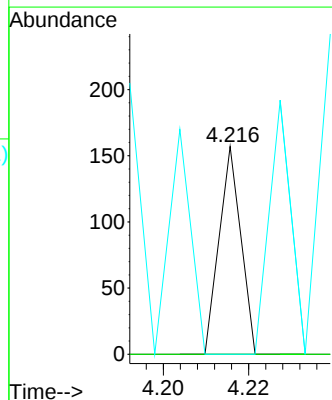
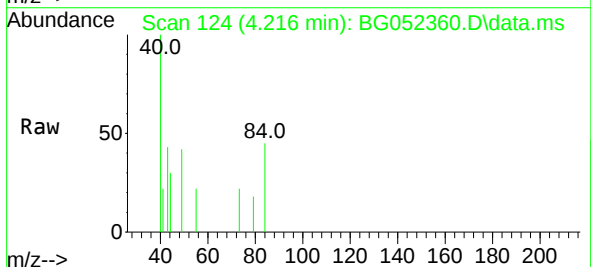
Instrument :
BNA_G
ClientSampleId :
TP-5

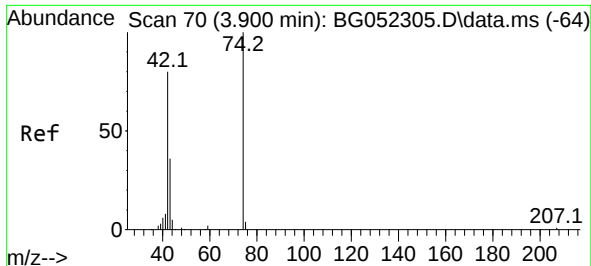
Tgt Ion:152 Resp: 27788
Ion Ratio Lower Upper
152 100
150 153.8 117.8 176.8
115 62.3 50.2 75.2



#3
Pyridine
Concen: 0.026 ng
RT: 4.216 min Scan# 124
Delta R.T. 0.222 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 79 Resp: 55
Ion Ratio Lower Upper
79 100
52 0.0 55.0 82.6#
51 0.0 32.5 48.7#

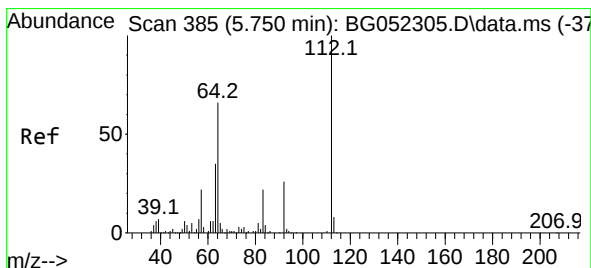
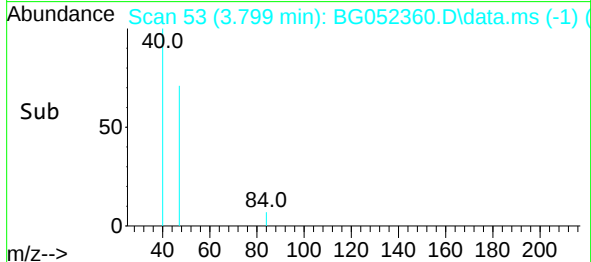
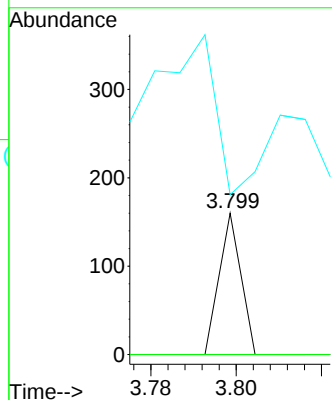
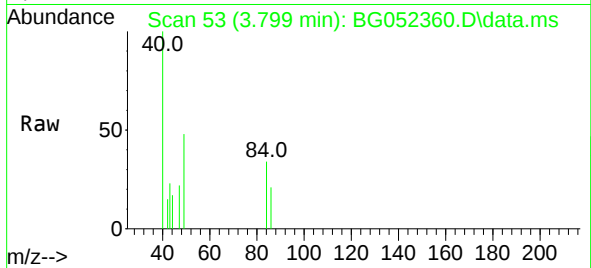




#4
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.799 min Scan# 51
Delta R.T. -0.101 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

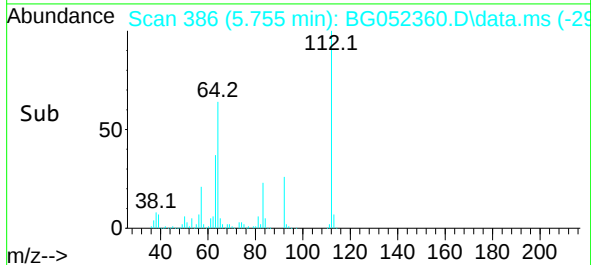
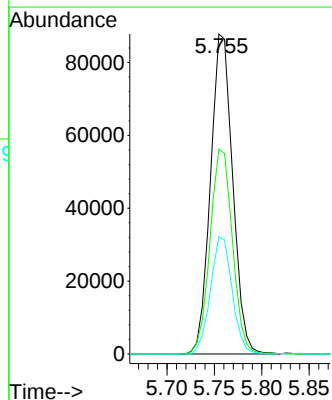
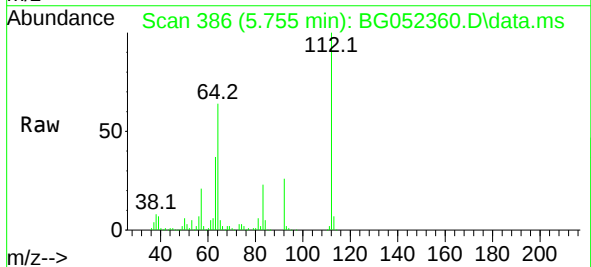
Instrument :
BNA_G
ClientSampleId :
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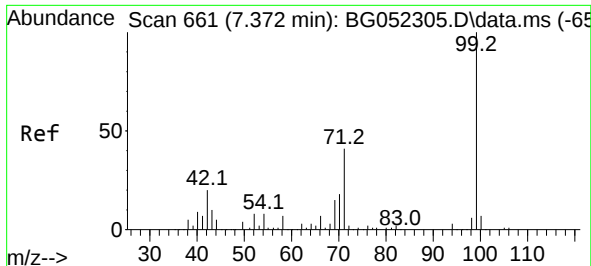
Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
74 0.0 83.0 124.4#
44 113.1 5.0 7.6#



#5
2-Fluorophenol
Concen: 89.629 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 112 Resp: 142904
Ion Ratio Lower Upper
112 100
64 64.0 60.4 90.6
63 36.6 33.3 49.9

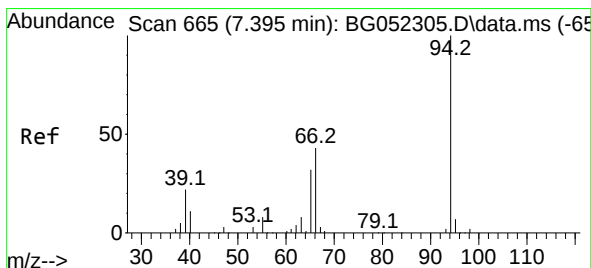
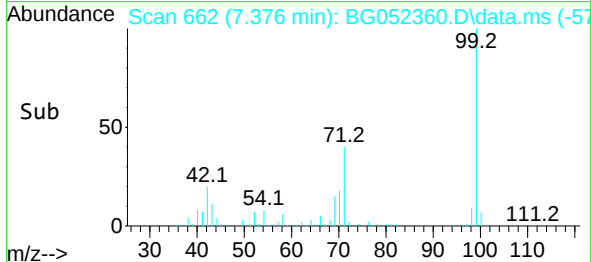
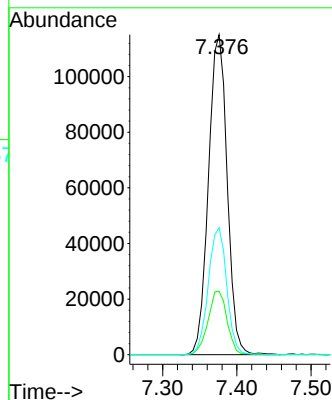
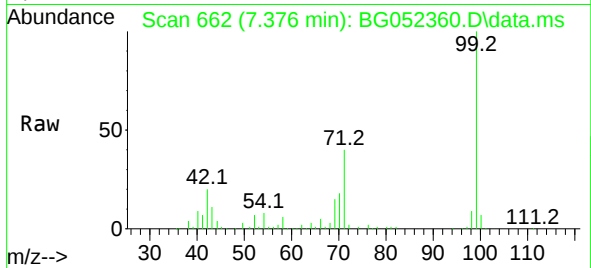




#7
Phenol-d6
Concen: 81.841 ng
RT: 7.376 min Scan# 661
Delta R.T. 0.005 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

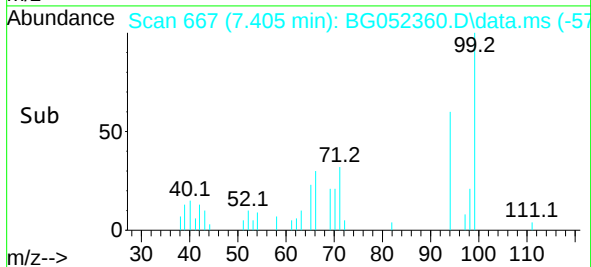
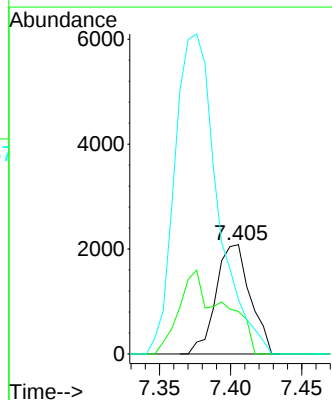
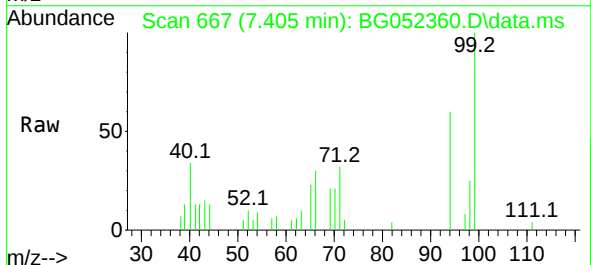
Instrument :
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ClientSampleId :
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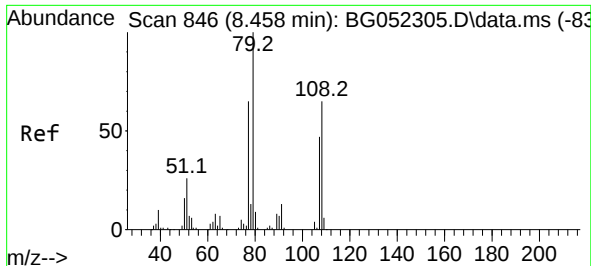
Tgt Ion: 99 Resp: 201334
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 39.7 33.4 50.2



#10
Phenol
Concen: 1.427 ng
RT: 7.405 min Scan# 667
Delta R.T. 0.010 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 94 Resp: 3489
Ion Ratio Lower Upper
94 100
65 39.0 14.1 54.1
66 49.8 26.6 66.6

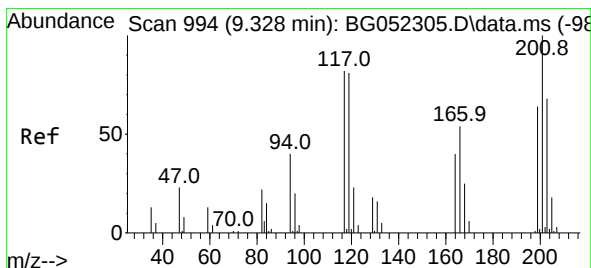
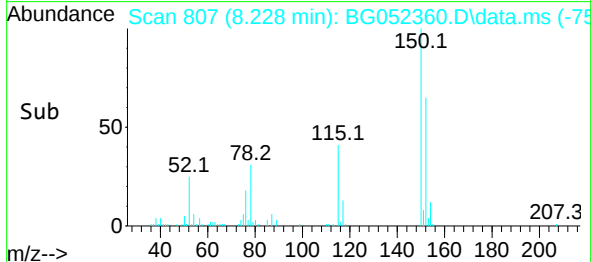
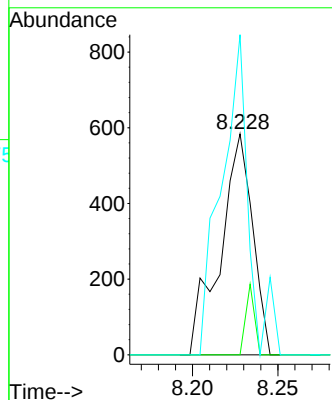
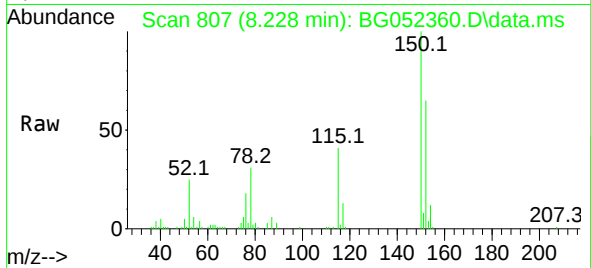




#15
Benzyl Alcohol
Concen: 0.380 ng
RT: 8.228 min Scan# 807
Delta R.T. -0.230 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

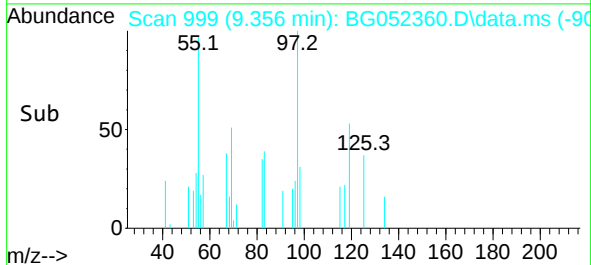
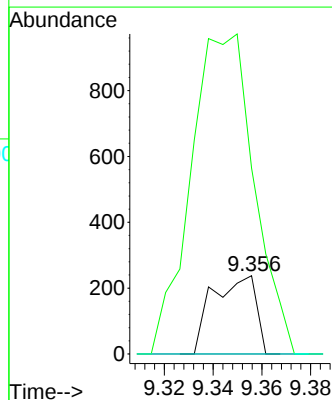
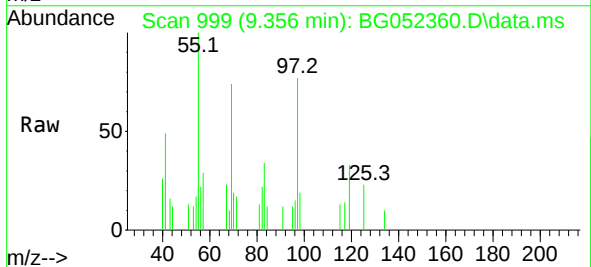
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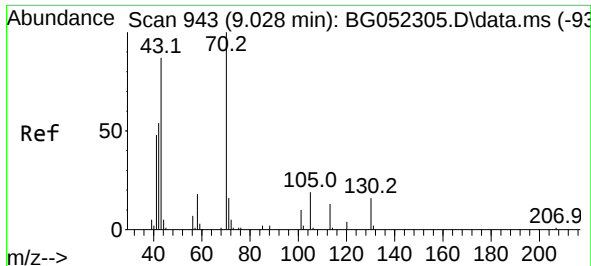
Tgt Ion: 79 Resp: 775
Ion Ratio Lower Upper
79 100
108 0.0 53.8 80.6#
77 144.9 54.4 81.6#



#18
Hexachloroethane
Concen: 0.412 ng
RT: 9.356 min Scan# 999
Delta R.T. 0.028 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 117 Resp: 292
Ion Ratio Lower Upper
117 100
119 237.4 73.5 110.3#
201 0.0 91.0 136.6#



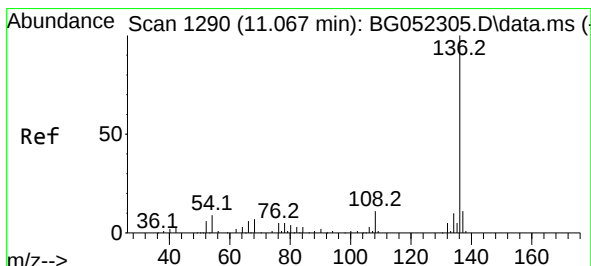
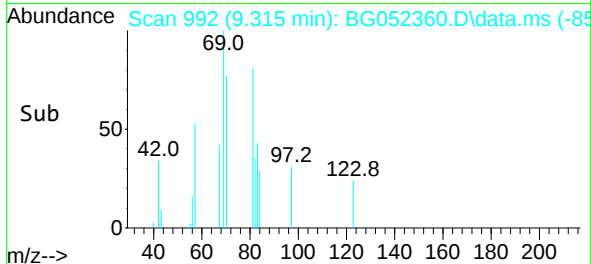
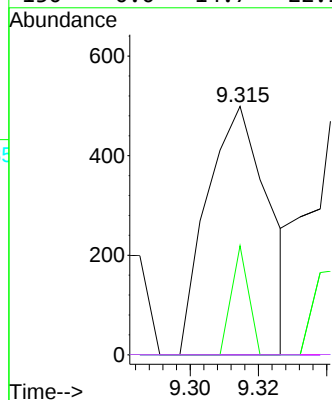
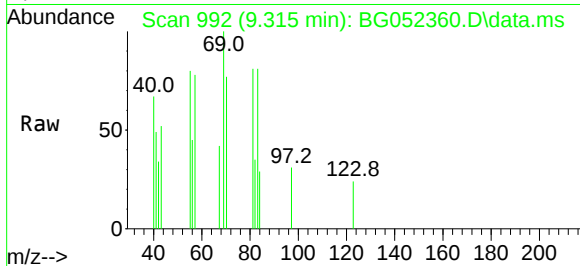


#19
n-Nitroso-di-n-propylamine
Concen: 0.339 ng
RT: 9.315 min Scan# 943
Delta R.T. 0.286 min
Lab File: BG052360.D
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Instrument :
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Tgt Ion: 70 Resp: 629

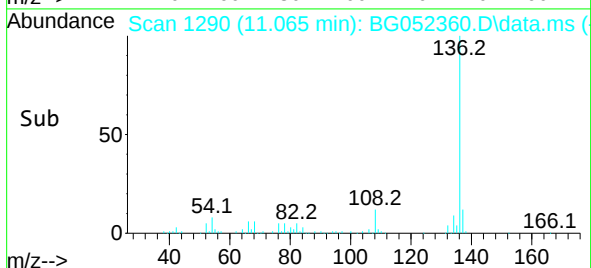
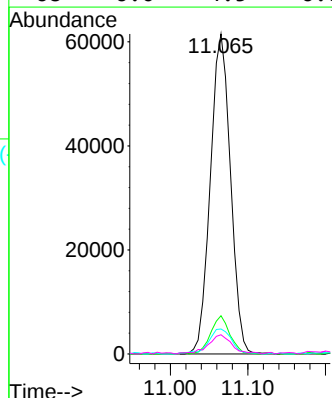
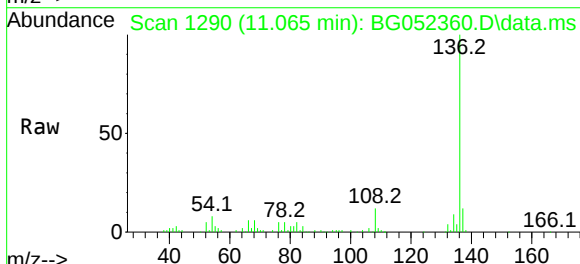
Ion	Ratio	Lower	Upper
70	100		
42	43.9	51.8	77.6#
101	0.0	6.6	10.0#
130	0.0	14.7	22.1#

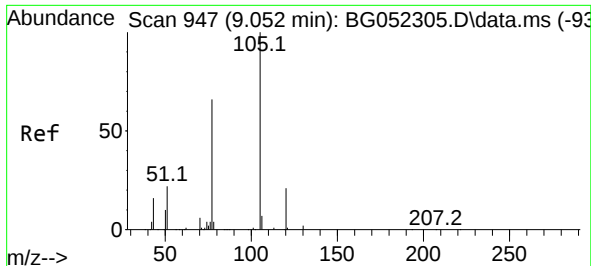


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.065 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 136 Resp: 111008

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	7.8	8.3	12.5#
68	6.0	4.5	6.7

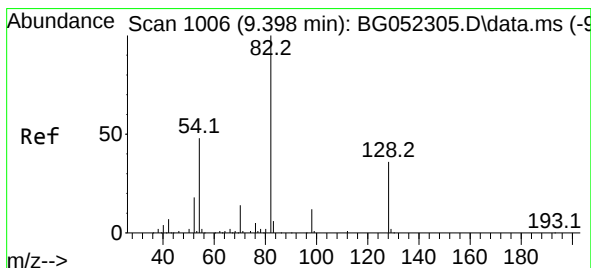
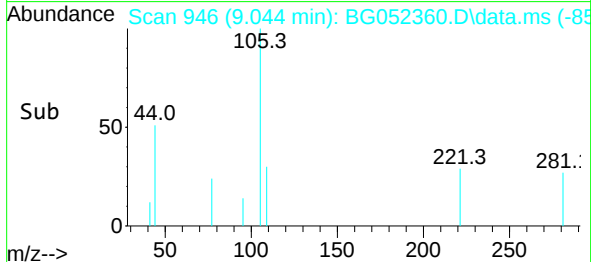
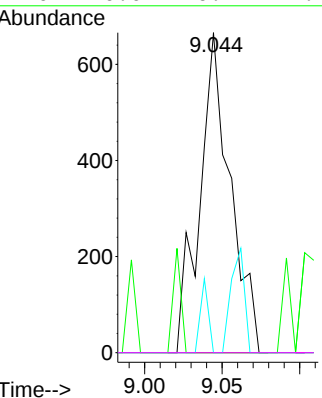
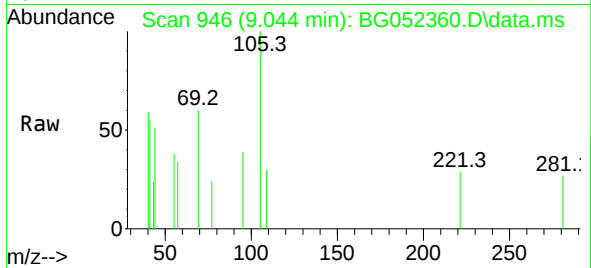




#22
Acetophenone
Concen: 0.312 ng
RT: 9.044 min Scan# 947
Delta R.T. -0.007 min
Lab File: BG052360.D
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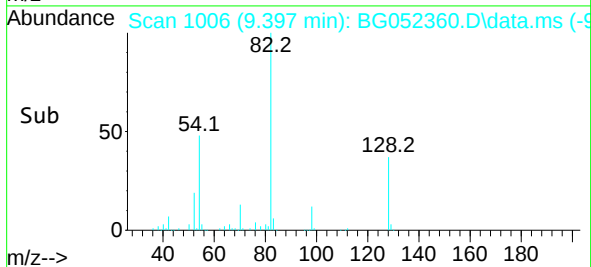
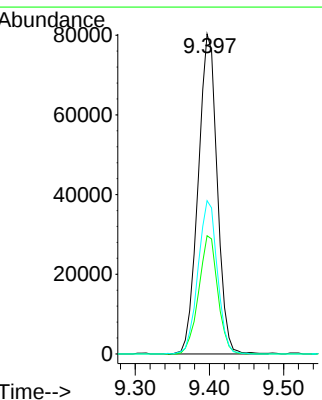
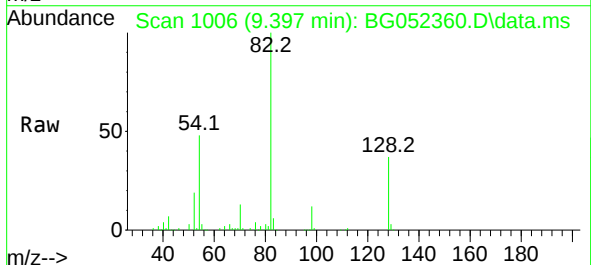
Instrument :
BNA_G
ClientSampleId :
TP-5

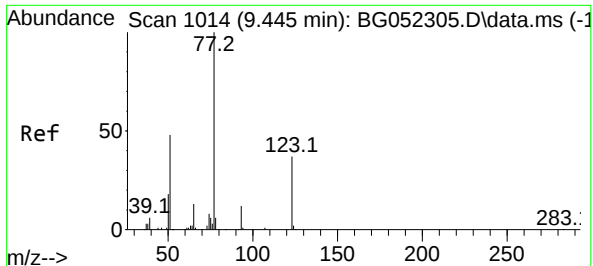
Tgt Ion:	105	Resp:	914
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.8	2.6#
51	0.0	27.0	40.4#
120	0.0	16.2	24.4#



#23
Nitrobenzene-d5
Concen: 56.007 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:	82	Resp:	143053
Ion	Ratio	Lower	Upper
82	100		
128	37.0	27.0	40.4
54	47.9	41.0	61.6

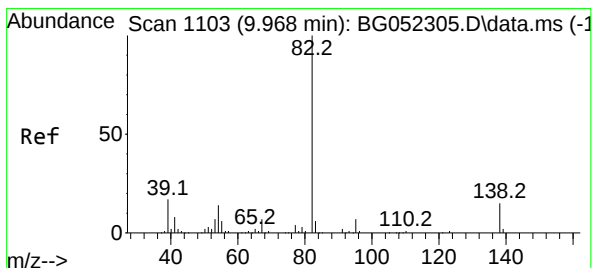
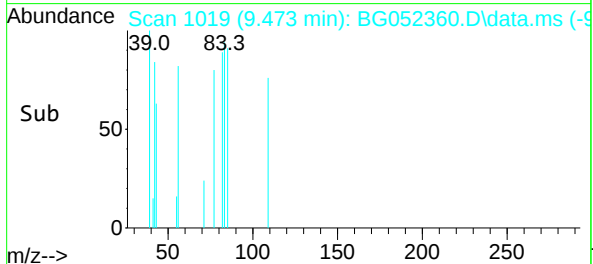
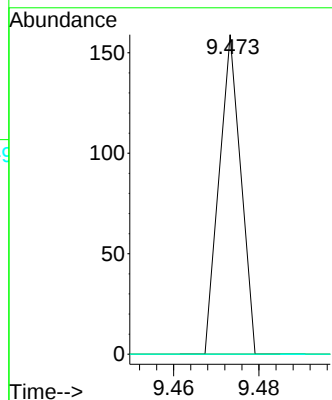
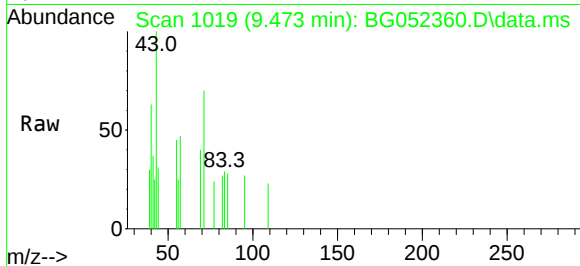




#24
Nitrobenzene
Concen: 0.023 ng
RT: 9.473 min Scan# 1014
Delta R.T. 0.028 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

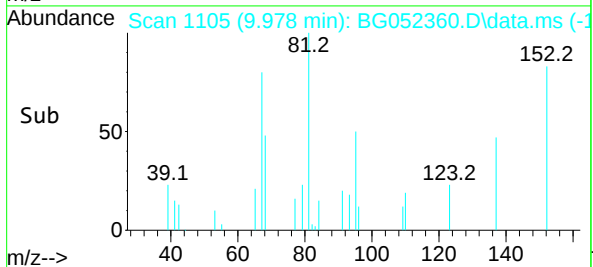
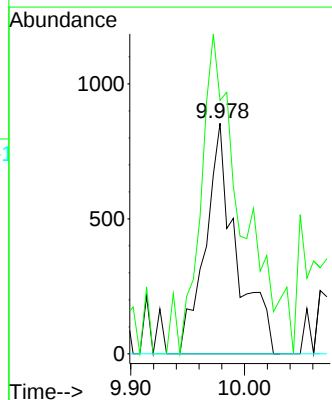
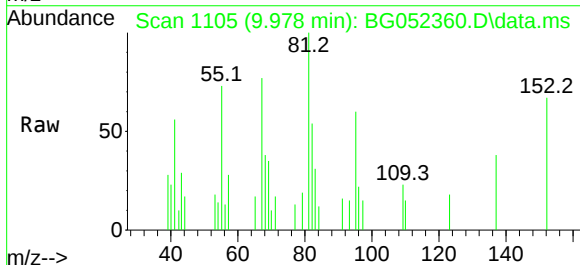
Instrument :
BNA_G
ClientSampleId :
TP-5

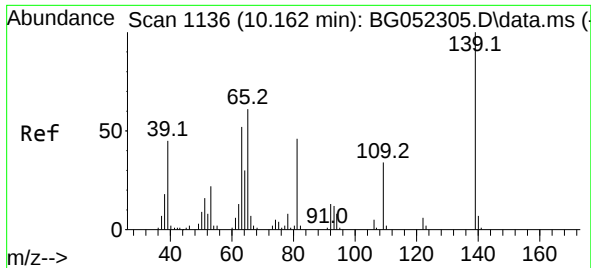
Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
123 0.0 27.1 40.7#
65 0.0 11.2 16.8#



#25
Isophorone
Concen: 0.371 ng
RT: 9.978 min Scan# 1105
Delta R.T. 0.010 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 82 Resp: 1612
Ion Ratio Lower Upper
82 100
95 110.0 6.6 9.8#
138 0.0 12.5 18.7#

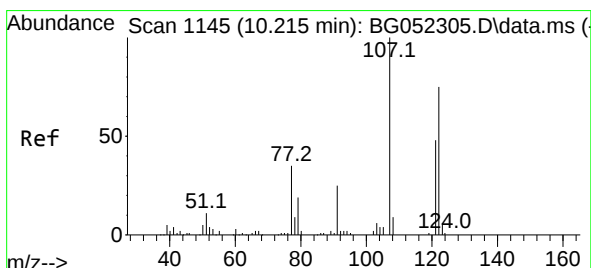
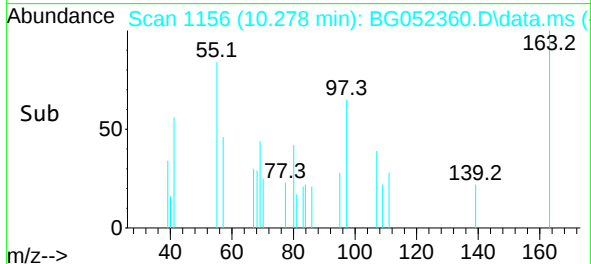
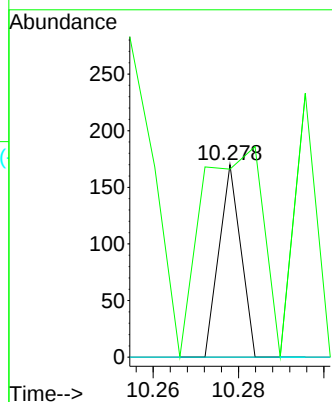
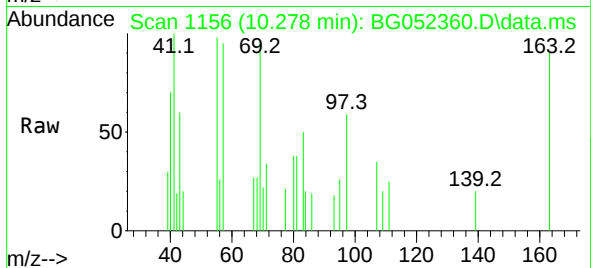




#26
2-Nitrophenol
Concen: 0.058 ng
RT: 10.278 min Scan# 1136
Delta R.T. 0.116 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

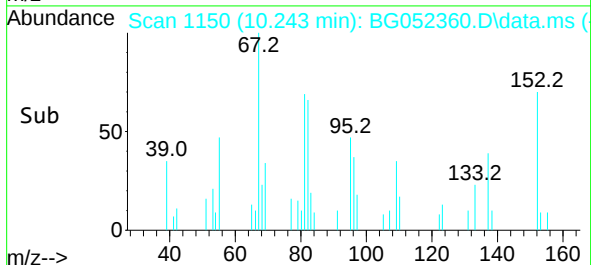
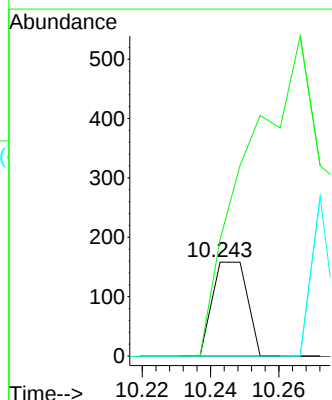
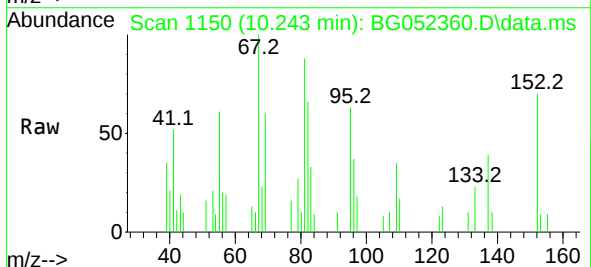
Instrument :
BNA_G
ClientSampleId :
TP-5

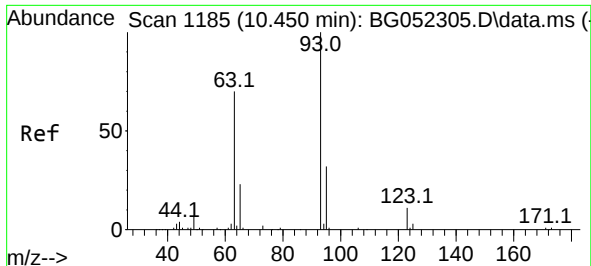
Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 97.6 30.4 45.6#
65 0.0 55.7 83.5#



#27
2,4-Dimethylphenol
Concen: 0.073 ng
RT: 10.243 min Scan# 1150
Delta R.T. 0.028 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
107 124.1 105.8 158.8
121 0.0 48.6 72.8#

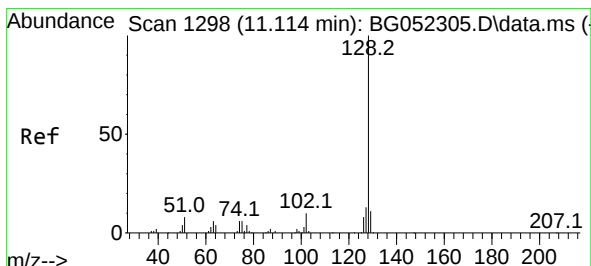
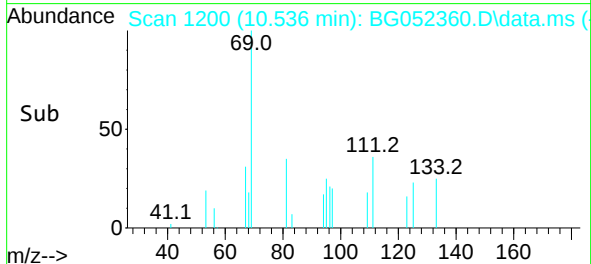
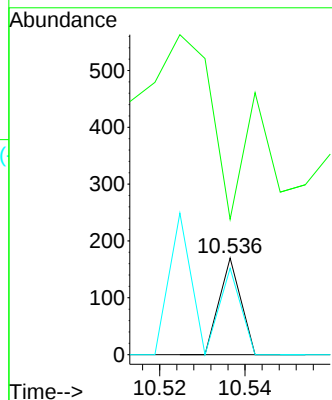
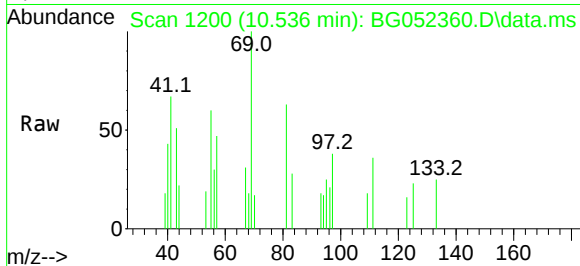




#28
bis(2-Chloroethoxy)methane
Concen: 0.024 ng
RT: 10.536 min Scan# 1185
Delta R.T. 0.087 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

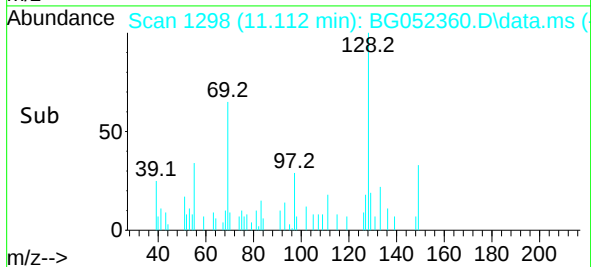
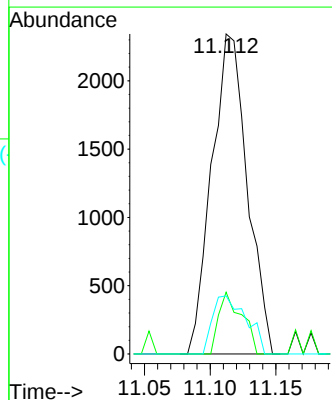
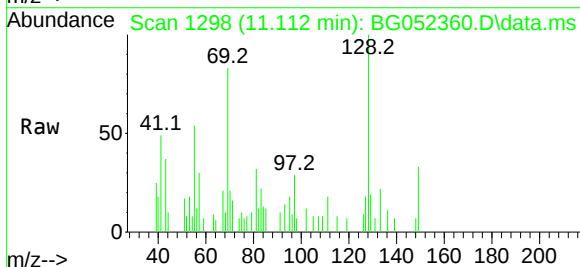
Instrument :
BNA_G
ClientSampleId :
TP-5

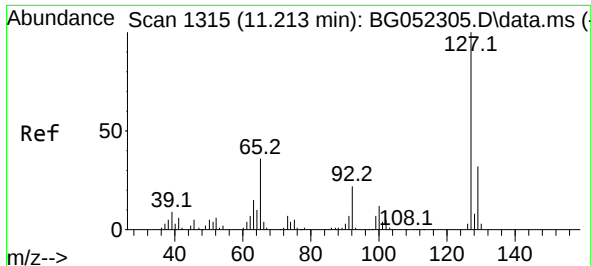
Tgt Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
95 140.0 26.1 39.1#
123 89.4 7.6 11.4#



#31
Naphthalene
Concen: 0.758 ng
RT: 11.112 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 128 Resp: 4409
Ion Ratio Lower Upper
128 100
129 19.3 9.8 14.6#
127 18.1 12.0 18.0#

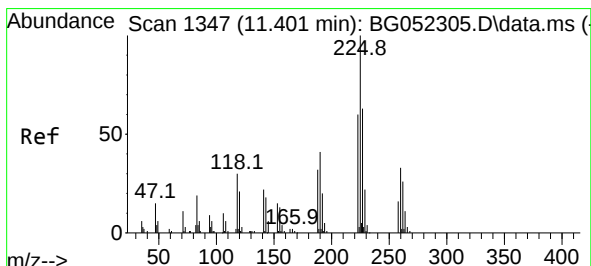
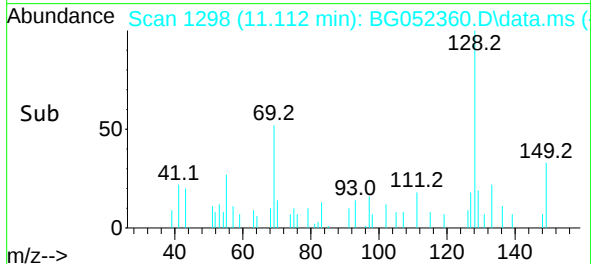
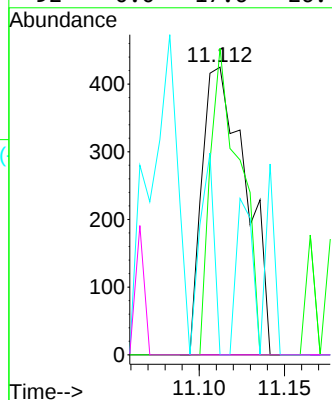
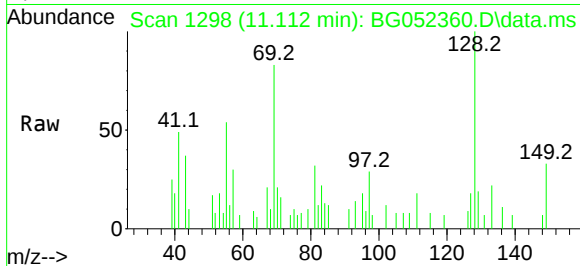




#33
4-Chloroaniline
Concen: 0.312 ng
RT: 11.112 min Scan# 11
Delta R.T. -0.101 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

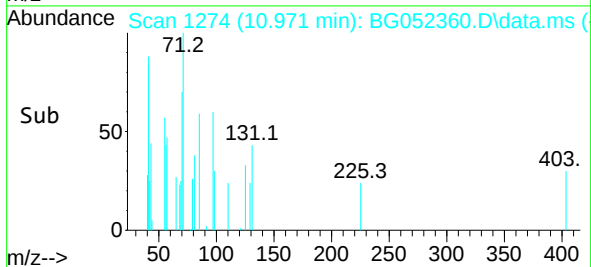
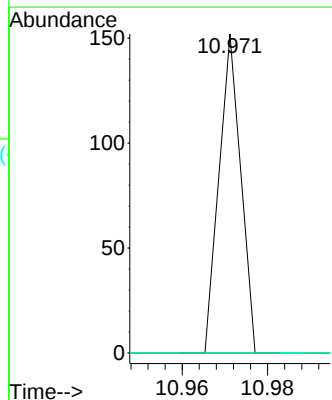
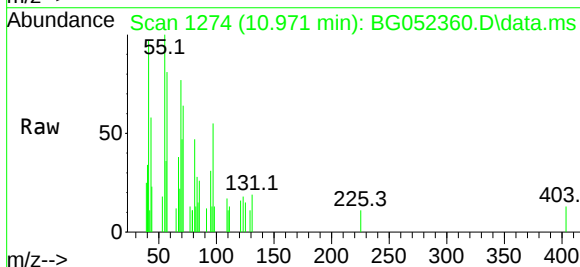
Instrument :
BNA_G
ClientSampleId :
TP-5

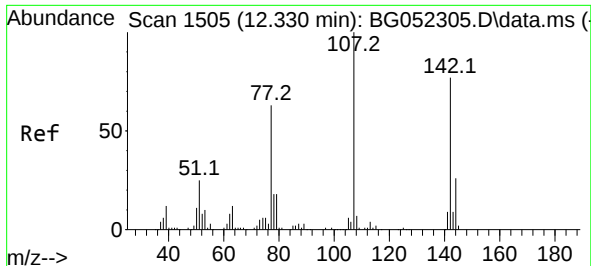
Tgt Ion:127	Resp:	757
Ion	Ratio	Lower Upper
127	100	
129	106.6	27.0 40.6#
65	0.0	28.7 43.1#
92	0.0	17.6 26.4#



#34
Hexachlorobutadiene
Concen: 0.038 ng
RT: 10.971 min Scan# 1274
Delta R.T. -0.430 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:225	Resp:	54
Ion	Ratio	Lower Upper
225	100	
223	0.0	51.6 77.4#
227	0.0	53.9 80.9#

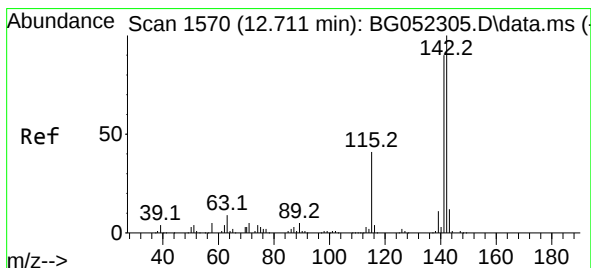
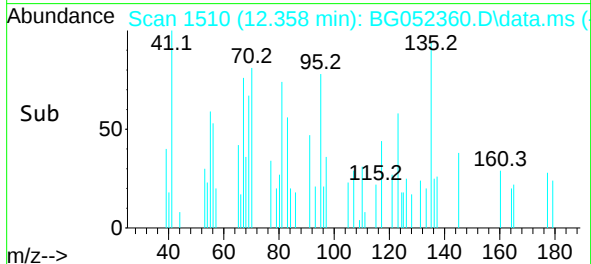
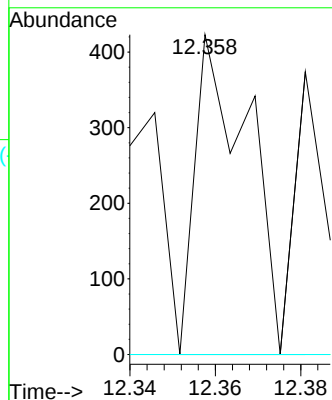
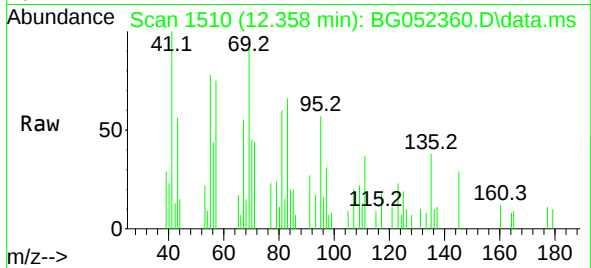




#36
4-Chloro-3-methylphenol
Concen: 0.175 ng
RT: 12.358 min Scan# 11
Delta R.T. 0.028 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

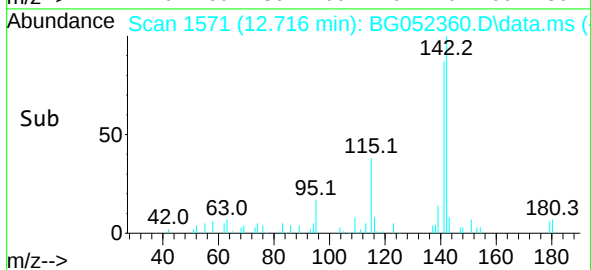
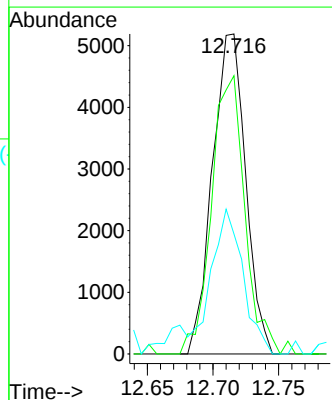
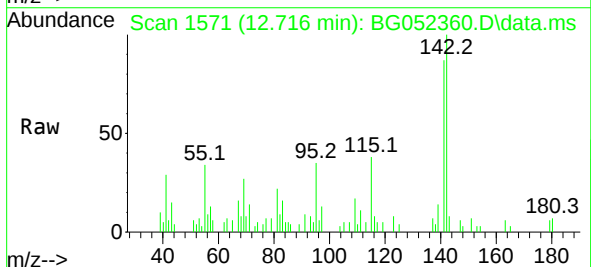
Instrument :
BNA_G
ClientSampleId :
TP-5

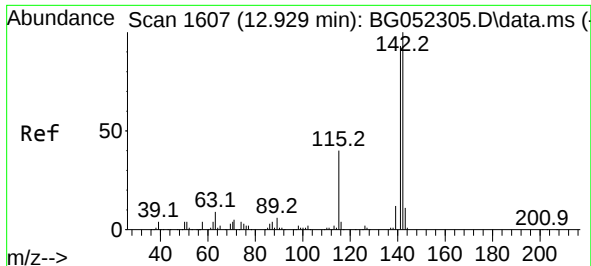
Tgt Ion:107 Resp: 363
Ion Ratio Lower Upper
107 100
144 0.0 19.3 28.9#
142 0.0 63.9 95.9#



#37
2-Methylnaphthalene
Concen: 2.113 ng
RT: 12.716 min Scan# 1571
Delta R.T. 0.004 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:142 Resp: 9135
Ion Ratio Lower Upper
142 100
141 86.9 71.7 107.5
115 37.5 32.2 48.4

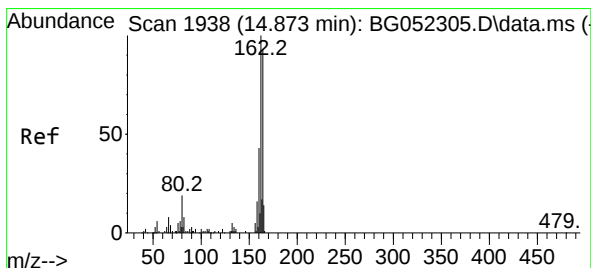
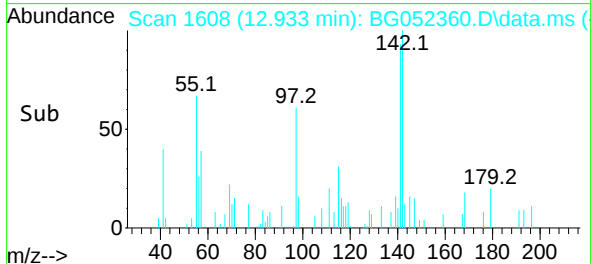
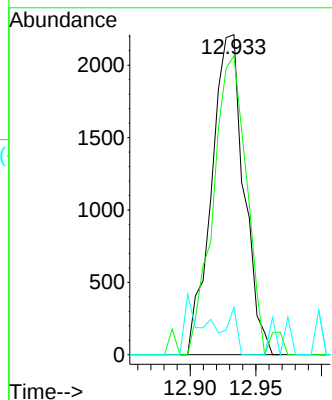
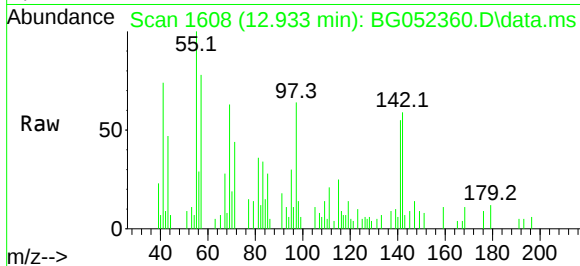




#38
1-Methylnaphthalene
Concen: 0.908 ng
RT: 12.933 min Scan# 1608
Delta R.T. 0.004 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

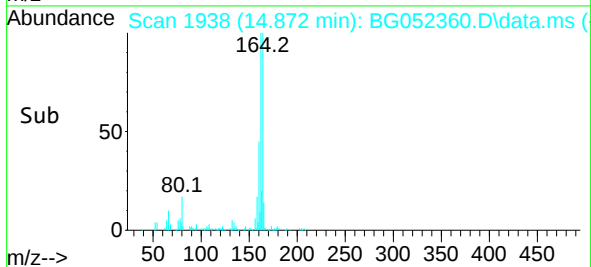
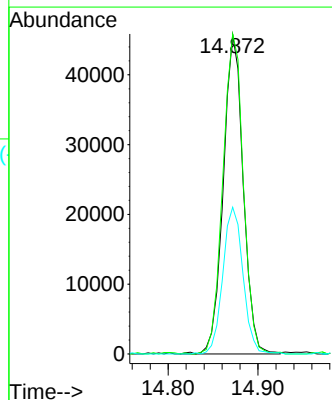
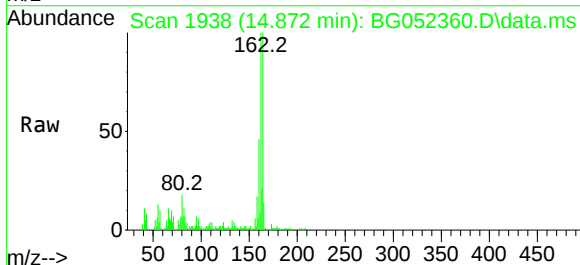
Instrument :
BNA_G
ClientSampleId :
TP-5

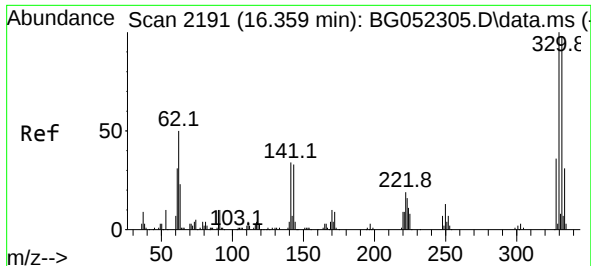
Tgt Ion:142 Resp: 3804
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4
116 14.8 4.2 6.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:164 Resp: 70532
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 46.0 36.2 54.2

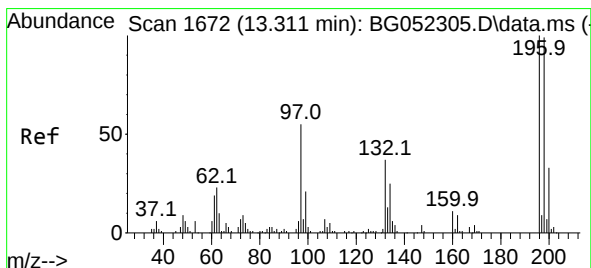
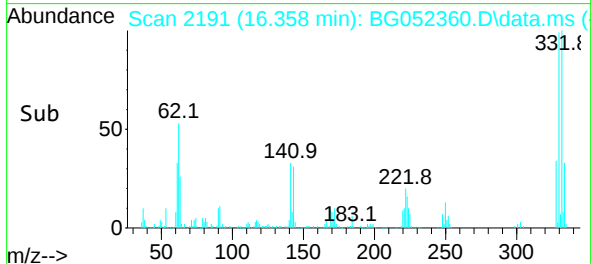
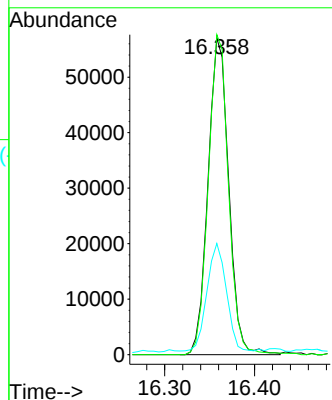
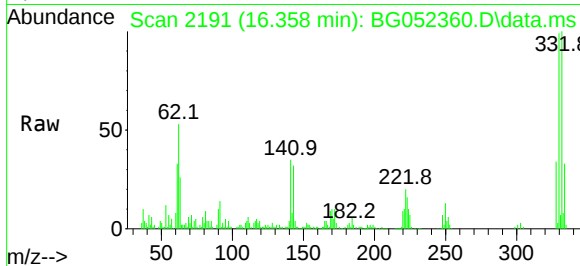




#42
2,4,6-Tribromophenol
Concen: 90.238 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

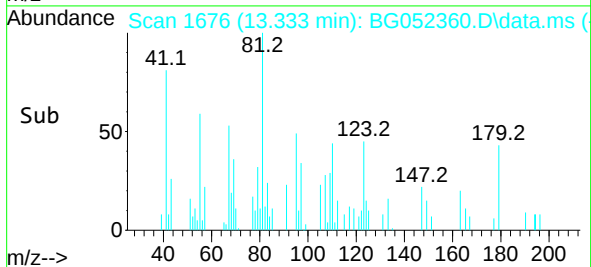
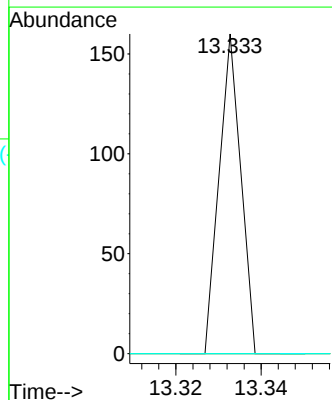
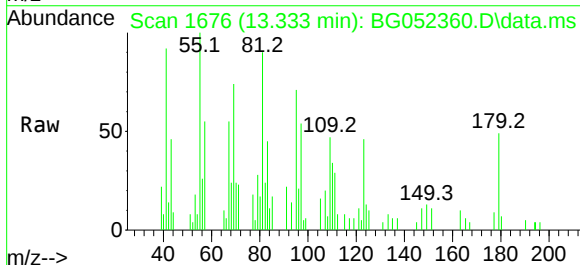
Instrument :
BNA_G
ClientSampleId :
TP-5

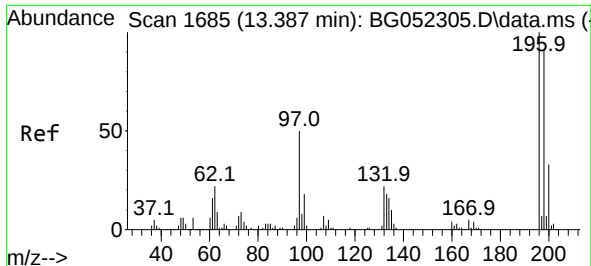
Tgt Ion:330 Resp: 91439
Ion Ratio Lower Upper
330 100
332 98.3 78.6 117.8
141 31.6 28.8 43.2



#43
2,4,6-Trichlorophenol
Concen: 0.037 ng
RT: 13.333 min Scan# 1676
Delta R.T. 0.022 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:196 Resp: 56
Ion Ratio Lower Upper
196 100
198 0.0 78.4 117.6#
200 0.0 28.5 42.7#

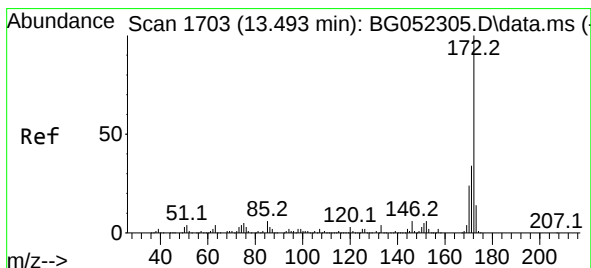
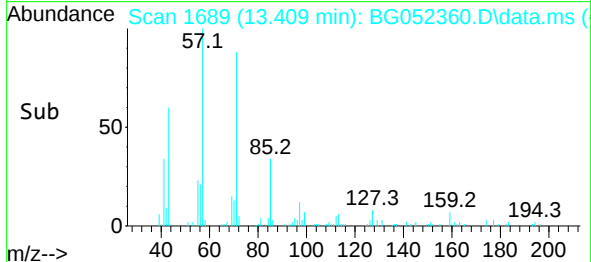
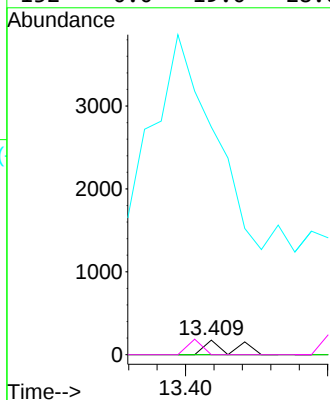
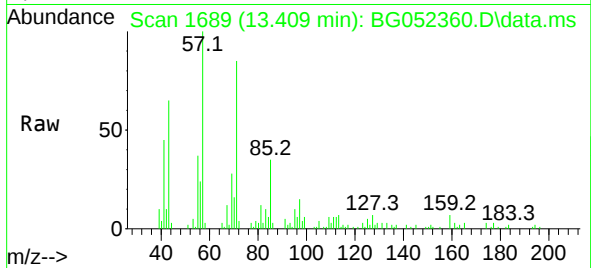




#44
2,4,5-Trichlorophenol
Concen: 0.071 ng
RT: 13.409 min Scan# 1
Delta R.T. 0.022 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

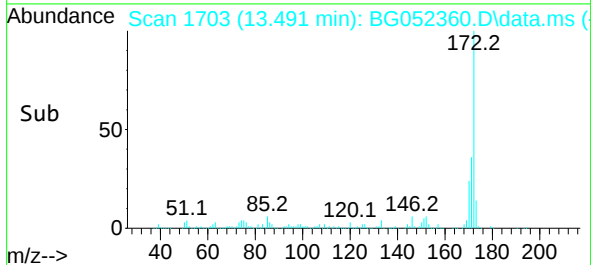
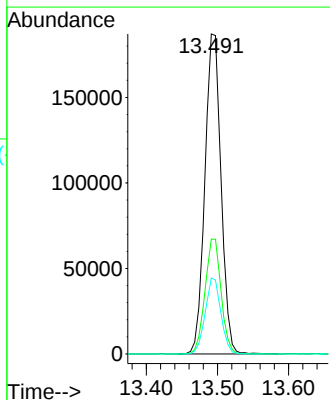
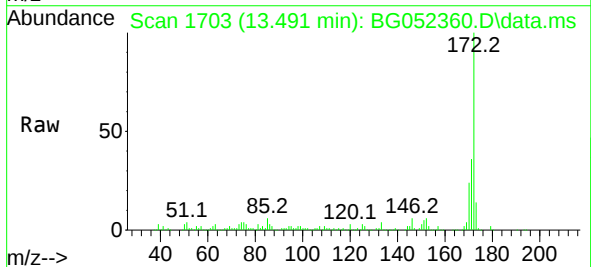
Instrument :
BNA_G
ClientSampleId :
TP-5

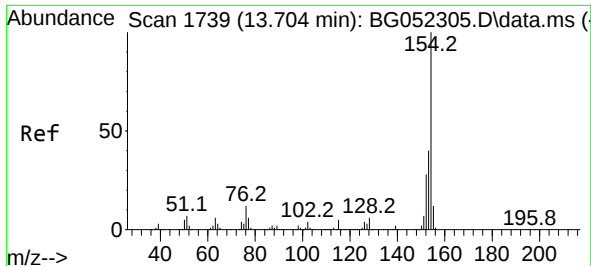
Tgt Ion:196 Resp: 116
Ion Ratio Lower Upper
196 100
198 0.0 78.6 118.0#
97 1569.7 43.8 65.8#
132 0.0 19.0 28.6#



#45
2-Fluorobiphenyl
Concen: 58.415 ng
RT: 13.491 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:172 Resp: 296513
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.8 18.3 27.5

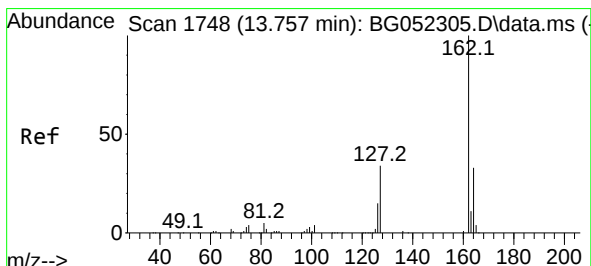
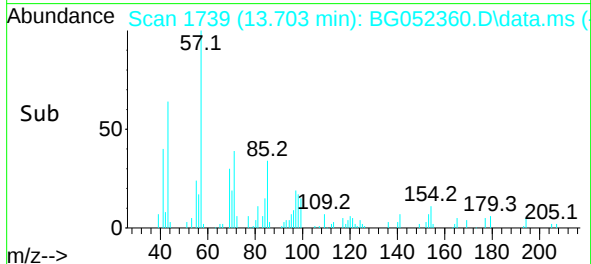
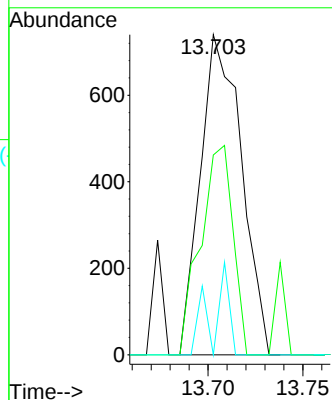
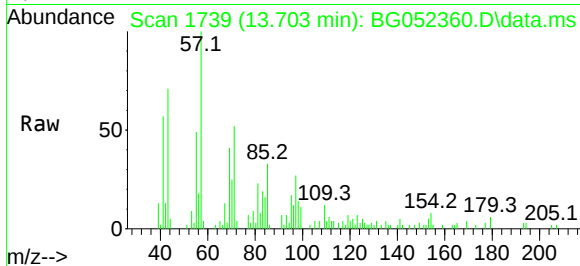




#46
1,1'-Biphenyl
Concen: 0.216 ng
RT: 13.703 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

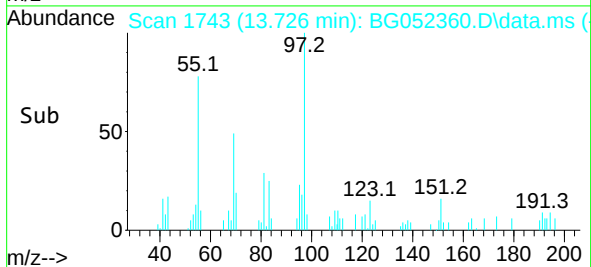
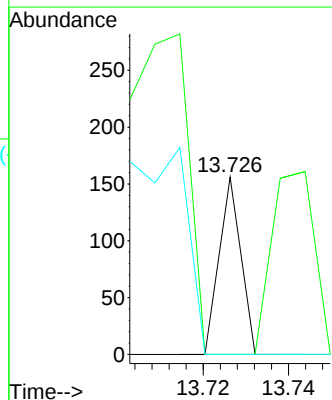
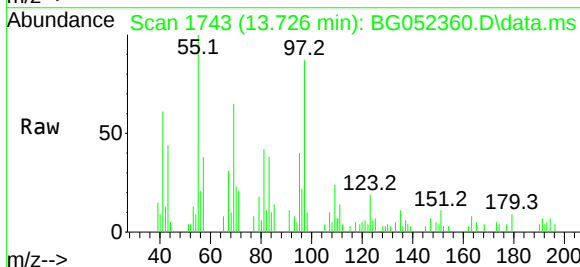
Instrument :
BNA_G
ClientSampleId :
TP-5

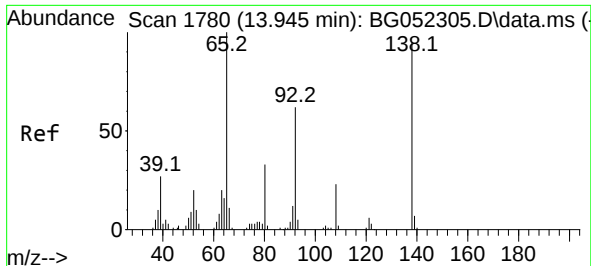
Tgt Ion:154 Resp: 1116
Ion Ratio Lower Upper
154 100
153 62.4 21.1 61.1#
76 0.0 0.0 32.6



#47
2-Chloronaphthalene
Concen: 0.014 ng
RT: 13.726 min Scan# 1743
Delta R.T. -0.031 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:162 Resp: 55
Ion Ratio Lower Upper
162 100
127 0.0 30.4 45.6#
164 0.0 25.0 37.4#

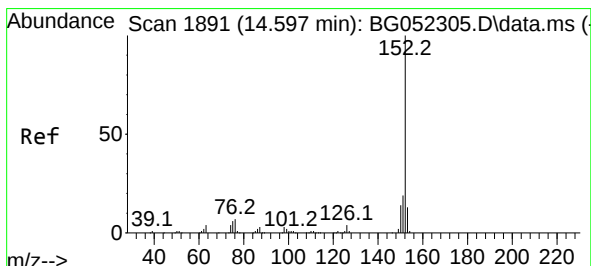
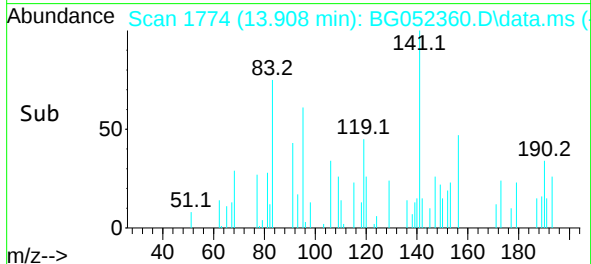
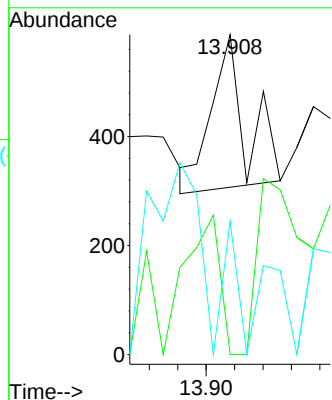
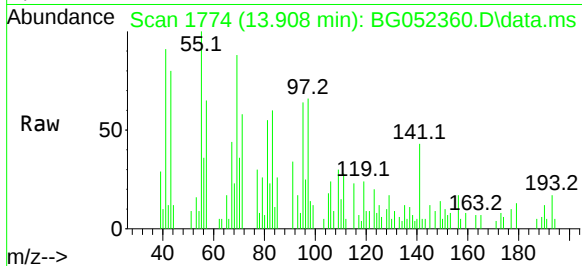




#48
2-Nitroaniline
Concen: 0.168 ng
RT: 13.908 min Scan# 1774
Delta R.T. -0.037 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

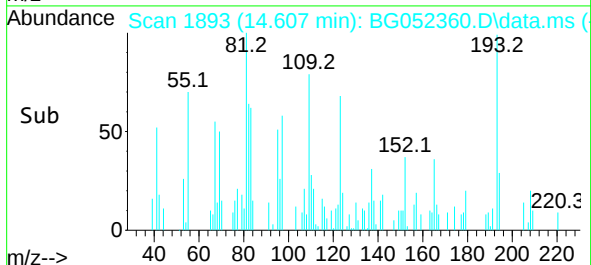
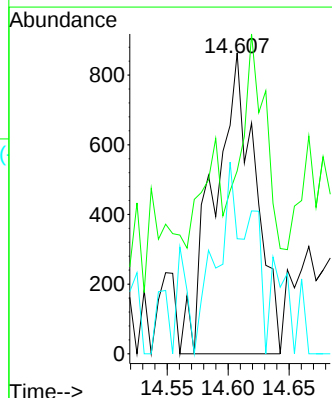
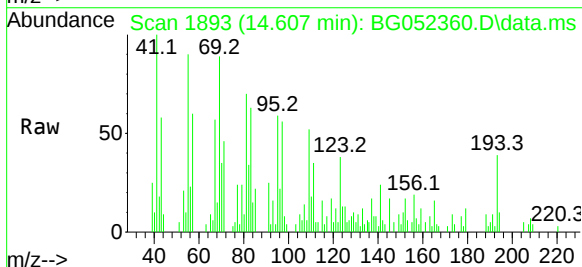
Instrument :
BNA_G
ClientSampleId :
TP-5

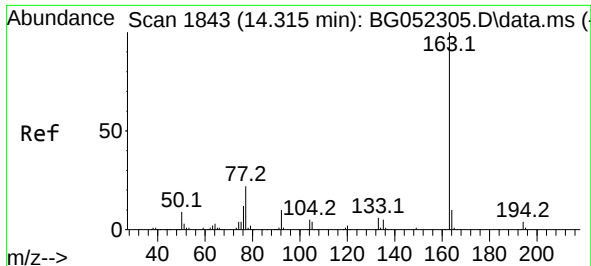
Tgt Ion: 65 Resp: 238
Ion Ratio Lower Upper
65 100
92 0.0 51.0 76.6#
138 41.6 72.4 108.6#



#49
Acenaphthylene
Concen: 0.312 ng
RT: 14.607 min Scan# 1893
Delta R.T. 0.010 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 152 Resp: 2023
Ion Ratio Lower Upper
152 100
151 60.8 16.1 24.1#
153 38.2 10.8 16.2#

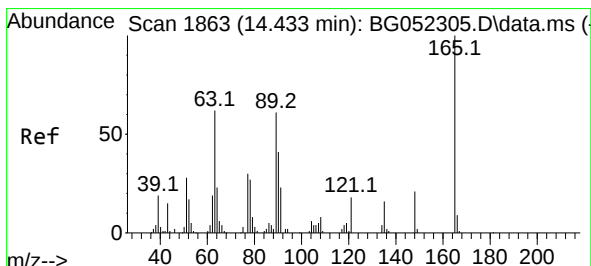
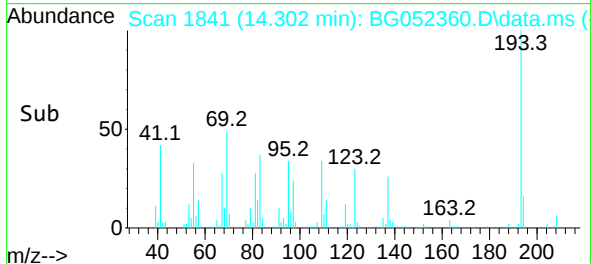
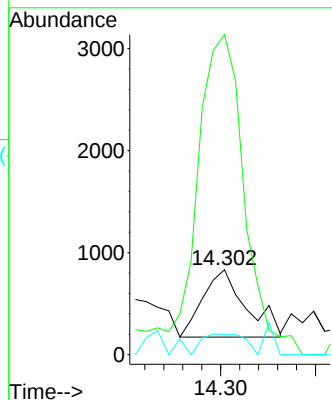
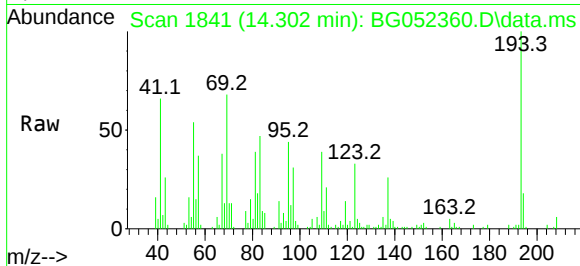




#50
Dimethylphthalate
Concen: 0.193 ng
RT: 14.302 min Scan# 1841
Delta R.T. -0.013 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

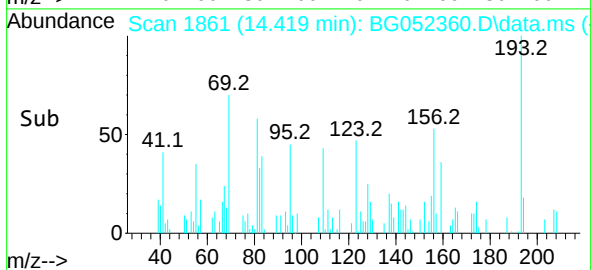
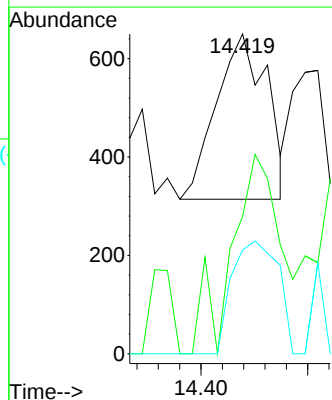
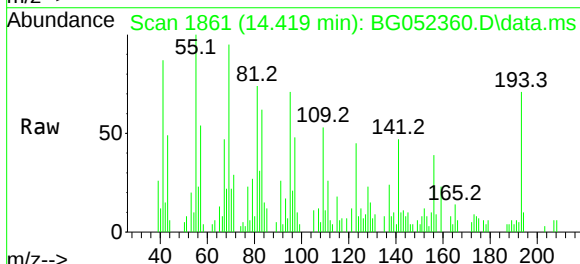
Instrument :
BNA_G
ClientSampleId :
TP-5

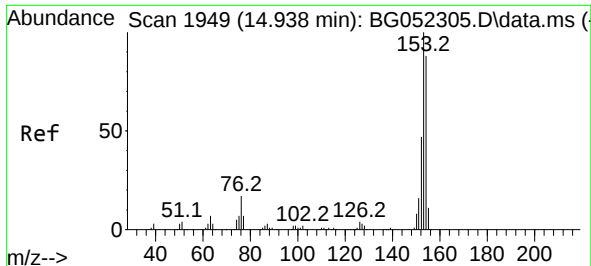
Tgt Ion:163 Resp: 1043
Ion Ratio Lower Upper
163 100
194 376.6 3.4 5.2#
164 23.9 8.4 12.6#



#51
2,6-Dinitrotoluene
Concen: 0.474 ng
RT: 14.419 min Scan# 1861
Delta R.T. -0.013 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:165 Resp: 553
Ion Ratio Lower Upper
165 100
63 42.9 59.0 88.4#
89 32.5 49.4 74.0#

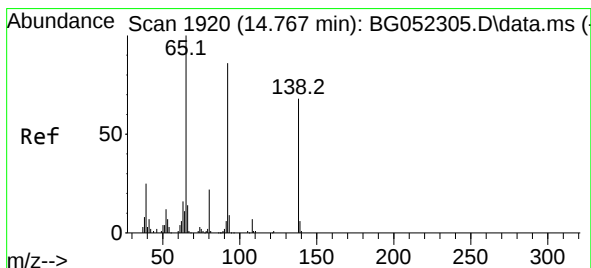
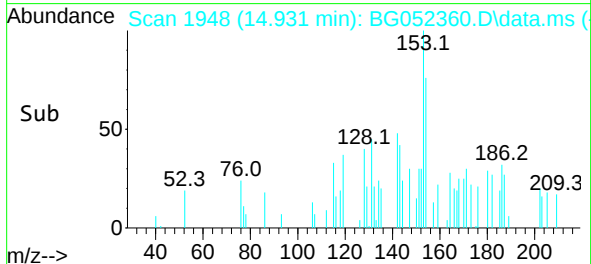
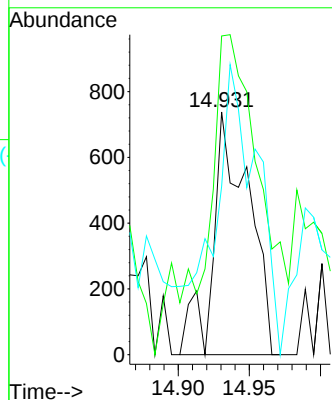
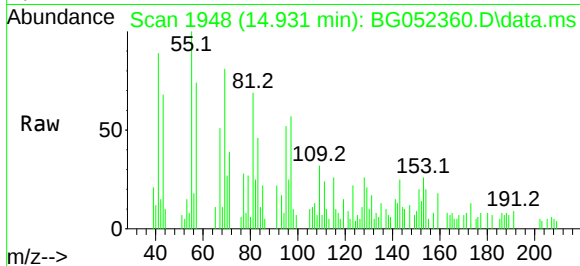




#52
Acenaphthene
Concen: 0.305 ng
RT: 14.931 min Scan# 1948
Delta R.T. -0.007 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

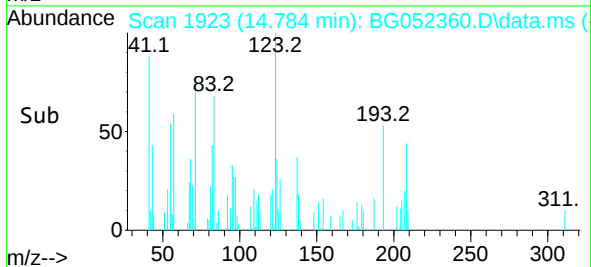
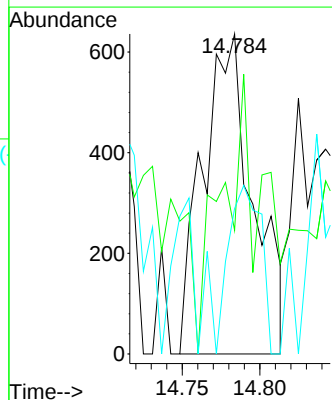
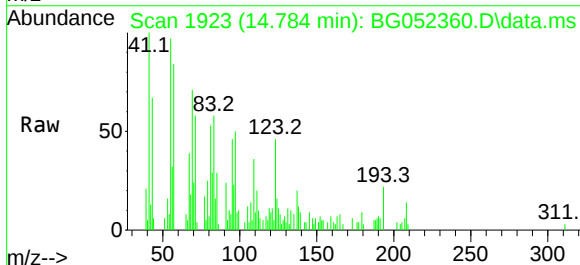
Instrument :
BNA_G
ClientSampleId :
TP-5

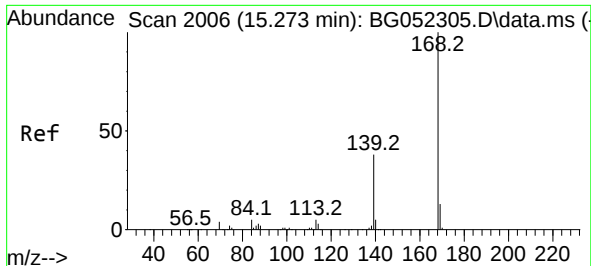
Tgt Ion:154 Resp: 1295
Ion Ratio Lower Upper
154 100
153 131.3 91.9 137.9
152 69.4 43.4 65.2#



#53
3-Nitroaniline
Concen: 1.183 ng
RT: 14.784 min Scan# 1923
Delta R.T. 0.016 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:138 Resp: 1434
Ion Ratio Lower Upper
138 100
108 38.7 7.8 11.8#
92 45.4 100.4 150.6#

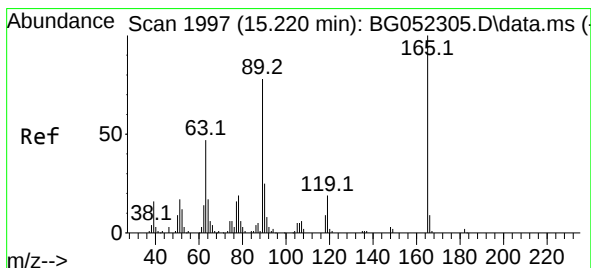
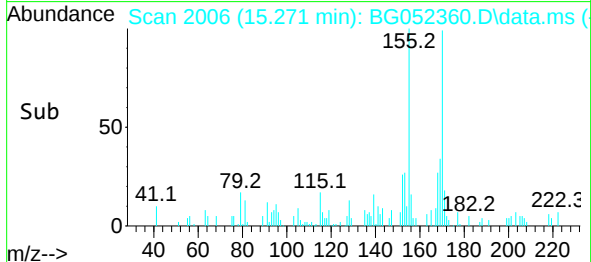
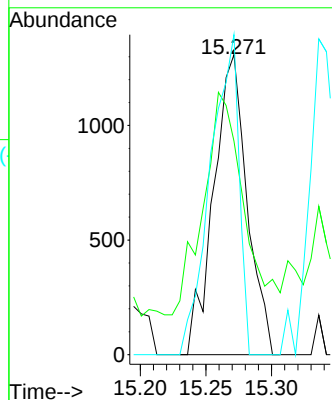
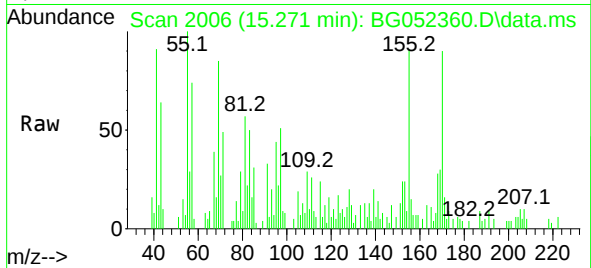




#55
Dibenzenofuran
Concen: 0.346 ng
RT: 15.271 min Scan# 2002
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

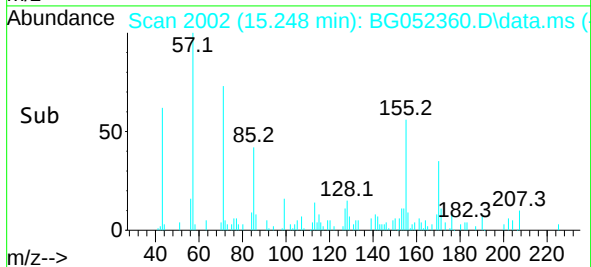
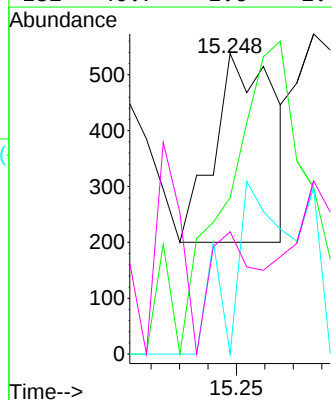
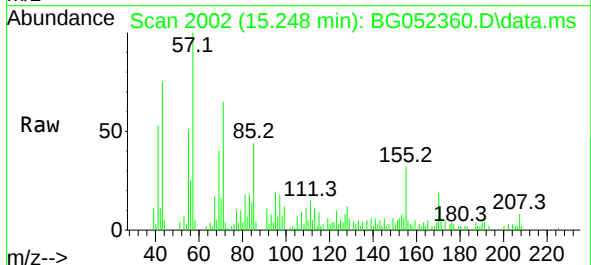
Instrument :
BNA_G
ClientSampleId :
TP-5

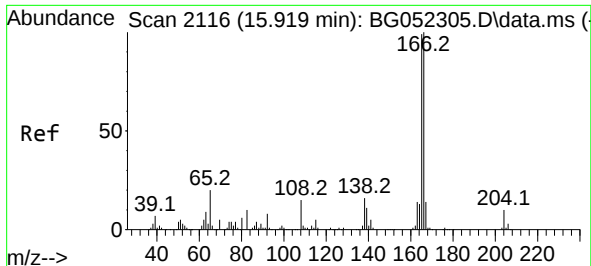
Tgt Ion:168 Resp: 2313
Ion Ratio Lower Upper
168 100
139 71.2 30.7 46.1#
169 106.6 10.9 16.3#



#57
2,4-Dinitrotoluene
Concen: 0.299 ng
RT: 15.248 min Scan# 2002
Delta R.T. 0.028 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:165 Resp: 496
Ion Ratio Lower Upper
165 100
63 52.0 44.6 66.8
89 0.0 67.4 101.0#
182 40.7 1.6 2.4#

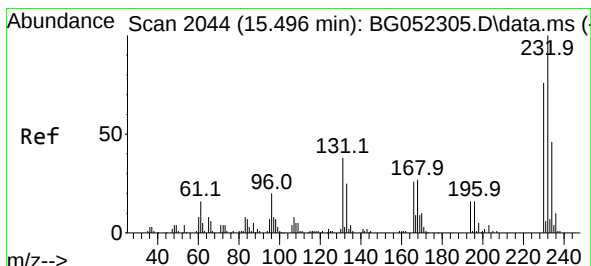
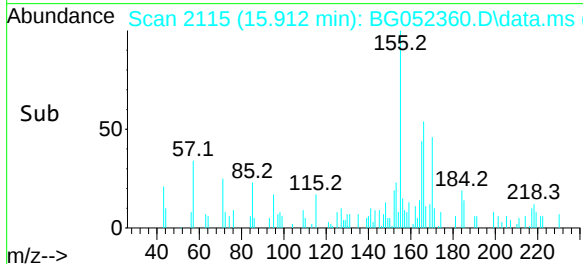
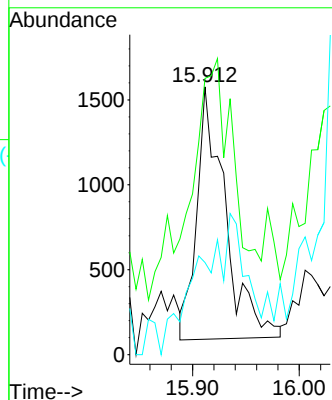
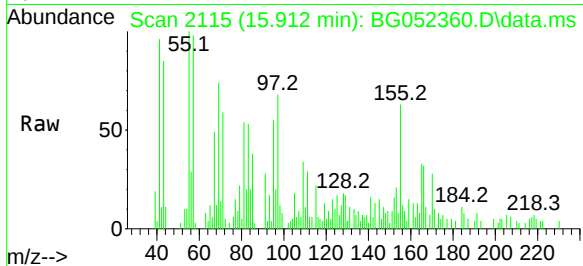




#58
Fluorene
Concen: 0.516 ng
RT: 15.912 min Scan# 2116
Delta R.T. -0.007 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

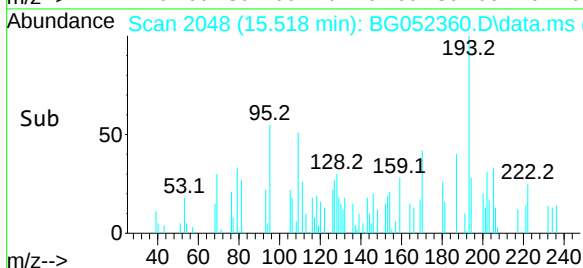
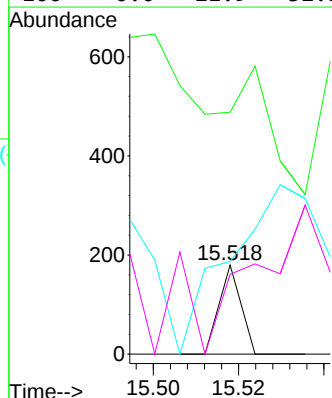
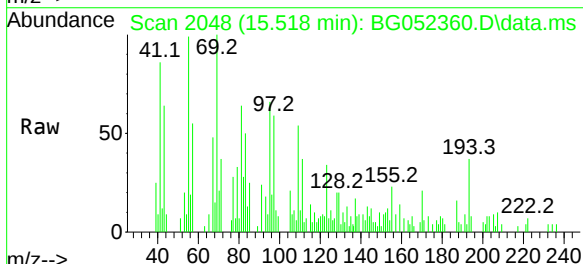
Instrument :
BNA_G
ClientSampleId :
TP-5

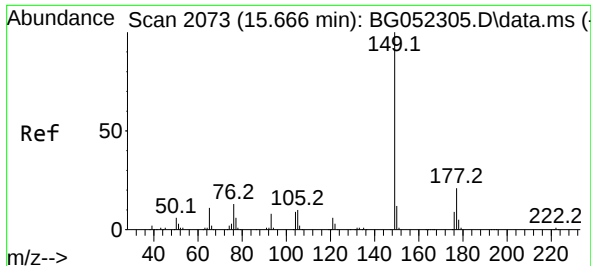
Tgt Ion:166 Resp: 2752
Ion Ratio Lower Upper
166 100
165 103.2 80.0 120.0
167 34.4 11.1 16.7#



#59
2,3,4,6-Tetrachlorophenol
Concen: 0.040 ng
RT: 15.518 min Scan# 2048
Delta R.T. 0.022 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:232 Resp: 63
Ion Ratio Lower Upper
232 100
131 0.0 32.2 48.4#
130 0.0 2.2 3.4#
166 0.0 21.9 32.9#

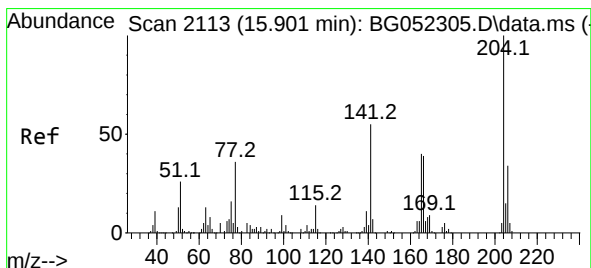
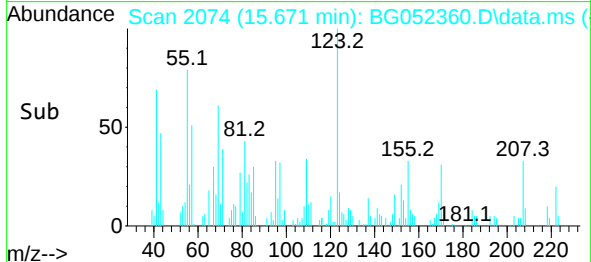
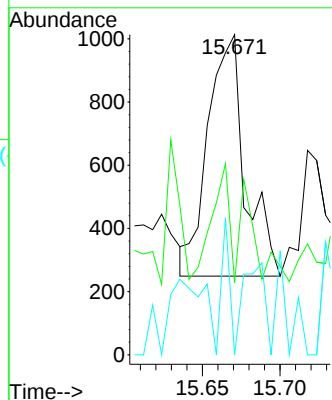
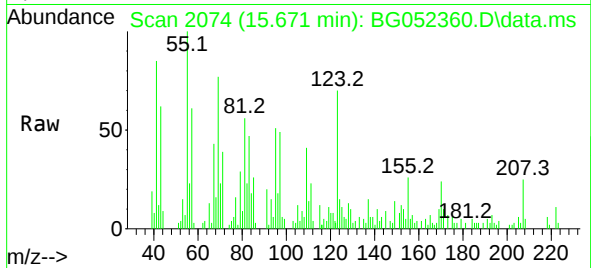




#60
Diethylphthalate
Concen: 0.232 ng
RT: 15.671 min Scan# 2073
Delta R.T. 0.004 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

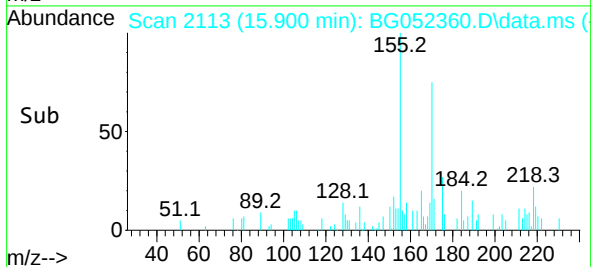
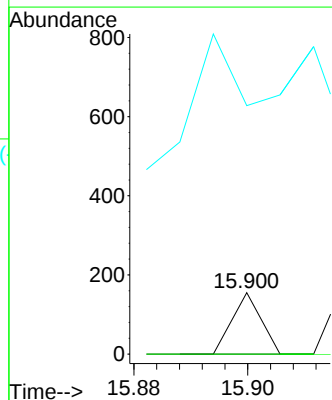
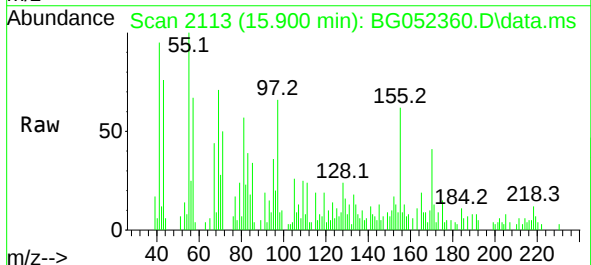
Instrument :
BNA_G
ClientSampleId :
TP-5

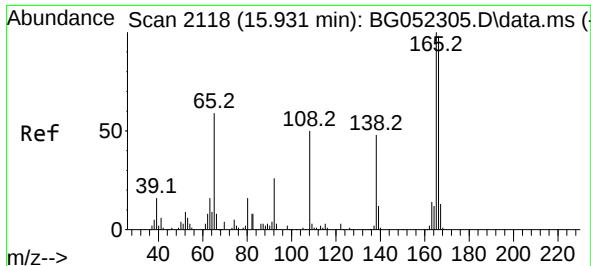
Tgt Ion:149 Resp: 1267
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 0.0 9.2 13.8#



#61
4-Chlorophenyl-phenylether
Concen: 0.018 ng
RT: 15.900 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:204 Resp: 55
Ion Ratio Lower Upper
204 100
206 0.0 28.4 42.6#
141 405.2 41.8 62.6#

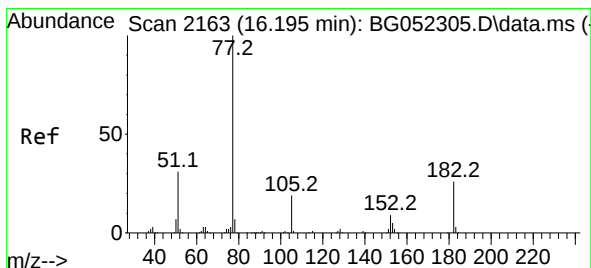
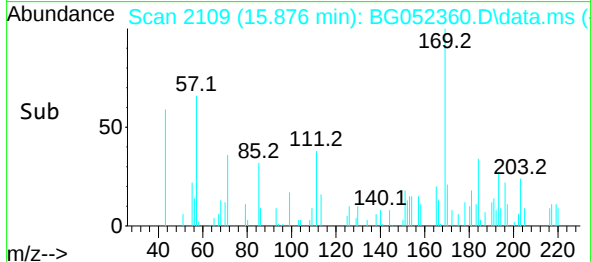
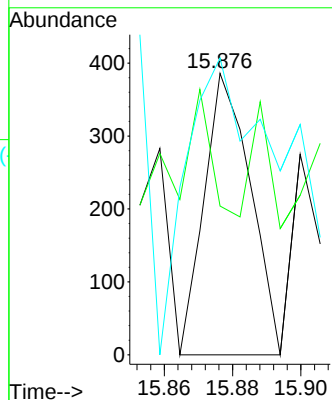
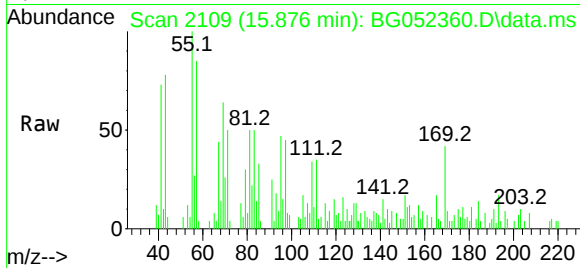




#62
4-Nitroaniline
Concen: 0.285 ng
RT: 15.876 min Scan# 2118
Delta R.T. -0.054 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

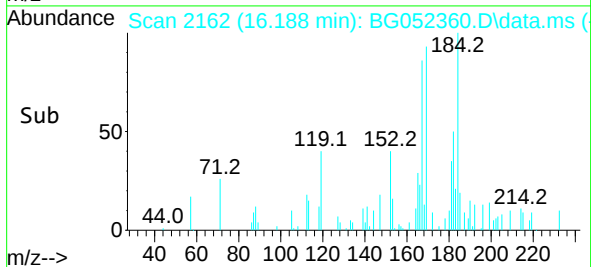
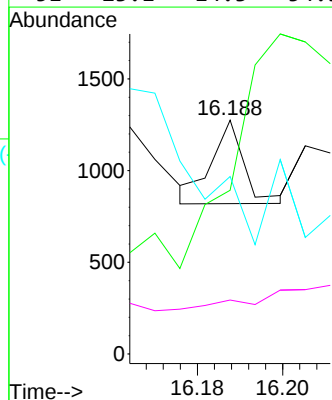
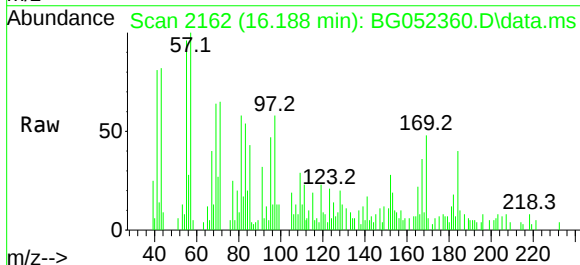
Instrument :
BNA_G
ClientSampleId :
TP-5

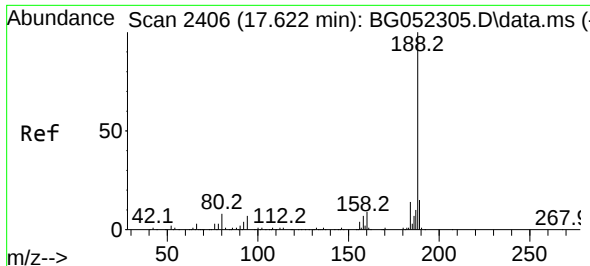
Tgt Ion:138 Resp: 363
Ion Ratio Lower Upper
138 100
92 52.8 35.5 75.5
108 105.4 96.4 136.4



#63
Azobenzene
Concen: 0.042 ng
RT: 16.188 min Scan# 2162
Delta R.T. -0.007 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 77 Resp: 237
Ion Ratio Lower Upper
77 100
182 70.0 4.1 44.1#
105 75.9 0.0 37.5#
51 23.1 14.3 54.3

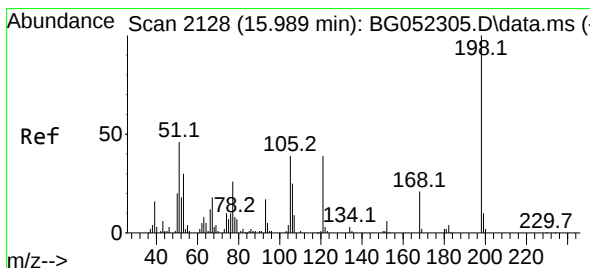
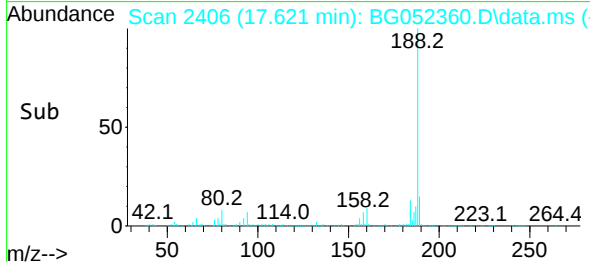
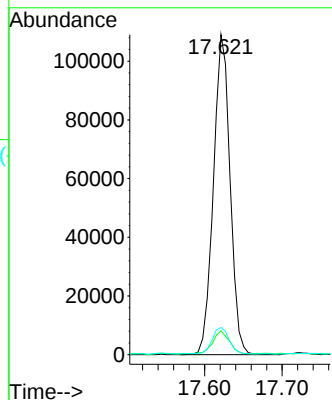
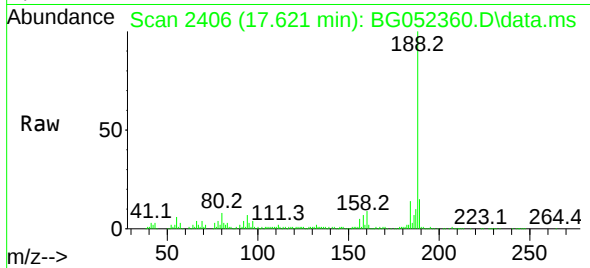




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

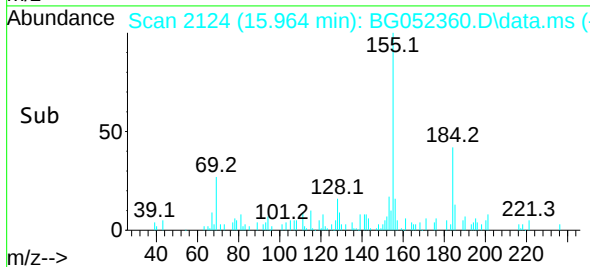
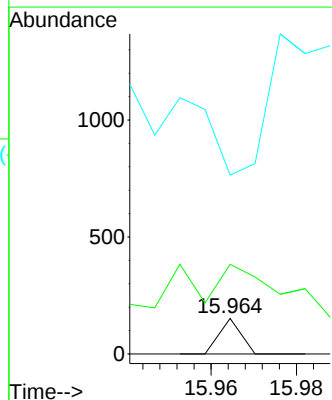
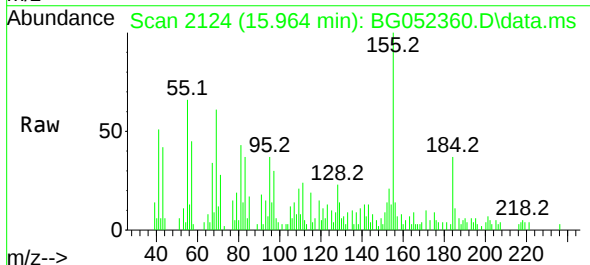
Instrument :
BNA_G
ClientSampleId :
TP-5

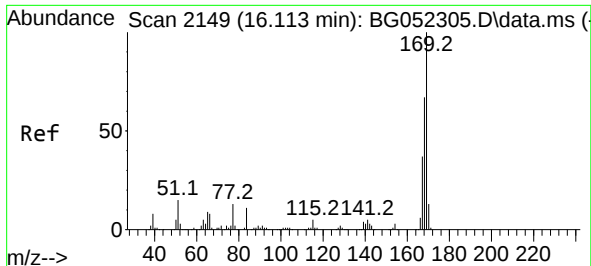
Tgt Ion:188 Resp: 162696
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 8.5 6.6 10.0



#65
4,6-Dinitro-2-methylphenol
Concen: 0.055 ng
RT: 15.964 min Scan# 2124
Delta R.T. -0.025 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 252.0 31.6 71.6#
105 503.3 22.3 62.3#

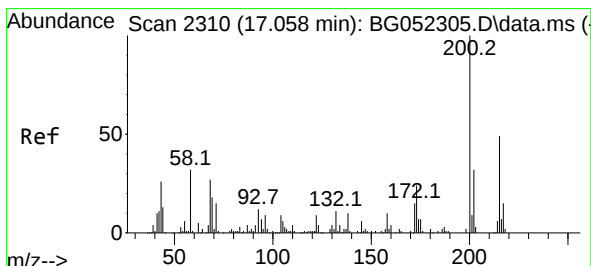
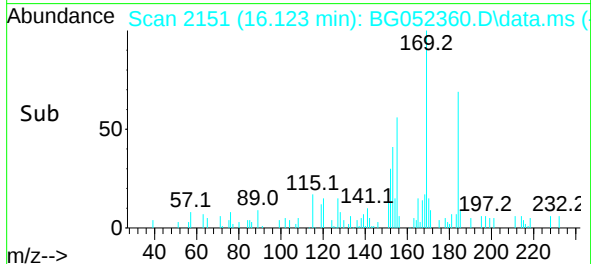
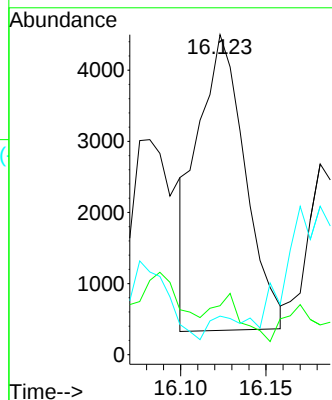
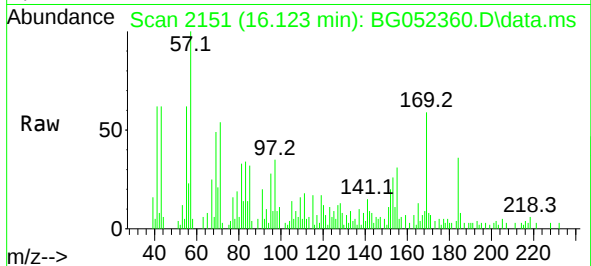




#66
n-Nitrosodiphenylamine
Concen: 1.795 ng
RT: 16.123 min Scan# 2149
Delta R.T. 0.010 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

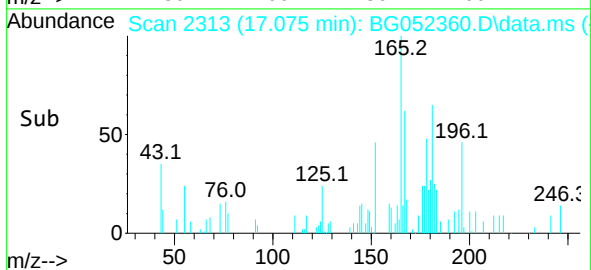
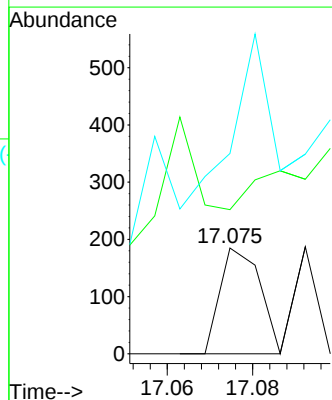
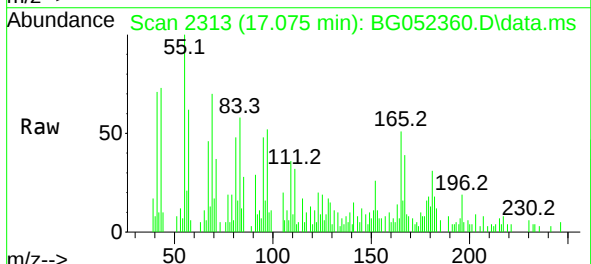
Instrument :
BNA_G
ClientSampleId :
TP-5

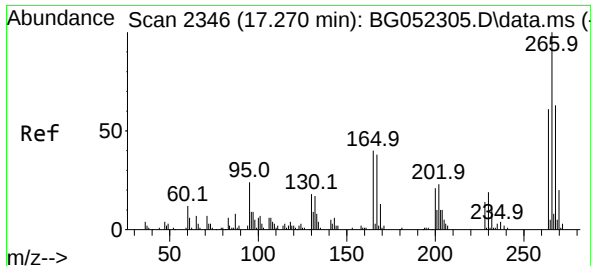
Tgt Ion:169 Resp: 8045
Ion Ratio Lower Upper
169 100
168 15.3 57.4 86.0#
167 12.0 29.5 44.3#



#69
Atrazine
Concen: 0.066 ng
RT: 17.075 min Scan# 2313
Delta R.T. 0.016 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:200 Resp: 120
Ion Ratio Lower Upper
200 100
173 136.2 3.3 43.3#
215 189.2 24.4 64.4#

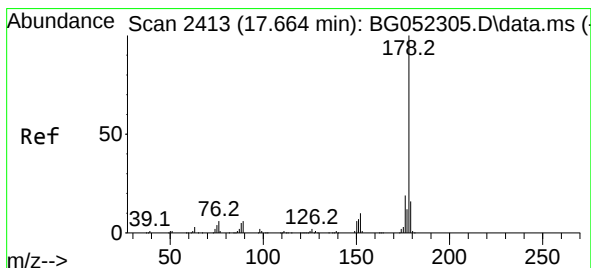
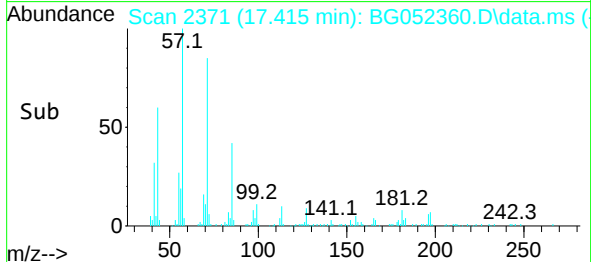
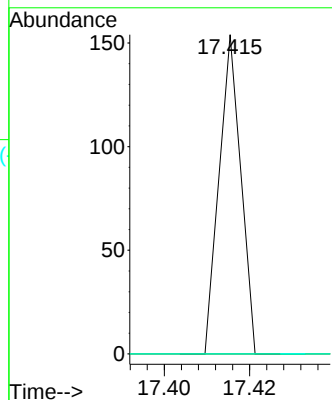
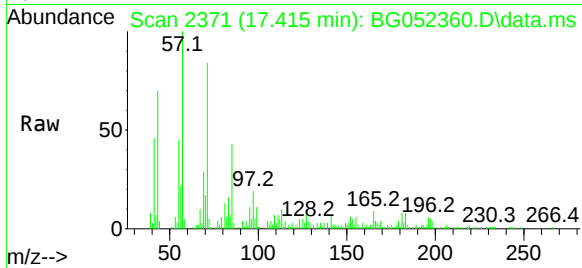




#70
 Pentachlorophenol
 Concen: 0.051 ng
 RT: 17.415 min Scan# 21
 Delta R.T. 0.145 min
 Lab File: BG052360.D
 Acq: 10 Feb 2022 18:56

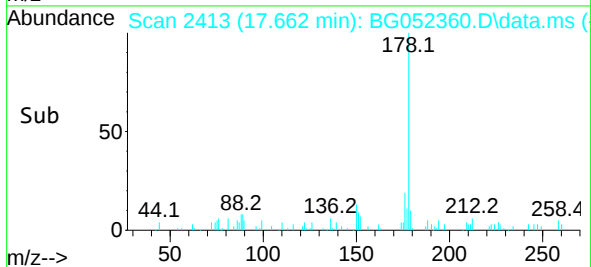
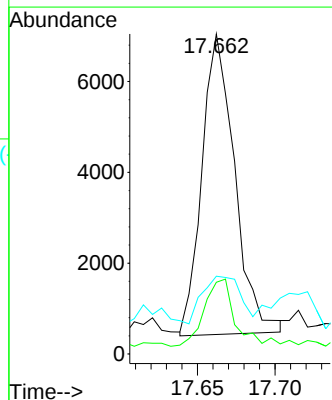
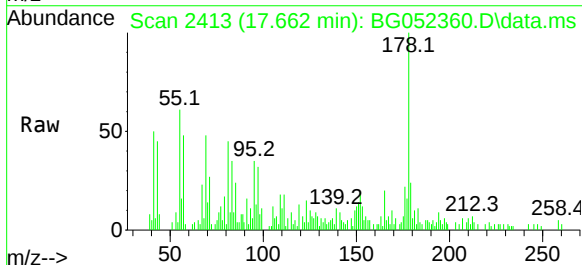
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

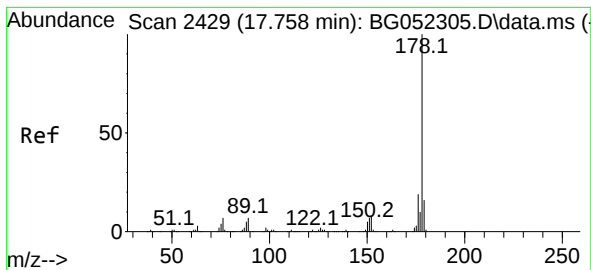
Tgt Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.6 75.8#
 264 0.0 52.2 78.2#



#71
 Phenanthrene
 Concen: 1.159 ng
 RT: 17.662 min Scan# 2413
 Delta R.T. -0.001 min
 Lab File: BG052360.D
 Acq: 10 Feb 2022 18:56

Tgt Ion:178 Resp: 9724
 Ion Ratio Lower Upper
 178 100
 176 22.4 16.6 25.0
 179 24.3 12.6 18.8#





#72

Anthracene

Concen: 0.174 ng

RT: 17.756 min Scan# 2429

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5

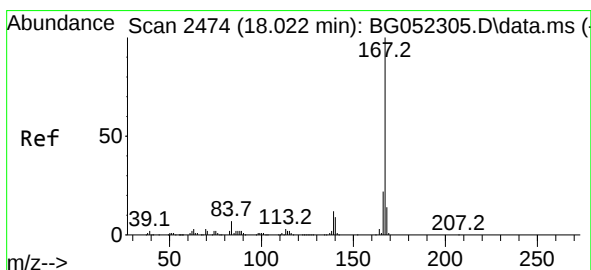
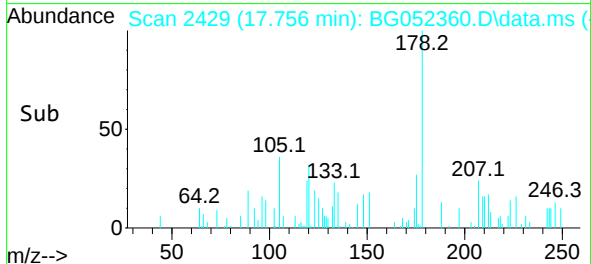
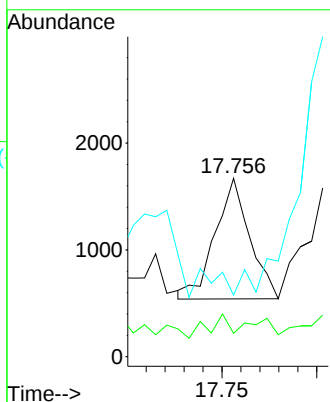
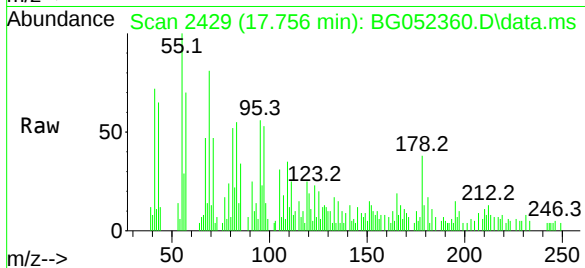
Tgt Ion:178 Resp: 1428

Ion Ratio Lower Upper

178 100

176 13.0 15.3 22.9#

179 34.5 13.1 19.7#



#73

Carbazole

Concen: 0.099 ng

RT: 18.026 min Scan# 2475

Delta R.T. 0.005 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

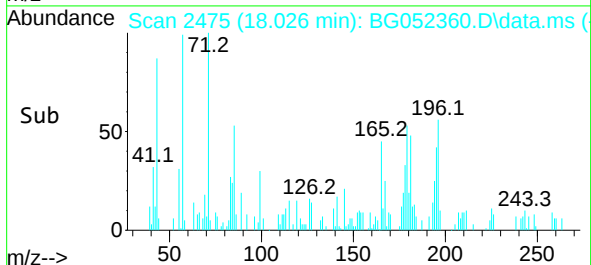
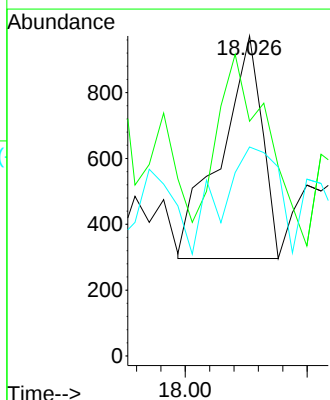
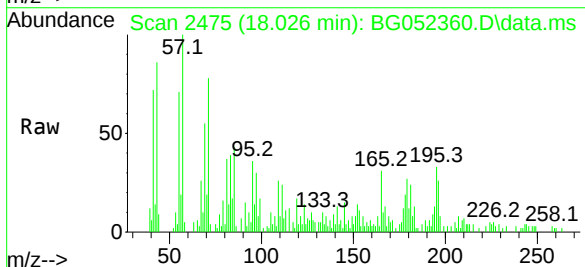
Tgt Ion:167 Resp: 796

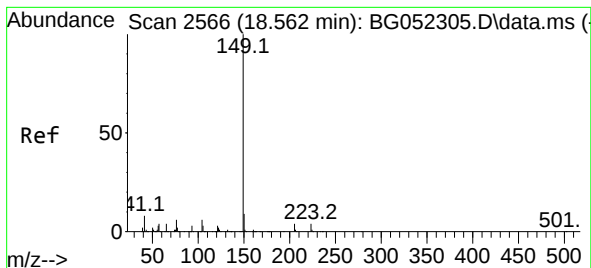
Ion Ratio Lower Upper

167 100

166 73.4 17.8 26.6#

139 65.3 10.6 16.0#





#74

Di-n-butylphthalate

Concen: 0.081 ng

RT: 18.567 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5

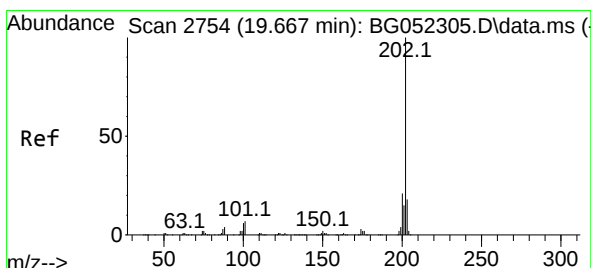
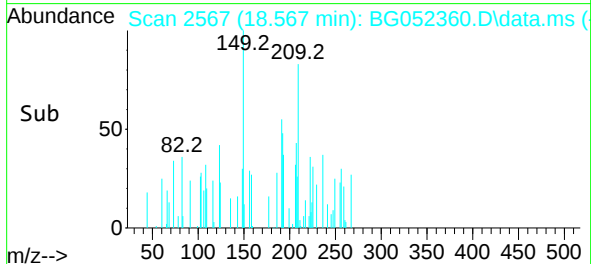
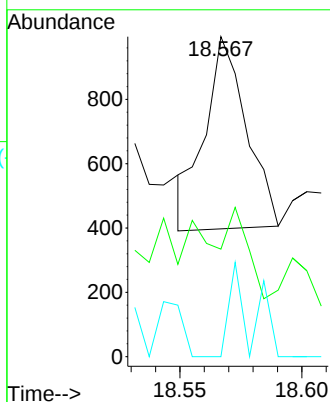
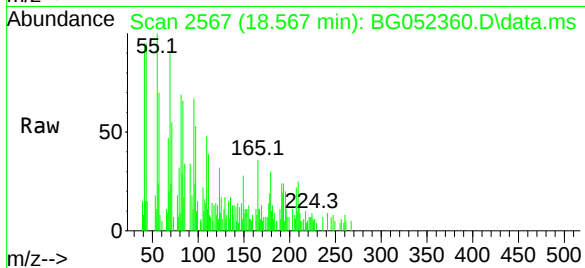
Tgt Ion:149 Resp: 708

Ion Ratio Lower Upper

149 100

150 33.6 7.4 11.0#

104 0.0 5.4 8.2#



#75

Fluoranthene

Concen: 1.289 ng

RT: 19.665 min Scan# 2754

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

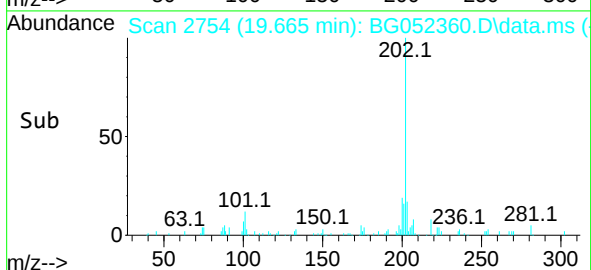
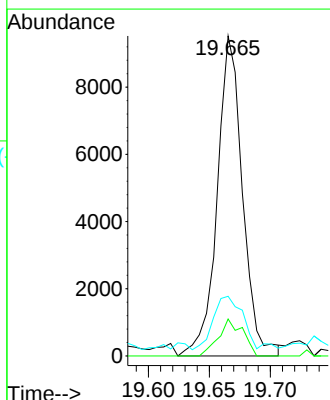
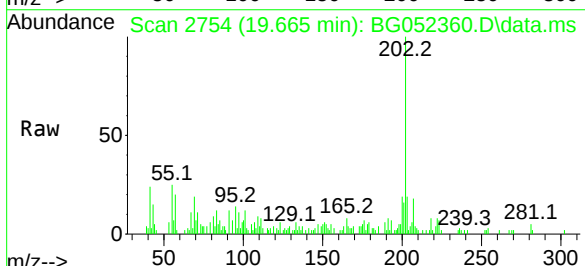
Tgt Ion:202 Resp: 13771

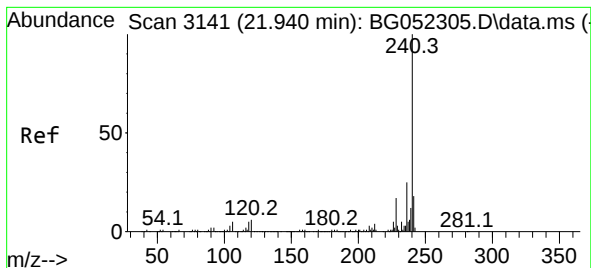
Ion Ratio Lower Upper

202 100

101 11.5 0.0 27.1

203 18.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.939 min Scan# 3141

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5

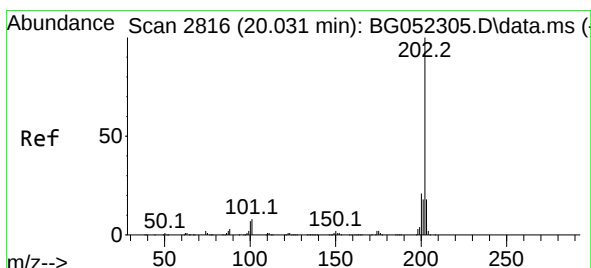
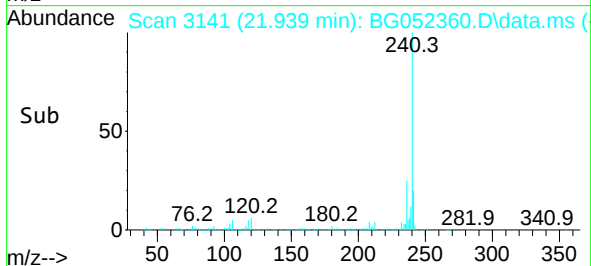
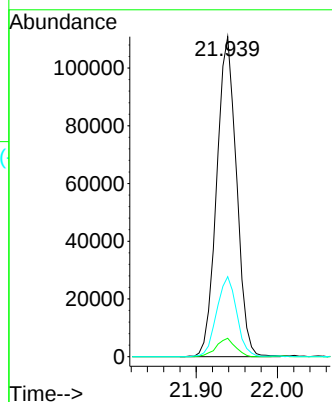
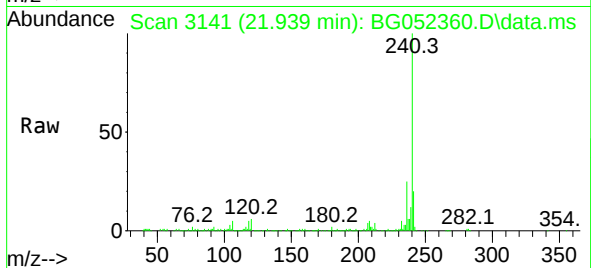
Tgt Ion:240 Resp: 187920

Ion Ratio Lower Upper

240 100

120 5.7 4.4 6.6

236 25.0 20.8 31.2



#78

Pyrene

Concen: 1.172 ng

RT: 20.030 min Scan# 2816

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

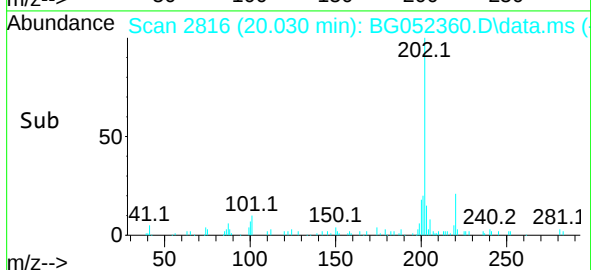
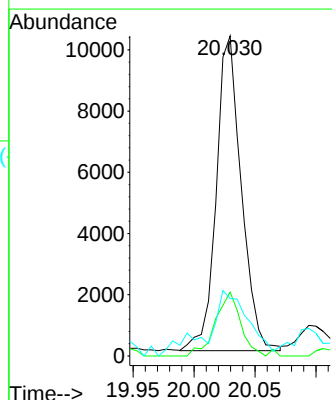
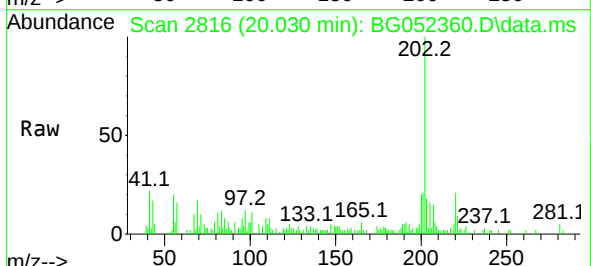
Tgt Ion:202 Resp: 14733

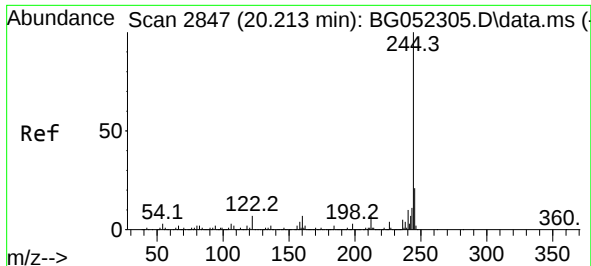
Ion Ratio Lower Upper

202 100

200 20.0 17.4 26.2

203 18.0 14.5 21.7

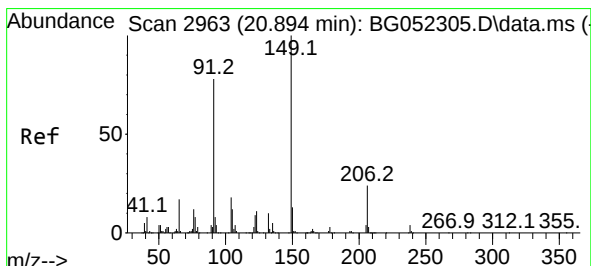
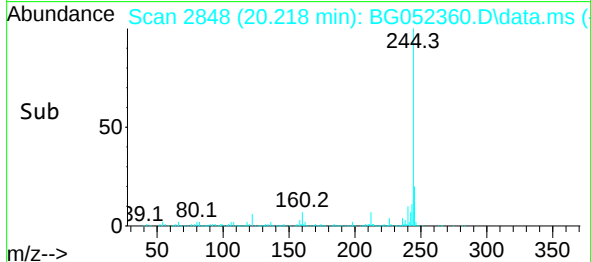
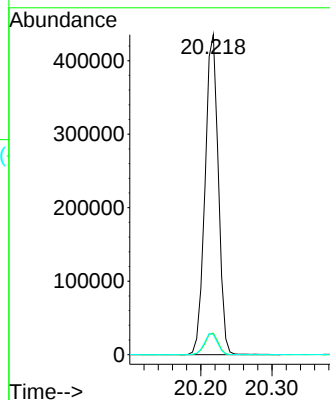
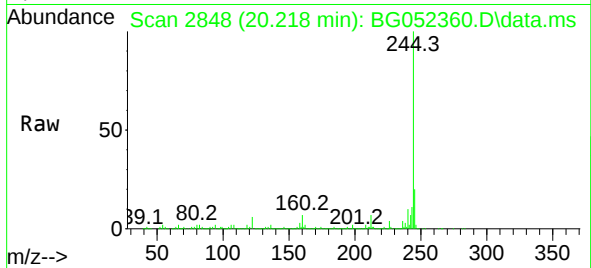




#79
 Terphenyl-d14
 Concen: 53.229 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG052360.D
 Acq: 10 Feb 2022 18:56

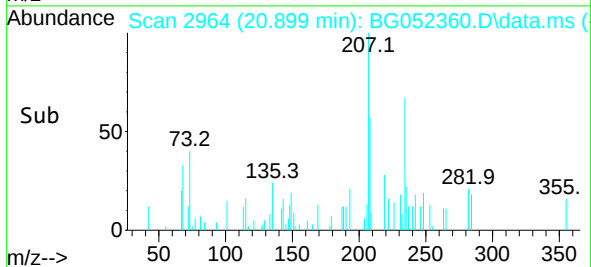
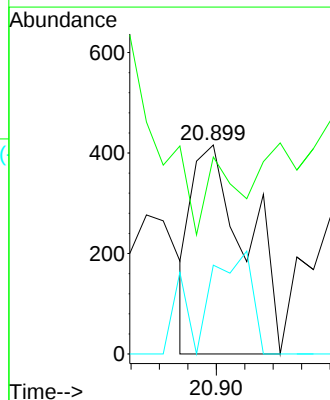
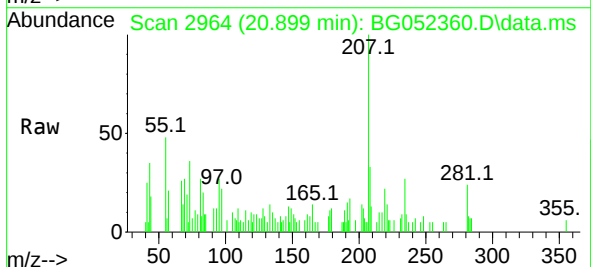
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

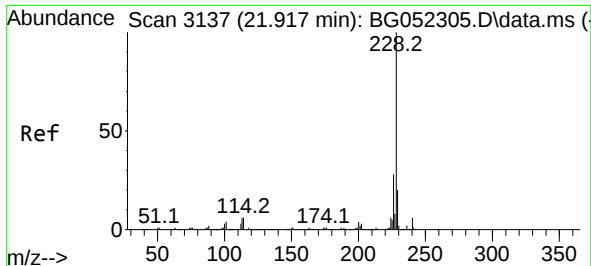
Tgt Ion:244 Resp: 566454
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 6.3 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 0.125 ng
 RT: 20.899 min Scan# 2964
 Delta R.T. 0.005 min
 Lab File: BG052360.D
 Acq: 10 Feb 2022 18:56

Tgt Ion:149 Resp: 548
 Ion Ratio Lower Upper
 149 100
 91 94.2 64.0 96.0
 206 42.5 19.3 28.9#

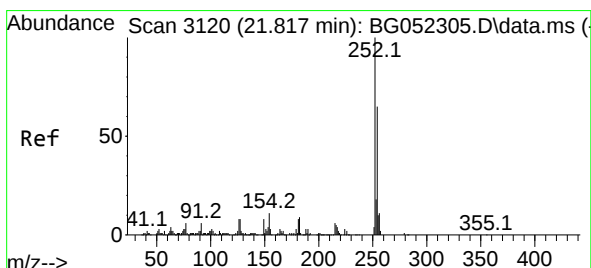
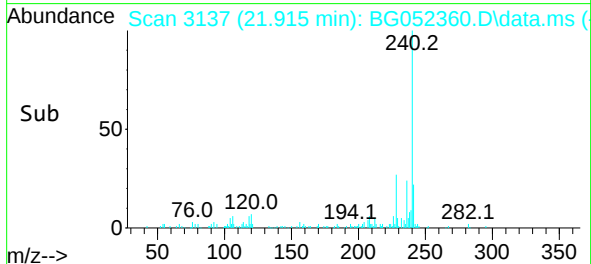
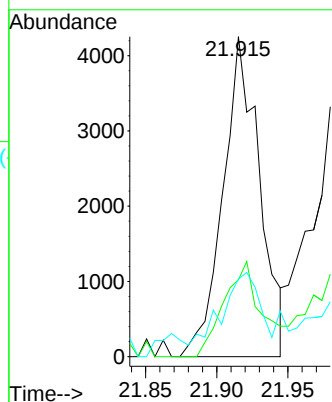
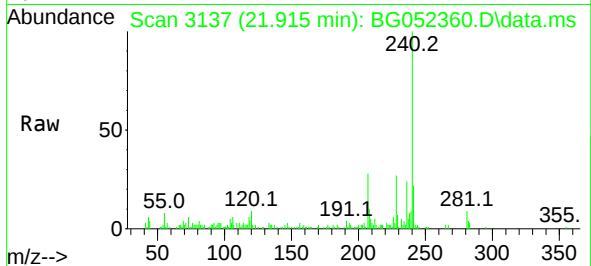




#81
Benzo(a)anthracene
Concen: 0.613 ng
RT: 21.915 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

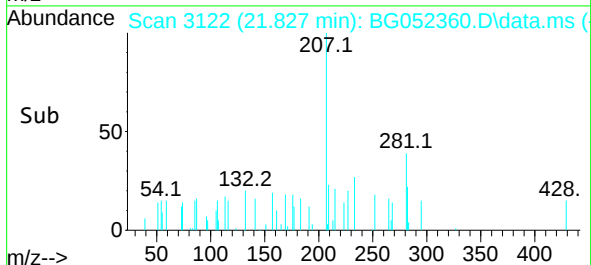
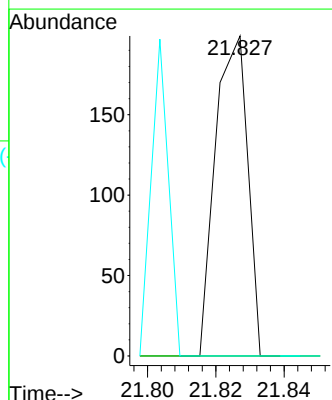
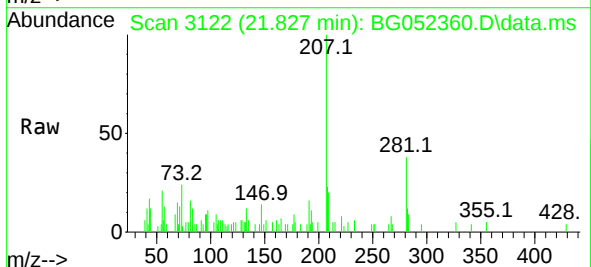
Instrument :
BNA_G
ClientSampleId :
TP-5

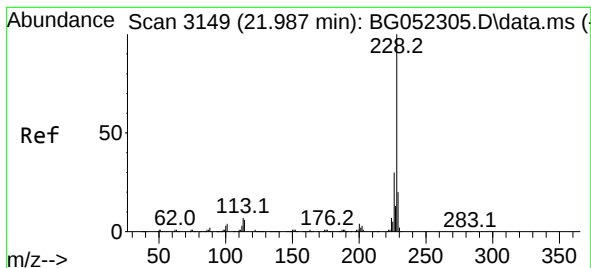
Tgt Ion:228 Resp: 7626
Ion Ratio Lower Upper
228 100
226 24.1 21.6 32.4
229 24.3 16.0 24.0#



#82
3,3'-Dichlorobenzidine
Concen: 0.030 ng
RT: 21.827 min Scan# 3122
Delta R.T. 0.010 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:252 Resp: 130
Ion Ratio Lower Upper
252 100
254 0.0 52.6 79.0#
126 0.0 6.4 9.6#





#83

Chrysene

Concen: 0.657 ng

RT: 21.980 min Scan# 3149

Delta R.T. -0.007 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5

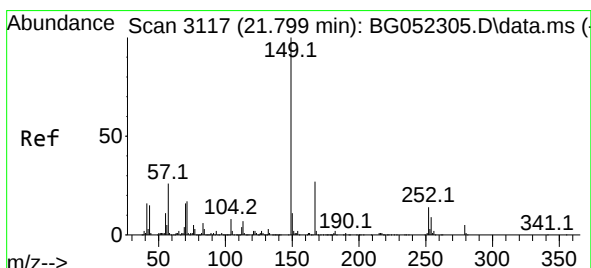
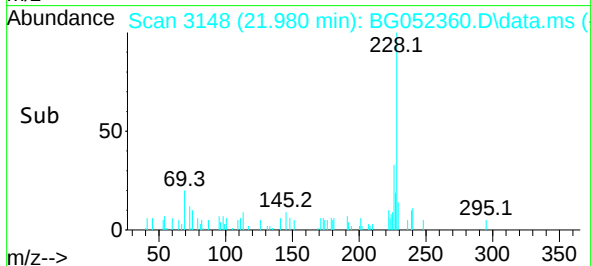
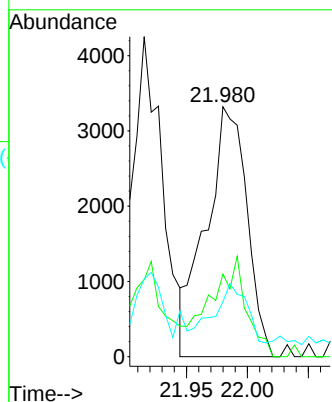
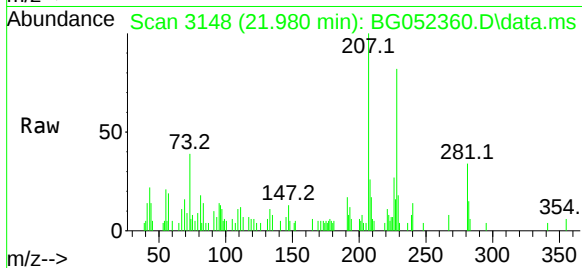
Tgt Ion:228 Resp: 7741

Ion Ratio Lower Upper

228 100

226 33.0 24.1 36.1

229 22.0 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.148 ng

RT: 21.798 min Scan# 3117

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

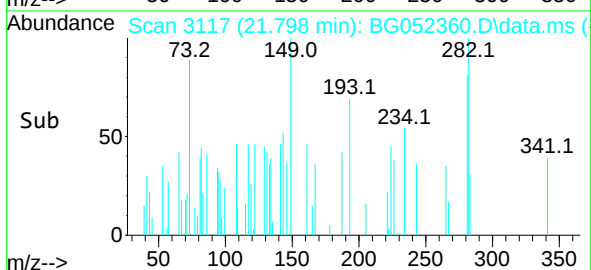
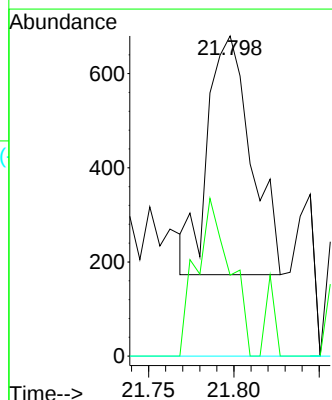
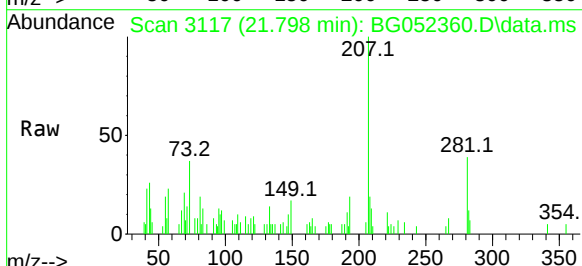
Tgt Ion:149 Resp: 897

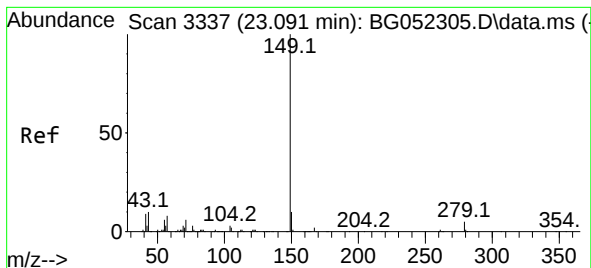
Ion Ratio Lower Upper

149 100

167 25.3 21.4 32.0

279 0.0 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 0.062 ng

RT: 23.090 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5

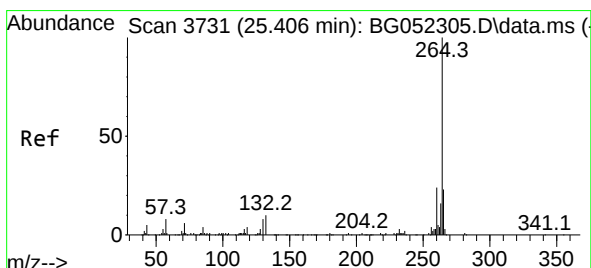
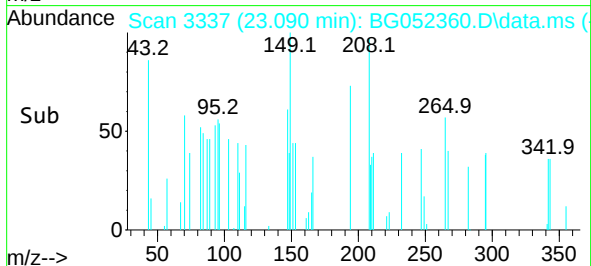
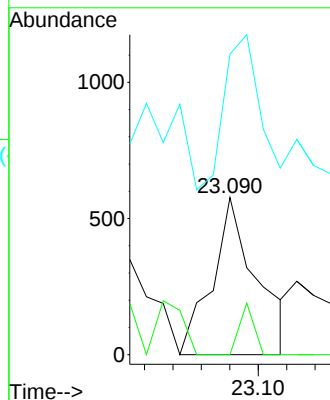
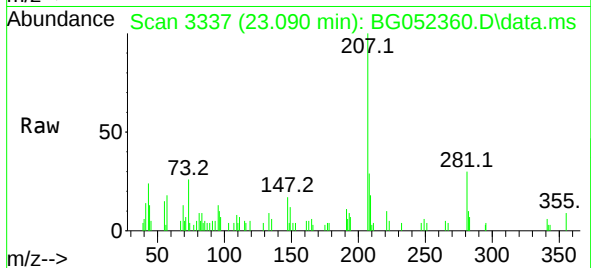
Tgt Ion:149 Resp: 625

Ion Ratio Lower Upper

149 100

167 10.7 1.4 2.0#

43 96.0 10.0 15.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.410 min Scan# 3732

Delta R.T. 0.004 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

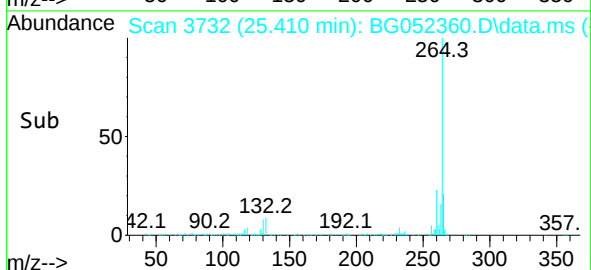
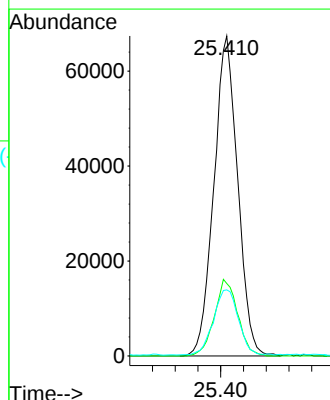
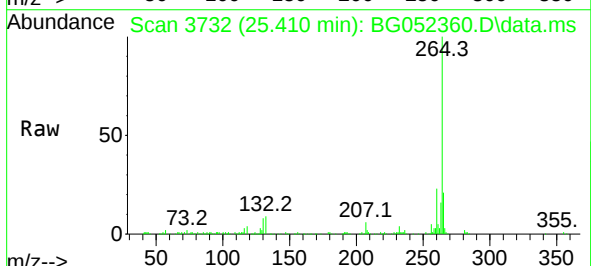
Tgt Ion:264 Resp: 195747

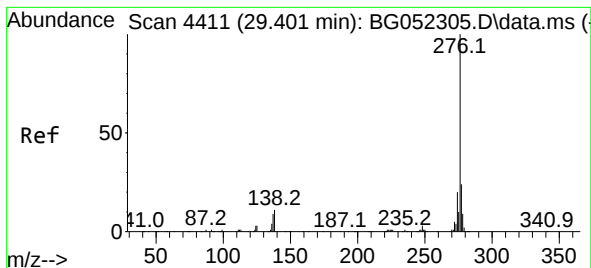
Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 20.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.451 ng

RT: 29.399 min Scan# 4411

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5

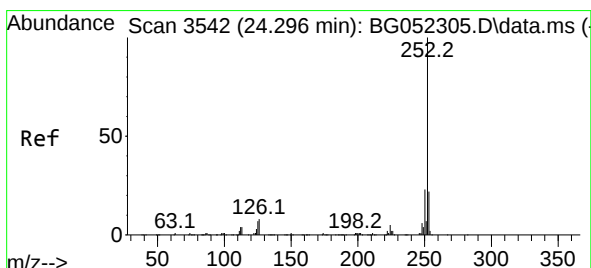
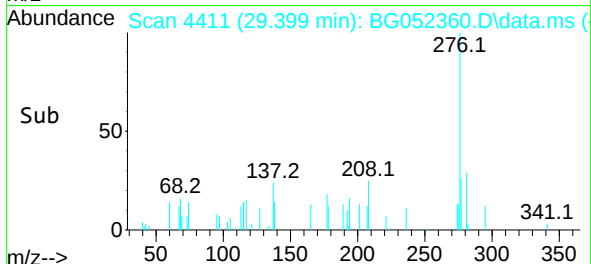
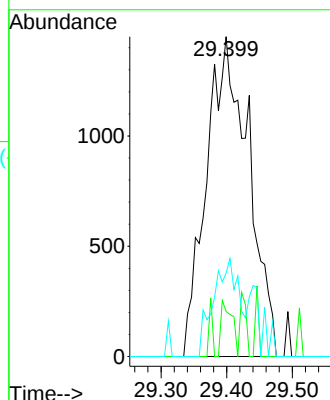
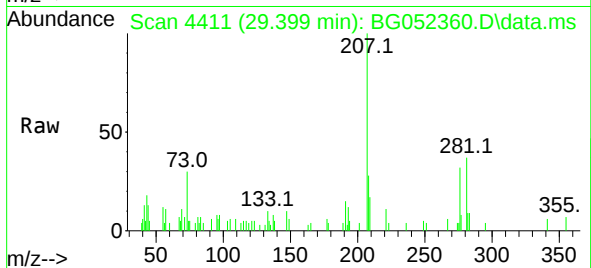
Tgt Ion:276 Resp: 6466

Ion Ratio Lower Upper

276 100

138 4.5 6.1 9.1#

277 18.7 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 0.925 ng

RT: 24.294 min Scan# 3542

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

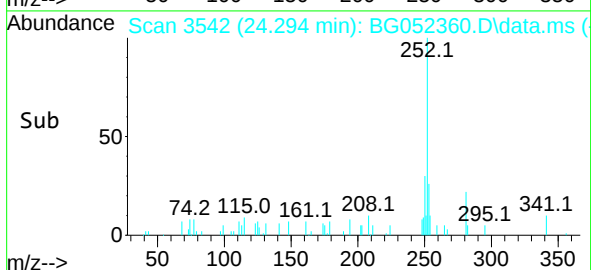
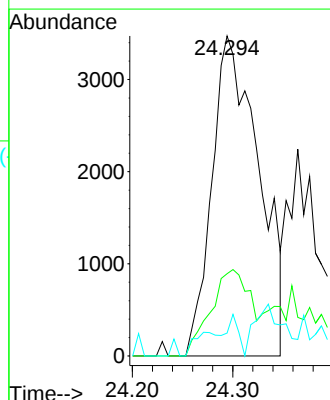
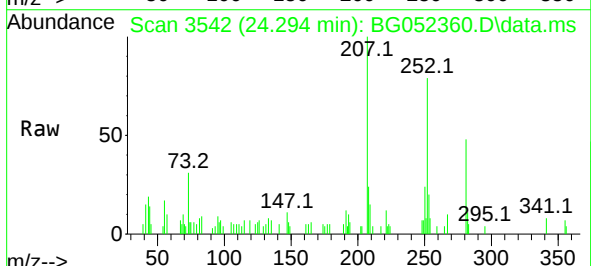
Tgt Ion:252 Resp: 11289

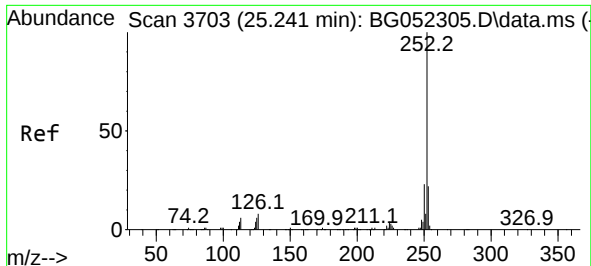
Ion Ratio Lower Upper

252 100

253 25.7 18.3 27.5

125 7.1 5.4 8.2

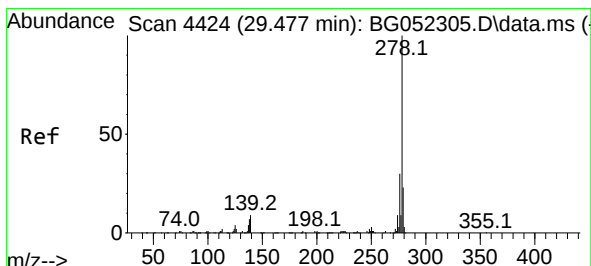
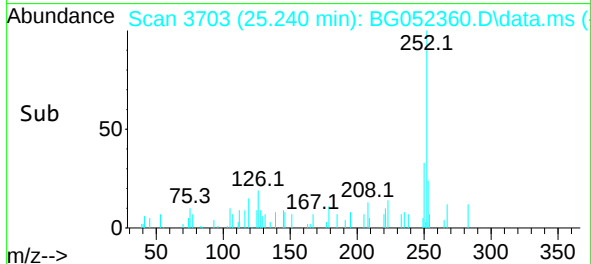
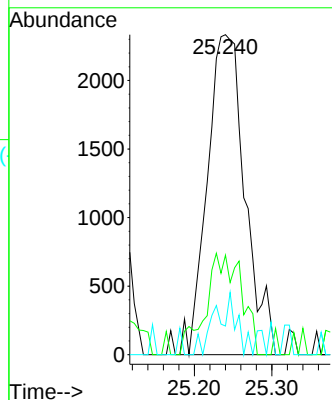
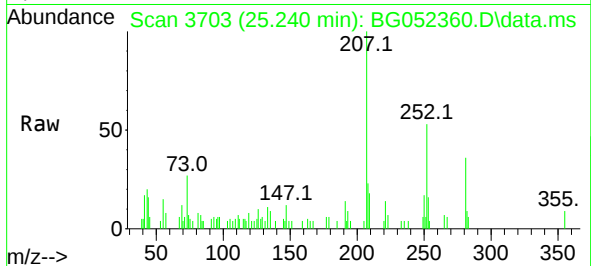




#90
Benzo(a)pyrene
Concen: 0.766 ng
RT: 25.240 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

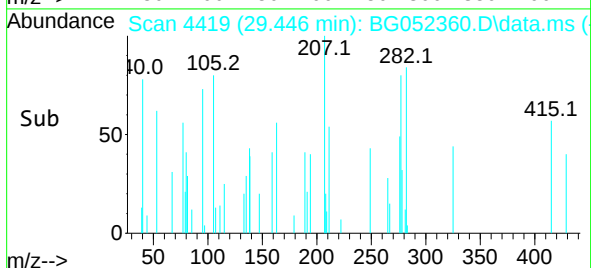
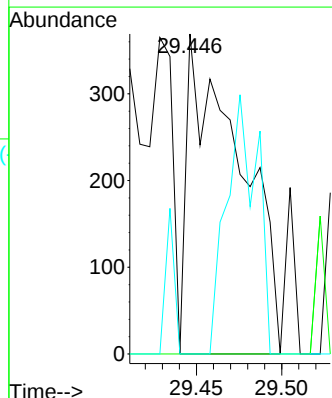
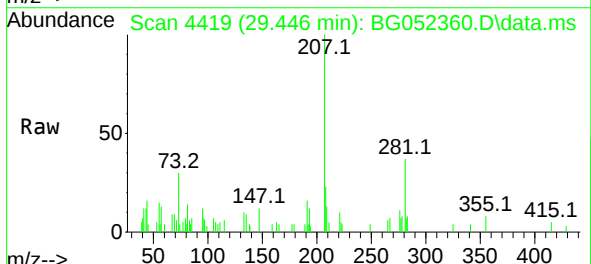
Instrument :
BNA_G
ClientSampleId :
TP-5

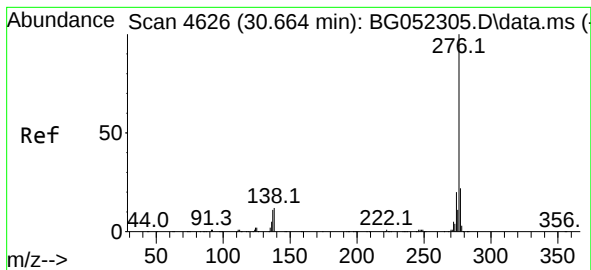
Tgt Ion:252 Resp: 7895
Ion Ratio Lower Upper
252 100
253 31.1 17.5 26.3#
125 9.0 5.0 7.6#



#91
Dibenzo(a,h)anthracene
Concen: 0.067 ng
RT: 29.446 min Scan# 4419
Delta R.T. -0.031 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:278 Resp: 791
Ion Ratio Lower Upper
278 100
139 0.0 6.4 9.6#
279 0.0 20.1 30.1#





#92

Benzo(g,h,i)perylene

Concen: 0.573 ng

RT: 30.656 min Scan# 4

Delta R.T. -0.007 min

Lab File: BG052360.D

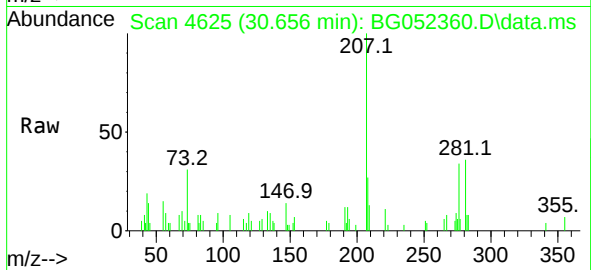
Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5



Tgt Ion:276 Resp: 6659

Ion Ratio Lower Upper

276 100

277 16.9 18.2 27.2#

138 13.0 9.1 13.7

