

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
 Data File : BG054304.D
 Acq On : 15 Jul 2022 16:05
 Operator : CG/JU
 Sample : PB146202TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146202TB

Quant Time: Jul 15 18:41:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

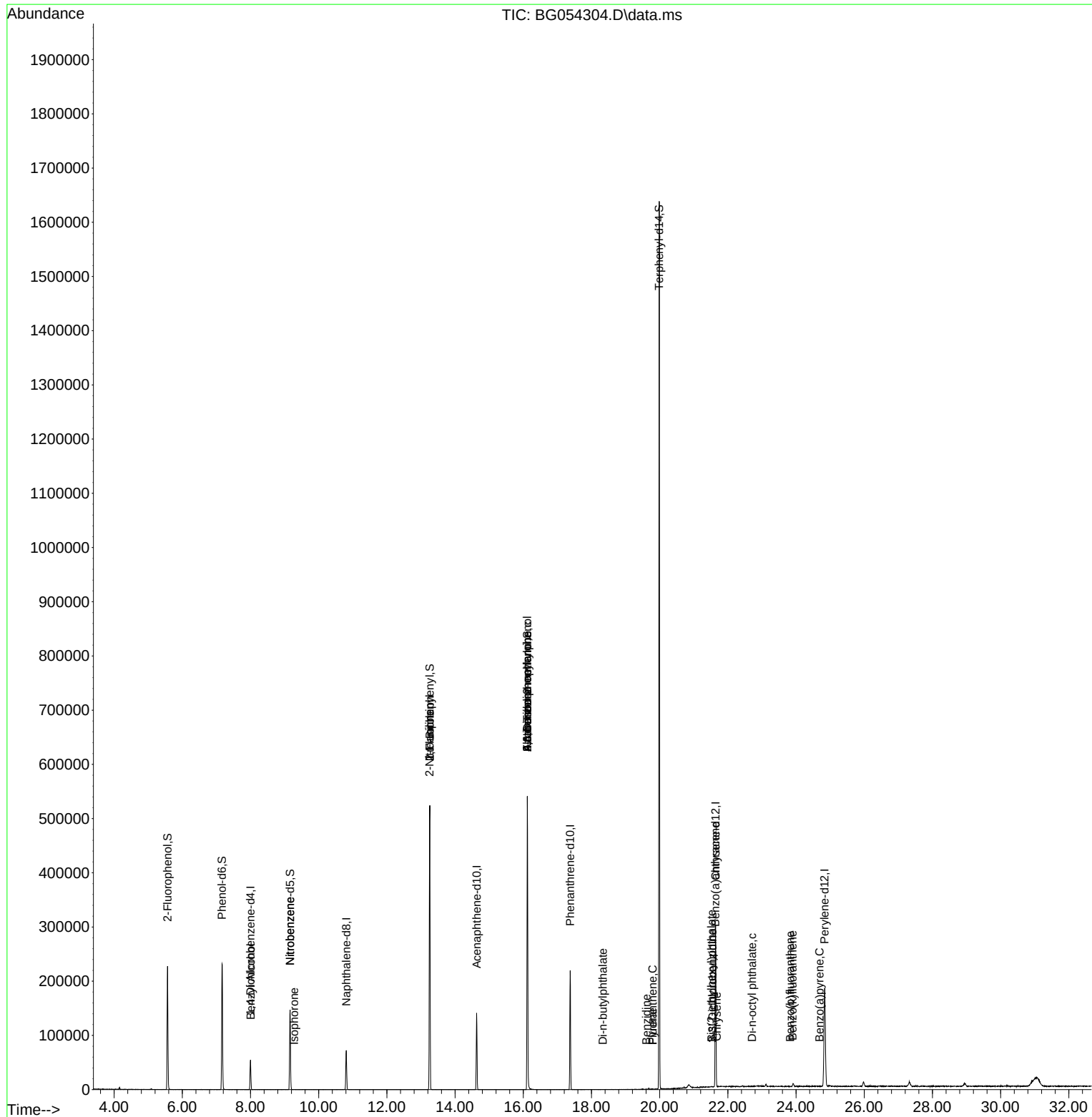
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	17191	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	66614	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	55628	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	161049	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	221444	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	226783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	98589	119.738	ng	0.00
7) Phenol-d6	7.165	99	132824	117.729	ng	0.00
23) Nitrobenzene-d5	9.163	82	89937	73.524	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	148205	126.890	ng	0.00
45) 2-Fluorobiphenyl	13.258	172	307251	77.917	ng	0.00
79) Terphenyl-d14	19.985	244	945158	84.672	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.005	79	391	0.421	ng	# 28
24) Nitrobenzene	9.163	77	59	0.049	ng	# 48
25) Isophorone	9.280	82	56	0.026	ng	# 69
46) 1,1'-Biphenyl	13.258	154	456	0.120	ng	# 1
48) 2-Nitroaniline	13.252	65	365	0.439	ng	# 1
58) Fluorene	16.119	166	2393	0.571	ng	# 67
63) Azobenzene	16.119	77	194	0.064	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.119	198	187	0.188	ng	# 10
66) n-Nitrosodiphenylamine	16.119	169	3160	0.786	ng	# 40
74) Di-n-butylphthalate	18.334	149	53	0.007	ng	# 77
75) Fluoranthene	19.791	202	223	0.020	ng	66
77) Benzidine	19.609	184	393	0.098	ng	# 67
78) Pyrene	19.791	202	223	0.018	ng	# 57
81) Benzo(a)anthracene	21.630	228	1047	0.074	ng	# 51
82) 3,3'-Dichlorobenzidine	21.548	252	56	0.013	ng	# 26
83) Chrysene	21.677	228	303	0.023	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.519	149	427	0.076	ng	# 55
85) Di-n-octyl phthalate	22.711	149	154	0.016	ng	# 1
88) Benzo(b)fluoranthene	23.828	252	362	0.027	ng	# 59
89) Benzo(k)fluoranthene	23.898	252	155	0.012	ng	# 59
90) Benzo(a)pyrene	24.691	252	64	0.006	ng	# 59

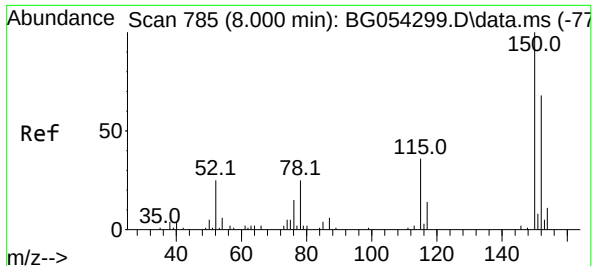
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
Data File : BG054304.D
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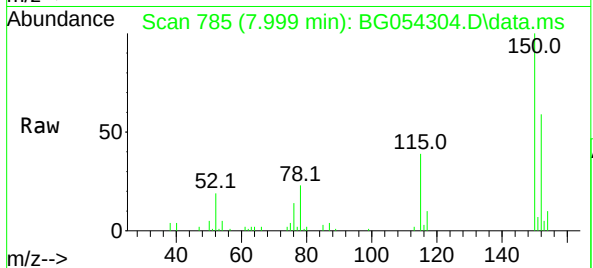
Quant Time: Jul 15 18:41:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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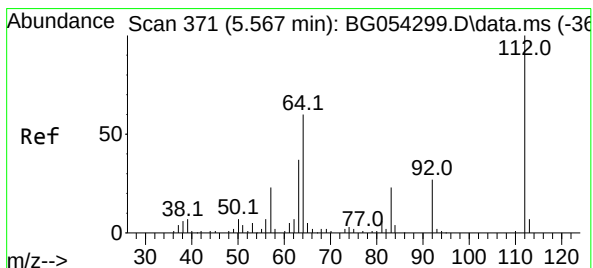
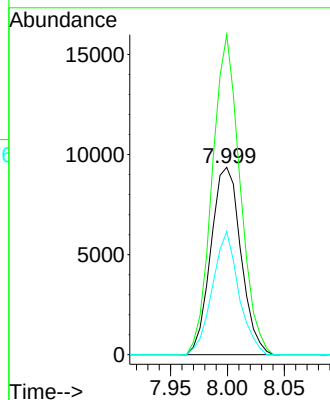
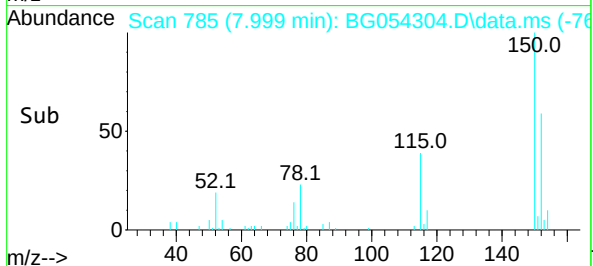


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.999 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

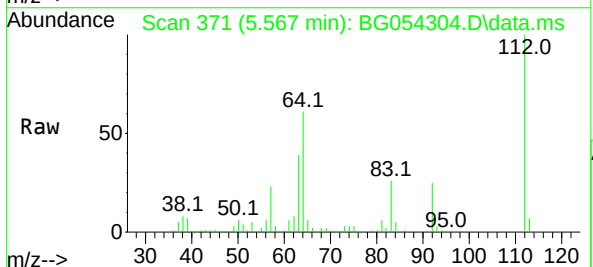
Instrument :
BNA_G
ClientSampleId :
PB146202TB



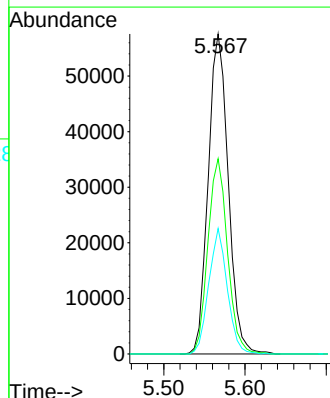
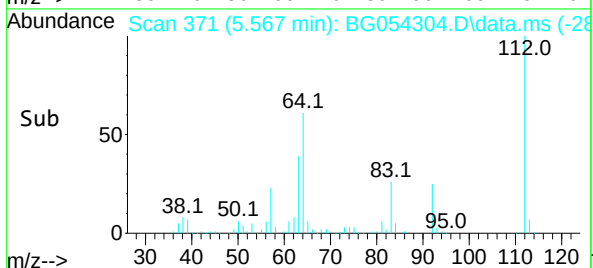
Tgt Ion:152 Resp: 17191
Ion Ratio Lower Upper
152 100
150 170.9 131.6 197.4
115 65.8 50.9 76.3

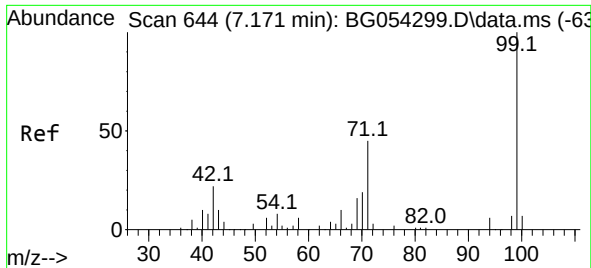


#5
2-Fluorophenol
Concen: 119.738 ng
RT: 5.567 min Scan# 371
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05



Tgt Ion:112 Resp: 98589
Ion Ratio Lower Upper
112 100
64 61.0 55.1 82.7
63 39.2 30.4 45.6





#7

Phenol-d6

Concen: 117.729 ng

RT: 7.165 min Scan# 64

Delta R.T. -0.006 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

Instrument :

BNA_G

ClientSampleId :

PB146202TB

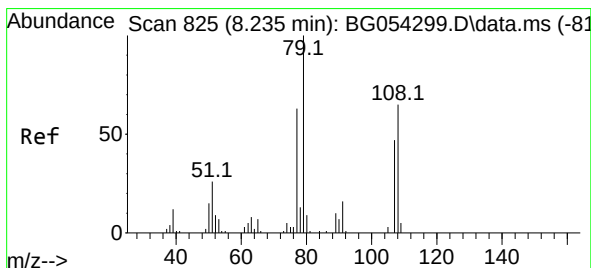
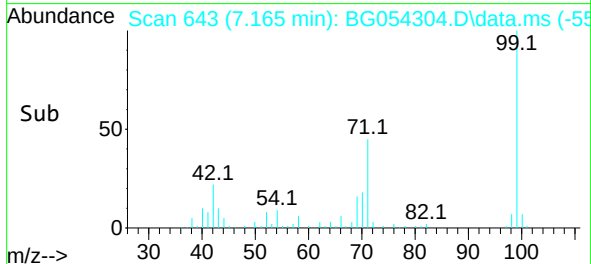
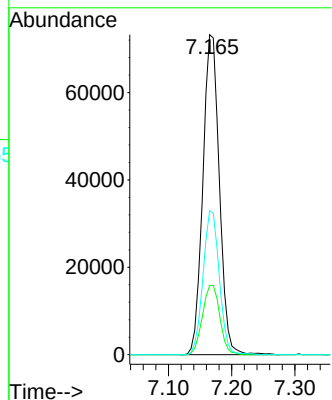
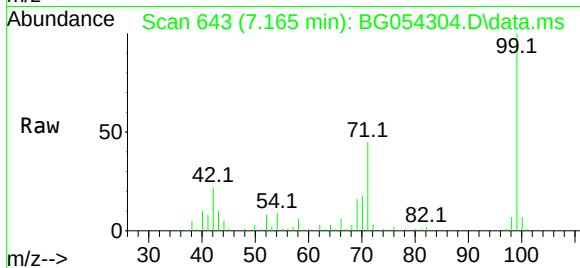
Tgt Ion: 99 Resp: 132824

Ion Ratio Lower Upper

99 100

42 21.6 17.0 25.6

71 45.0 33.8 50.8



#15

Benzyl Alcohol

Concen: 0.421 ng

RT: 8.005 min Scan# 786

Delta R.T. -0.230 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

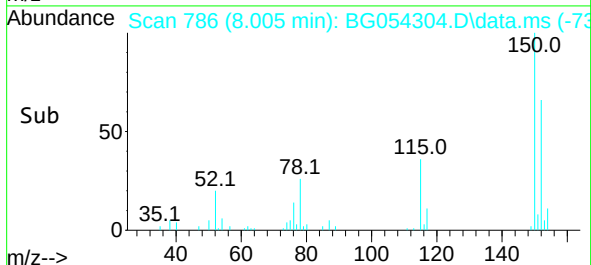
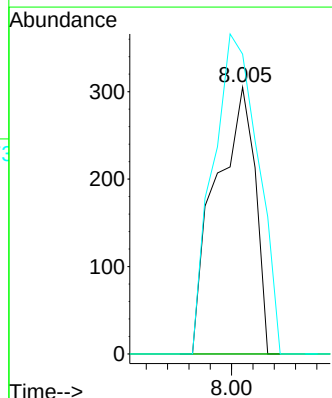
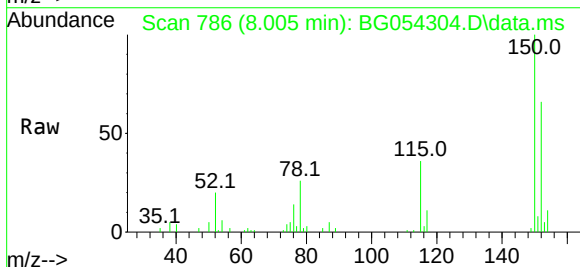
Tgt Ion: 79 Resp: 391

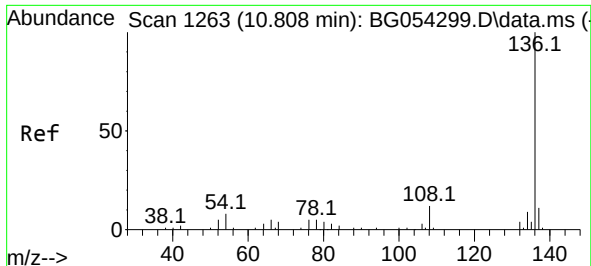
Ion Ratio Lower Upper

79 100

108 0.0 53.7 80.5#

77 112.5 52.2 78.4#

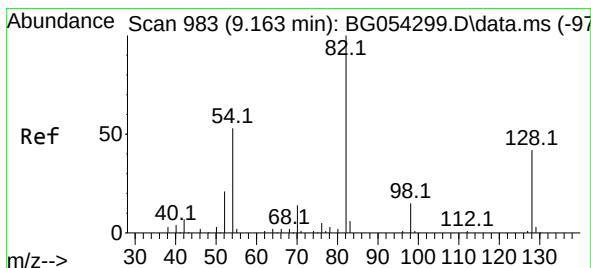
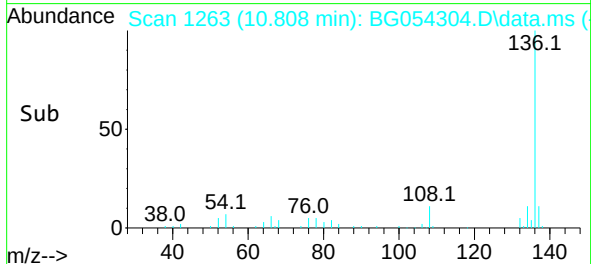
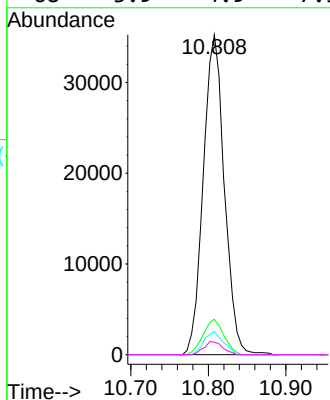
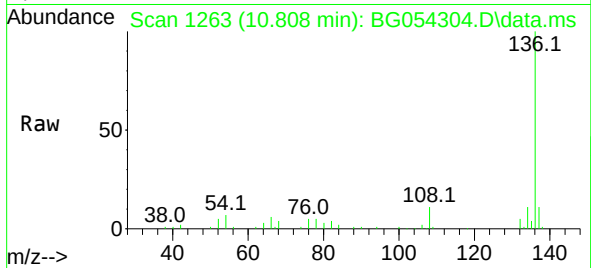




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

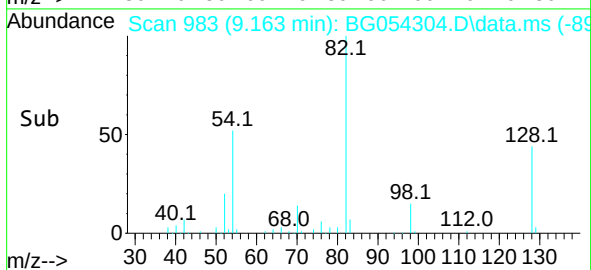
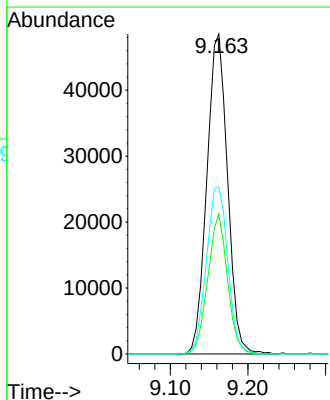
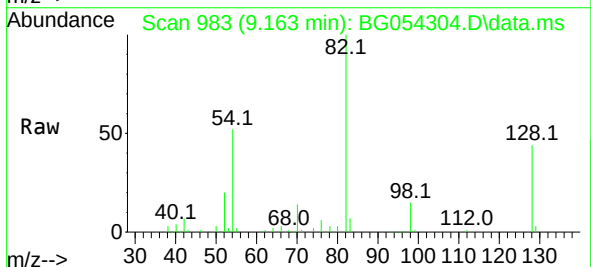
Instrument :
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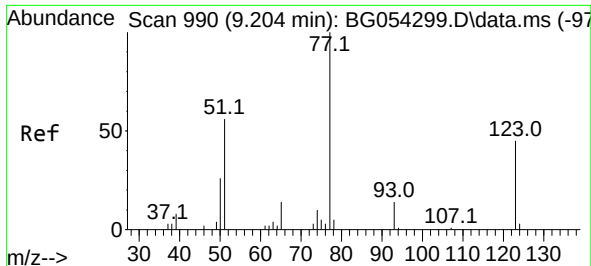
Tgt Ion:	136	Resp:	66614
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.3	7.4	11.2#
68	3.9	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 73.524 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:	82	Resp:	89937
Ion	Ratio	Lower	Upper
82	100		
128	43.8	27.9	41.9#
54	52.2	41.2	61.8

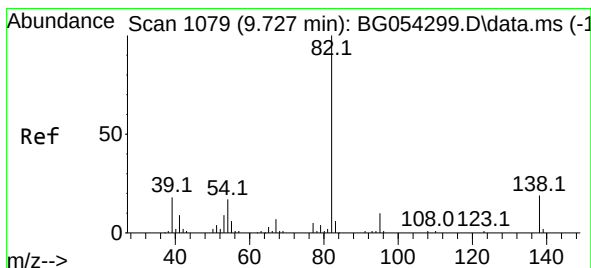
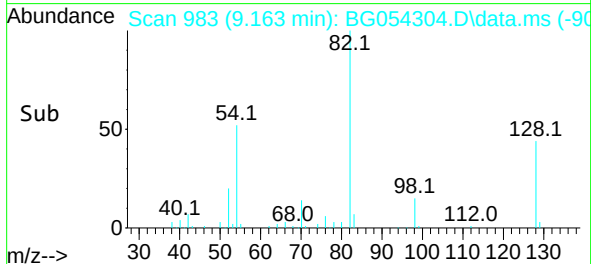
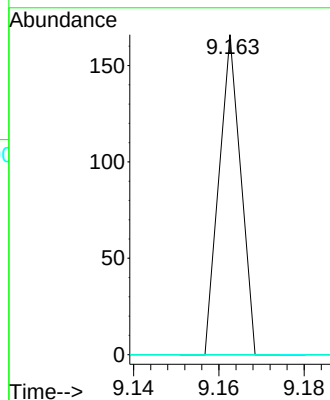
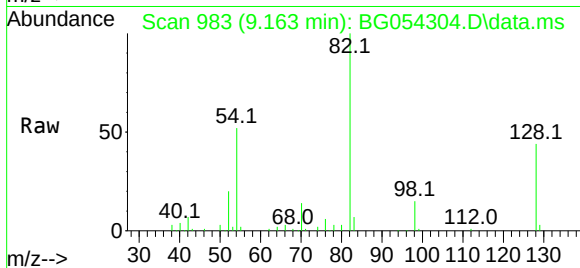




#24
Nitrobenzene
Concen: 0.049 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.042 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

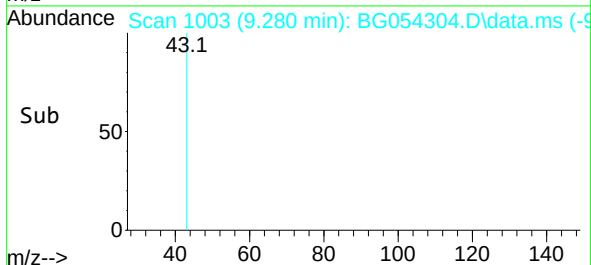
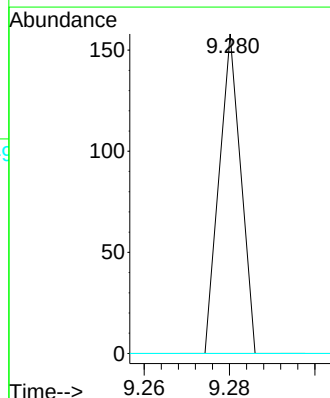
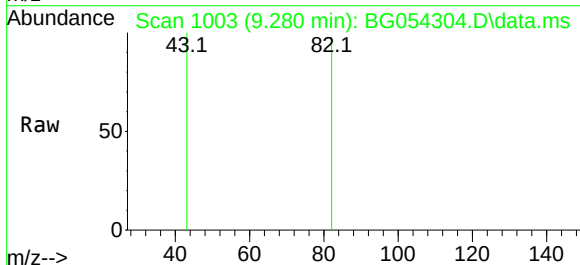
Instrument :
BNA_G
ClientSampleId :
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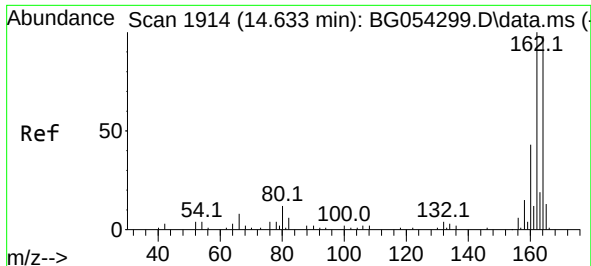
Tgt Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#25
Isophorone
Concen: 0.026 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.447 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion: 82 Resp: 56
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.6 17.4#

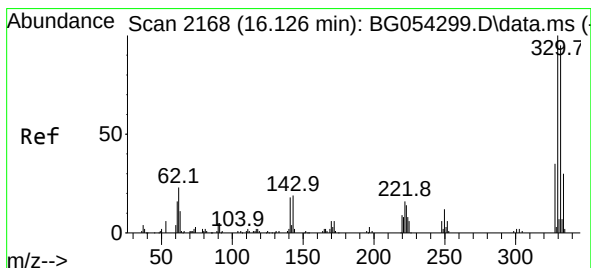
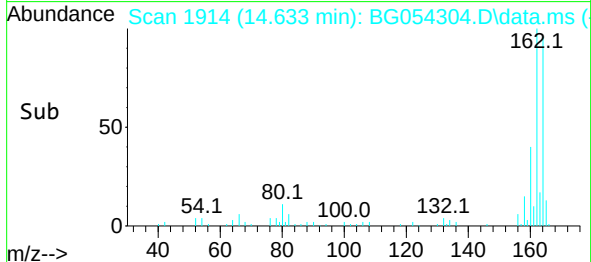
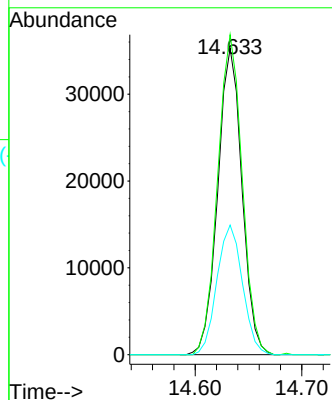
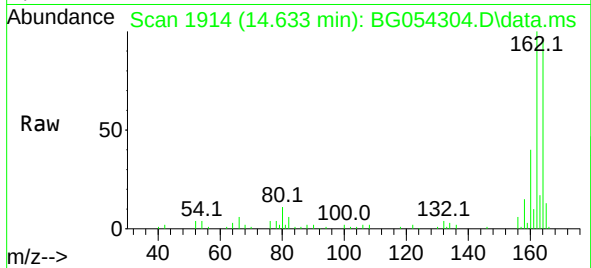




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

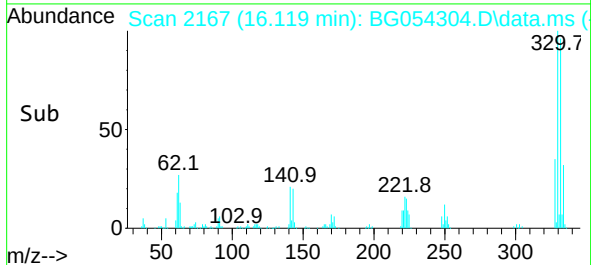
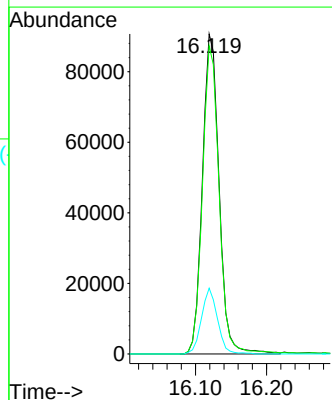
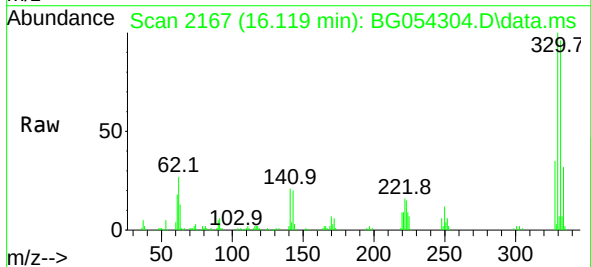
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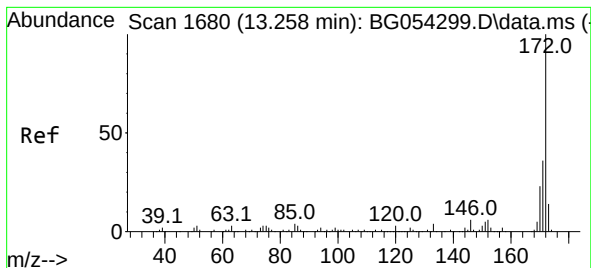
Tgt Ion:164 Resp: 55628
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 42.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 126.890 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:330 Resp: 148205
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 19.7 27.1 40.7#

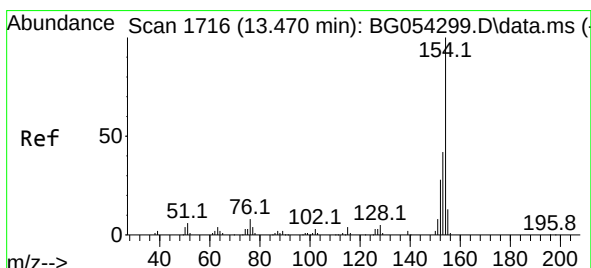
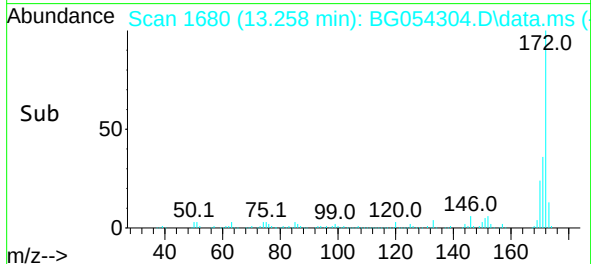
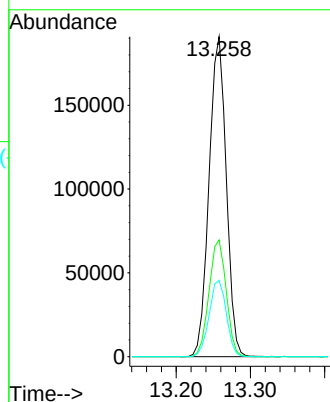
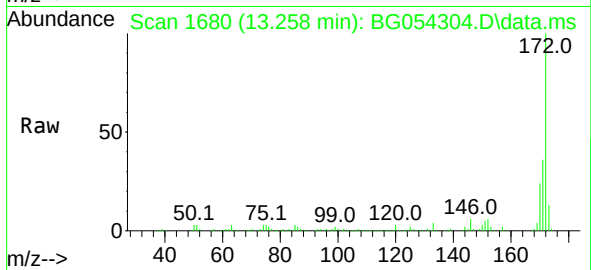




#45
2-Fluorobiphenyl
Concen: 77.917 ng
RT: 13.258 min Scan# 1680
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

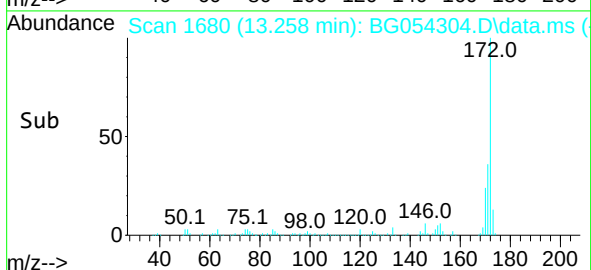
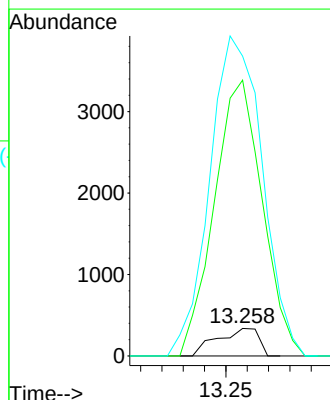
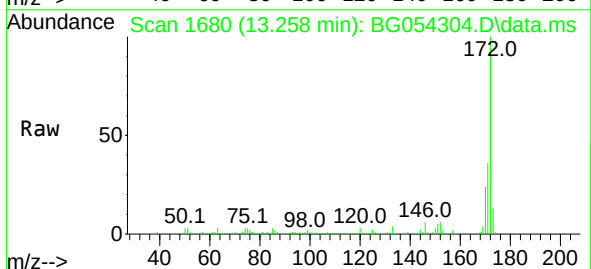
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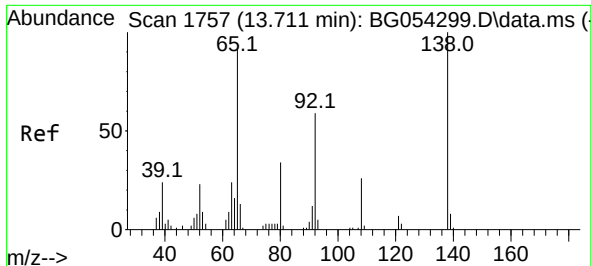
Tgt Ion:172 Resp: 307251
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 0.120 ng
RT: 13.258 min Scan# 1680
Delta R.T. -0.212 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:154 Resp: 456
Ion Ratio Lower Upper
154 100
153 1001.5 21.6 61.6#
76 1089.1 0.0 32.6#

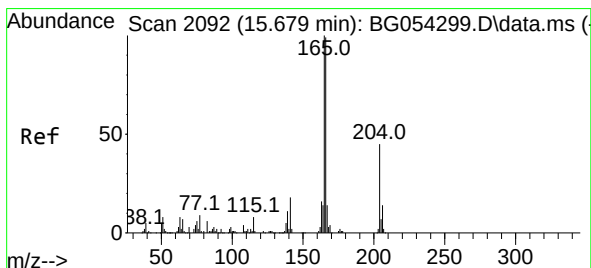
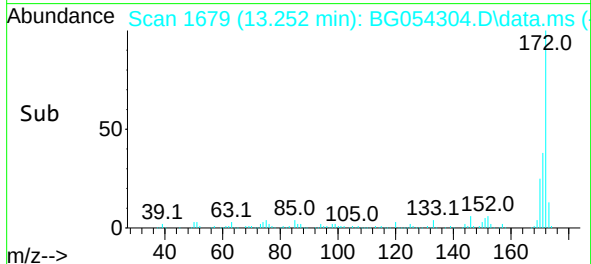
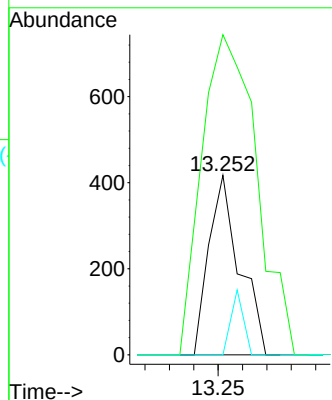
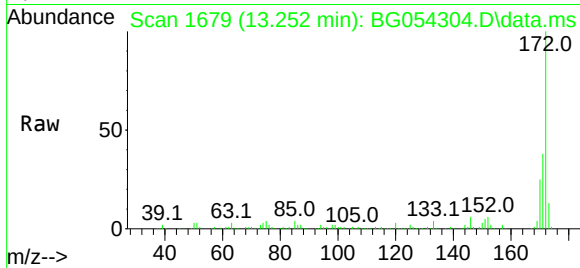




#48
2-Nitroaniline
Concen: 0.439 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.459 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

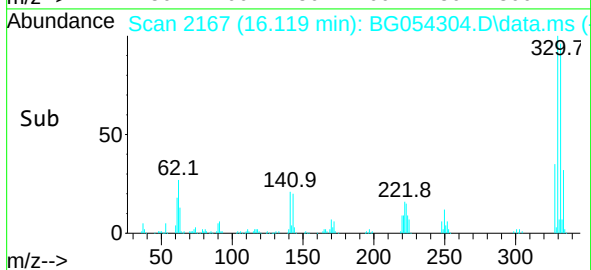
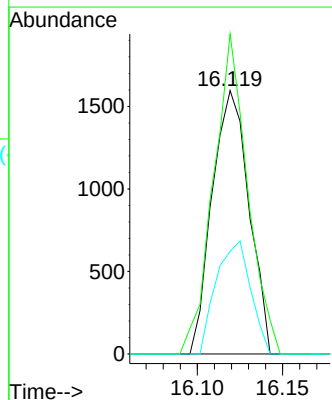
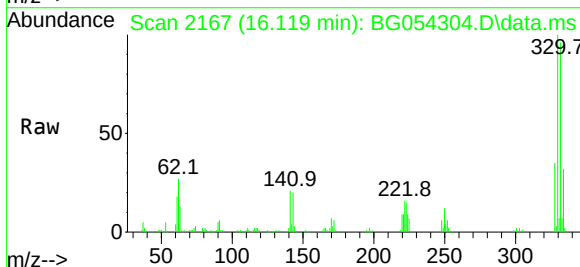
Instrument :
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PB146202TB

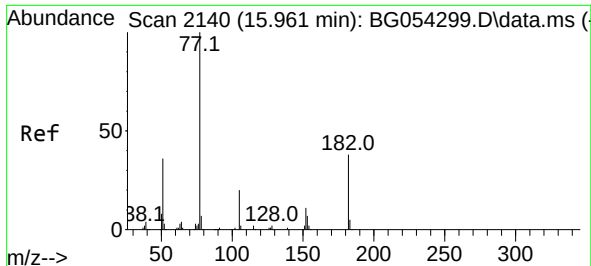
Tgt Ion: 65 Resp: 365
Ion Ratio Lower Upper
65 100
92 178.4 51.5 77.3#
138 0.0 71.3 106.9#



#58
Fluorene
Concen: 0.571 ng
RT: 16.119 min Scan# 2167
Delta R.T. 0.440 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion: 166 Resp: 2393
Ion Ratio Lower Upper
166 100
165 121.5 75.0 112.6#
167 39.0 10.8 16.2#

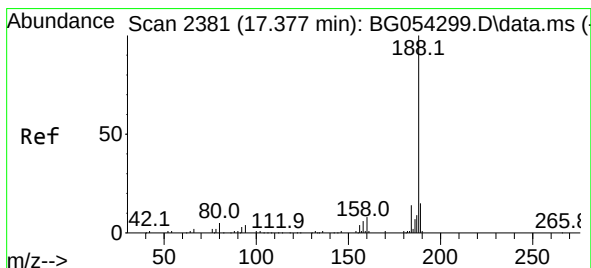
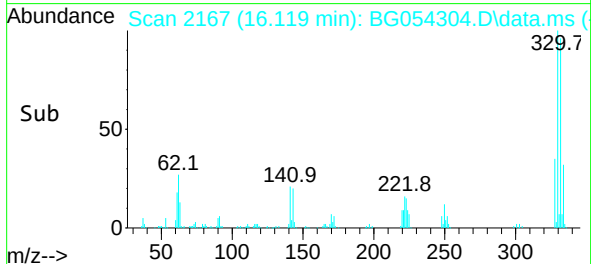
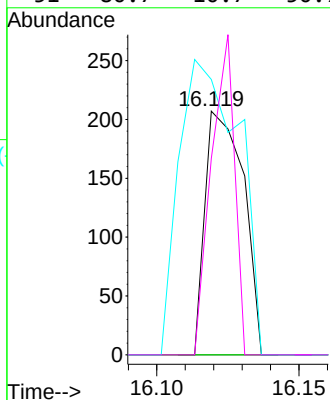
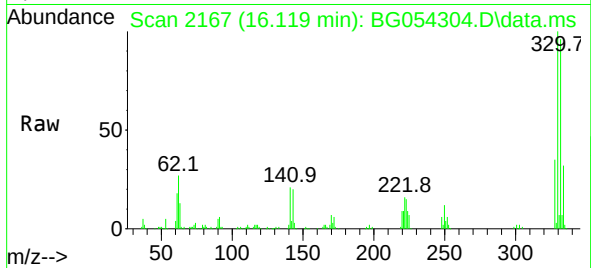




#63
Azobenzene
Concen: 0.064 ng
RT: 16.119 min Scan# 2140
Delta R.T. 0.158 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

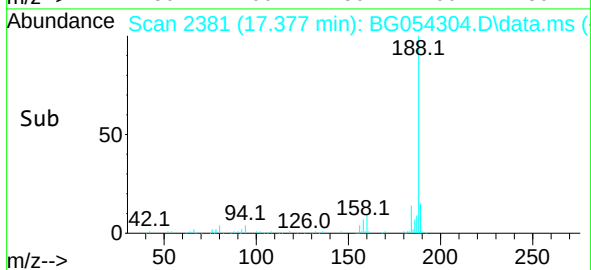
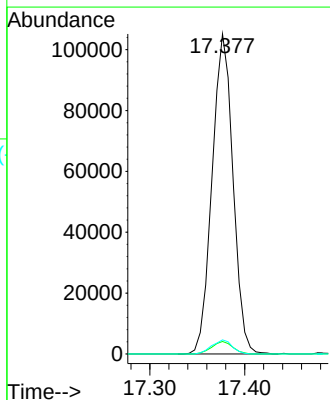
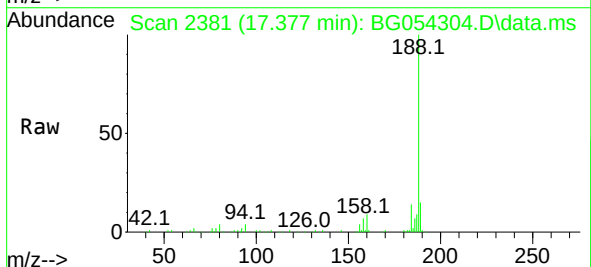
Instrument :
BNA_G
ClientSampleId :
PB146202TB

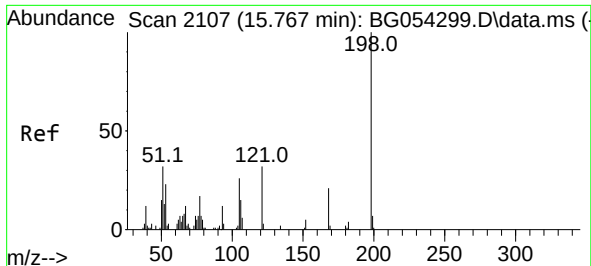
Tgt Ion: 77	Resp: 194
Ion Ratio	Lower Upper
77 100	
182 0.0	3.8 43.8#
105 113.0	0.0 37.8#
51 80.7	10.7 50.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion: 188	Resp: 161049
Ion Ratio	Lower Upper
188 100	
94 3.9	5.4 8.0#
80 4.4	6.8 10.2#

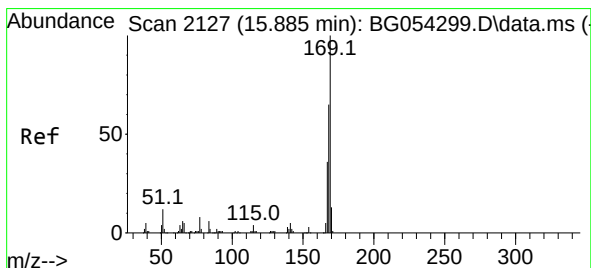
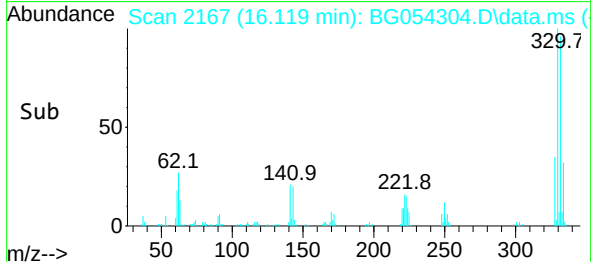
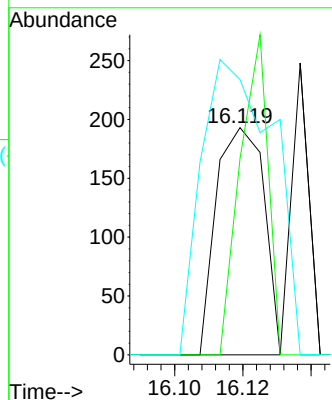
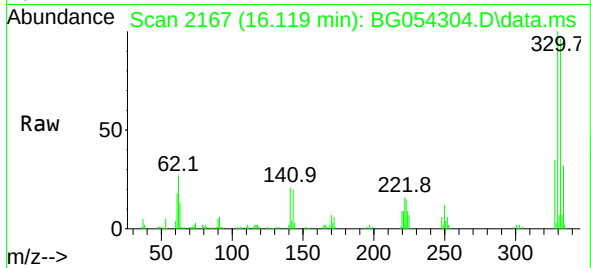




#65
4,6-Dinitro-2-methylphenol
Concen: 0.188 ng
RT: 16.119 min Scan# 2107
Delta R.T. 0.352 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

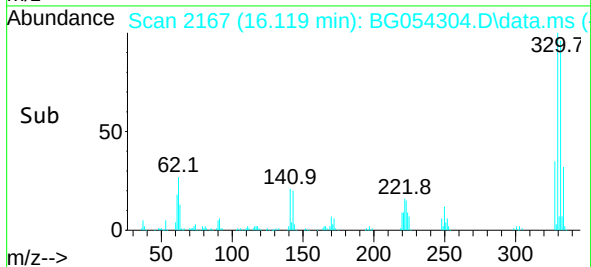
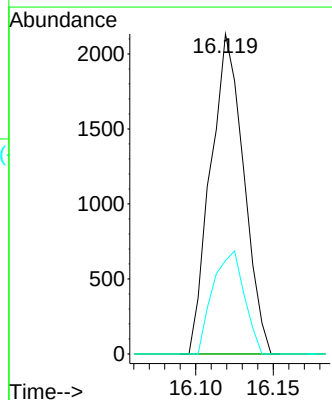
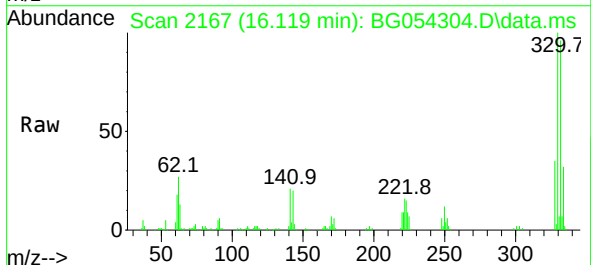
Instrument :
BNA_G
ClientSampleId :
PB146202TB

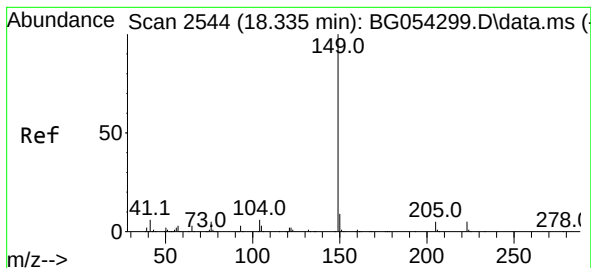
Tgt Ion:198 Resp: 187
Ion Ratio Lower Upper
198 100
51 86.5 28.1 68.1#
105 121.2 20.3 60.3#



#66
n-Nitrosodiphenylamine
Concen: 0.786 ng
RT: 16.119 min Scan# 2167
Delta R.T. 0.234 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:169 Resp: 3160
Ion Ratio Lower Upper
169 100
168 0.0 55.9 83.9#
167 29.2 30.6 46.0#





#74

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.334 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

Instrument :

BNA_G

ClientSampleId :

PB146202TB

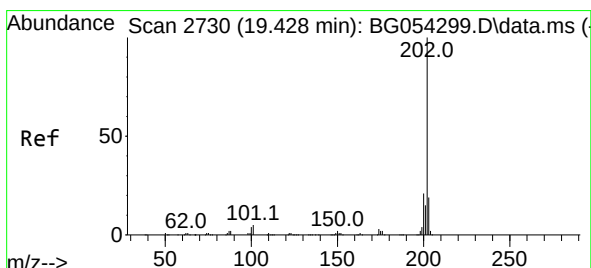
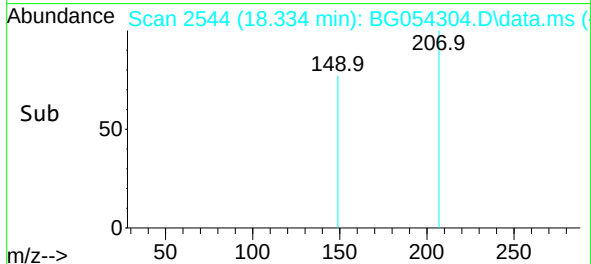
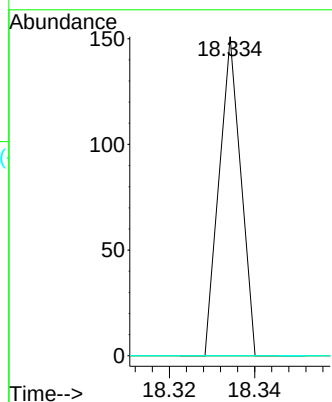
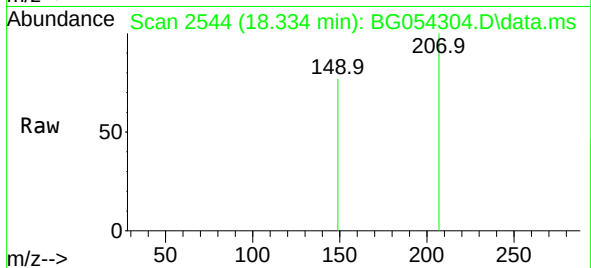
Tgt Ion:149 Resp: 53

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 5.4 8.0#



#75

Fluoranthene

Concen: 0.020 ng

RT: 19.791 min Scan# 2792

Delta R.T. 0.364 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

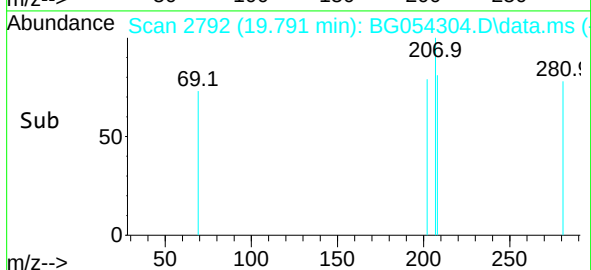
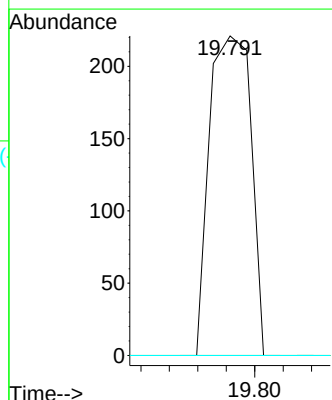
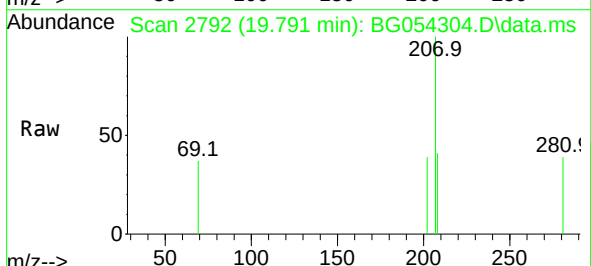
Tgt Ion:202 Resp: 223

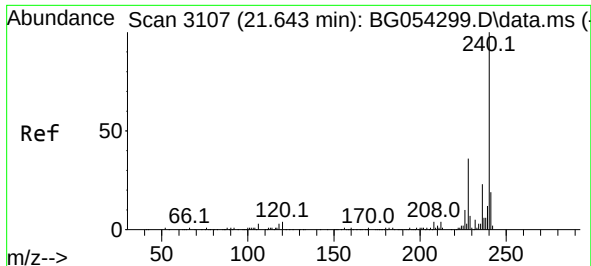
Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.9

203 0.0 0.0 37.2

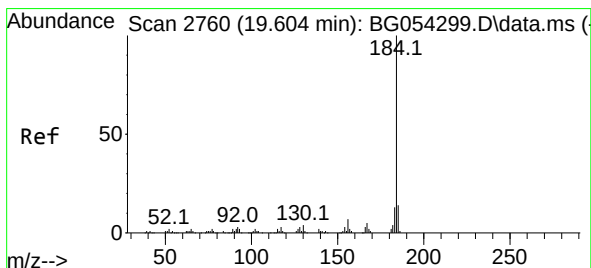
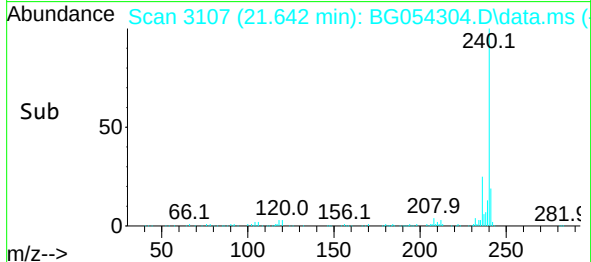
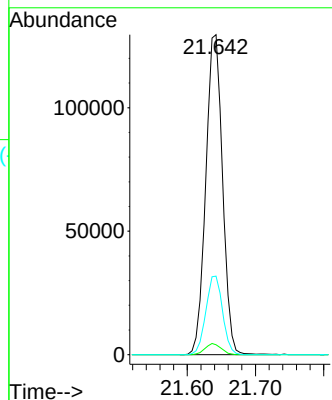
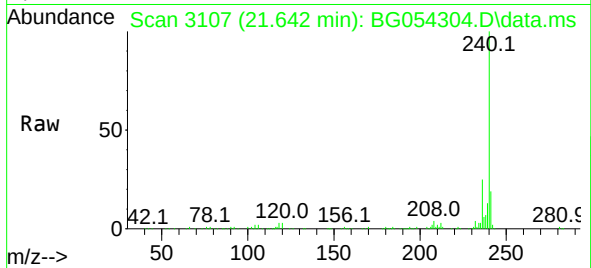




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

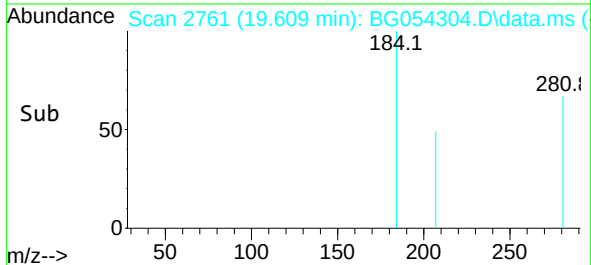
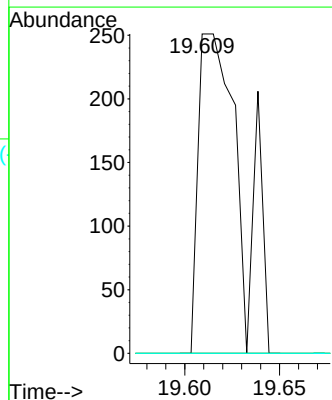
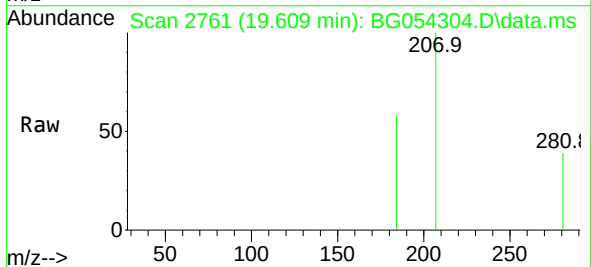
Instrument :
BNA_G
ClientSampleId :
PB146202TB

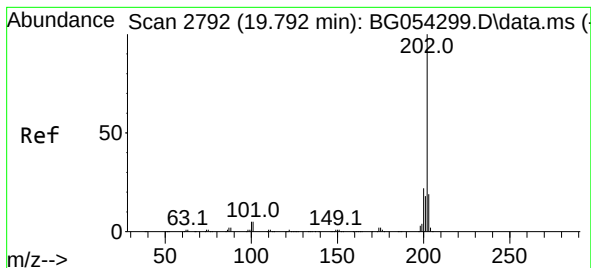
Tgt Ion:240 Resp: 221444
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 24.5 20.2 30.4



#77
Benzidine
Concen: 0.098 ng
RT: 19.609 min Scan# 2761
Delta R.T. 0.005 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:184 Resp: 393
Ion Ratio Lower Upper
184 100
185 0.0 11.8 17.6#
183 0.0 8.9 13.3#





#78

Pyrene

Concen: 0.018 ng

RT: 19.791 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

Instrument :

BNA_G

ClientSampleId :

PB146202TB

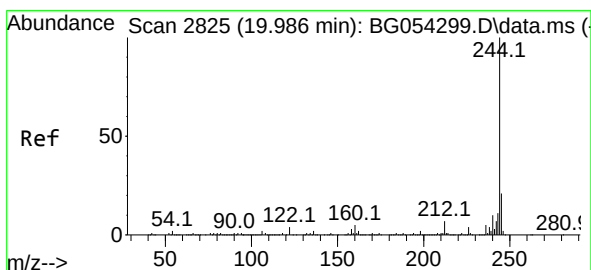
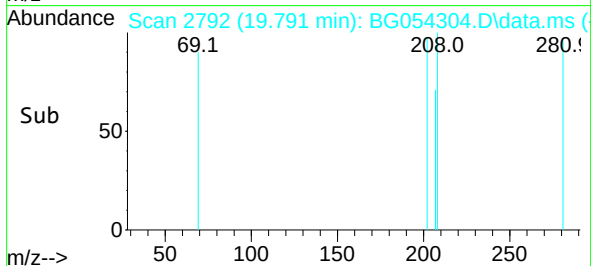
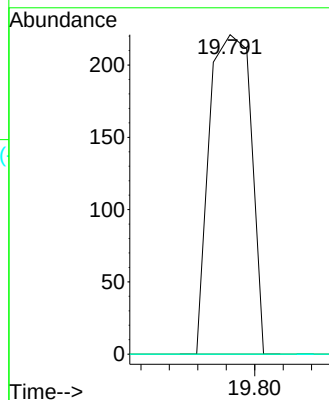
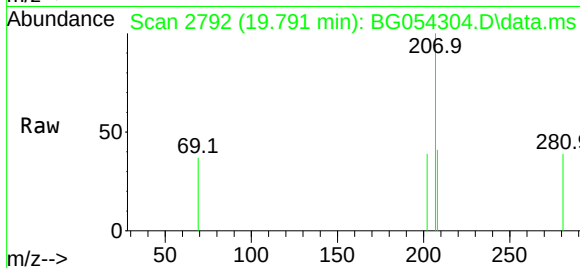
Tgt Ion:202 Resp: 223

Ion Ratio Lower Upper

202 100

200 0.0 16.6 24.8#

203 0.0 14.6 21.8#



#79

Terphenyl-d14

Concen: 84.672 ng

RT: 19.985 min Scan# 2825

Delta R.T. -0.001 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

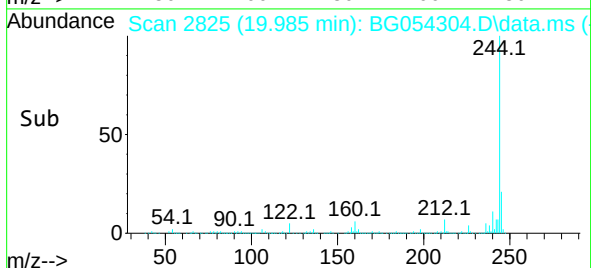
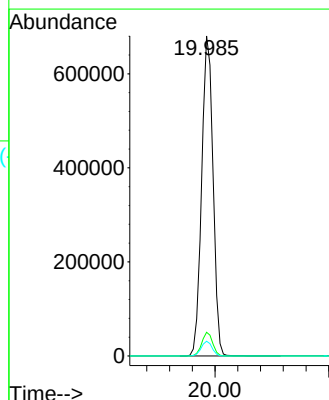
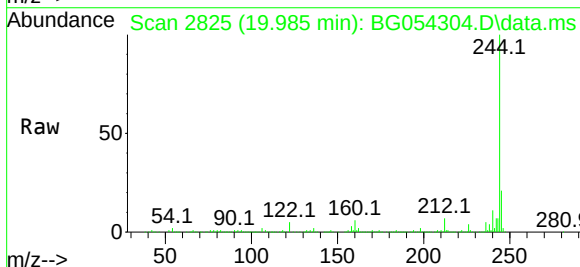
Tgt Ion:244 Resp: 945158

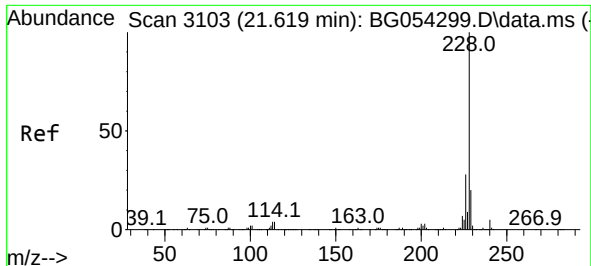
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

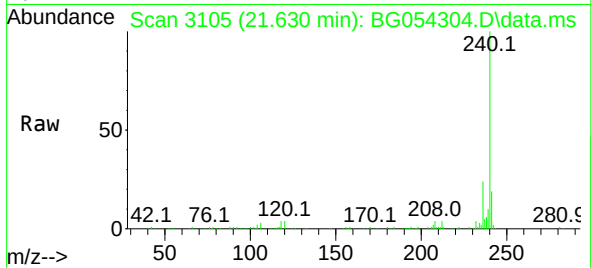
122 4.6 5.0 7.4#



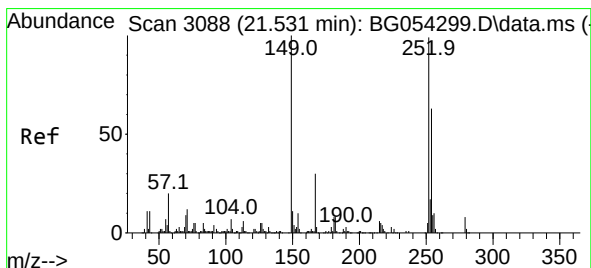
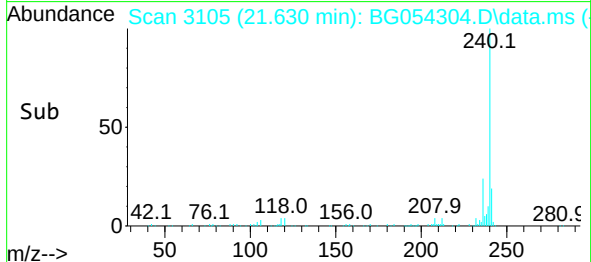
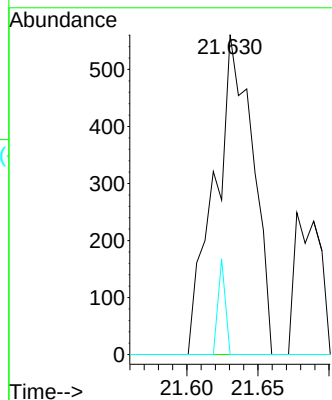


#81
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.630 min Scan# 3105
Delta R.T. 0.011 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Instrument :
BNA_G
ClientSampleId :
PB146202TB

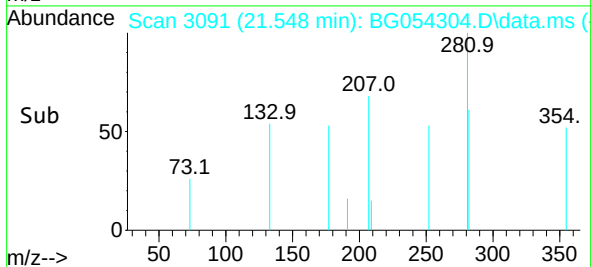
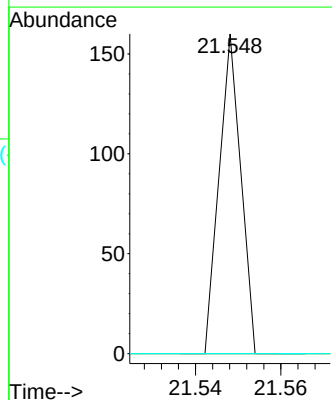
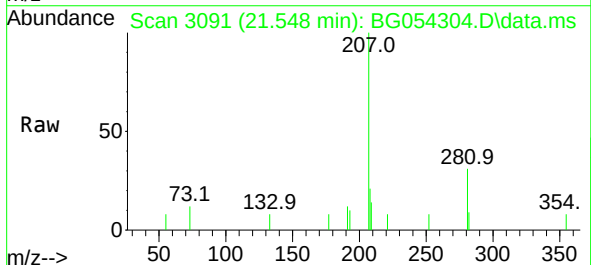


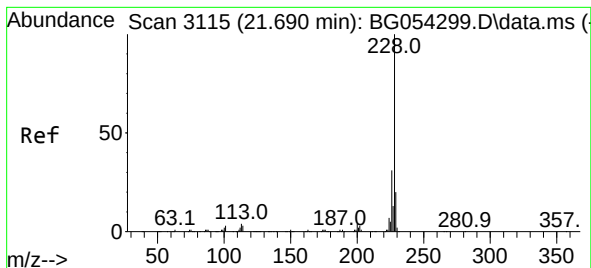
Tgt Ion:228 Resp: 1047
Ion Ratio Lower Upper
228 100
226 0.0 21.6 32.4#
229 0.0 16.2 24.2#



#82
3,3'-Dichlorobenzidine
Concen: 0.013 ng
RT: 21.548 min Scan# 3091
Delta R.T. 0.017 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:252 Resp: 56
Ion Ratio Lower Upper
252 100
254 0.0 49.8 74.8#
126 0.0 6.0 9.0#





#83

Chrysene

Concen: 0.023 ng

RT: 21.677 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

Instrument :

BNA_G

ClientSampleId :

PB146202TB

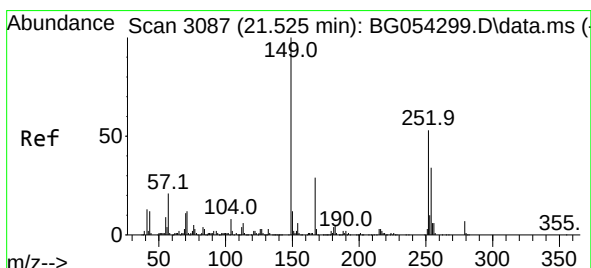
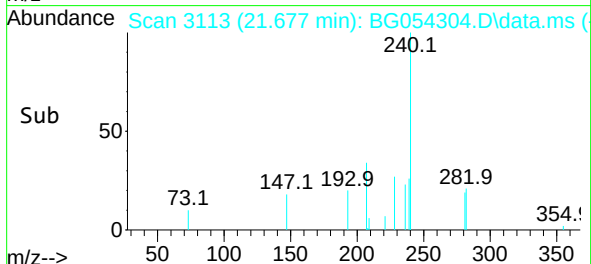
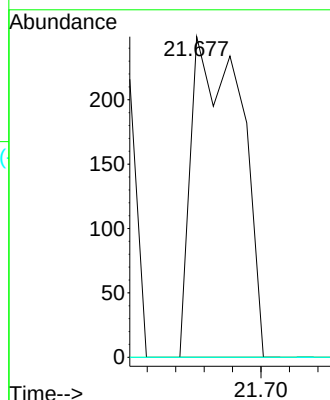
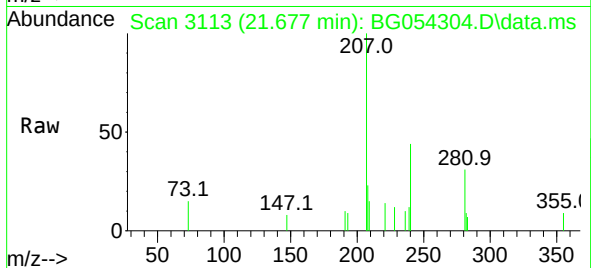
Tgt Ion:228 Resp: 303

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

229 0.0 15.5 23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 21.519 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

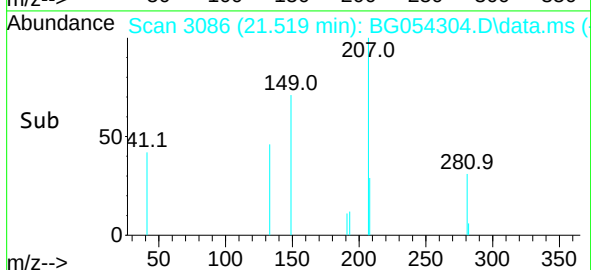
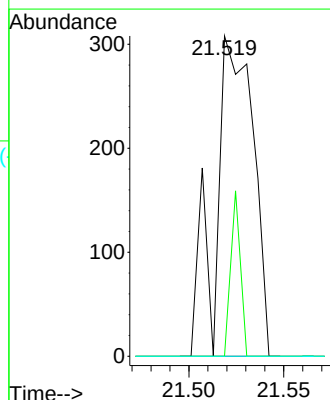
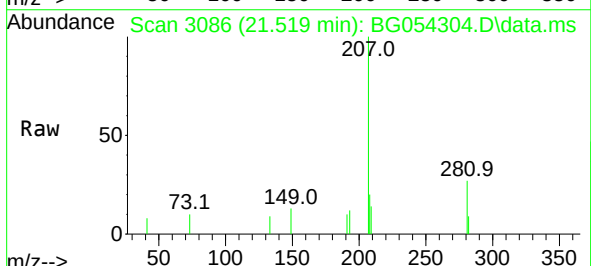
Tgt Ion:149 Resp: 427

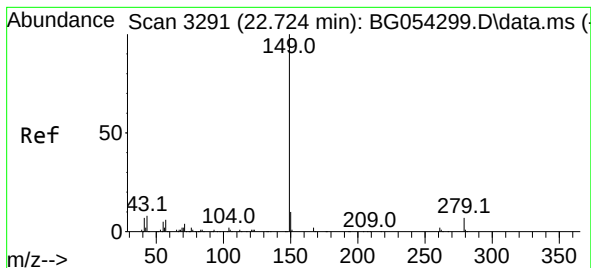
Ion Ratio Lower Upper

149 100

167 0.0 20.2 30.4#

279 0.0 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 0.016 ng

RT: 22.711 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

Instrument :

BNA_G

ClientSampleId :

PB146202TB

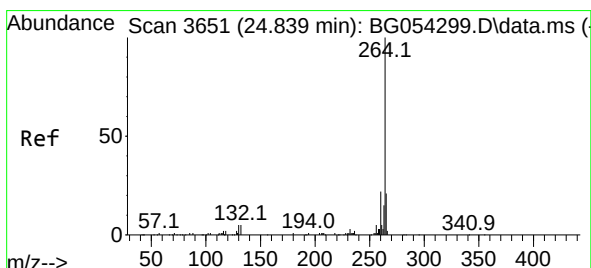
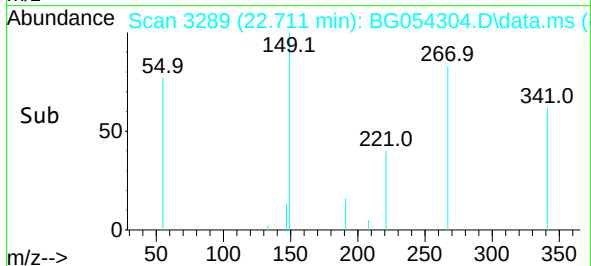
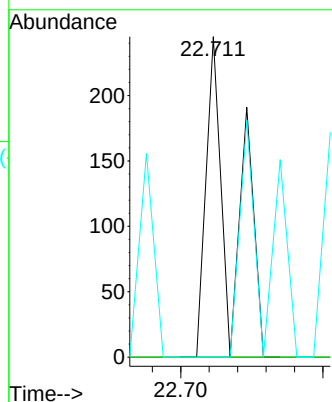
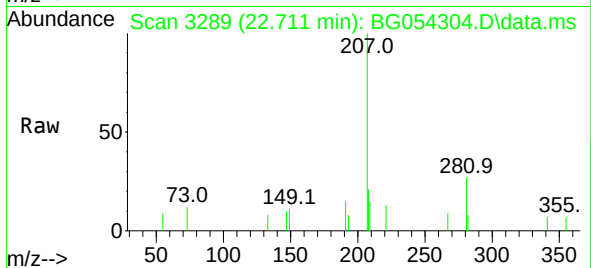
Tgt Ion:149 Resp: 154

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 76.0 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.838 min Scan# 3651

Delta R.T. -0.001 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

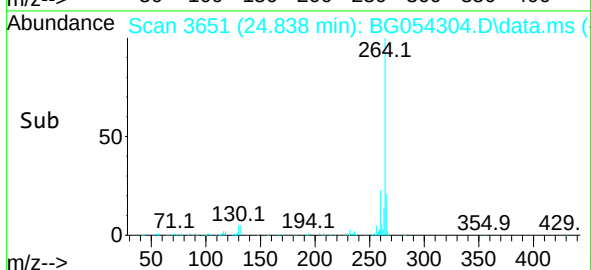
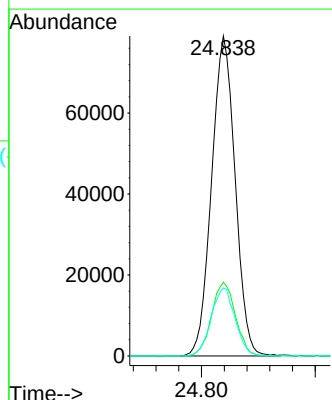
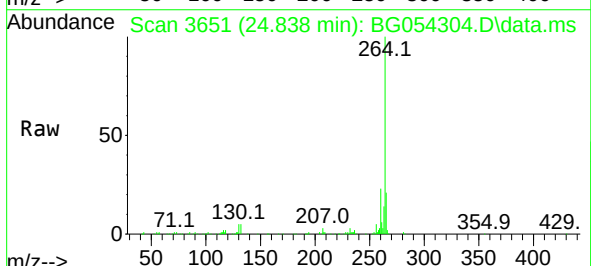
Tgt Ion:264 Resp: 226783

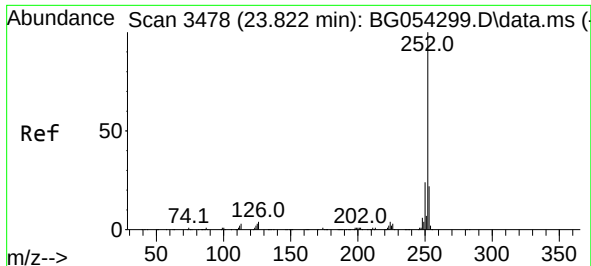
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.3 17.4 26.2

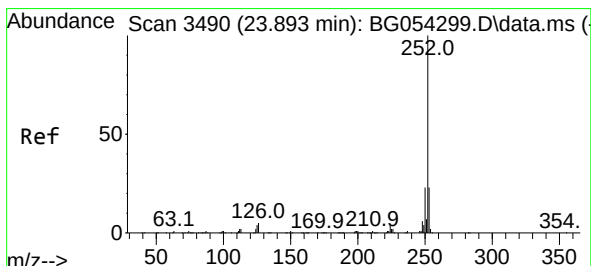
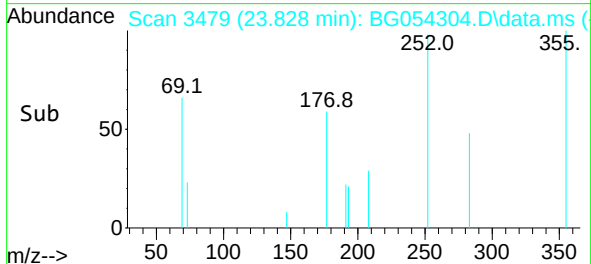
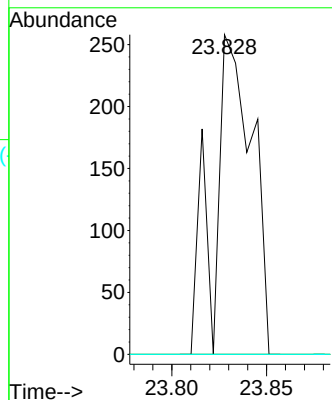
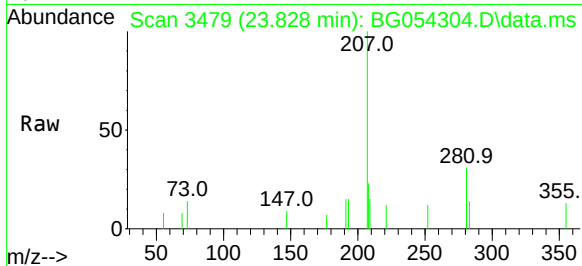




#88
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 23.828 min Scan# 3478
Delta R.T. 0.005 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

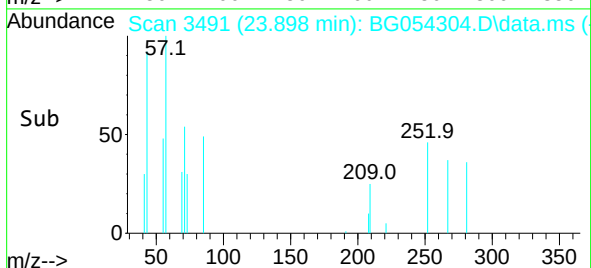
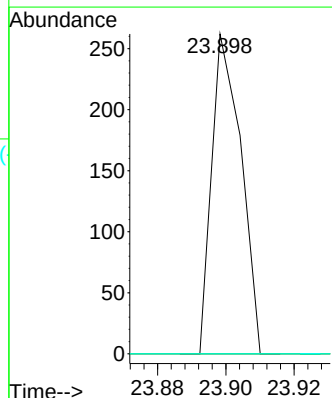
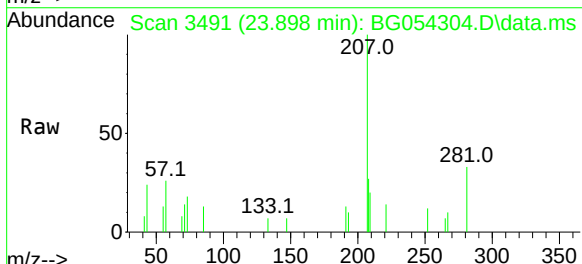
Instrument :
BNA_G
ClientSampleId :
PB146202TB

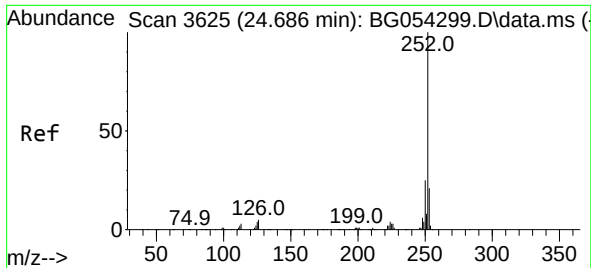
Tgt Ion:252 Resp: 362
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 0.0 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 23.898 min Scan# 3491
Delta R.T. 0.005 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:252 Resp: 155
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 0.0 4.8 7.2#





#90
 Benzo(a)pyrene
 Concen: 0.006 ng
 RT: 24.691 min Scan# 30
 Delta R.T. 0.005 min
 Lab File: BG054304.D
 Acq: 15 Jul 2022 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB146202TB

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	4.3	6.5#

