

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038517.D
 Acq On : 23 Jan 2023 20:17
 Operator : CG/JU
 Sample : PB150200BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150200BL

Quant Time: Jan 24 05:17:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

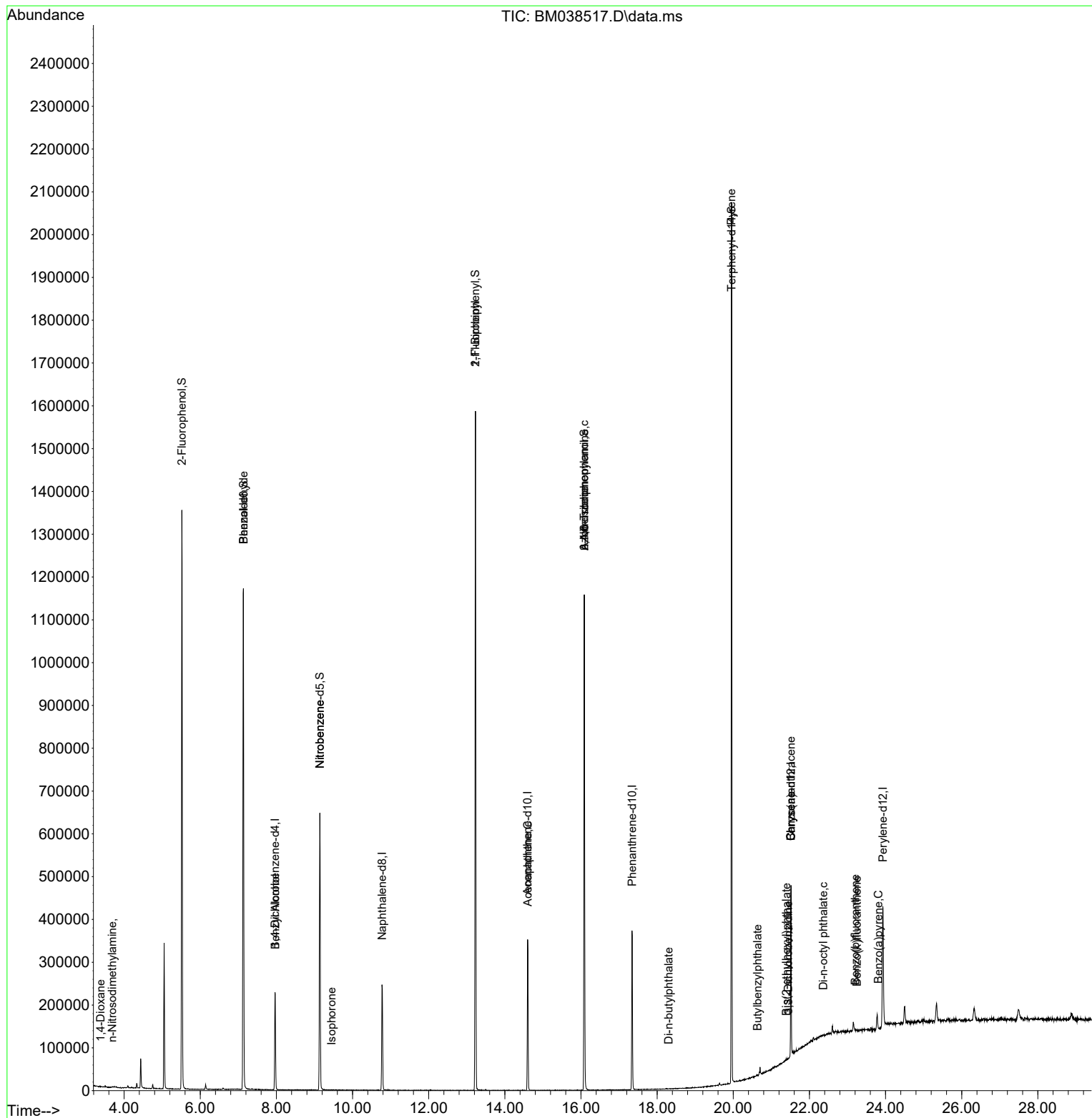
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	57982	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	188794	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	112288	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	221148	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	191077	20.000	ng	# 0.00
86) Perylene-d12	23.927	264	219826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	494410	140.962	ng	0.00
7) Phenol-d6	7.134	99	585184	130.766	ng	0.00
23) Nitrobenzene-d5	9.140	82	354180	81.466	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	190585	117.865	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	733948	80.515	ng	0.00
79) Terphenyl-d14	19.956	244	907807	92.621	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	119	0.072	ng	# 1
4) n-Nitrosodimethylamine	3.687	42	406	0.198	ng	# 1
9) Benzaldehyde	7.134	77	1654	0.623	ng	# 5
15) Benzyl Alcohol	7.969	79	1877	0.561	ng	# 19
24) Nitrobenzene	9.140	77	1688	0.384	ng	# 50
25) Isophorone	9.445	82	55	0.008	ng	# 67
46) 1,1'-Biphenyl	13.227	154	1133	0.126	ng	# 1
52) Acenaphthene	14.604	154	330	0.049	ng	# 4
63) Azobenzene	16.086	77	1456	0.162	ng	# 22
66) n-Nitrosodiphenylamine	16.086	169	5918	0.891	ng	# 47
74) Di-n-butylphthalate	18.304	149	177	0.015	ng	# 78
78) Pyrene	19.951	202	2955	0.222	ng	# 70
80) Butylbenzylphthalate	20.639	149	327	0.071	ng	# 23
81) Benzo(a)anthracene	21.515	228	462	0.034	ng	# 51
82) 3,3'-Dichlorobenzidine	21.445	252	56	0.013	ng	# 25
83) Chrysene	21.515	228	462	0.035	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.392	149	70	0.010	ng	# 53
85) Di-n-octyl phthalate	22.362	149	280	0.024	ng	# 1
88) Benzo(b)fluoranthene	23.203	252	390	0.029	ng	# 28
89) Benzo(k)fluoranthene	23.250	252	241	0.018	ng	# 1
90) Benzo(a)pyrene	23.809	252	405	0.031	ng	# 1

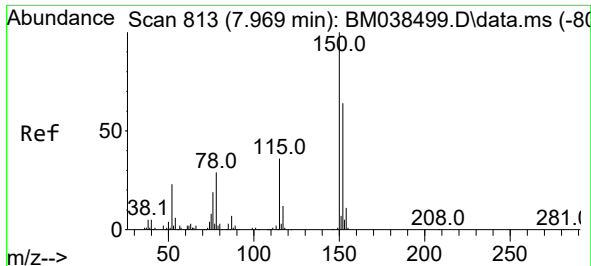
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
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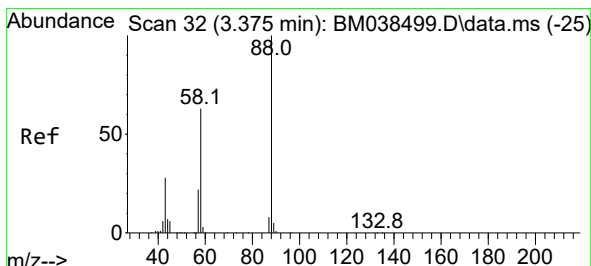
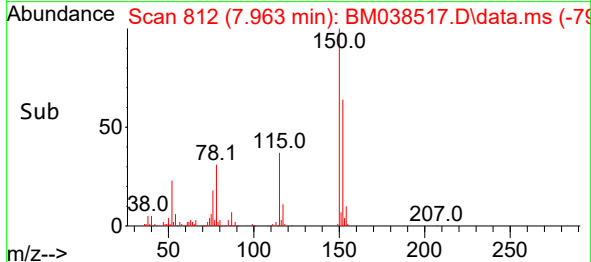
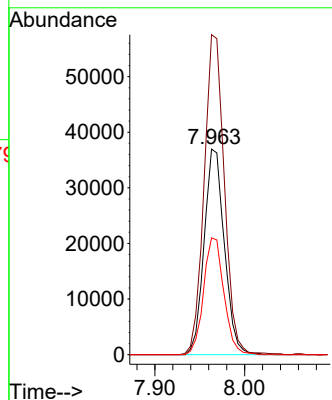
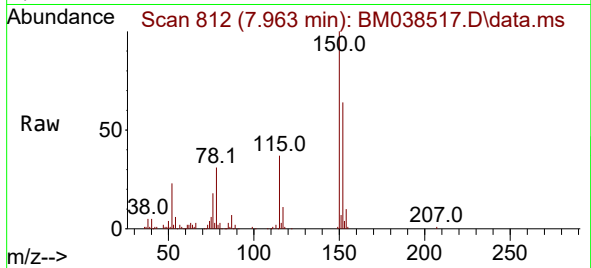




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

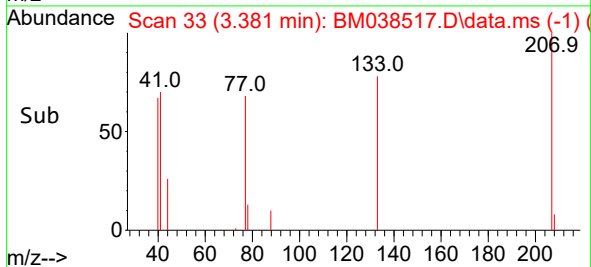
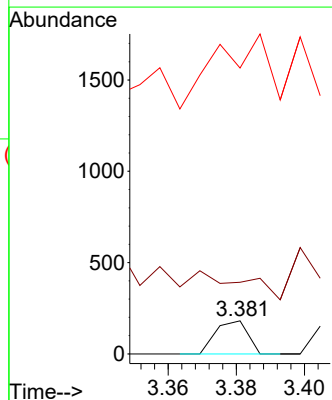
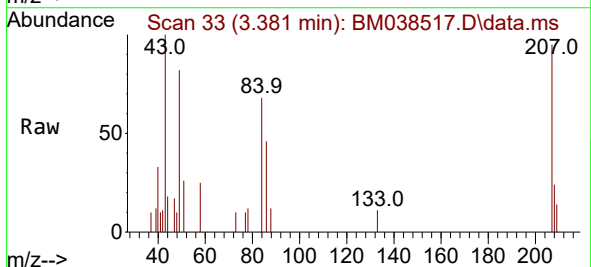
Instrument :
BNA_M
ClientSampleId :
PB150200BL

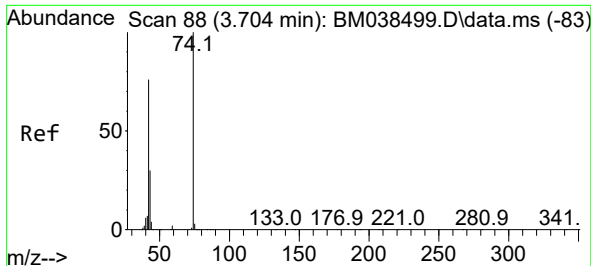
Tgt Ion:152 Resp: 57982
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.4
115 56.8 44.8 67.2



#2
1,4-Dioxane
Concen: 0.072 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
58 0.0 50.5 75.7#
43 363.0 23.9 35.9#

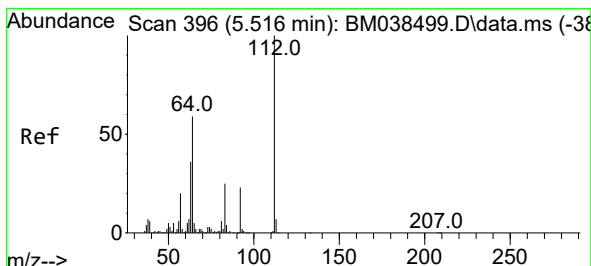
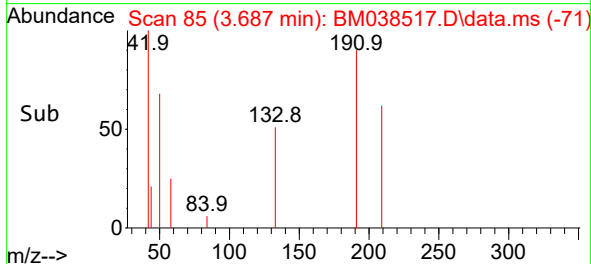
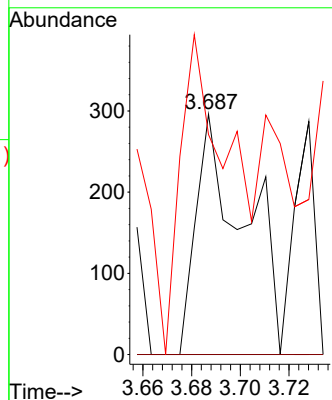
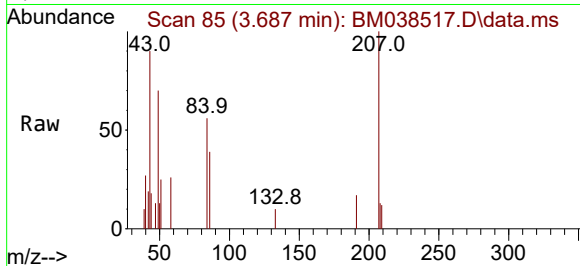




#4
n-Nitrosodimethylamine
Concen: 0.198 ng
RT: 3.687 min Scan# 81
Delta R.T. -0.017 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

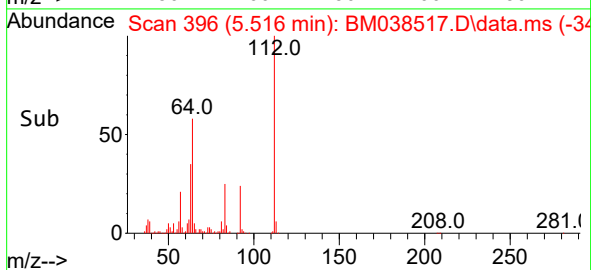
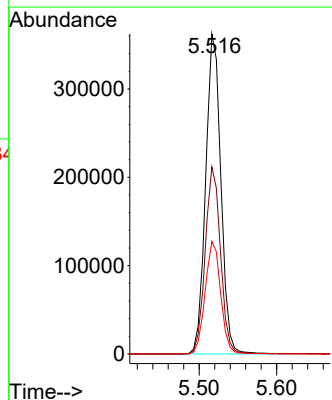
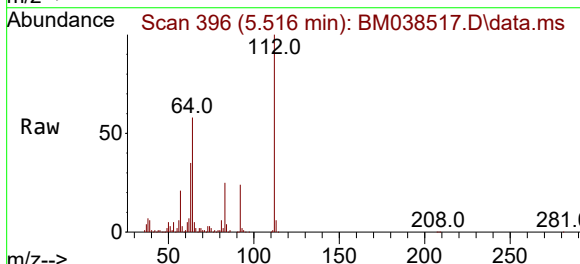
Instrument :
BNA_M
ClientSampleId :
PB150200BL

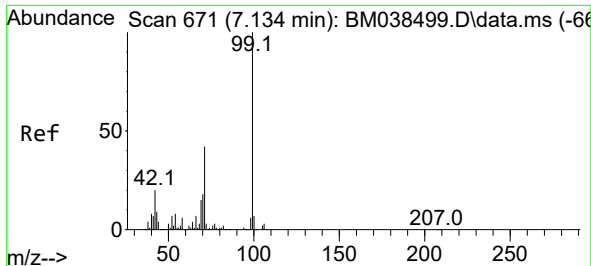
Tgt Ion: 42 Resp: 406
Ion Ratio Lower Upper
42 100
74 0.0 105.0 157.4#
44 91.6 4.1 6.1#



#5
2-Fluorophenol
Concen: 140.962 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion: 112 Resp: 494410
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 35.1 28.8 43.2

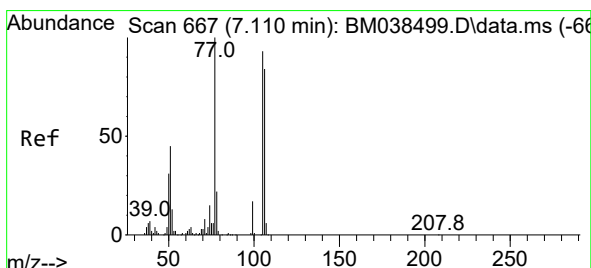
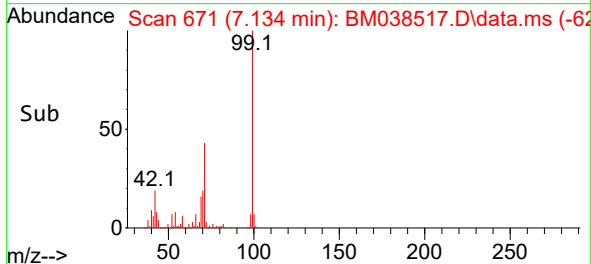
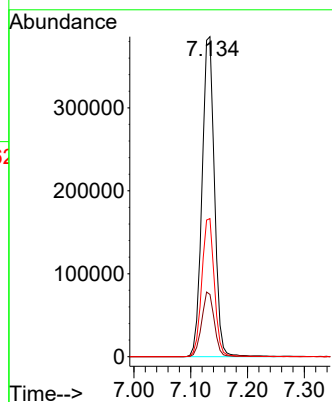
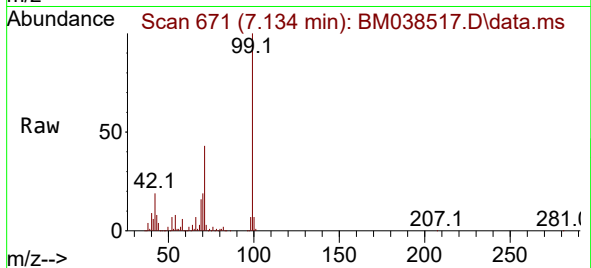




#7
Phenol-d6
Concen: 130.766 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

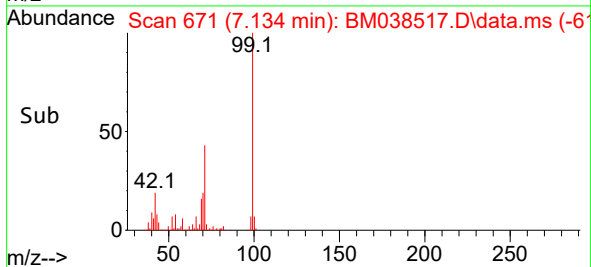
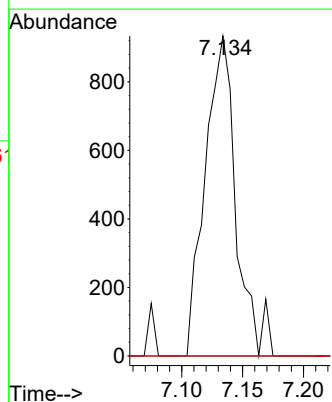
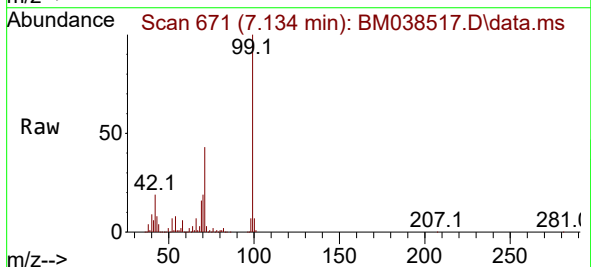
Instrument :
BNA_M
ClientSampleId :
PB150200BL

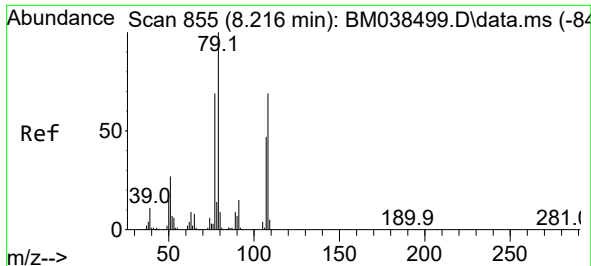
Tgt Ion: 99 Resp: 585184
Ion Ratio Lower Upper
99 100
42 19.5 16.0 24.0
71 43.2 33.8 50.6



#9
Benzaldehyde
Concen: 0.623 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.024 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion: 77 Resp: 1654
Ion Ratio Lower Upper
77 100
105 0.0 72.9 112.9#
106 0.0 63.8 103.8#

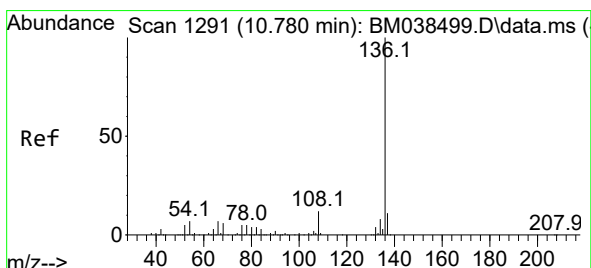
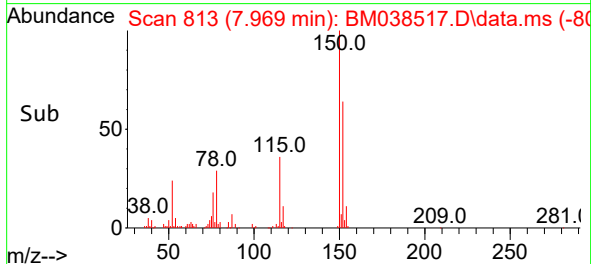
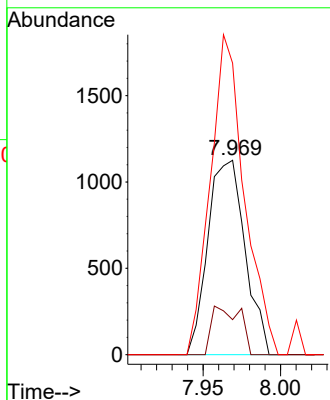
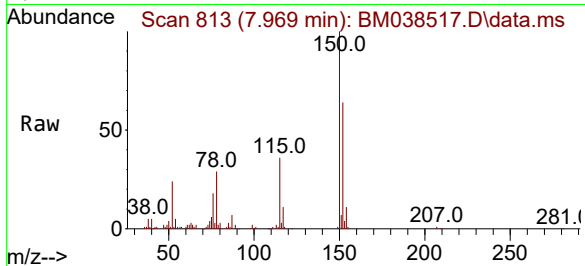




#15
Benzyl Alcohol
Concen: 0.561 ng
RT: 7.969 min Scan# 81
Delta R.T. -0.247 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

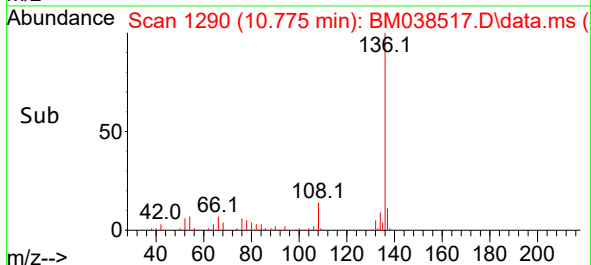
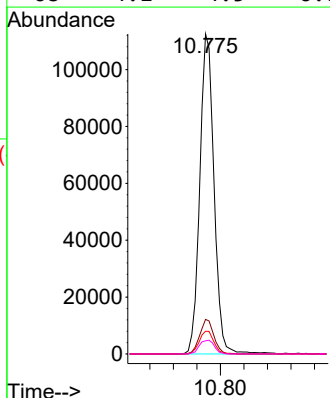
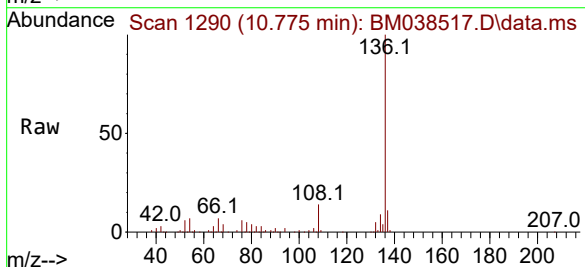
Instrument :
BNA_M
ClientSampleId :
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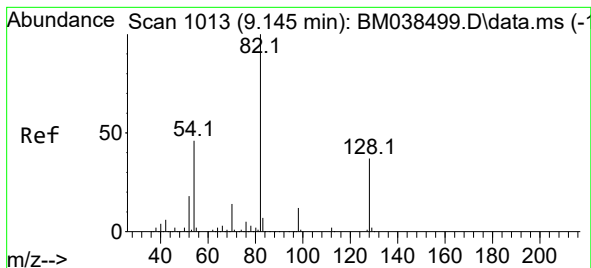
Tgt Ion: 79 Resp: 1877
Ion Ratio Lower Upper
79 100
108 18.0 55.0 82.6#
77 149.9 55.0 82.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion:136 Resp: 188794
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.1 6.0 9.0
68 4.1 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 81.466 ng

RT: 9.140 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

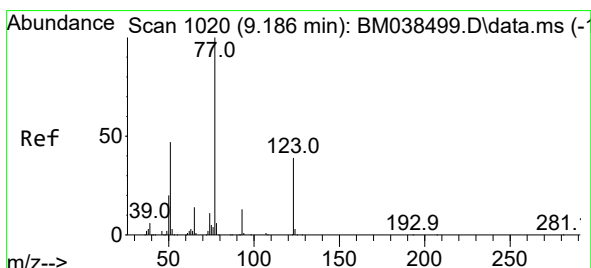
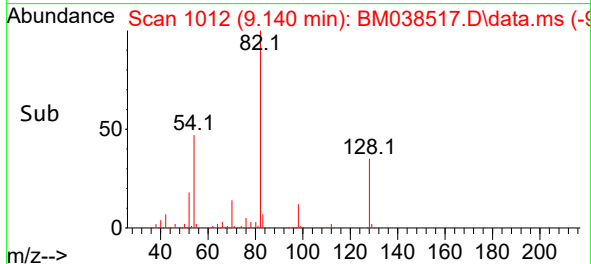
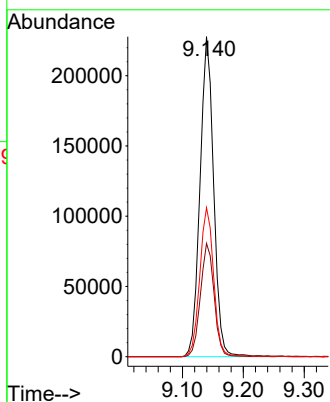
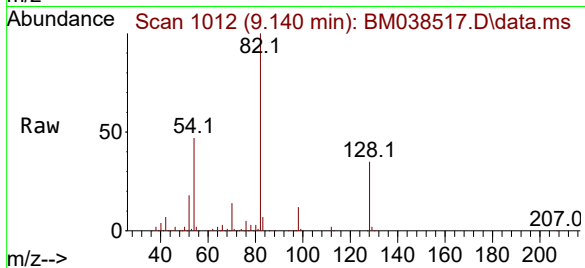
Tgt Ion: 82 Resp: 354180

Ion Ratio Lower Upper

82 100

128 35.4 29.3 43.9

54 46.5 36.9 55.3



#24

Nitrobenzene

Concen: 0.384 ng

RT: 9.140 min Scan# 1012

Delta R.T. -0.047 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

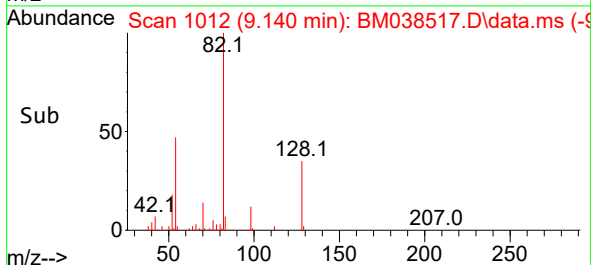
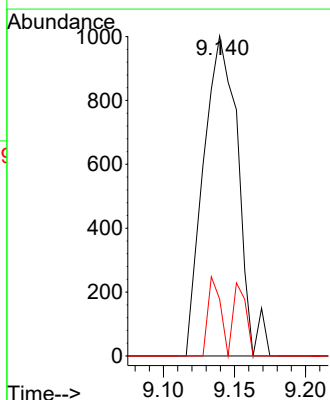
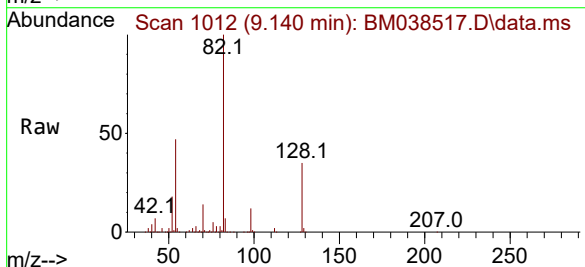
Tgt Ion: 77 Resp: 1688

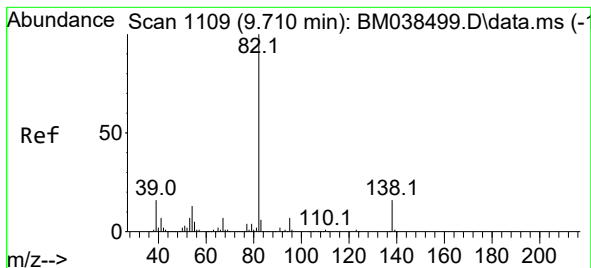
Ion Ratio Lower Upper

77 100

123 0.0 31.5 47.3#

65 17.8 11.2 16.8#





#25

Isophorone

Concen: 0.008 ng

RT: 9.445 min Scan# 1109

Delta R.T. -0.264 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

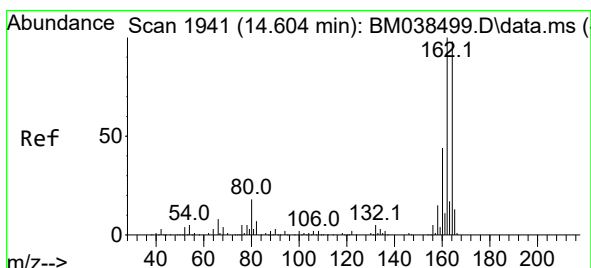
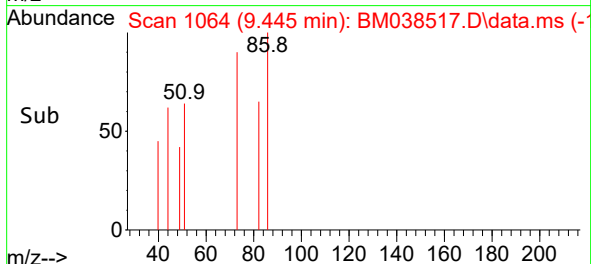
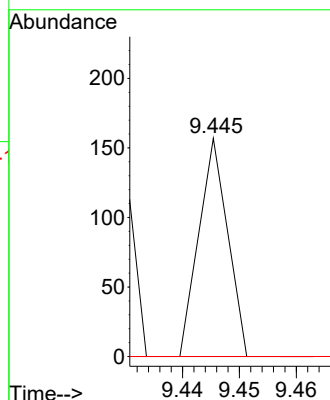
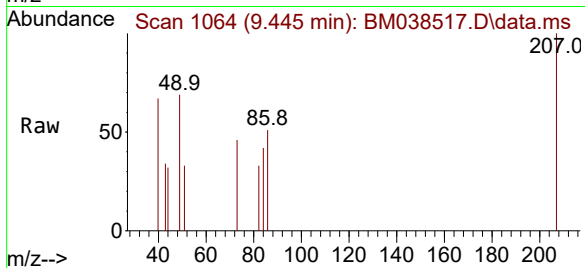
Tgt Ion: 82 Resp: 55

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

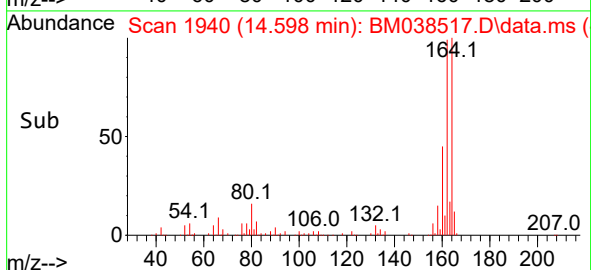
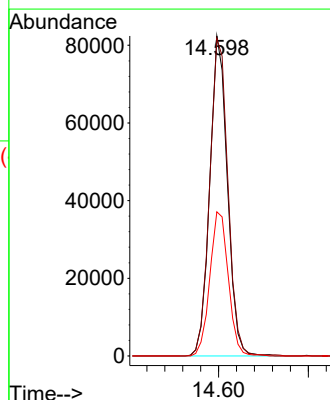
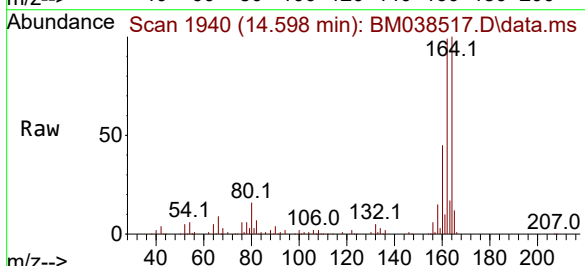
Tgt Ion: 164 Resp: 112288

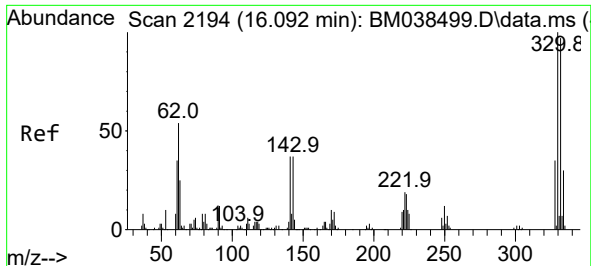
Ion Ratio Lower Upper

164 100

162 99.3 82.0 123.0

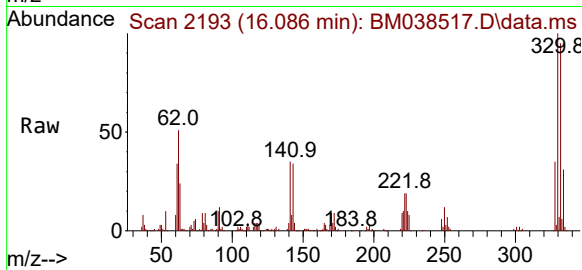
160 45.0 35.8 53.6



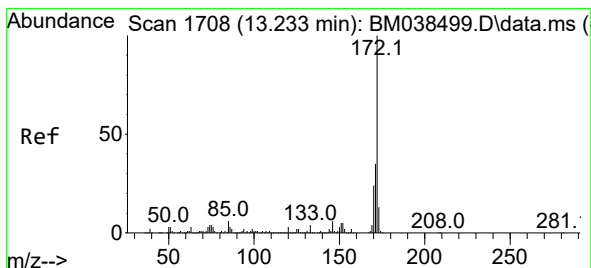
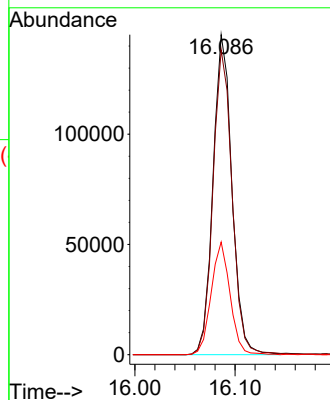
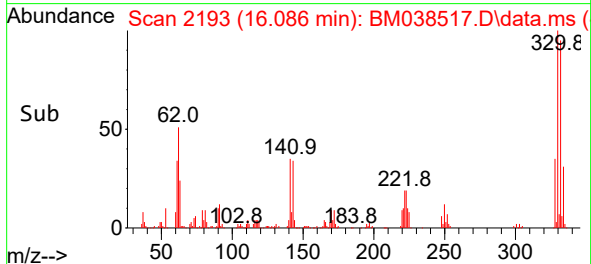


#42
2,4,6-Tribromophenol
Concen: 117.865 ng
RT: 16.086 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

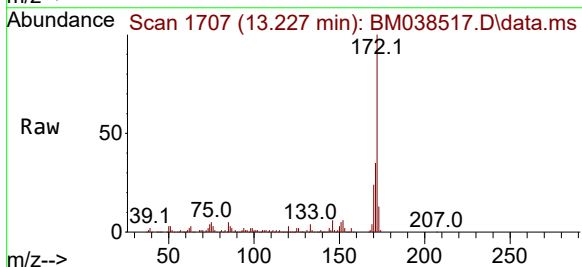
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BNA_M
ClientSampleId :
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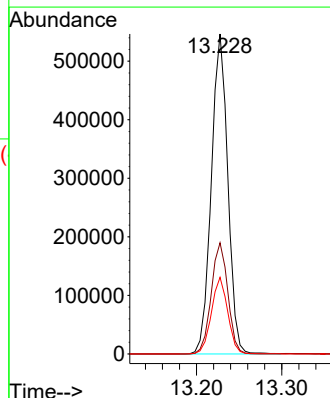
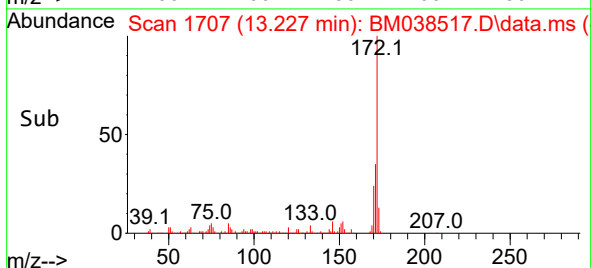
Tgt Ion:330 Resp: 190585
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 35.0 29.0 43.4

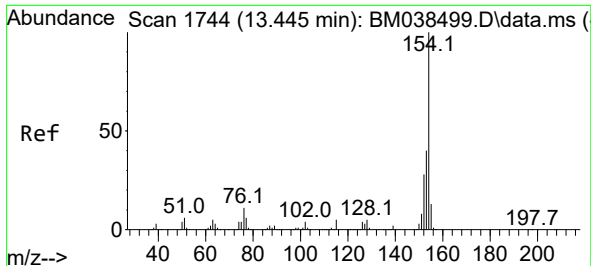


#45
2-Fluorobiphenyl
Concen: 80.515 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17



Tgt Ion:172 Resp: 733948
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.9 19.5 29.3

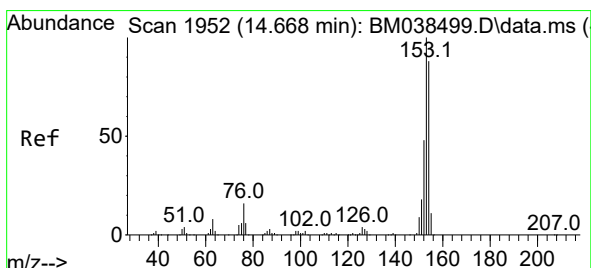
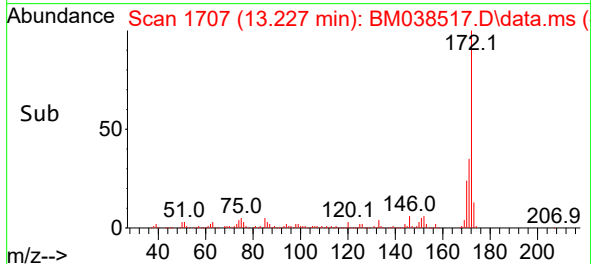
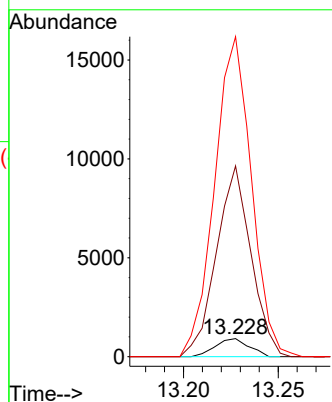
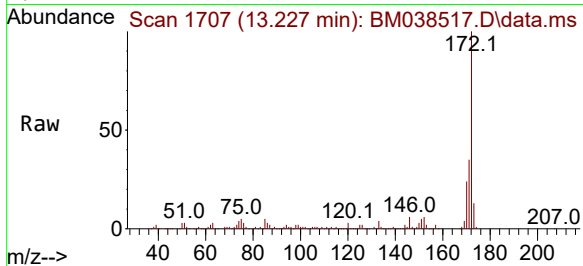




#46
1,1'-Biphenyl
Concen: 0.126 ng
RT: 13.227 min Scan# 1
Delta R.T. -0.217 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

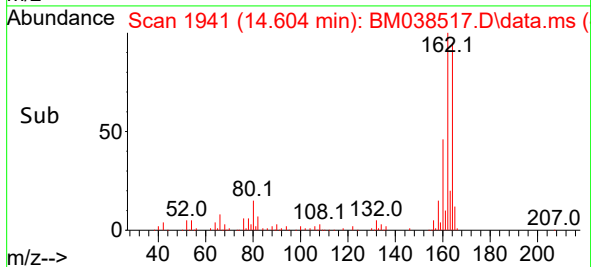
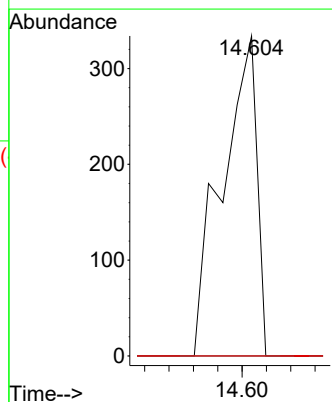
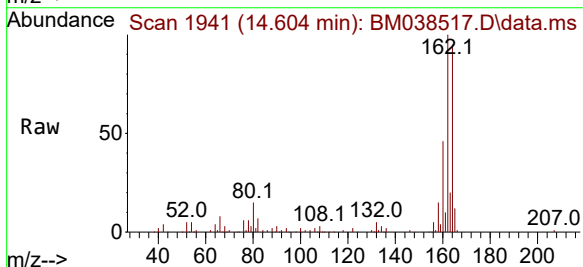
Instrument :
BNA_M
ClientSampleId :
PB150200BL

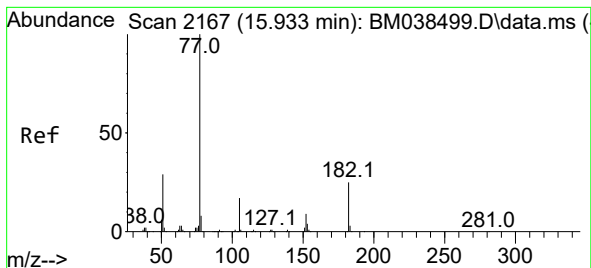
Tgt Ion:154 Resp: 1133
Ion Ratio Lower Upper
154 100
153 1057.1 20.1 60.1#
76 1774.0 0.0 31.3#



#52
Acenaphthene
Concen: 0.049 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.065 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion:154 Resp: 330
Ion Ratio Lower Upper
154 100
153 0.0 90.7 136.1#
152 0.0 43.8 65.8#





#63

Azobenzene

Concen: 0.162 ng

RT: 16.086 min Scan# 2167

Delta R.T. 0.153 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

Tgt Ion: 77 Resp: 1456

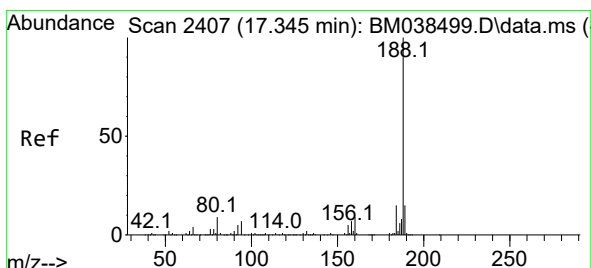
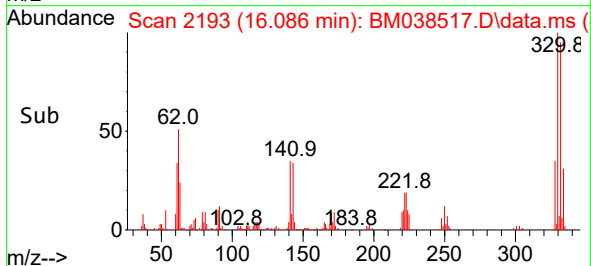
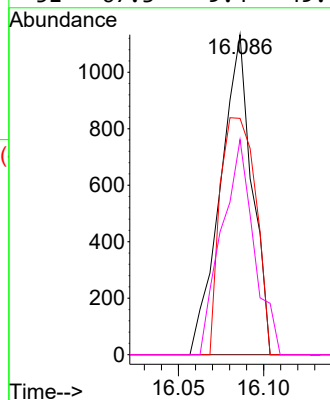
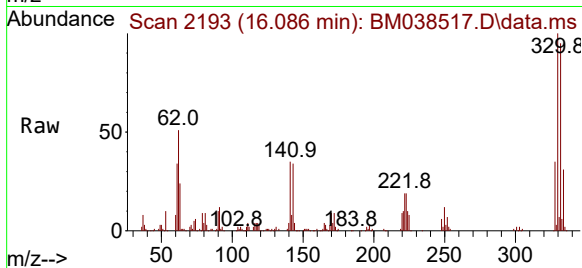
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 73.9 0.0 36.7#

51 67.3 9.4 49.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

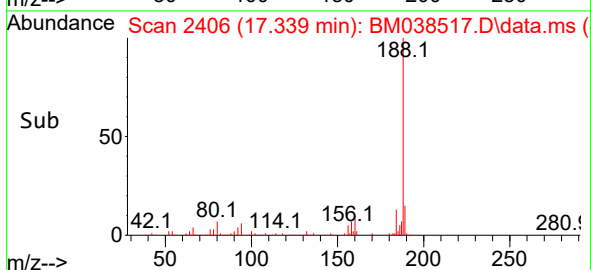
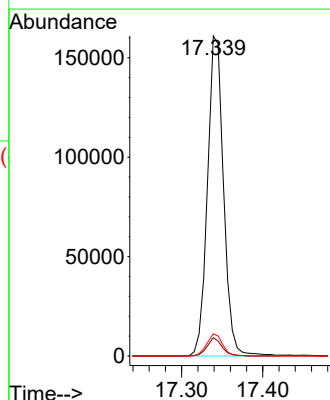
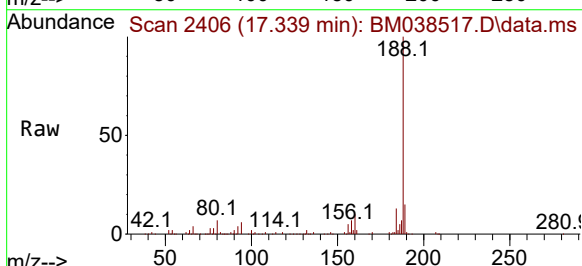
Tgt Ion:188 Resp: 221148

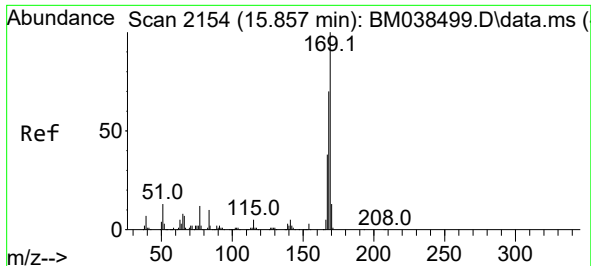
Ion Ratio Lower Upper

188 100

94 5.7 6.0 9.0#

80 6.9 6.9 10.3

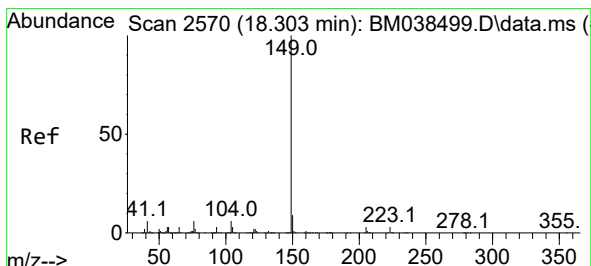
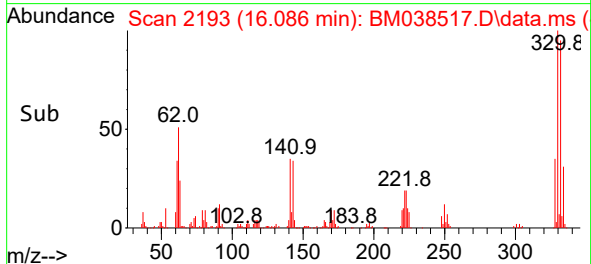
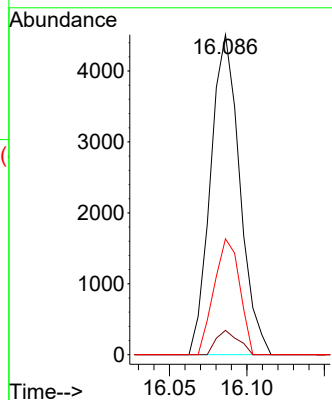
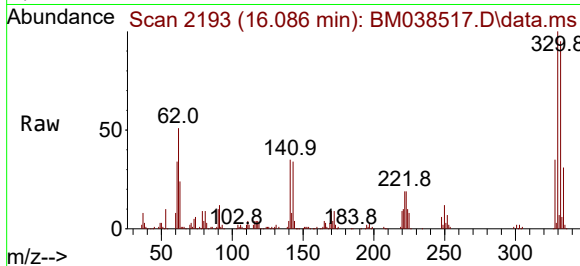




#66
n-Nitrosodiphenylamine
Concen: 0.891 ng
RT: 16.086 min Scan# 2154
Delta R.T. 0.230 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

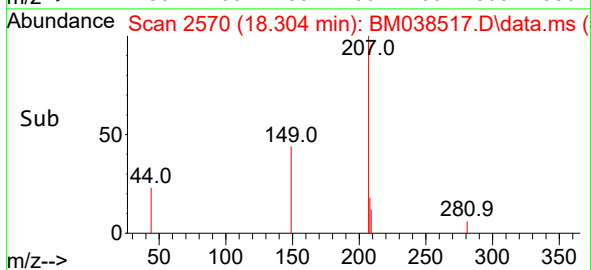
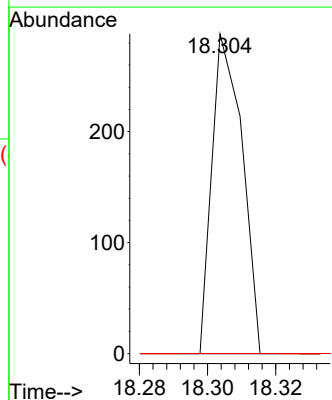
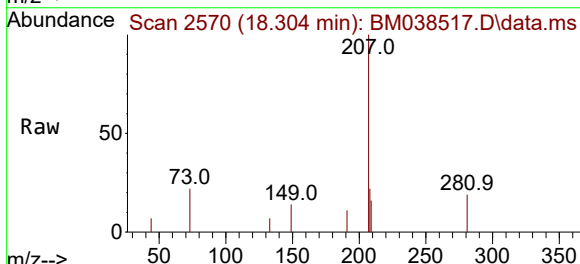
Instrument :
BNA_M
ClientSampleId :
PB150200BL

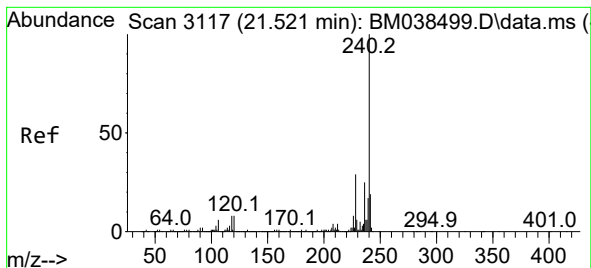
Tgt Ion:169 Resp: 5918
Ion Ratio Lower Upper
169 100
168 7.6 55.8 83.8#
167 43.8 30.3 45.5



#74
Di-n-butylphthalate
Concen: 0.015 ng
RT: 18.304 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion:149 Resp: 177
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.6 6.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

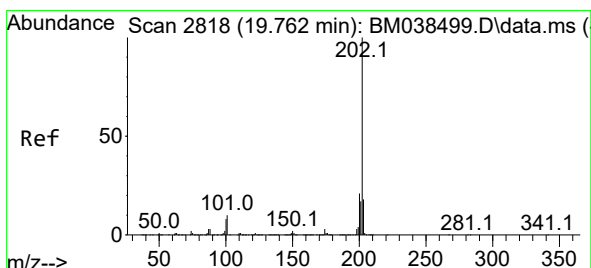
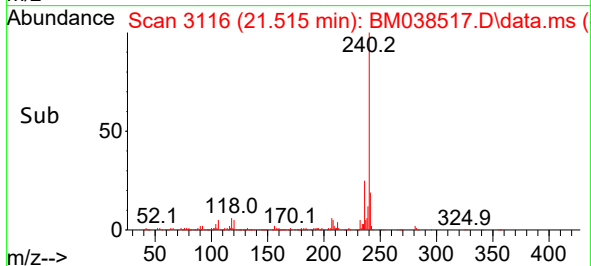
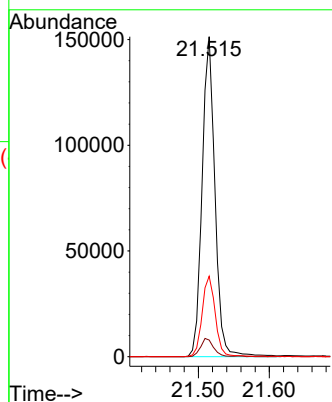
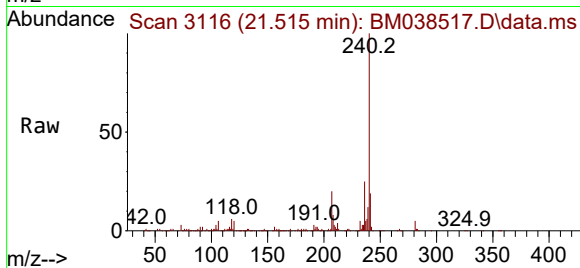
Tgt Ion:240 Resp: 191077

Ion Ratio Lower Upper

240 100

120 5.2 6.2 9.2#

236 25.1 20.2 30.2



#78

Pyrene

Concen: 0.222 ng

RT: 19.951 min Scan# 2850

Delta R.T. 0.188 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

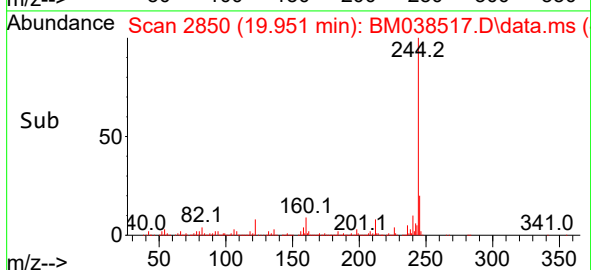
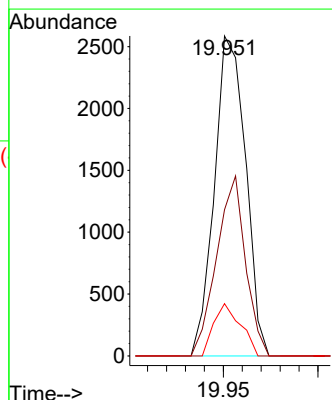
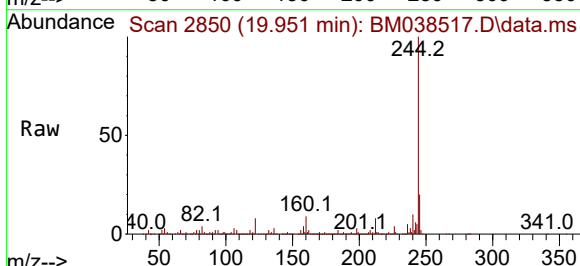
Tgt Ion:202 Resp: 2955

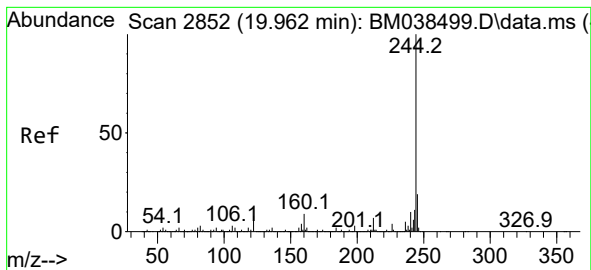
Ion Ratio Lower Upper

202 100

200 45.7 17.0 25.4#

203 16.4 14.2 21.2





#79

Terphenyl-d14

Concen: 92.621 ng

RT: 19.956 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

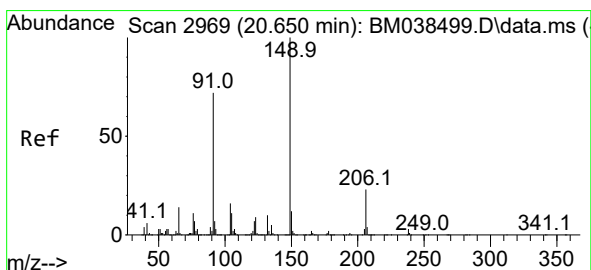
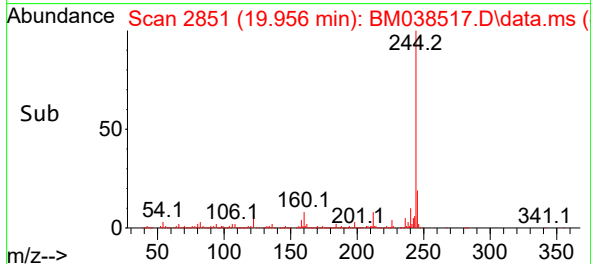
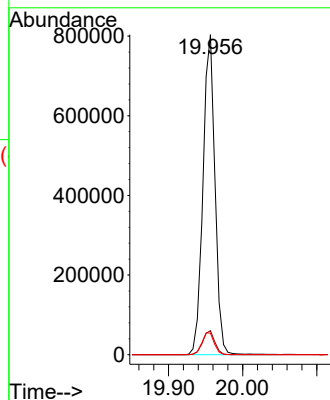
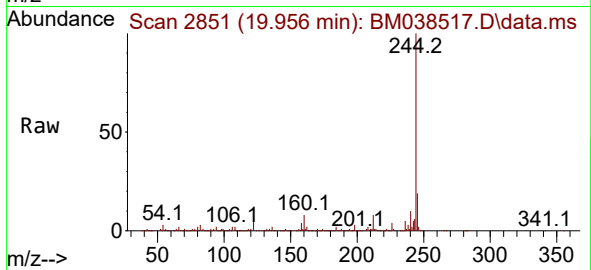
Tgt Ion:244 Resp: 907807

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 6.8 6.7 10.1



#80

Butylbenzylphthalate

Concen: 0.071 ng

RT: 20.639 min Scan# 2967

Delta R.T. -0.012 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

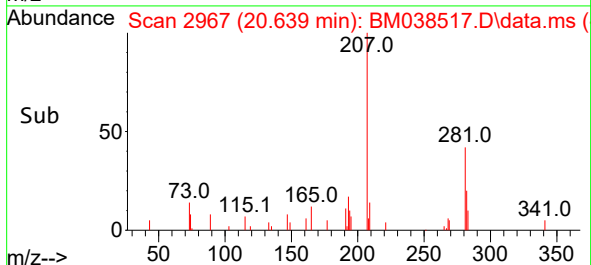
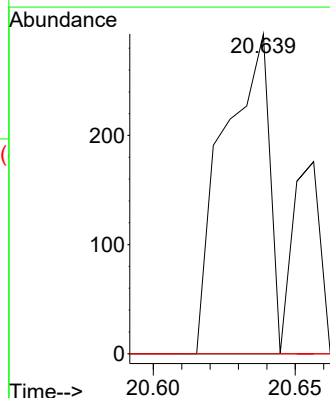
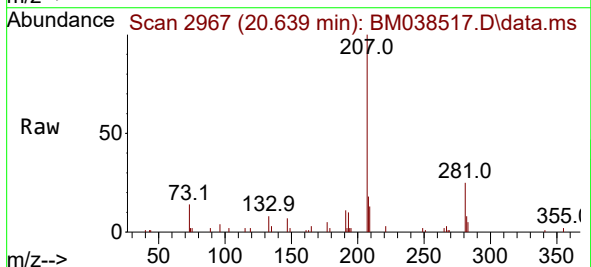
Tgt Ion:149 Resp: 327

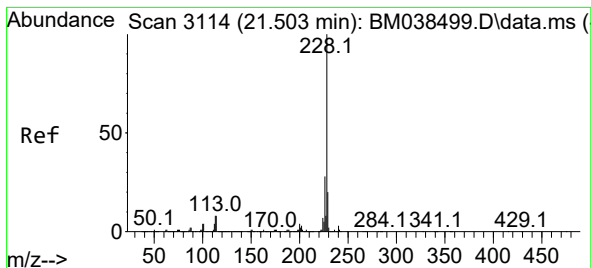
Ion Ratio Lower Upper

149 100

91 0.0 57.5 86.3#

206 0.0 18.2 27.2#





#81

Benzo(a)anthracene

Concen: 0.034 ng

RT: 21.515 min Scan# 3114

Delta R.T. 0.012 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

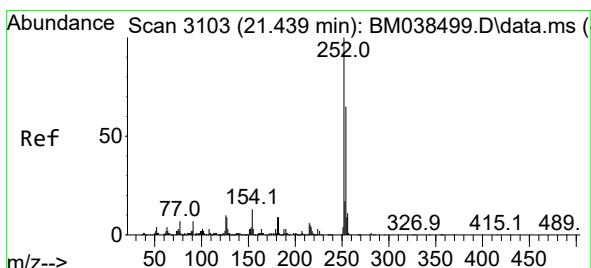
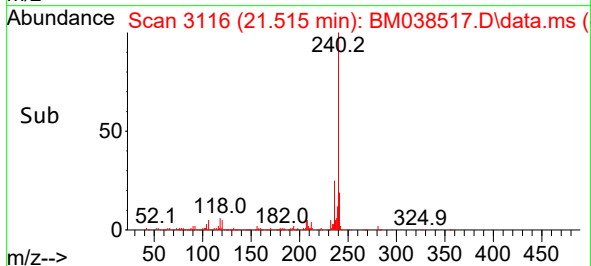
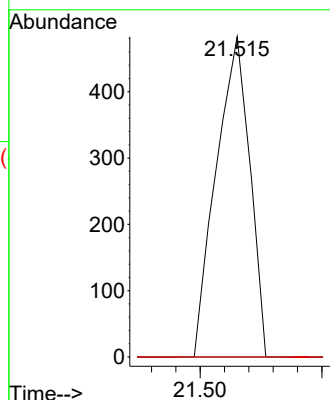
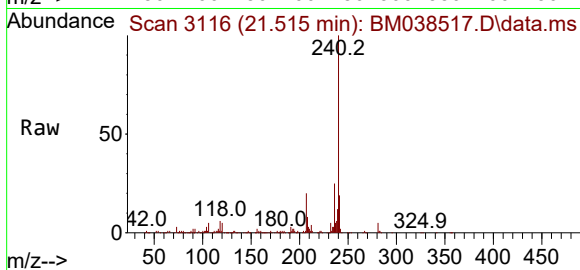
Tgt Ion:228 Resp: 462

Ion Ratio Lower Upper

228 100

226 0.0 22.2 33.2#

229 0.0 16.0 24.0#



#82

3,3'-Dichlorobenzidine

Concen: 0.013 ng

RT: 21.445 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

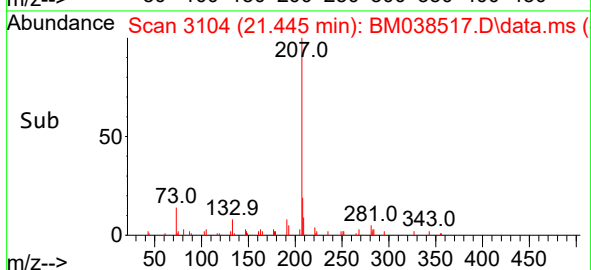
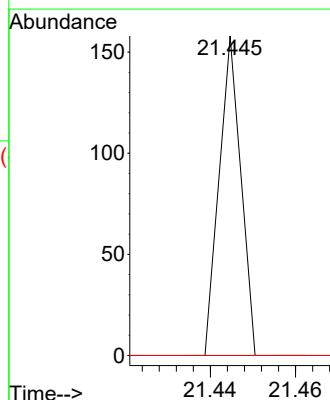
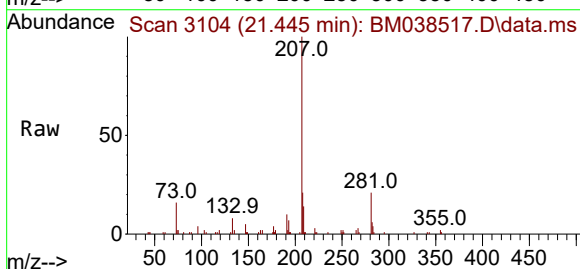
Tgt Ion:252 Resp: 56

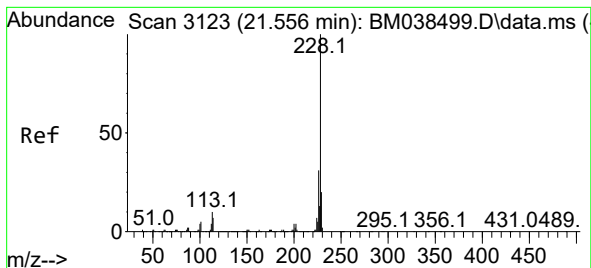
Ion Ratio Lower Upper

252 100

254 0.0 51.9 77.9#

126 0.0 7.7 11.5#





#83

Chrysene

Concen: 0.035 ng

RT: 21.515 min Scan# 31

Delta R.T. -0.041 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

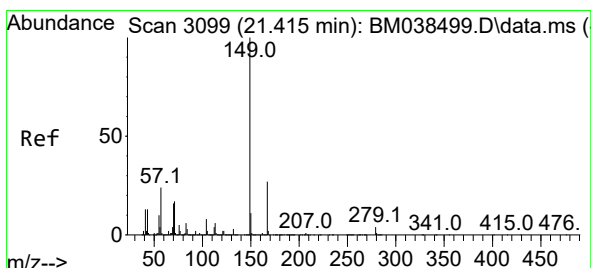
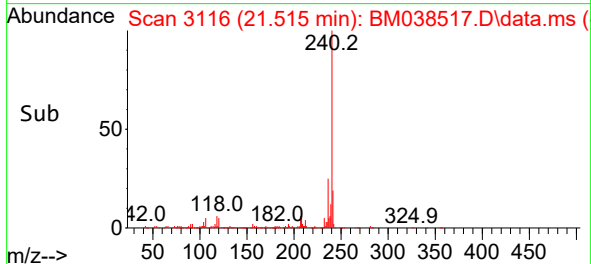
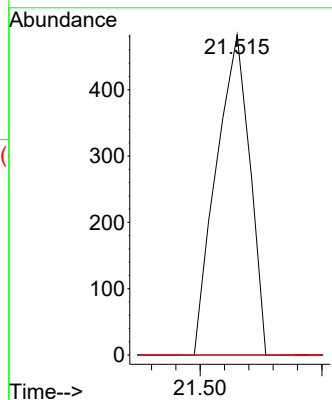
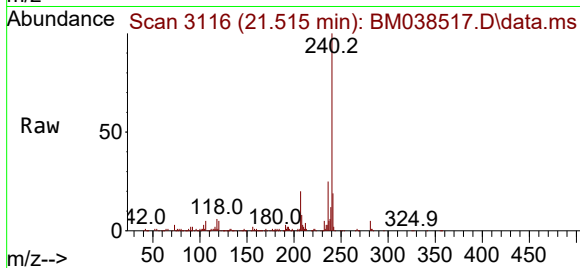
Tgt Ion:228 Resp: 462

Ion Ratio Lower Upper

228 100

226 0.0 24.4 36.6#

229 0.0 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.010 ng

RT: 21.392 min Scan# 3095

Delta R.T. -0.023 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

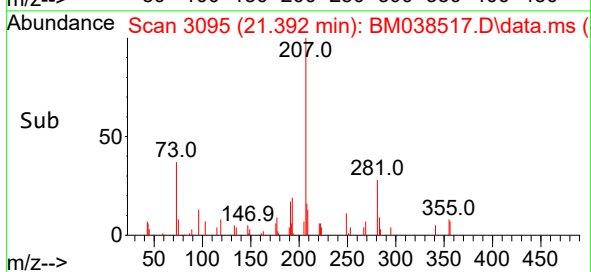
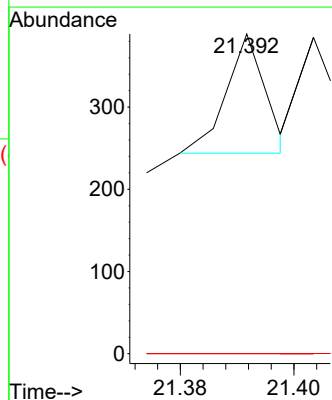
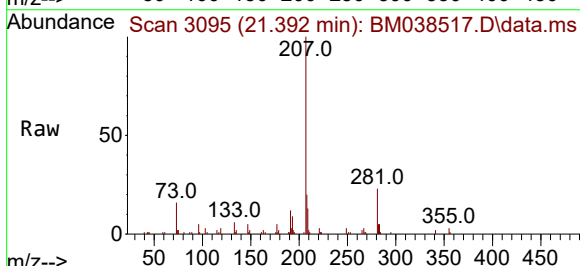
Tgt Ion:149 Resp: 70

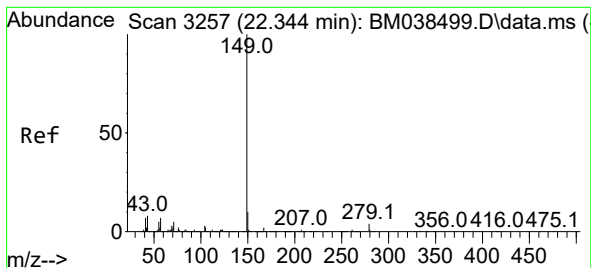
Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 0.024 ng

RT: 22.362 min Scan# 31

Delta R.T. 0.018 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

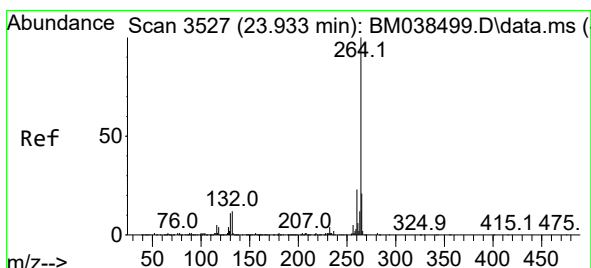
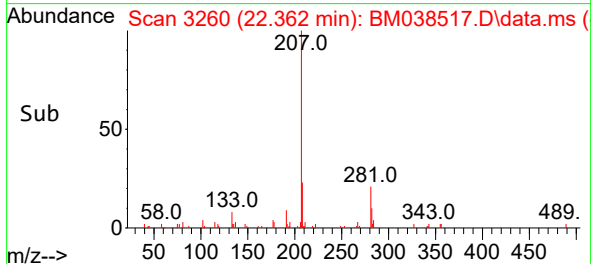
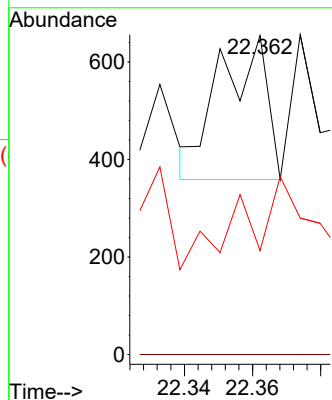
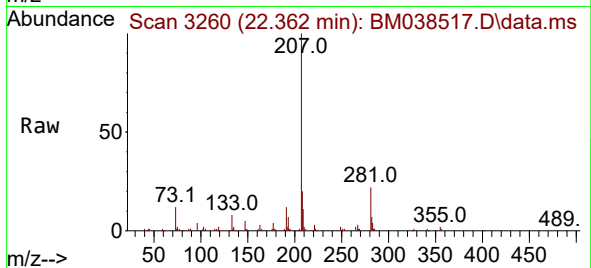
Tgt Ion:149 Resp: 280

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 93.9 6.7 10.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

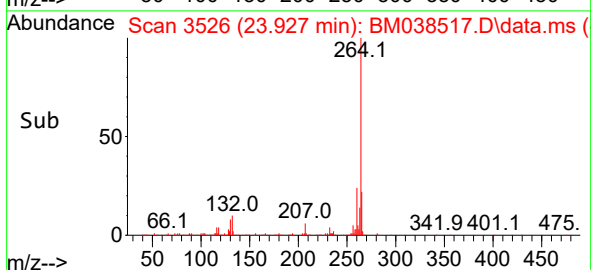
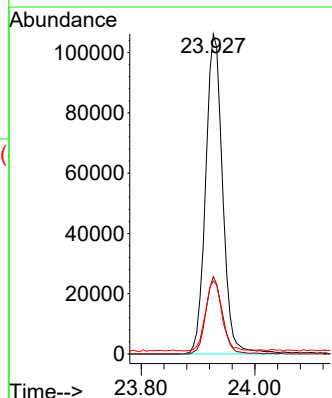
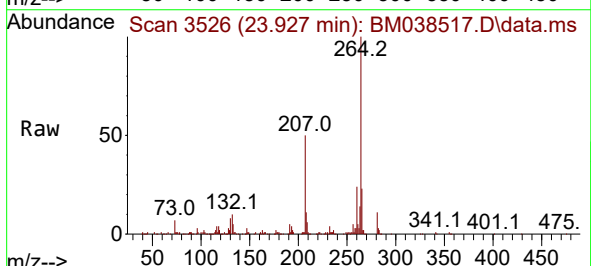
Tgt Ion:264 Resp: 219826

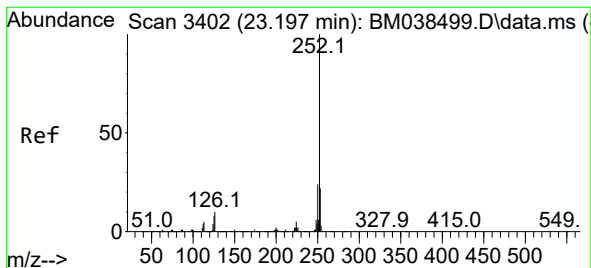
Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 22.8 17.8 26.6





#88

Benzo(b)fluoranthene

Concen: 0.029 ng

RT: 23.203 min Scan# 3403

Delta R.T. 0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

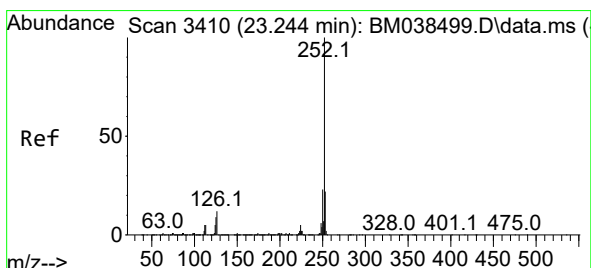
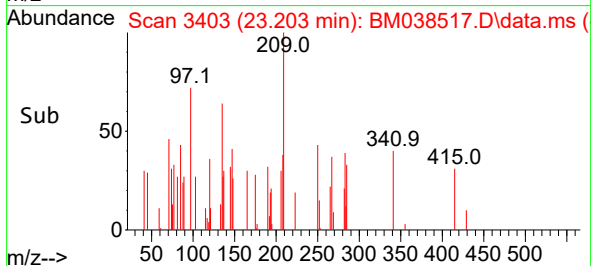
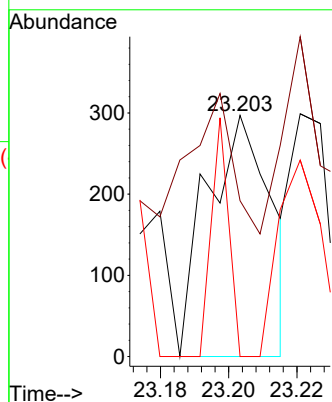
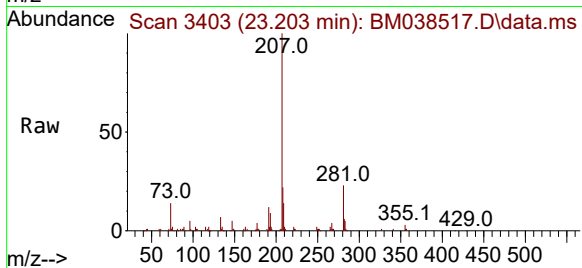
Tgt Ion:252 Resp: 390

Ion Ratio Lower Upper

252 100

253 64.6 17.4 26.0#

125 0.0 6.4 9.6#



#89

Benzo(k)fluoranthene

Concen: 0.018 ng

RT: 23.250 min Scan# 3411

Delta R.T. 0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

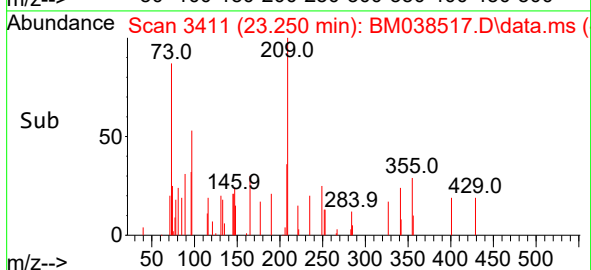
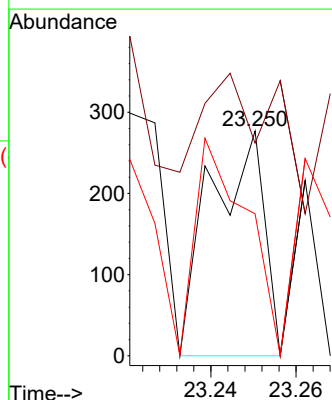
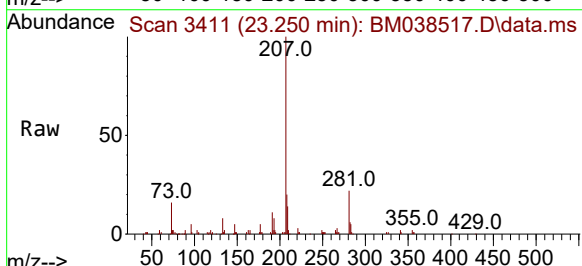
Tgt Ion:252 Resp: 241

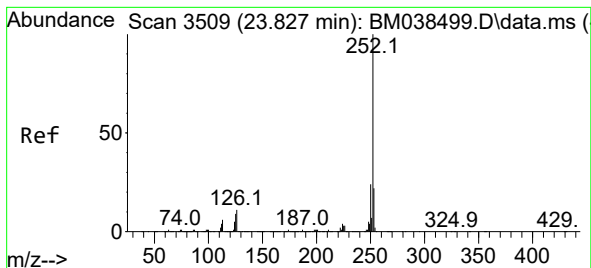
Ion Ratio Lower Upper

252 100

253 94.6 17.8 26.8#

125 63.2 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 0.031 ng

RT: 23.809 min Scan# 3

Delta R.T. -0.017 min

Lab File: BM038517.D

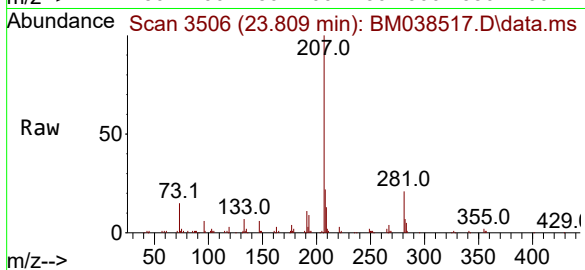
Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL



Tgt Ion:252 Resp: 405

Ion Ratio Lower Upper

252 100

253 82.0 17.4 26.0#

125 63.1 7.3 10.9#

