

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041249.D
 Acq On : 02 Aug 2023 17:44
 Operator : MA/JU
 Sample : 03810-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P08A

Quant Time: Aug 03 03:08:55 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)

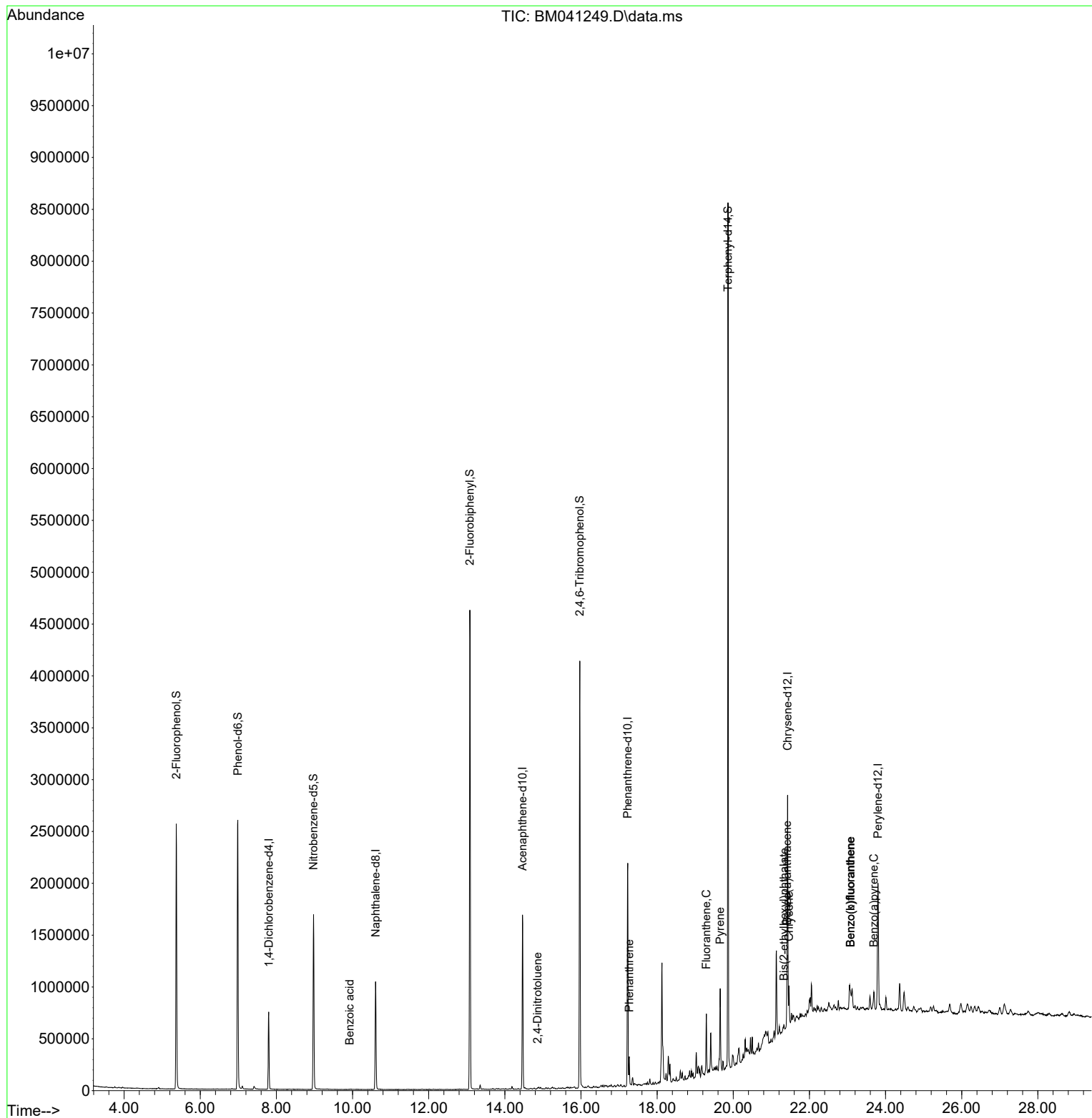
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	192298	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	830760	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	552774	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1272732	20.000	ng	0.00
76) Chrysene-d12	21.427	240	924804	20.000	ng	0.00
86) Perylene-d12	23.797	264	934829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1066191	82.867	ng	0.00
7) Phenol-d6	6.987	99	1471714	88.244	ng	0.00
23) Nitrobenzene-d5	8.975	82	955984	53.514	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	771719	98.702	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2315967	52.927	ng	0.00
79) Terphenyl-d14	19.862	244	3865628	75.576	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.928	122	191	7.173	ng	# 1
57) 2,4-Dinitrotoluene	14.857	165	290	2.693	ng	# 57
71) Phenanthrene	17.268	178	159520	2.256	ng	99
75) Fluoranthene	19.292	202	281418	3.542	ng	99
78) Pyrene	19.656	202	466404	7.212	ng	100
81) Benzo(a)anthracene	21.409	228	192013	3.063	ng	98
83) Chrysene	21.462	228	192689	3.178	ng	98
84) Bis(2-ethylhexyl)phtha...	21.333	149	12701	2.860	ng	# 82
88) Benzo(b)fluoranthene	23.080	252	182857	3.293	ng	# 92
89) Benzo(k)fluoranthene	23.080	252	182857	3.219	ng	# 91
90) Benzo(a)pyrene	23.691	252	128527	2.409	ng	95

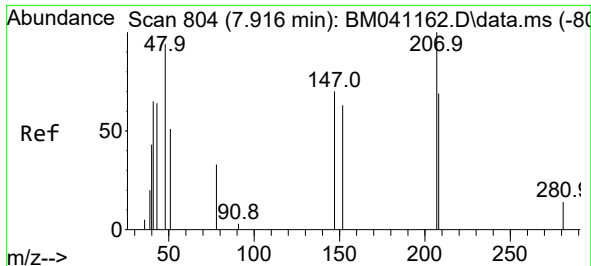
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
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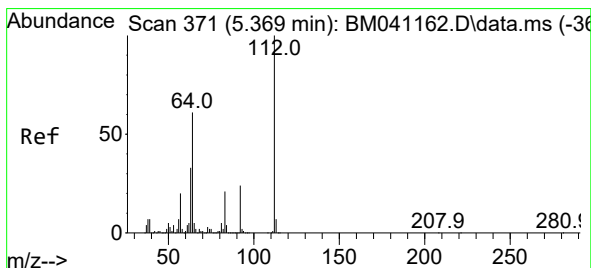
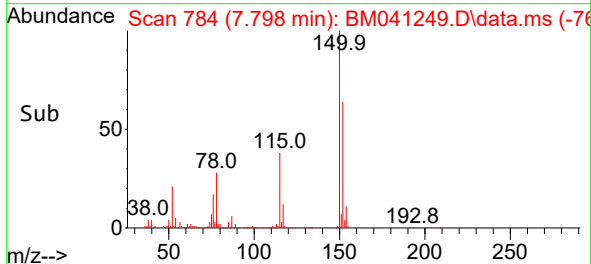
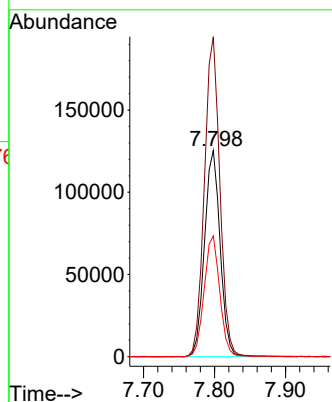
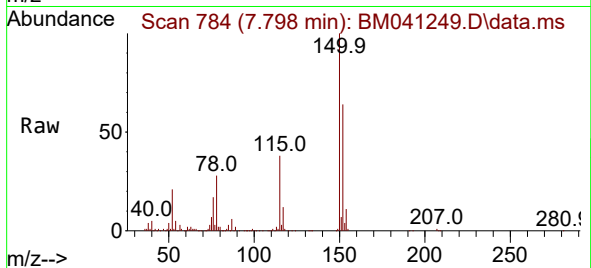




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

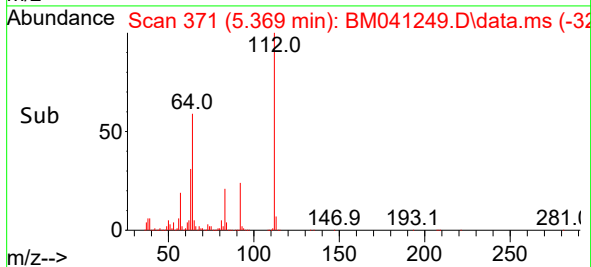
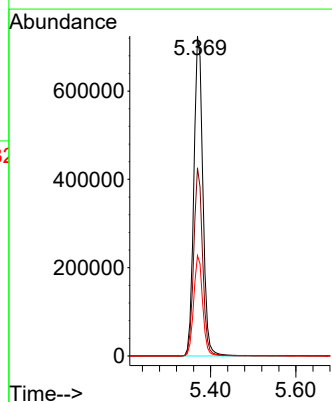
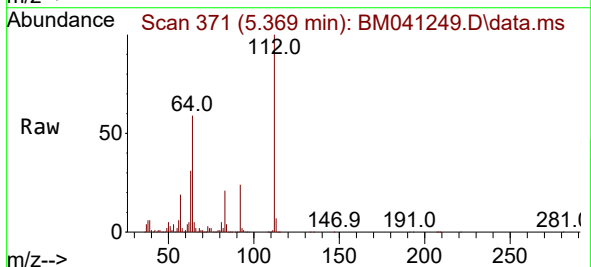
Instrument :
BNA_M
ClientSampleId :
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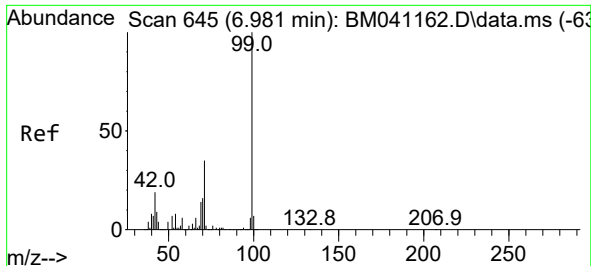
Tgt Ion:152 Resp: 192298
Ion Ratio Lower Upper
152 100
150 155.2 125.5 188.3
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 82.867 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion:112 Resp: 1066191
Ion Ratio Lower Upper
112 100
64 58.8 48.5 72.7
63 31.3 26.5 39.7

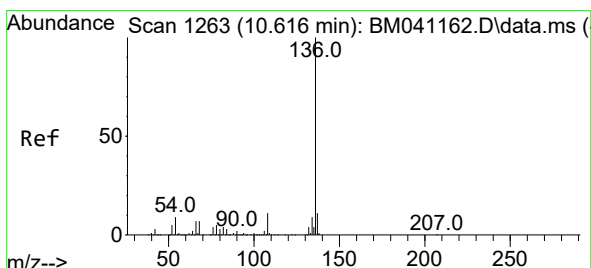
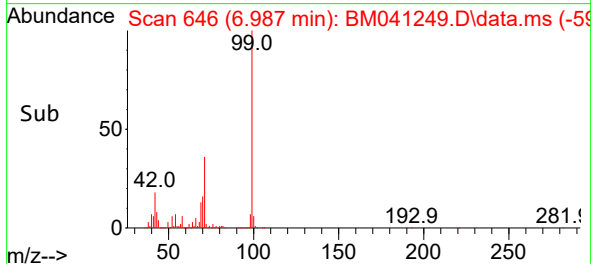
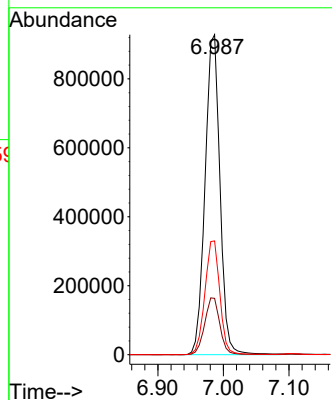
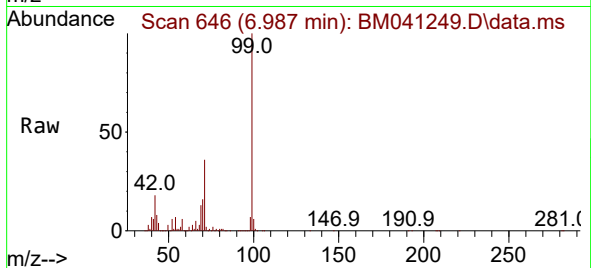




#7
Phenol-d6
Concen: 88.244 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

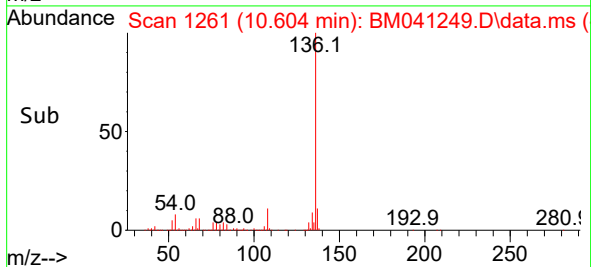
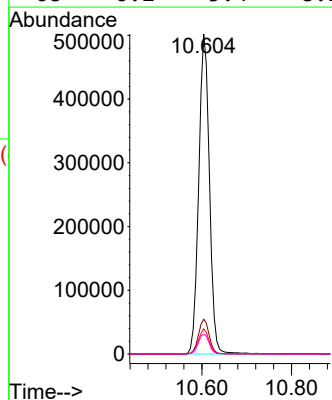
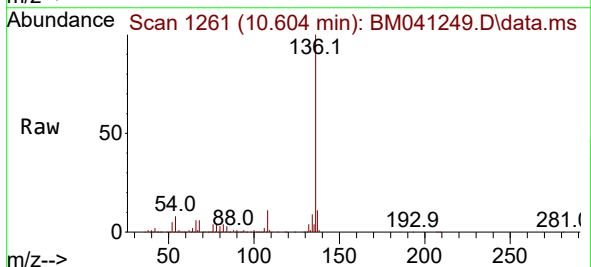
Instrument :
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ClientSampleId :
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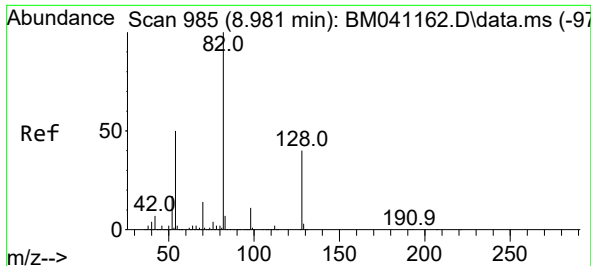
Tgt Ion: 99 Resp: 1471714
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 35.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion: 136 Resp: 830760
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.9 10.3
68 6.2 5.4 8.2

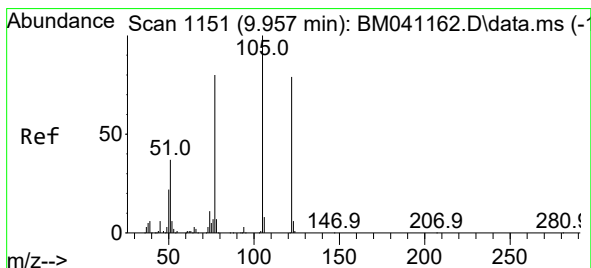
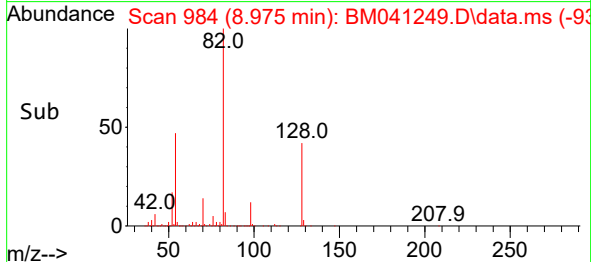
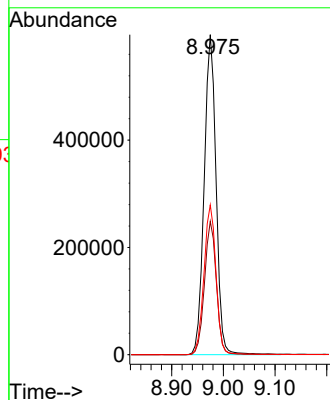
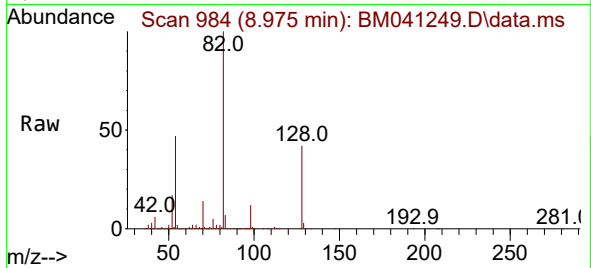




#23
Nitrobenzene-d5
Concen: 53.514 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

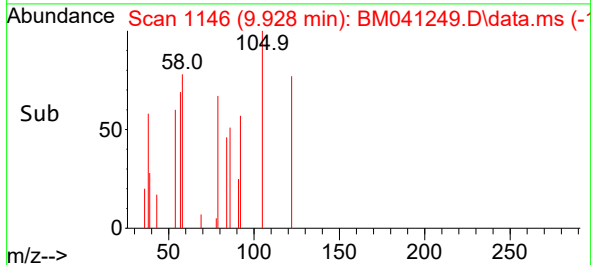
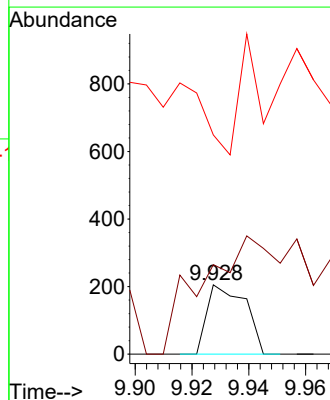
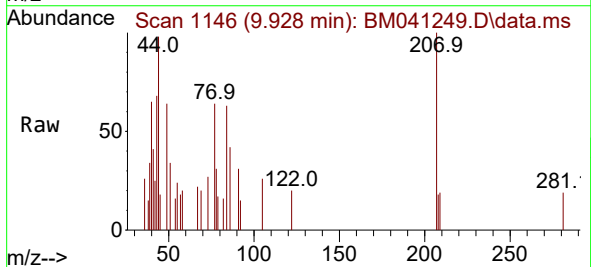
Instrument :
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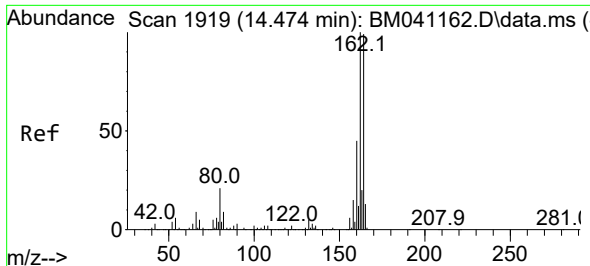
Tgt Ion: 82 Resp: 955984
Ion Ratio Lower Upper
82 100
128 41.7 31.8 47.6
54 46.8 40.1 60.1



#32
Benzoic acid
Concen: 7.173 ng
RT: 9.928 min Scan# 1146
Delta R.T. -0.030 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion: 122 Resp: 191
Ion Ratio Lower Upper
122 100
105 129.3 104.0 144.0
77 316.6 79.9 119.9#

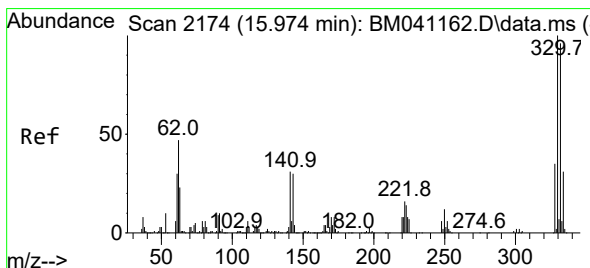
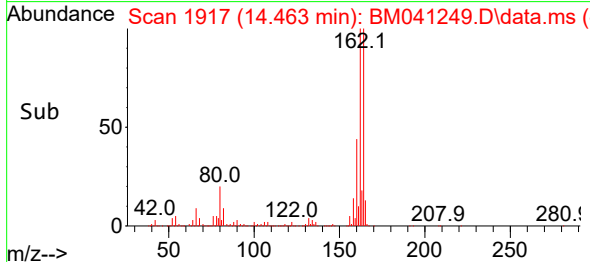
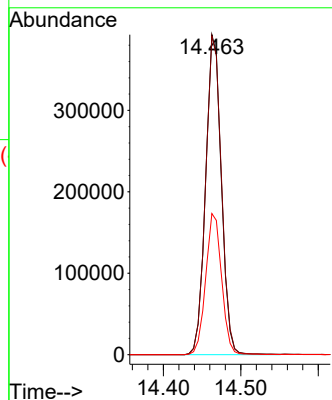
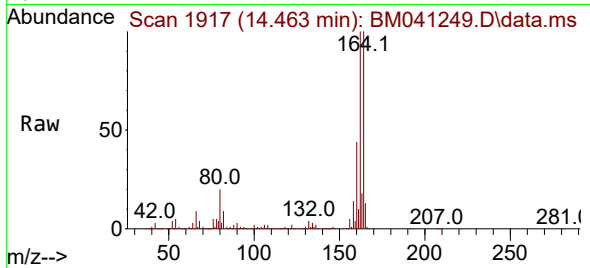




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

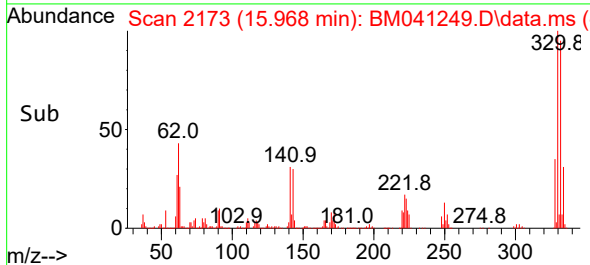
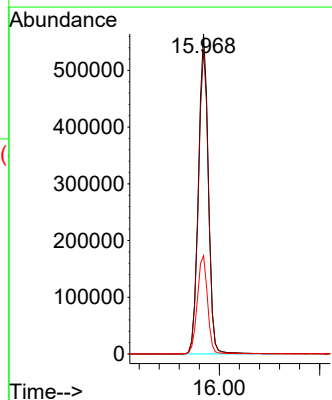
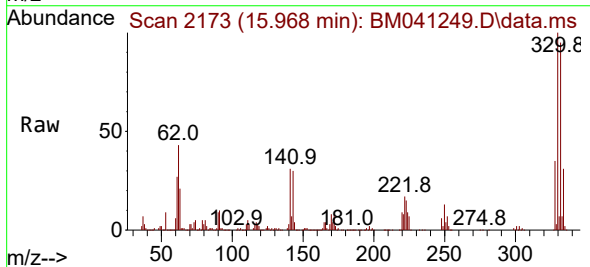
Instrument :
BNA_M
ClientSampleId :
B-P08A

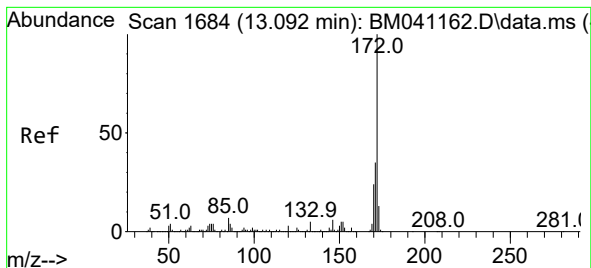
Tgt Ion:164 Resp: 552774
Ion Ratio Lower Upper
164 100
162 99.6 80.4 120.6
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 98.702 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion:330 Resp: 771719
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 31.7 28.3 42.5

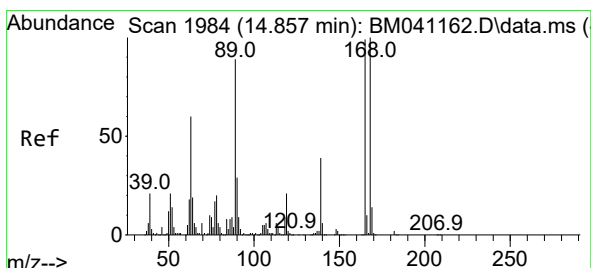
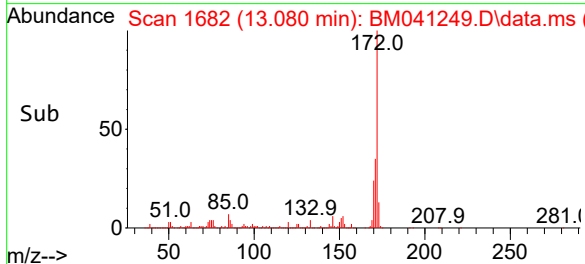
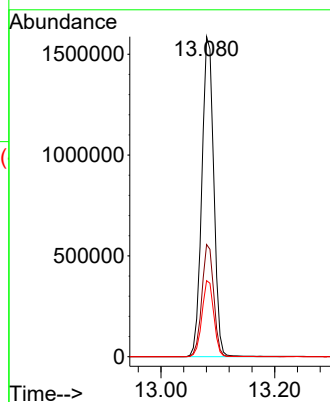
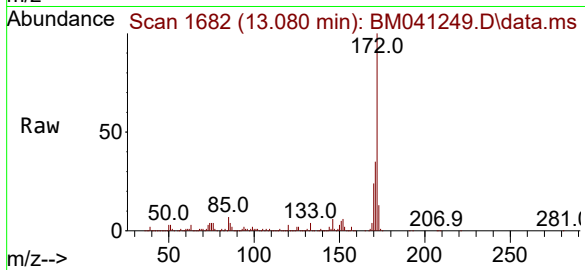




#45
2-Fluorobiphenyl
Concen: 52.927 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

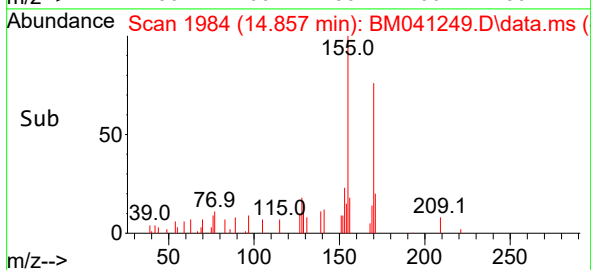
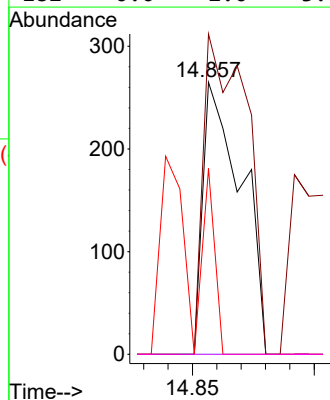
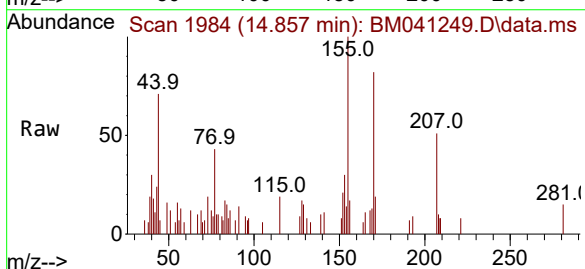
Instrument :
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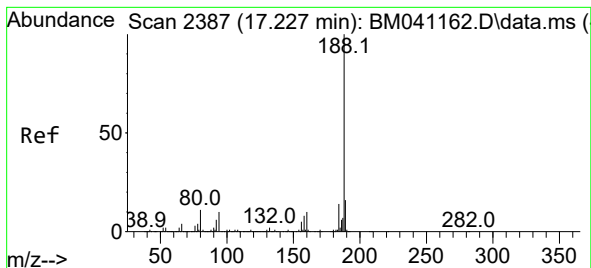
Tgt Ion:172 Resp: 2315967
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 2.693 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion:165 Resp: 290
Ion Ratio Lower Upper
165 100
63 117.7 48.3 72.5#
89 68.3 71.8 107.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

Instrument :

BNA_M

ClientSampleId :

B-P08A

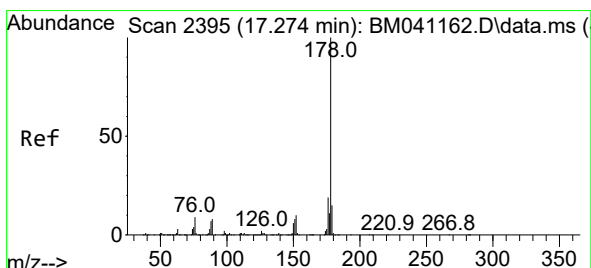
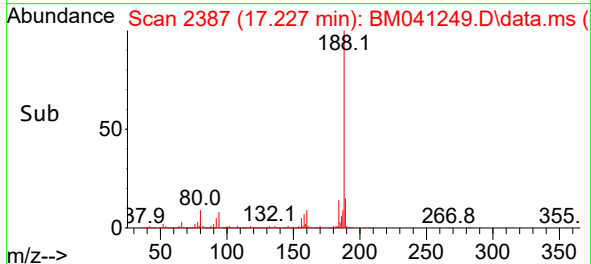
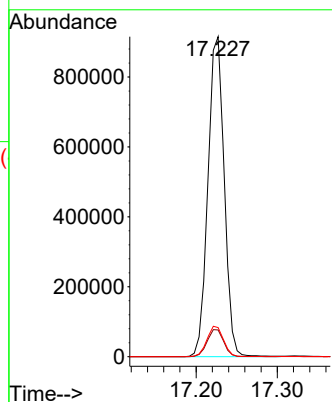
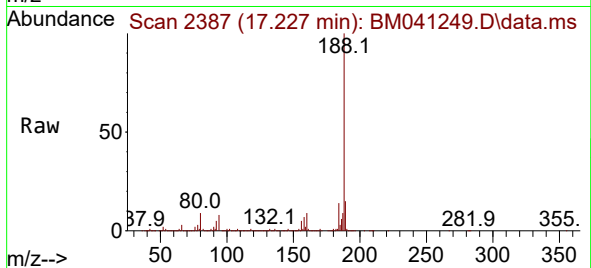
Tgt Ion:188 Resp: 1272732

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.1 8.6 13.0



#71

Phenanthrene

Concen: 2.256 ng

RT: 17.268 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

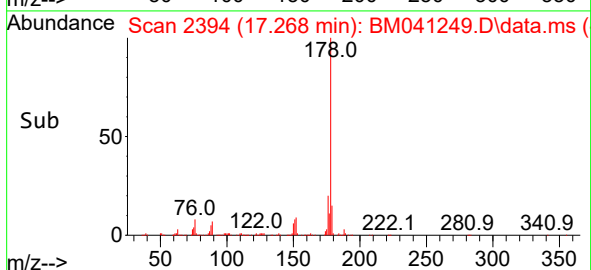
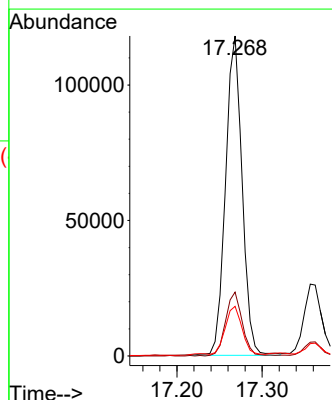
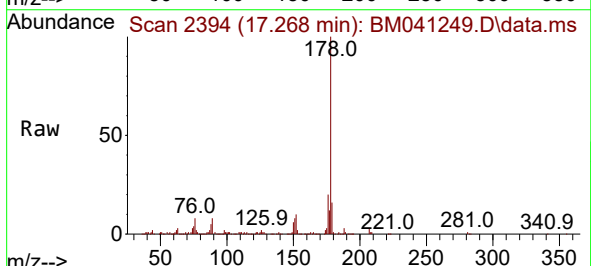
Tgt Ion:178 Resp: 159520

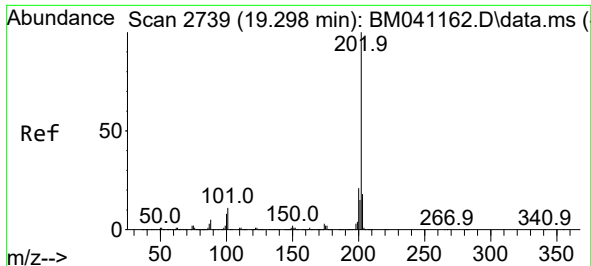
Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 15.5 12.1 18.1

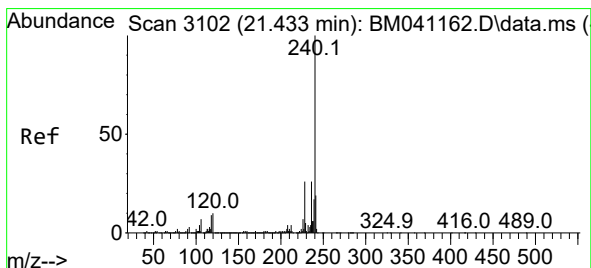
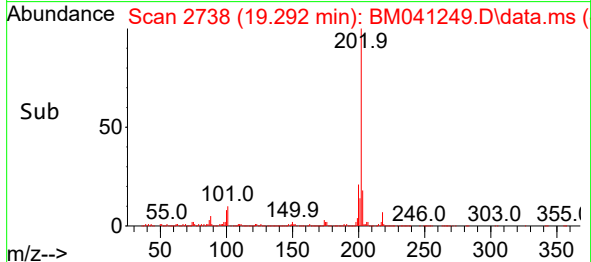
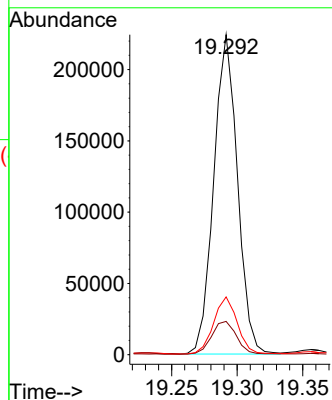
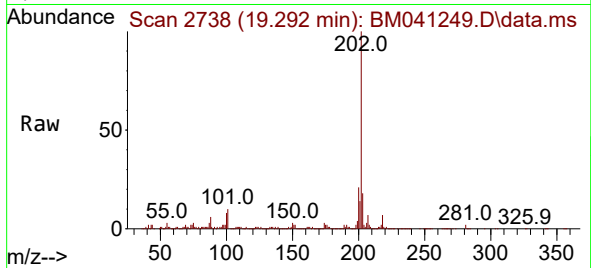




#75
Fluoranthene
Concen: 3.542 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

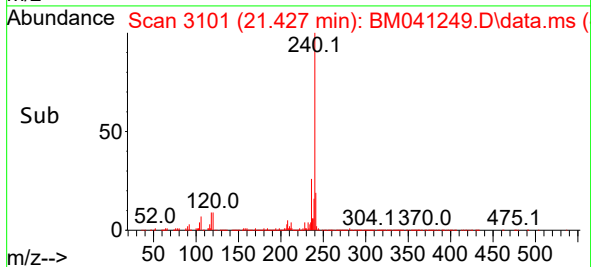
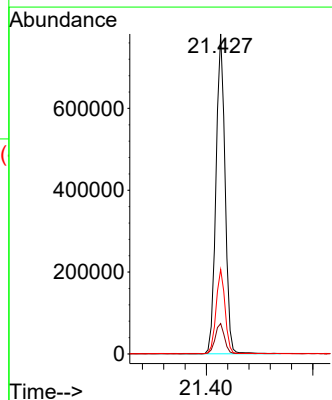
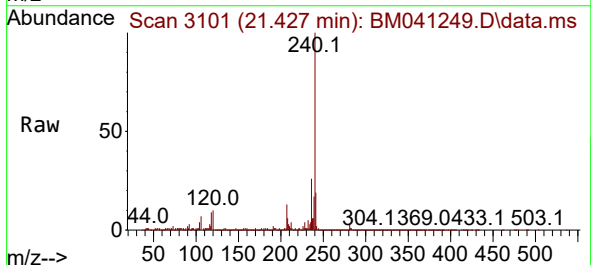
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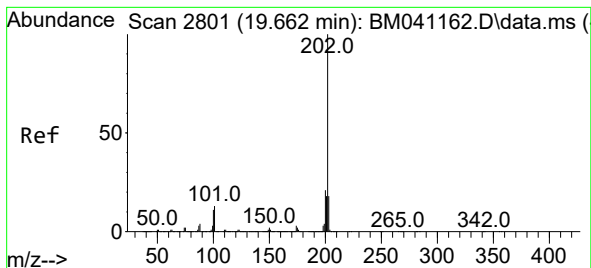
Tgt Ion:202 Resp: 281418
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041249.D
Acq: 02 Aug 2023 17:44

Tgt Ion:240 Resp: 924804
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.4 20.6 30.8





#78

Pyrene

Concen: 7.212 ng

RT: 19.656 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

Instrument :

BNA_M

ClientSampleId :

B-P08A

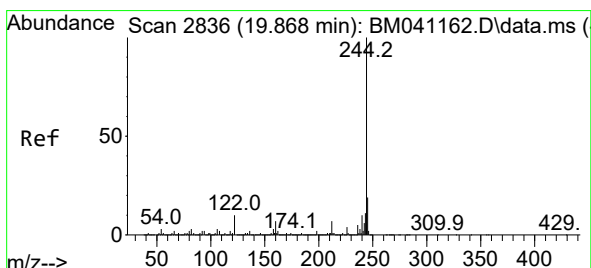
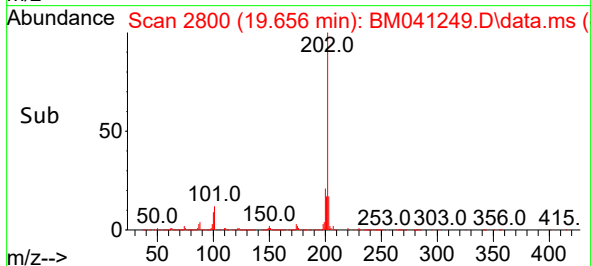
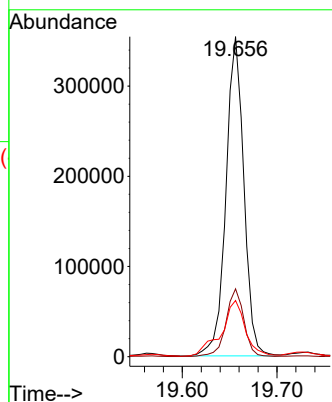
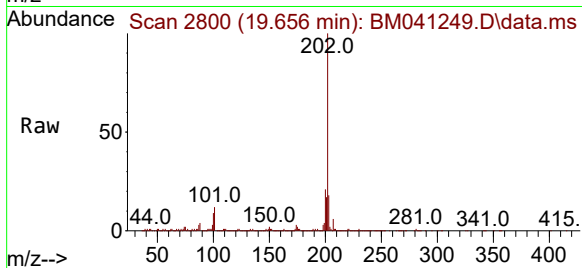
Tgt Ion:202 Resp: 466404

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.6 14.1 21.1



#79

Terphenyl-d14

Concen: 75.576 ng

RT: 19.862 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

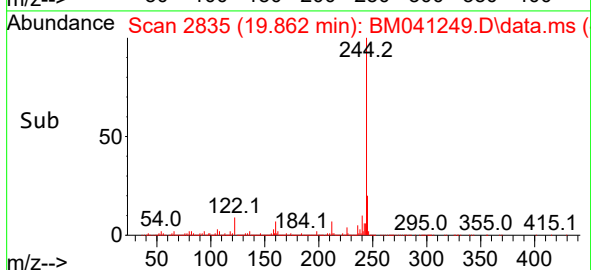
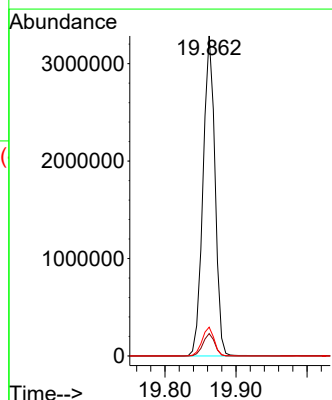
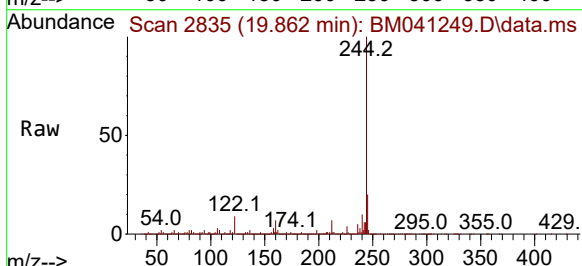
Tgt Ion:244 Resp: 3865628

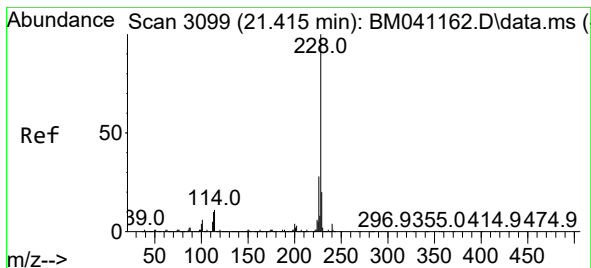
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.0 7.8 11.6





#81

Benzo(a)anthracene

Concen: 3.063 ng

RT: 21.409 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

Instrument :

BNA_M

ClientSampleId :

B-P08A

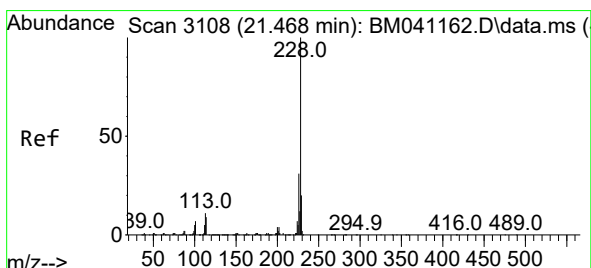
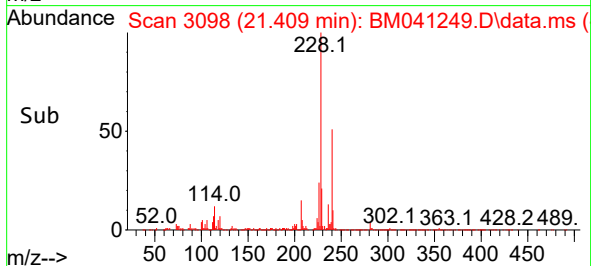
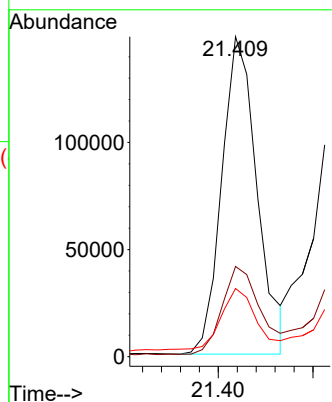
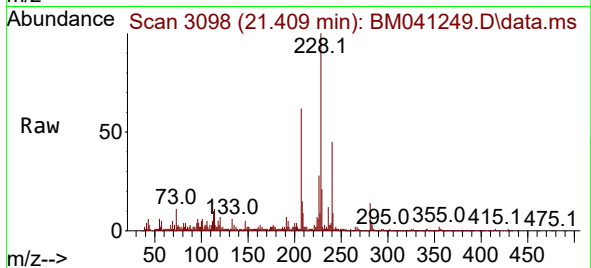
Tgt Ion:228 Resp: 192013

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

229 21.3 15.8 23.8



#83

Chrysene

Concen: 3.178 ng

RT: 21.462 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

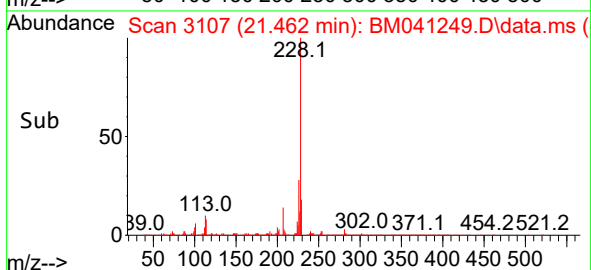
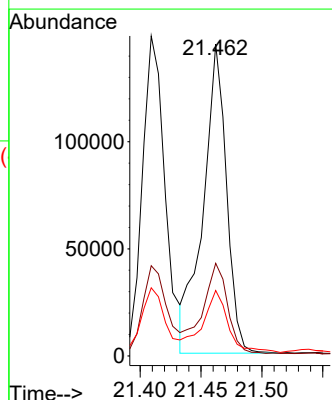
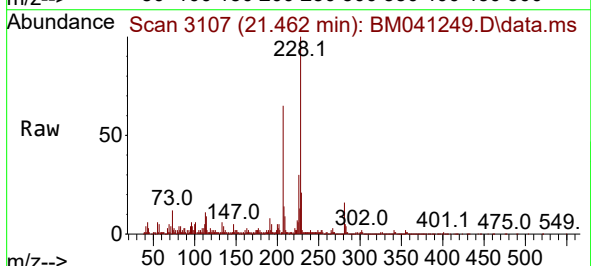
Tgt Ion:228 Resp: 192689

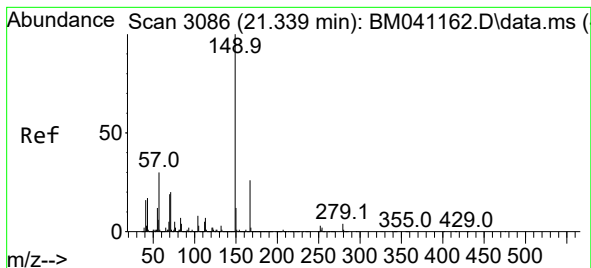
Ion Ratio Lower Upper

228 100

226 29.7 24.5 36.7

229 21.0 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.860 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

Instrument :

BNA_M

ClientSampleId :

B-P08A

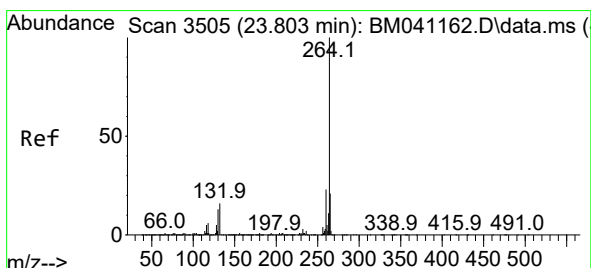
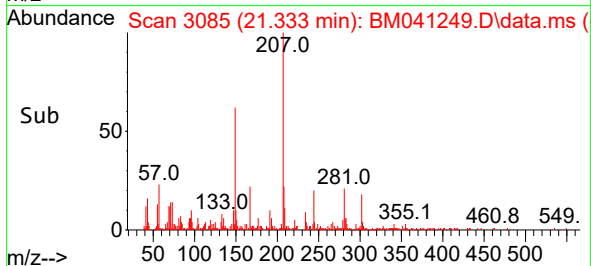
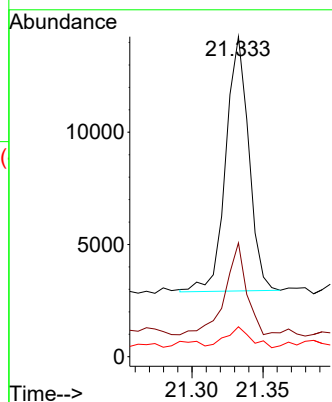
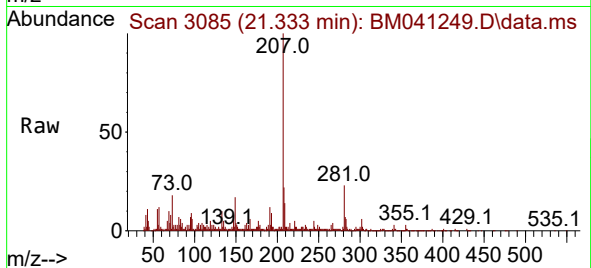
Tgt Ion:149 Resp: 12701

Ion Ratio Lower Upper

149 100

167 35.6 21.0 31.6#

279 9.3 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: BM041249.D

Acq: 02 Aug 2023 17:44

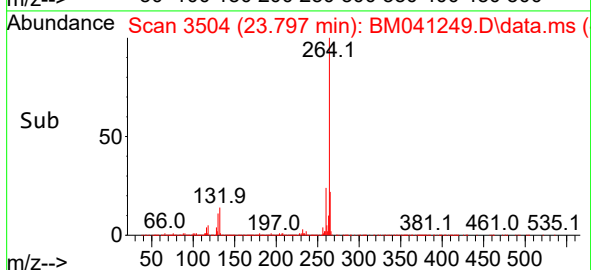
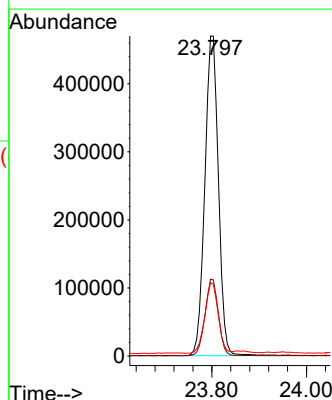
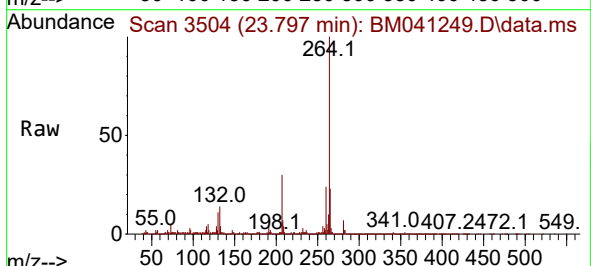
Tgt Ion:264 Resp: 934829

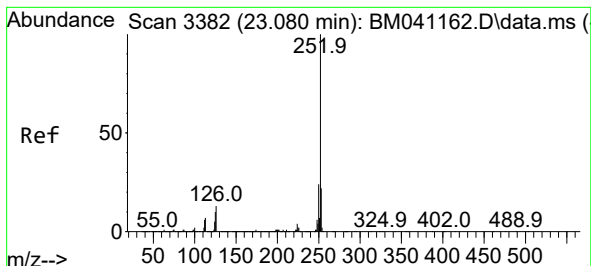
Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.9 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 3.293 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

Instrument :

BNA_M

ClientSampleId :

B-P08A

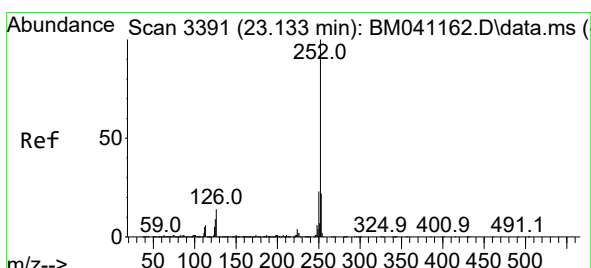
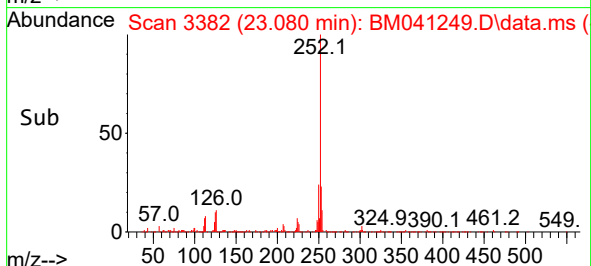
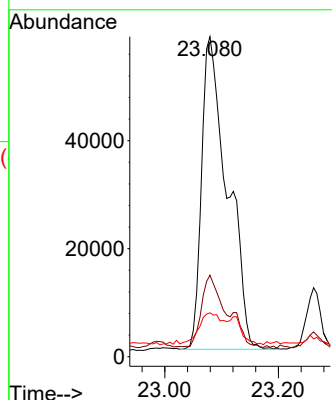
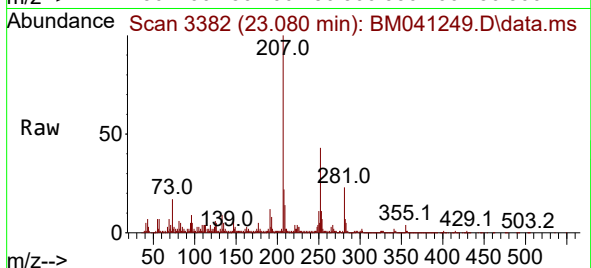
Tgt Ion:252 Resp: 182857

Ion Ratio Lower Upper

252 100

253 25.4 17.7 26.5

125 13.7 8.2 12.4#



#89

Benzo(k)fluoranthene

Concen: 3.219 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.053 min

Lab File: BM041249.D

Acq: 02 Aug 2023 17:44

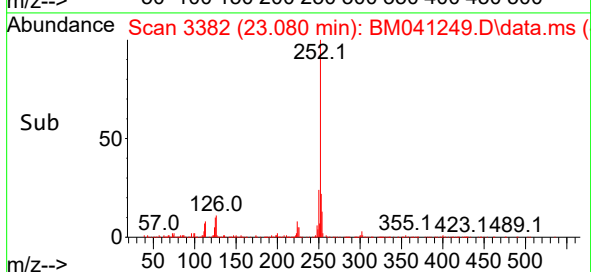
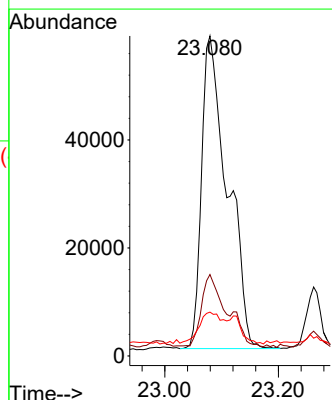
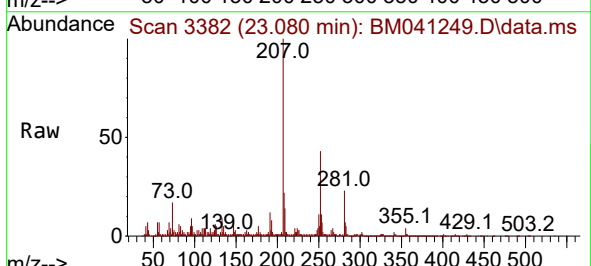
Tgt Ion:252 Resp: 182857

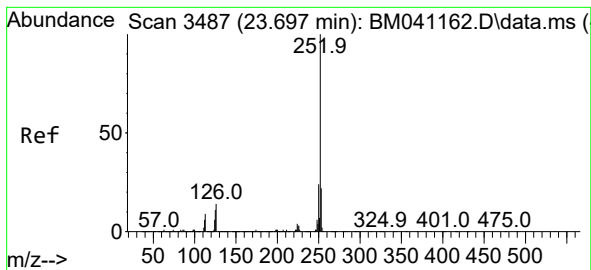
Ion Ratio Lower Upper

252 100

253 25.4 17.4 26.0

125 13.7 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 2.409 ng

RT: 23.691 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM041249.D

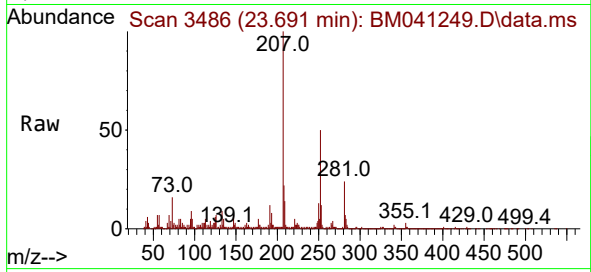
Acq: 02 Aug 2023 17:44

Instrument :

BNA_M

ClientSampleId :

B-P08A



Tgt Ion:252 Resp: 128527

Ion Ratio Lower Upper

252 100

253 24.3 17.3 25.9

125 12.8 9.0 13.4

