

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041251.D
 Acq On : 02 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03813-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PLAUDERVILLE-1

Quant Time: Aug 03 09:35:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

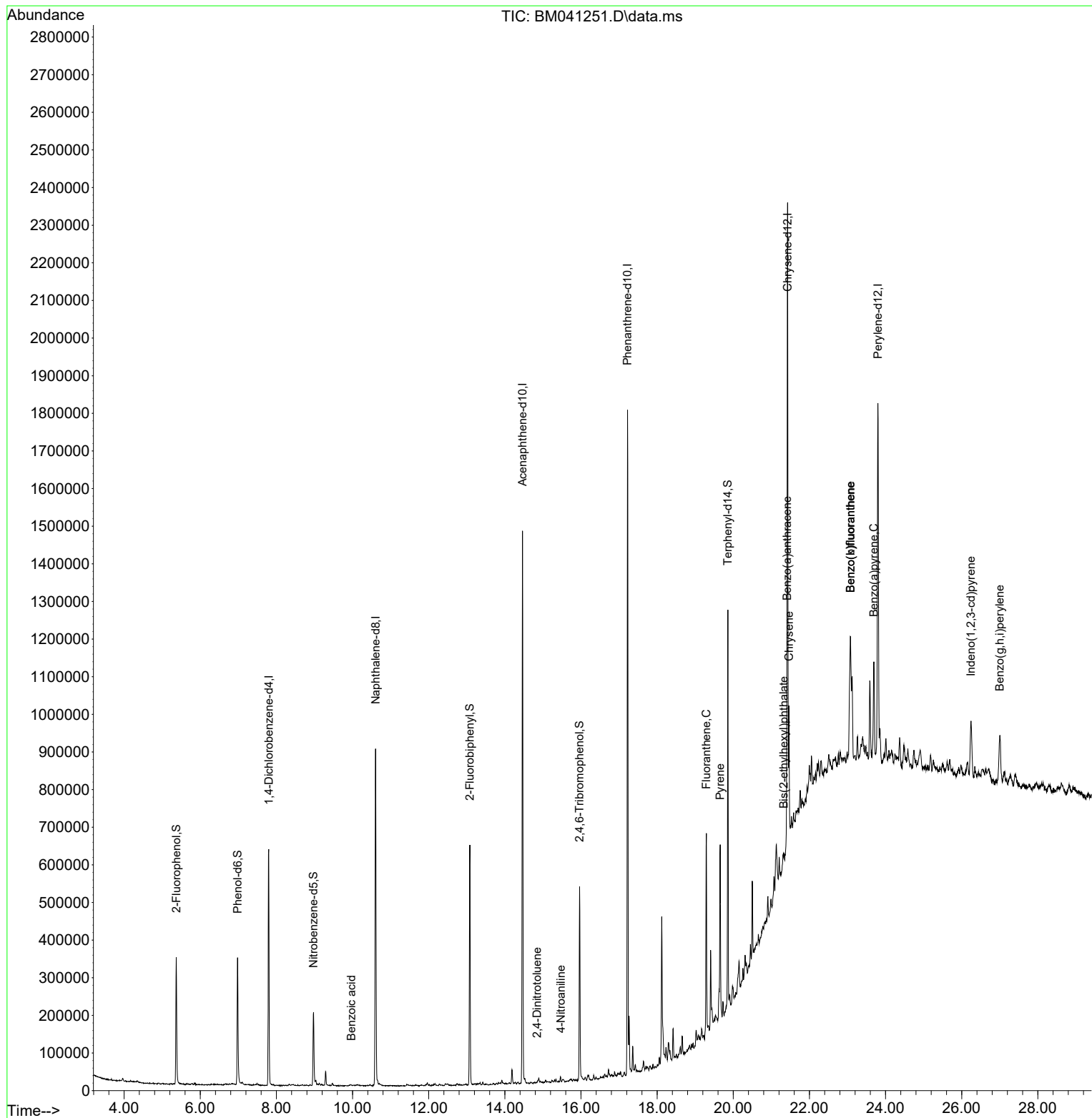
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	164640	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	709764	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	473549	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1021631	20.000	ng	0.00
76) Chrysene-d12	21.427	240	706849	20.000	ng	0.00
86) Perylene-d12	23.797	264	713533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	149616	13.582	ng	0.00
7) Phenol-d6	6.981	99	205688	14.405	ng	0.00
23) Nitrobenzene-d5	8.975	82	125611	8.230	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	95226	14.217	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	318151	8.487	ng	0.00
79) Terphenyl-d14	19.856	244	477987	12.226	ng	0.00
Target Compounds					Qvalue	
32) Benzoic acid	9.969	122	80	7.164	ng	# 1
57) 2,4-Dinitrotoluene	14.845	165	110	2.680	ng	# 1
62) 4-Nitroaniline	15.469	138	59	4.155	ng	# 13
75) Fluoranthene	19.292	202	285386	4.475	ng	99
78) Pyrene	19.656	202	280355	5.672	ng	99
81) Benzo(a)anthracene	21.409	228	171796	3.585	ng	99
83) Chrysene	21.462	228	190401	4.108	ng	98
84) Bis(2-ethylhexyl)phtha...	21.327	149	6320	2.748	ng	# 88
87) Indeno(1,2,3-cd)pyrene	26.244	276	160086	3.052	ng	# 94
88) Benzo(b)fluoranthene	23.080	252	297731	7.024	ng	96
89) Benzo(k)fluoranthene	23.080	252	297731	6.867	ng	95
90) Benzo(a)pyrene	23.692	252	199838	4.907	ng	96
92) Benzo(g,h,i)perylene	26.997	276	172368	4.026	ng	99

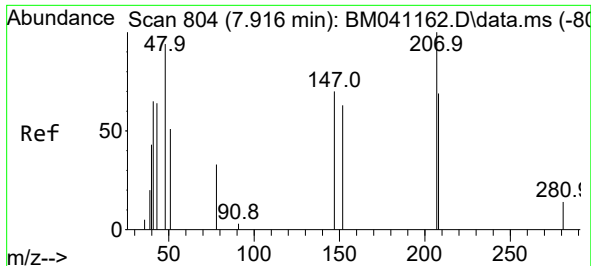
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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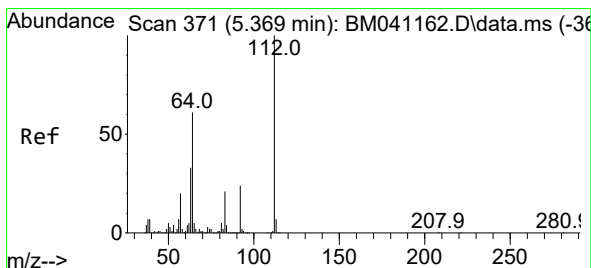
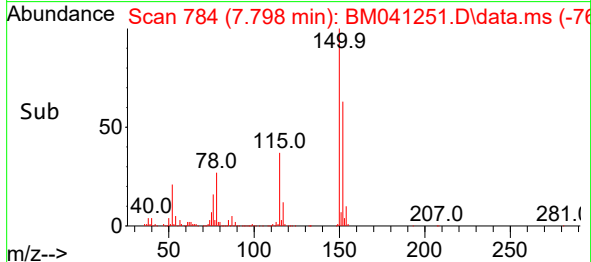
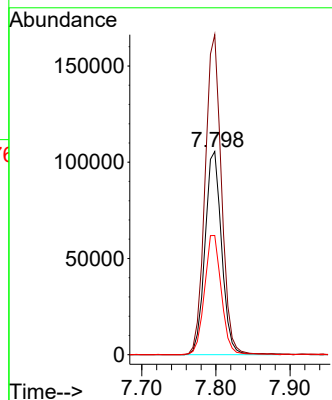
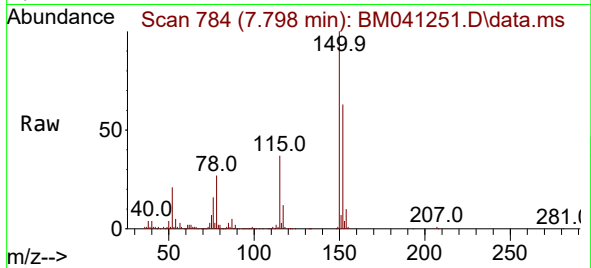




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

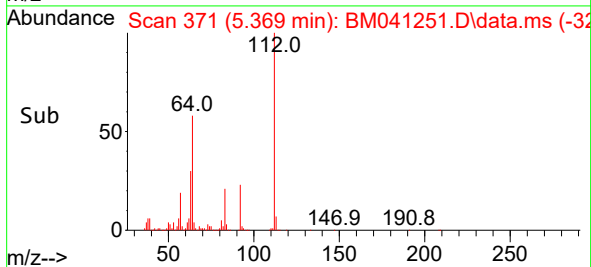
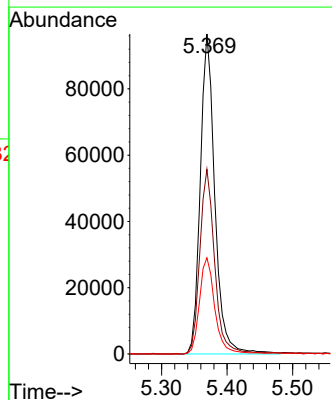
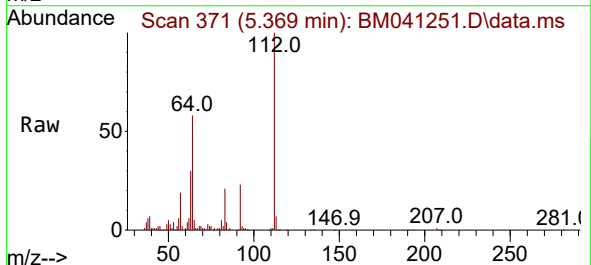
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

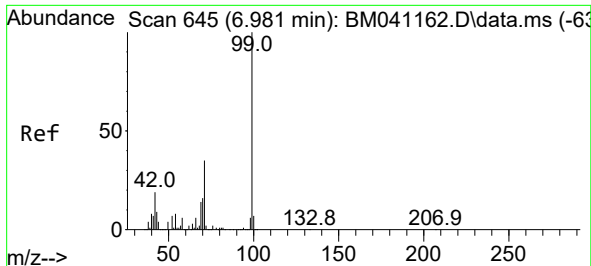
Tgt Ion:152 Resp: 164640
Ion Ratio Lower Upper
152 100
150 157.5 125.5 188.3
115 58.7 48.0 72.0



#5
2-Fluorophenol
Concen: 13.582 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:112 Resp: 149616
Ion Ratio Lower Upper
112 100
64 57.7 48.5 72.7
63 30.1 26.5 39.7

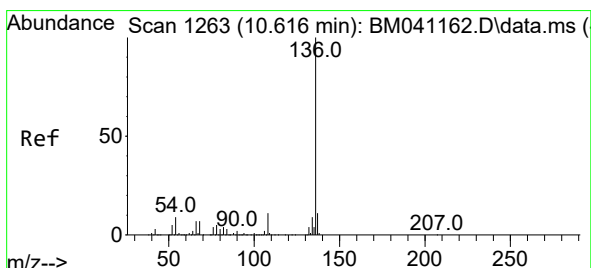
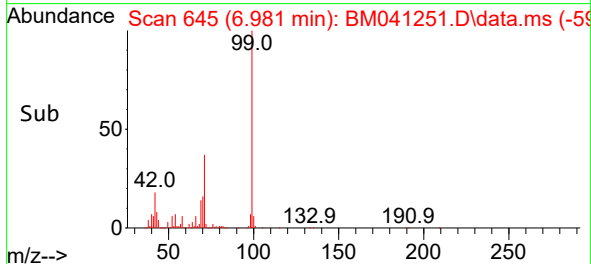
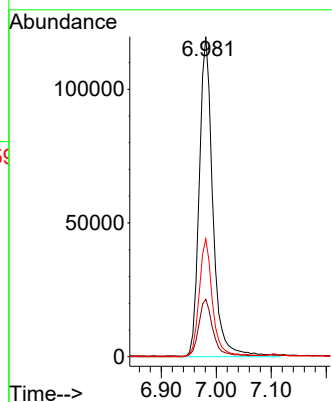
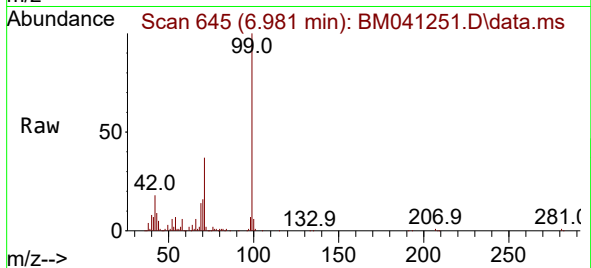




#7
Phenol-d6
Concen: 14.405 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

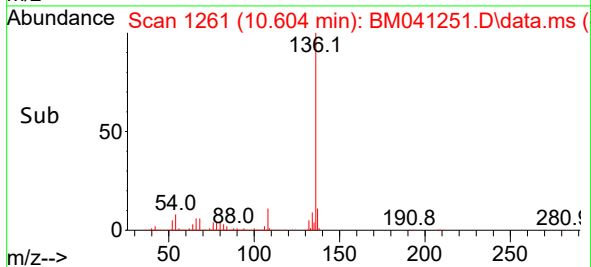
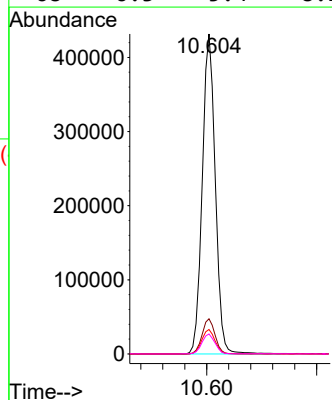
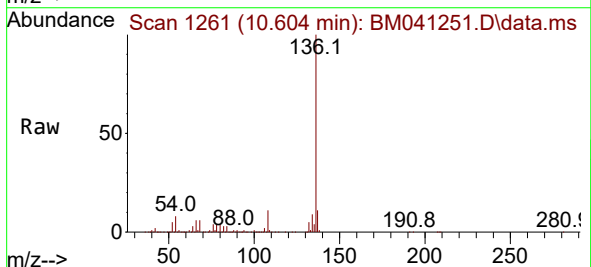
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

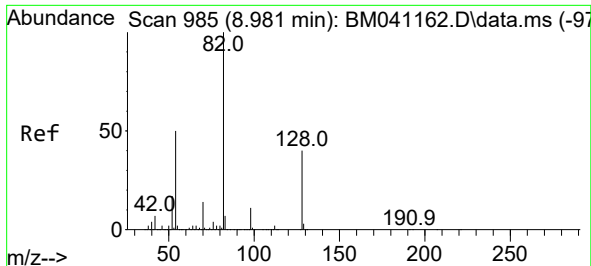
Tgt Ion: 99 Resp: 205688
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion: 136 Resp: 709764
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 6.9 10.3
68 6.3 5.4 8.2

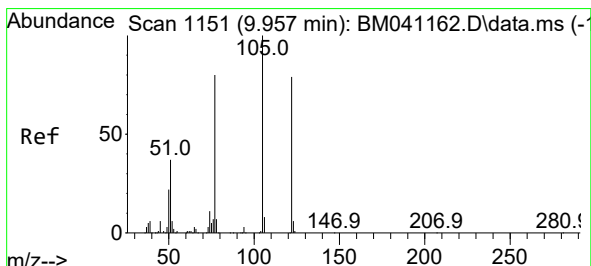
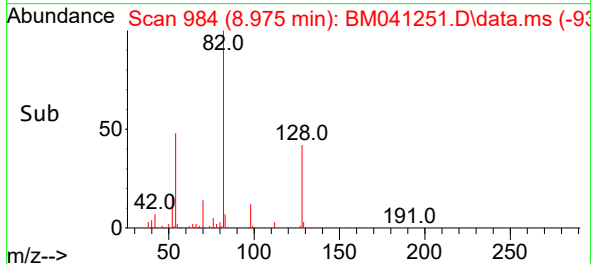
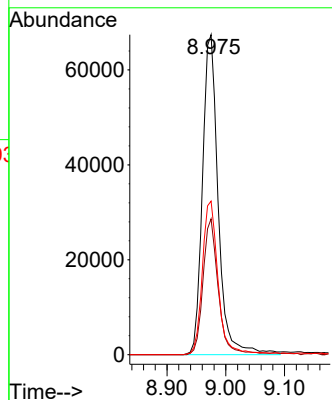
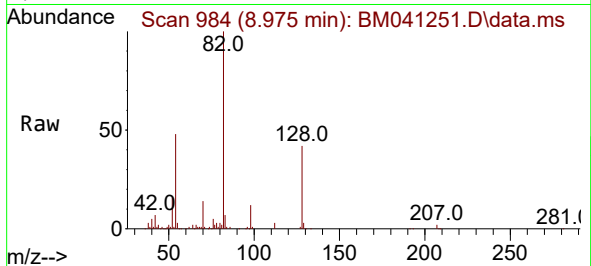




#23
Nitrobenzene-d5
Concen: 8.230 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

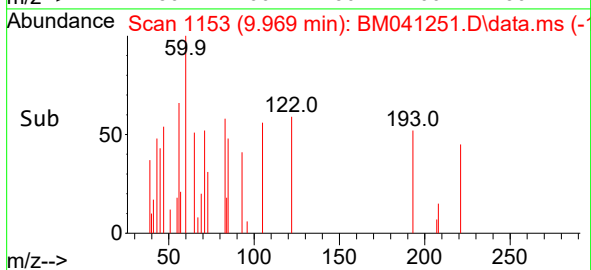
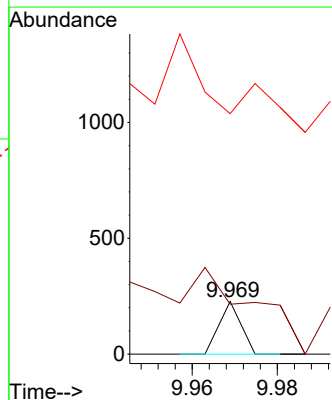
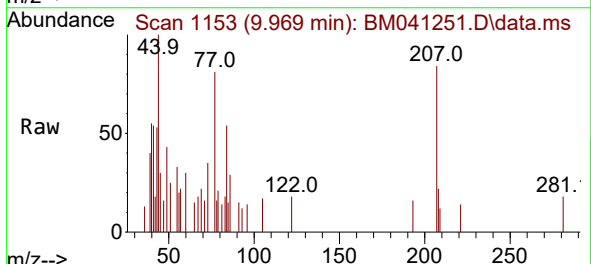
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

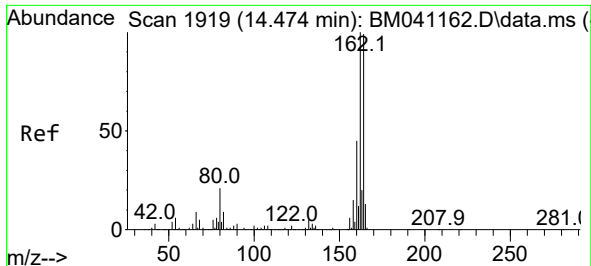
Tgt Ion: 82 Resp: 125611
Ion Ratio Lower Upper
82 100
128 42.5 31.8 47.6
54 48.0 40.1 60.1



#32
Benzoic acid
Concen: 7.164 ng
RT: 9.969 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion: 122 Resp: 80
Ion Ratio Lower Upper
122 100
105 94.7 104.0 144.0#
77 457.3 79.9 119.9#

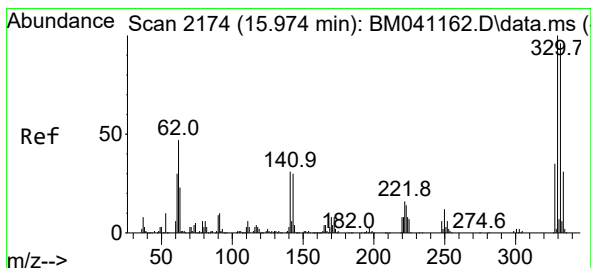
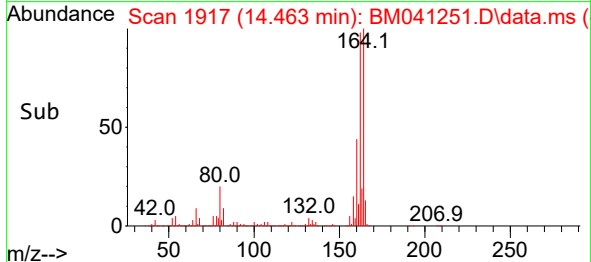
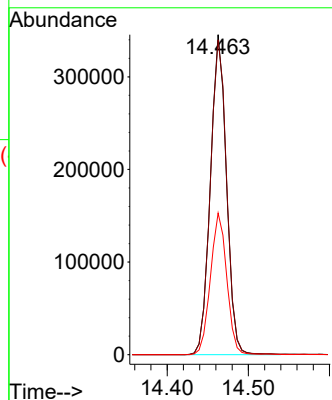
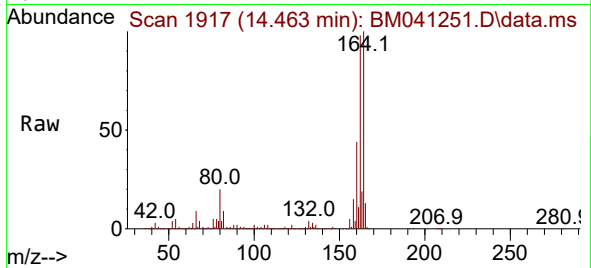




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

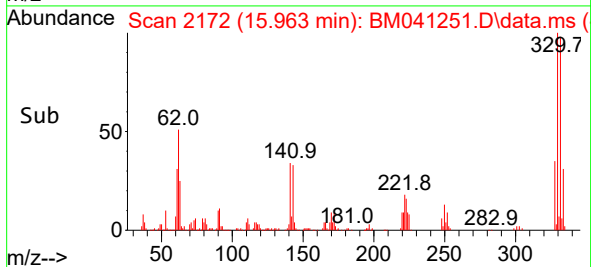
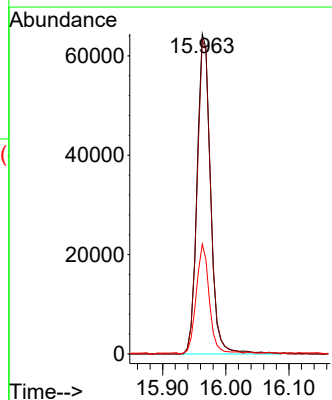
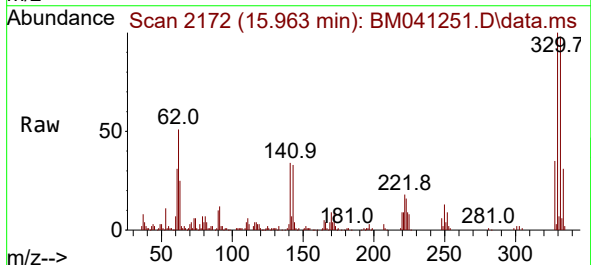
Instrument :
BNA_M
ClientSampleId :
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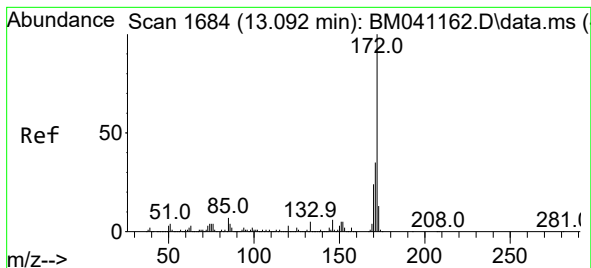
Tgt Ion:164 Resp: 473549
Ion Ratio Lower Upper
164 100
162 98.4 80.4 120.6
160 44.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 14.217 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:330 Resp: 95226
Ion Ratio Lower Upper
330 100
332 98.6 77.7 116.5
141 33.5 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 8.487 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Instrument :

BNA_M

ClientSampleId :

PLAUDERVILLE-1

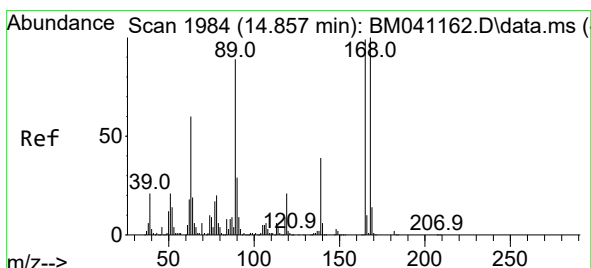
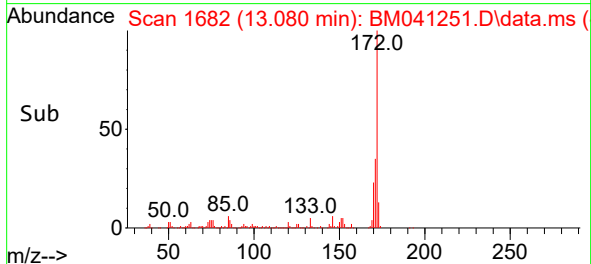
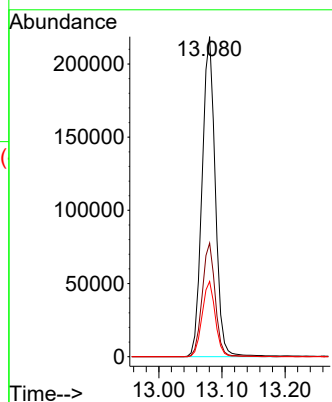
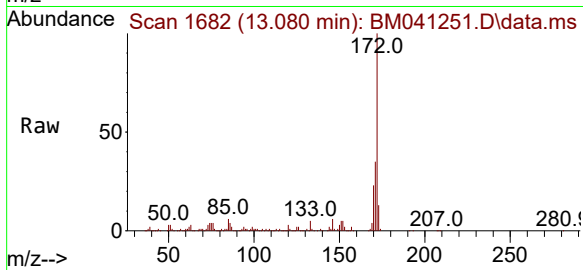
Tgt Ion:172 Resp: 318151

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.5 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 2.680 ng

RT: 14.845 min Scan# 1982

Delta R.T. -0.012 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Tgt Ion:165 Resp: 110

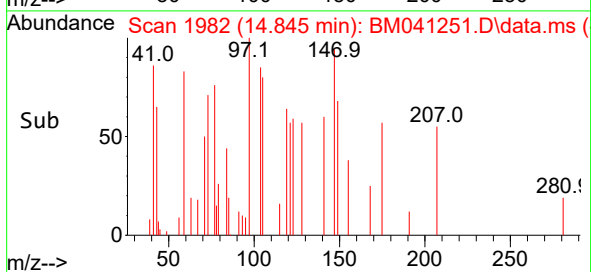
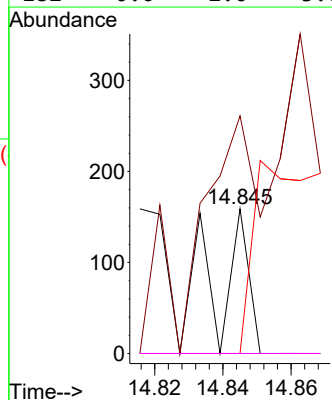
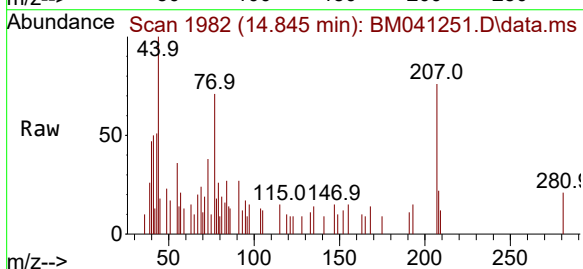
Ion Ratio Lower Upper

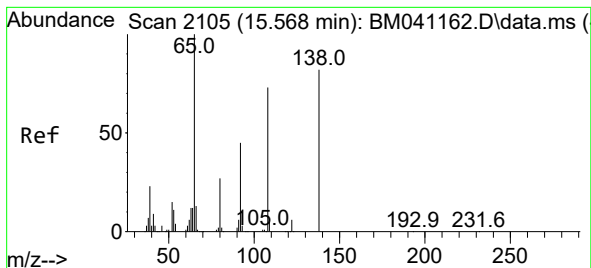
165 100

63 164.2 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#

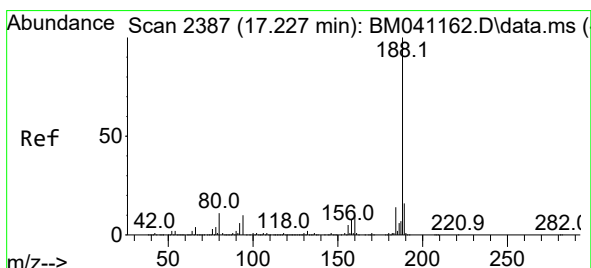
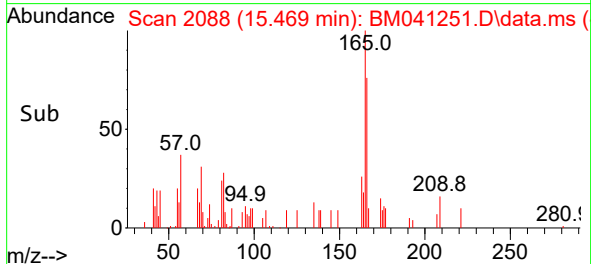
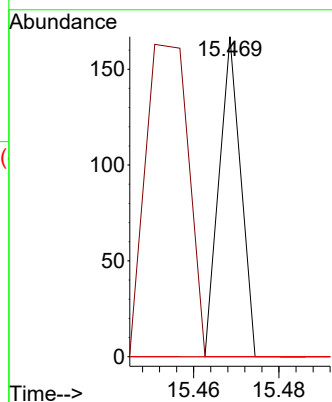
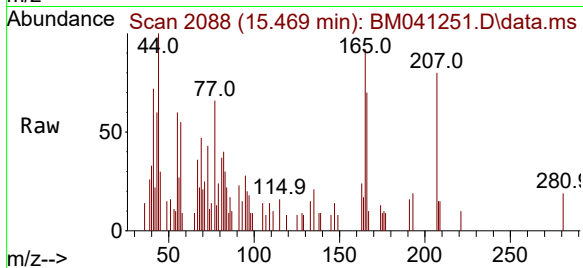




#62
4-Nitroaniline
Concen: 4.155 ng
RT: 15.469 min Scan# 2088
Delta R.T. -0.094 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

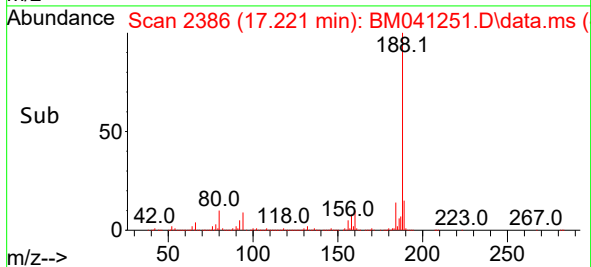
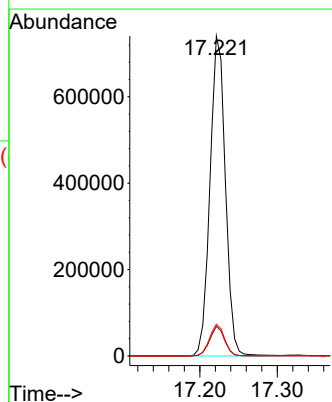
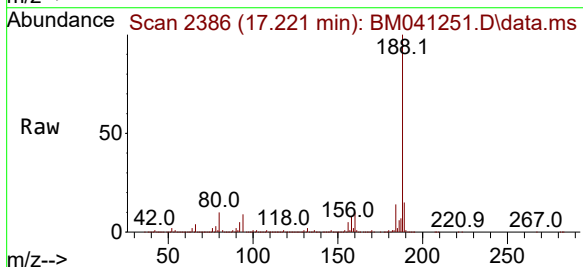
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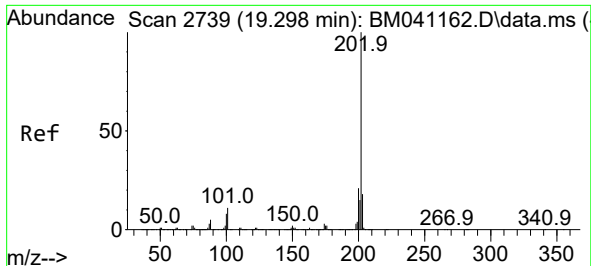
Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
92 0.0 35.1 75.1#
108 0.0 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:188 Resp: 1021631
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.9 8.6 13.0

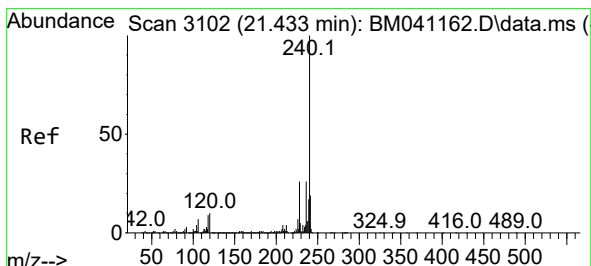
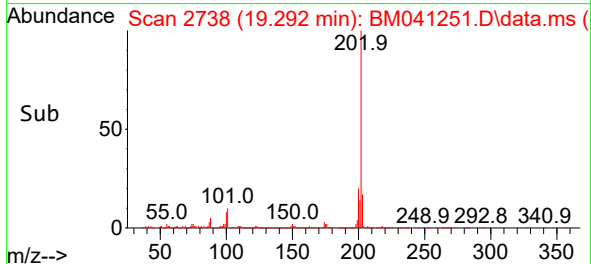
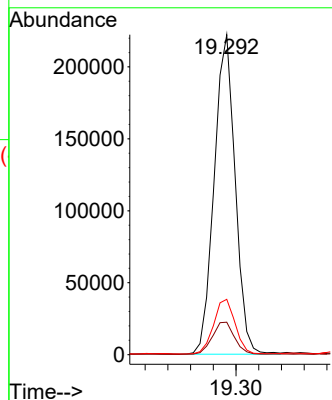
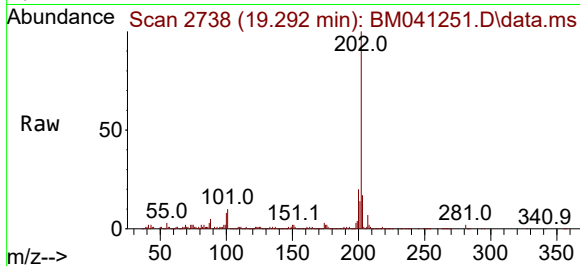




#75
Fluoranthene
Concen: 4.475 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

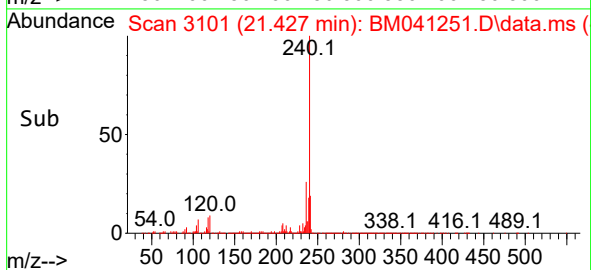
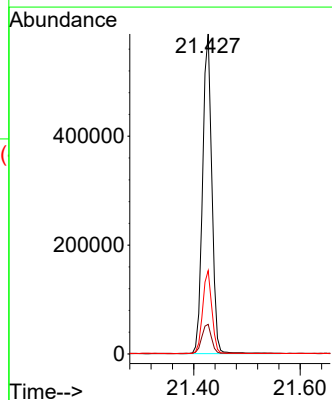
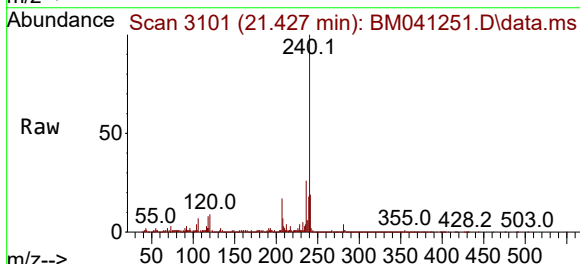
Instrument :
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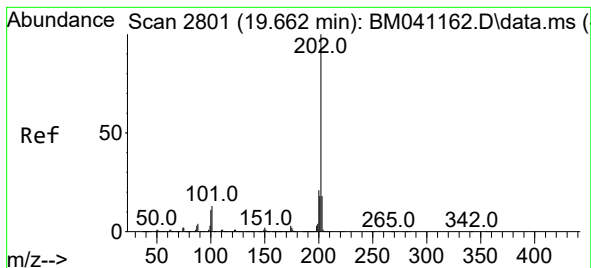
Tgt Ion:202 Resp: 285386
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.8
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:240 Resp: 706849
Ion Ratio Lower Upper
240 100
120 9.3 8.3 12.5
236 26.0 20.6 30.8





#78

Pyrene

Concen: 5.672 ng

RT: 19.656 min Scan# 2801

Delta R.T. -0.000 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Instrument :

BNA_M

ClientSampleId :

PLAUDERVILLE-1

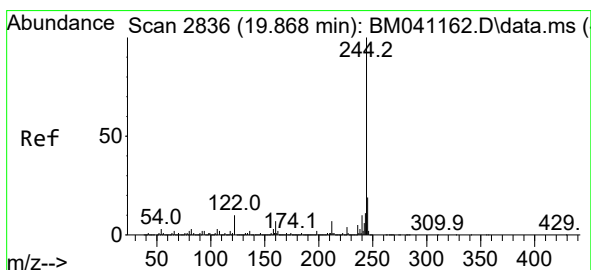
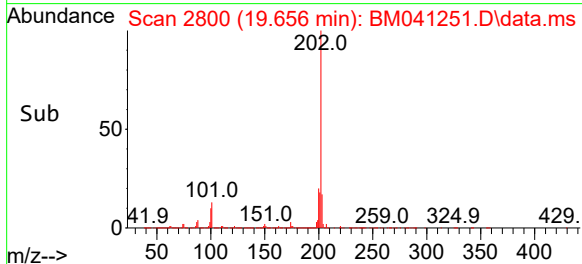
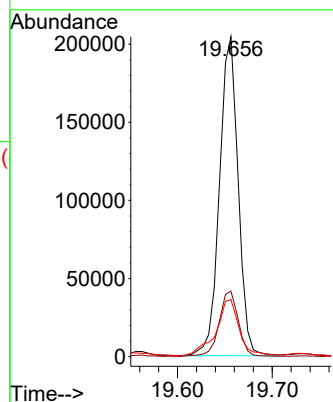
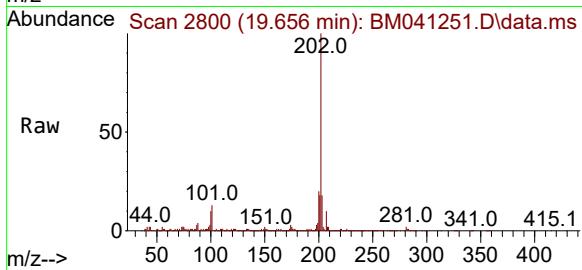
Tgt Ion:202 Resp: 280355

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 17.8 14.1 21.1



#79

Terphenyl-d14

Concen: 12.226 ng

RT: 19.856 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

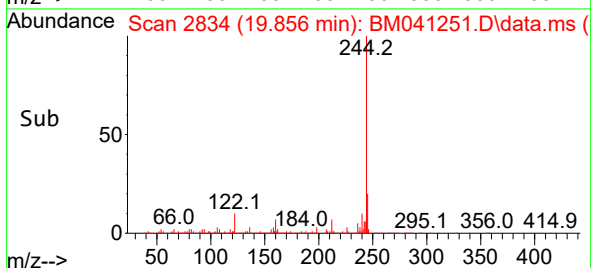
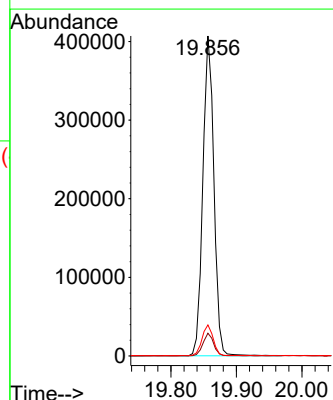
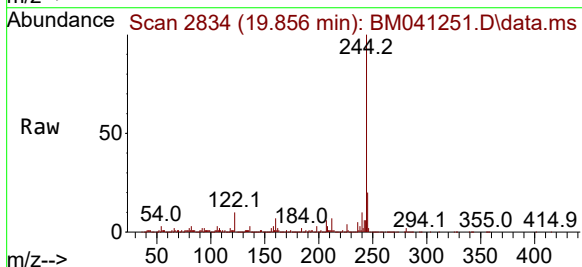
Tgt Ion:244 Resp: 477987

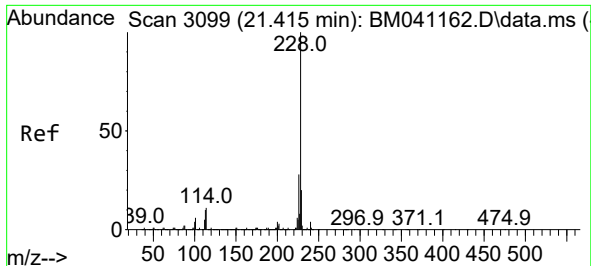
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.7 7.8 11.6

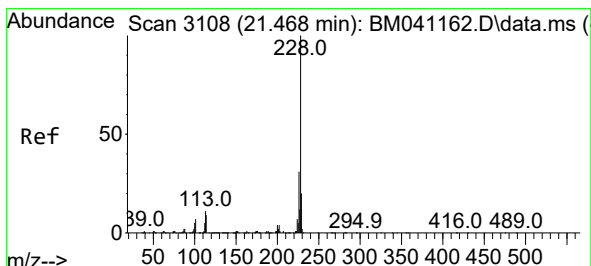
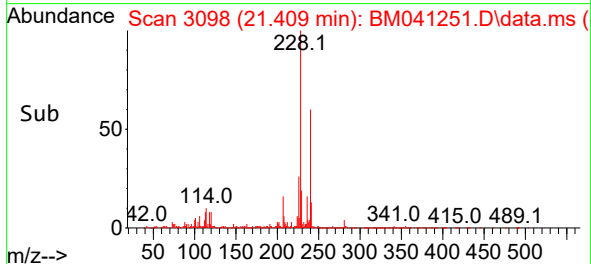
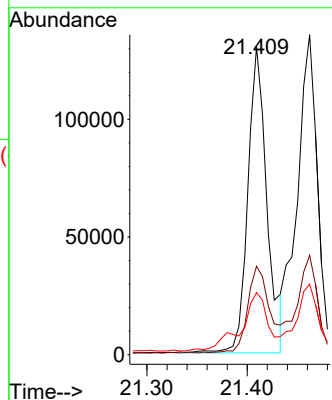
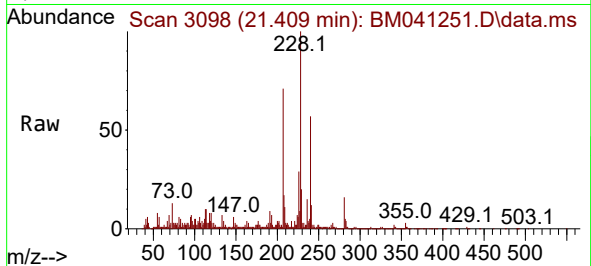




#81
Benzo(a)anthracene
Concen: 3.585 ng
RT: 21.409 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

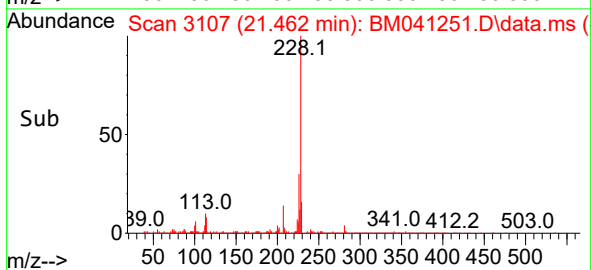
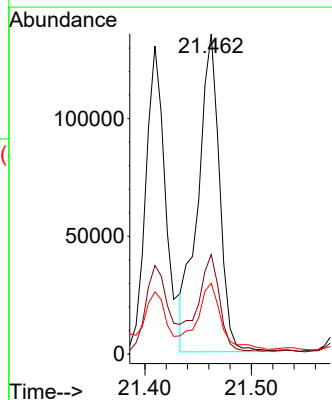
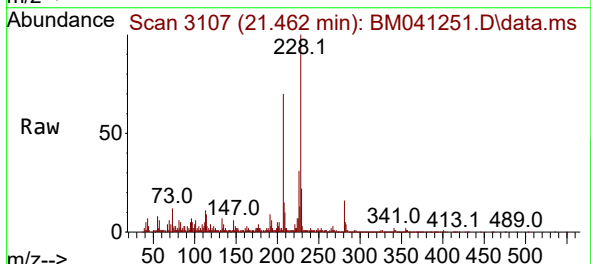
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

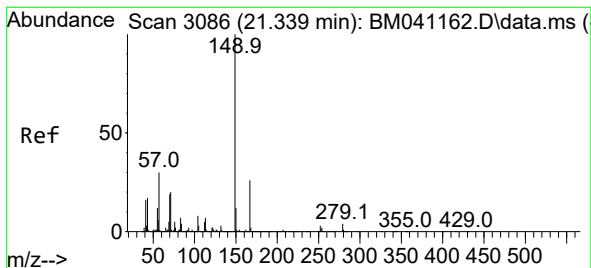
Tgt Ion:228 Resp: 171796
Ion Ratio Lower Upper
228 100
226 28.8 22.4 33.6
229 20.2 15.8 23.8



#83
Chrysene
Concen: 4.108 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:228 Resp: 190401
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.1 15.8 23.8

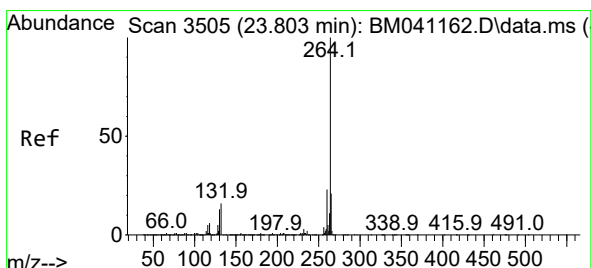
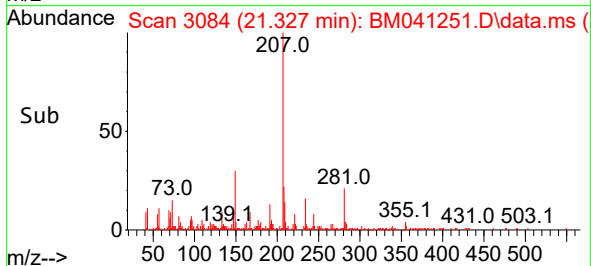
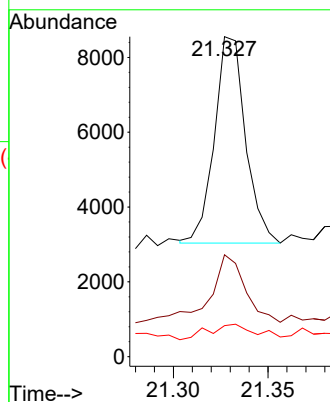
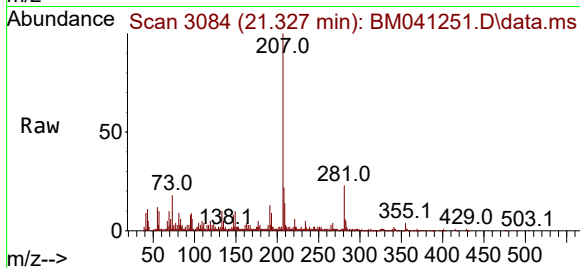




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.748 ng
RT: 21.327 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

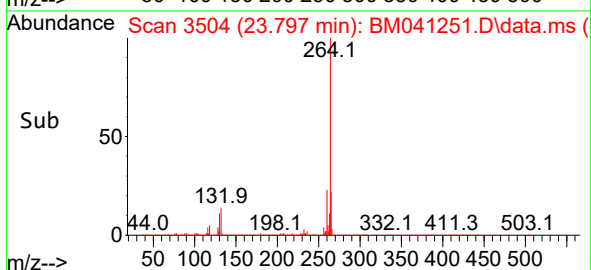
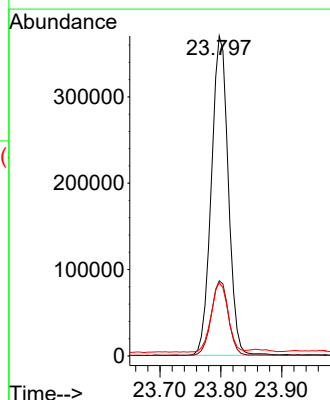
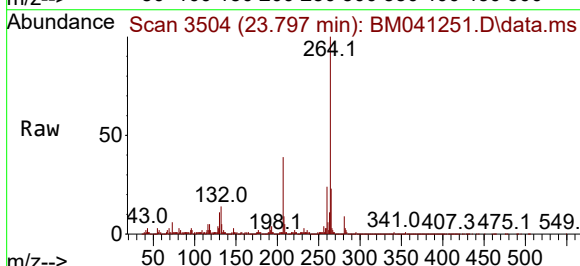
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

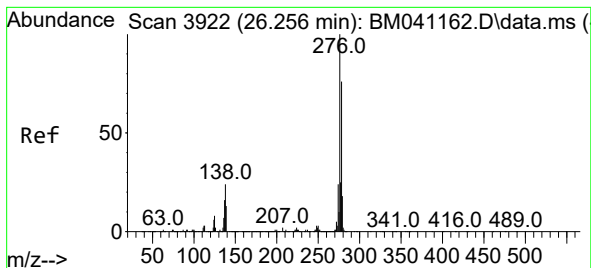
Tgt Ion:149 Resp: 6320
Ion Ratio Lower Upper
149 100
167 31.8 21.0 31.6#
279 9.7 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:264 Resp: 713533
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 22.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.052 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.018 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Instrument :

BNA_M

ClientSampleId :

PLAUDERVILLE-1

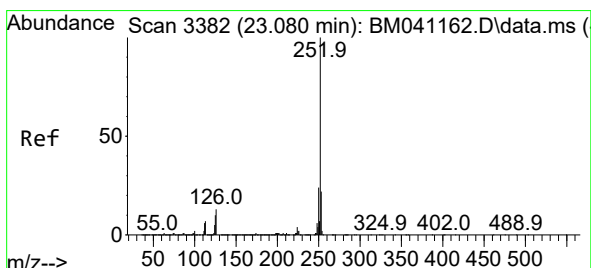
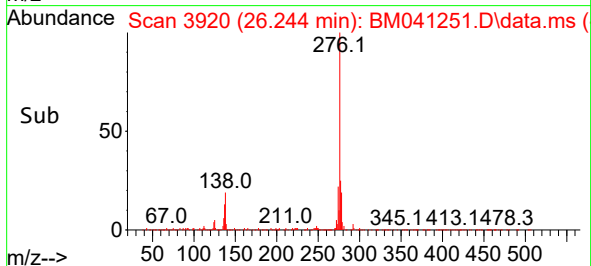
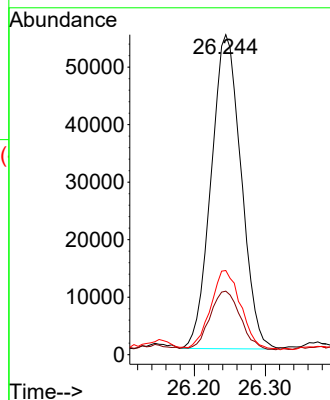
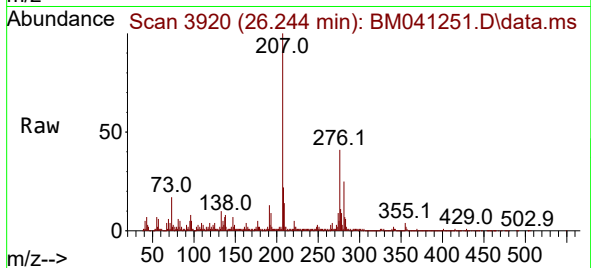
Tgt Ion:276 Resp: 160086

Ion Ratio Lower Upper

276 100

138 18.9 20.0 30.0#

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 7.024 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

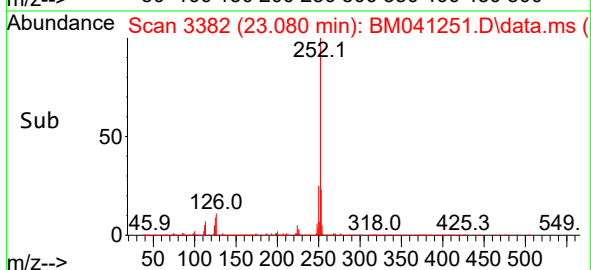
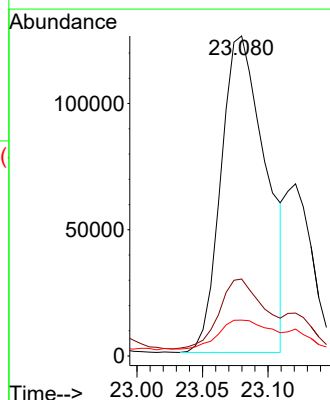
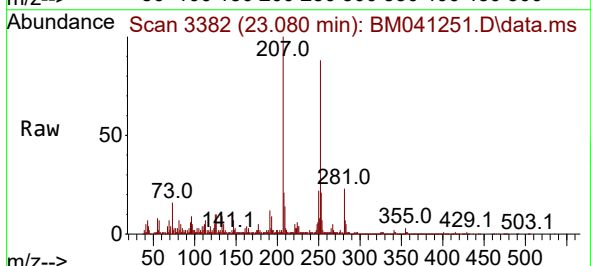
Tgt Ion:252 Resp: 297731

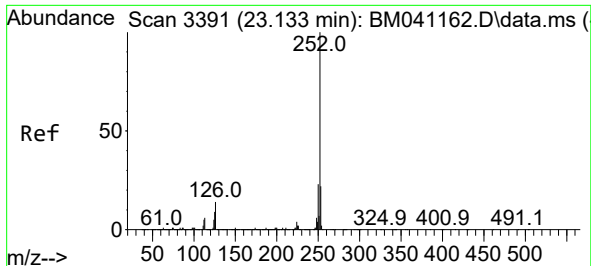
Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 11.2 8.2 12.4

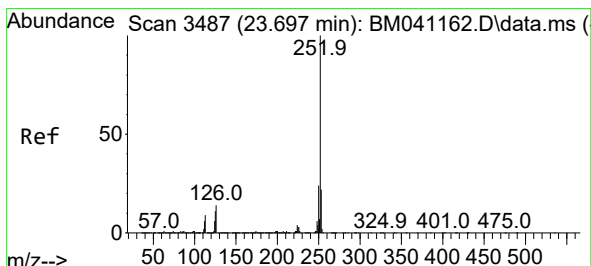
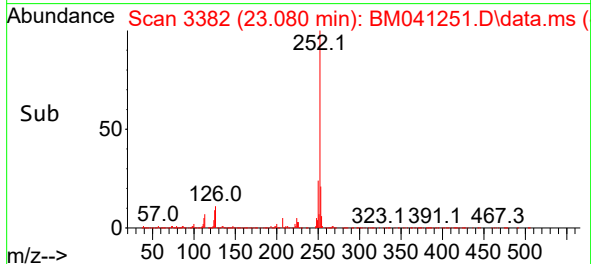
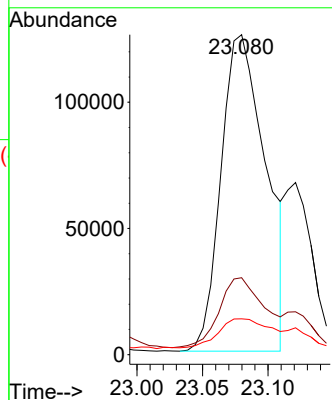
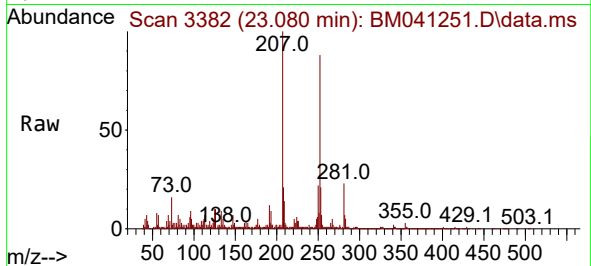




#89
Benzo(k)fluoranthene
Concen: 6.867 ng
RT: 23.080 min Scan# 31
Delta R.T. -0.053 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

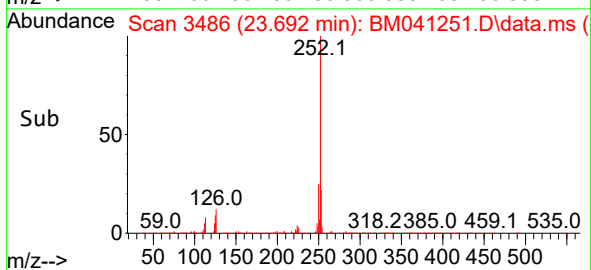
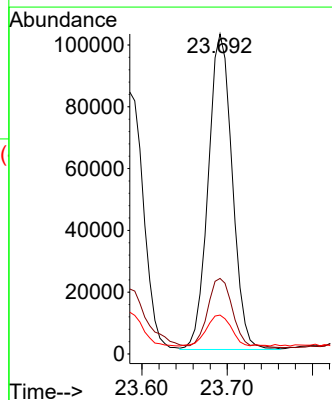
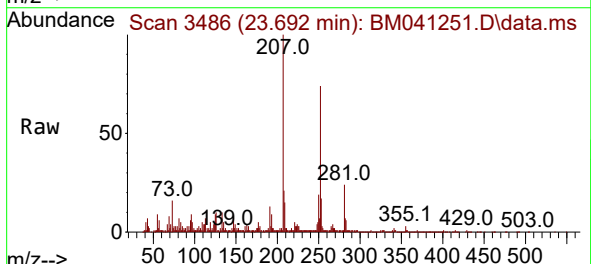
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

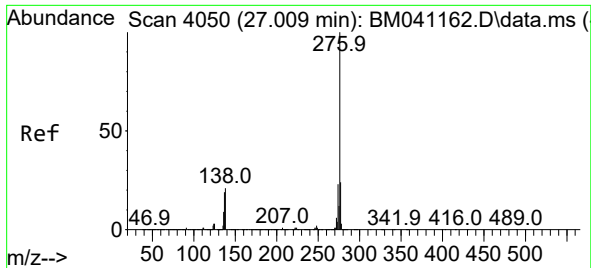
Tgt Ion:252 Resp: 297731
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 11.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 4.907 ng
RT: 23.692 min Scan# 3486
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:252 Resp: 199838
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 12.1 9.0 13.4





#92
 Benzo(g,h,i)perylene
 Concen: 4.026 ng
 RT: 26.997 min Scan# 40
 Delta R.T. -0.018 min
 Lab File: BM041251.D
 Acq: 02 Aug 2023 18:59

Instrument :
 BNA_M
 ClientSampleId :
 PLAUDERVILLE-1

Tgt Ion: 276 Resp: 172368
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.1 28.7
 138 20.6 17.1 25.7

