

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
 Data File : BM036099.D
 Acq On : 04 Aug 2022 15:20
 Operator : CG/JU
 Sample : N3935-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-132

Quant Time: Aug 05 03:39:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

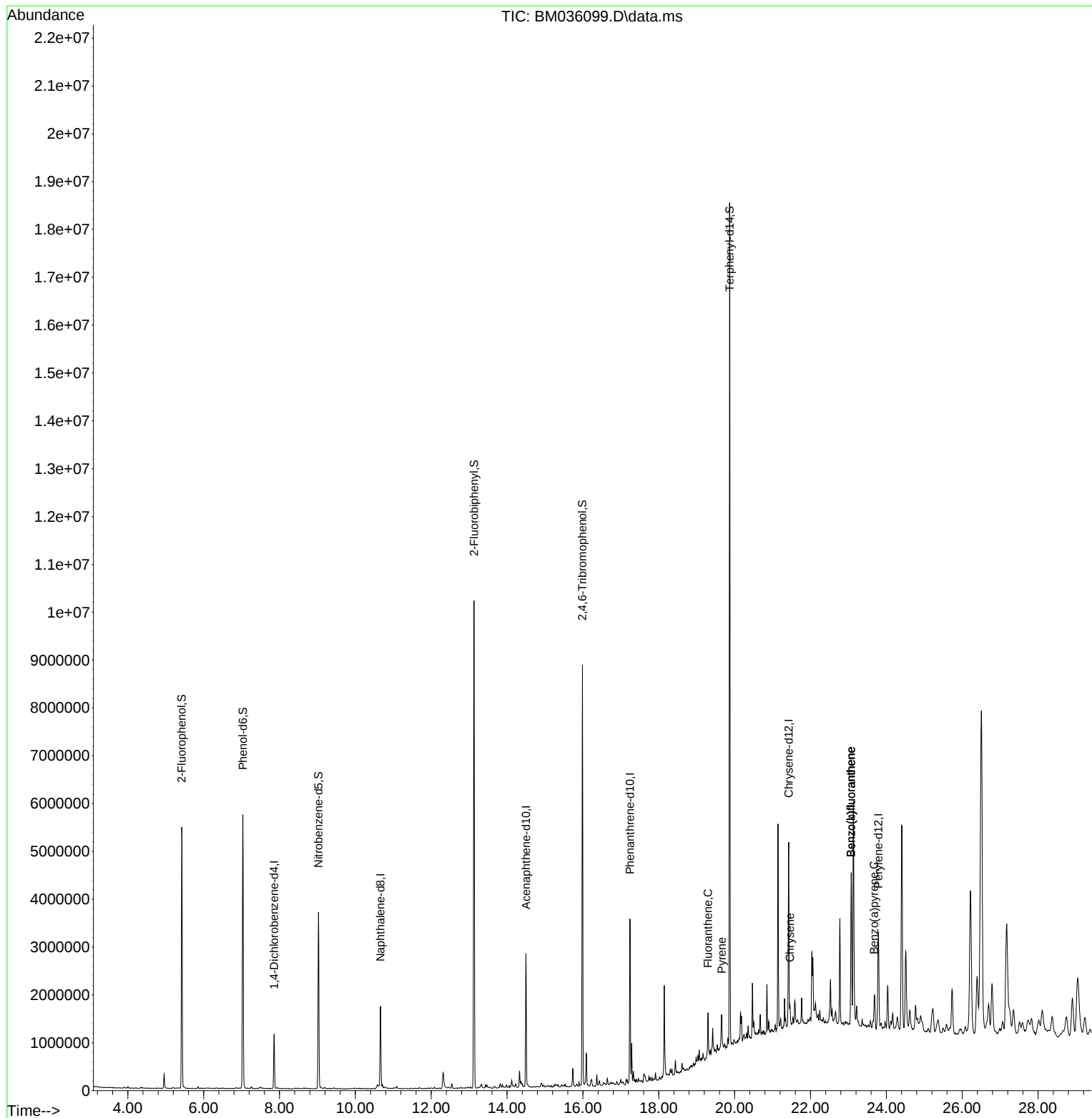
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	304084	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1402938	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	926904	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	2035848	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1680813	20.000	ng	0.00
86) Perylene-d12	23.791	264	1446172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2398012	127.853	ng	0.00
7) Phenol-d6	7.034	99	3232534	135.447	ng	0.00
23) Nitrobenzene-d5	9.028	82	2030998	81.036	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1574488	144.796	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	4987724	79.450	ng	0.00
79) Terphenyl-d14	19.868	244	8372330	98.250	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.298	202	356860	3.074	ng	98
78) Pyrene	19.662	202	375854	3.606	ng	99
83) Chrysene	21.462	228	215477	2.190	ng	97
88) Benzo(b)fluoranthene	23.068	252	233006	2.750	ng	# 80
89) Benzo(k)fluoranthene	23.068	252	233006	2.723	ng	# 79
90) Benzo(a)pyrene	23.680	252	143014	2.012	ng	# 85

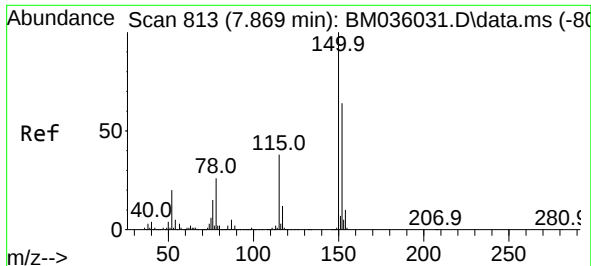
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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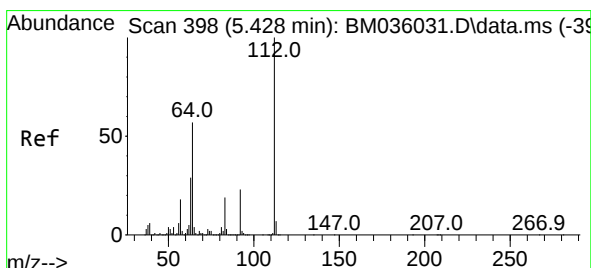
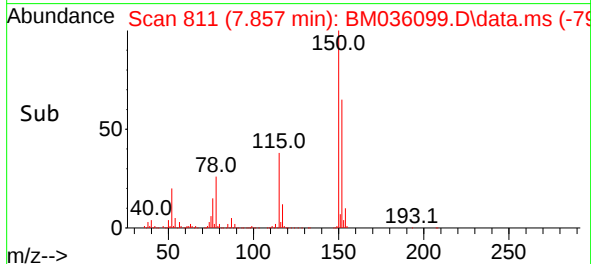
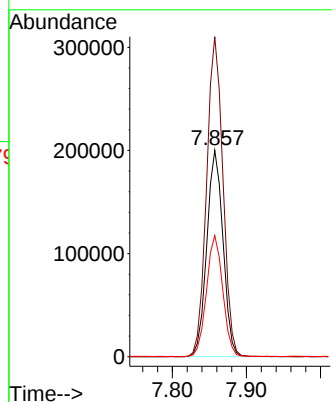
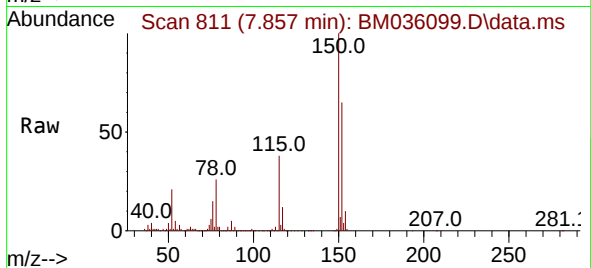




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

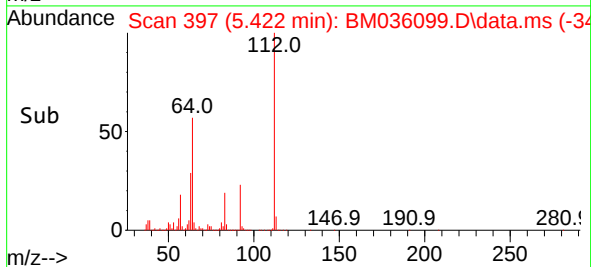
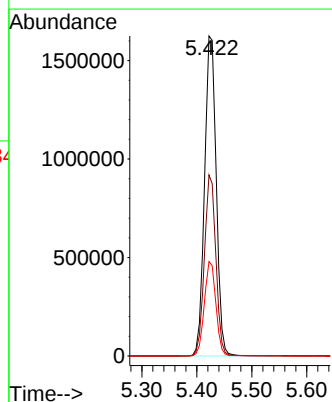
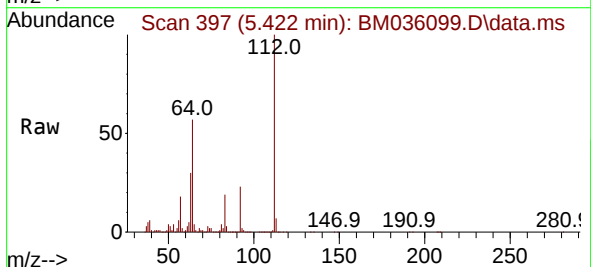
Instrument :
BNA_M
ClientSampleId :
RVE-132

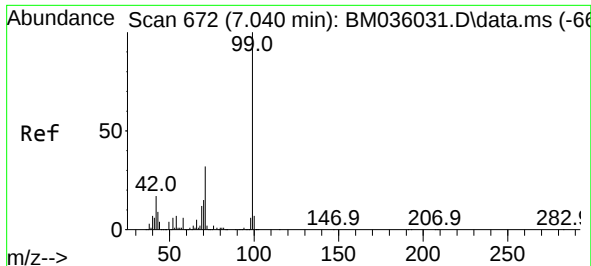
Tgt Ion:152 Resp: 304084
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 58.7 47.9 71.9



#5
2-Fluorophenol
Concen: 127.853 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Tgt Ion:112 Resp: 2398012
Ion Ratio Lower Upper
112 100
64 56.5 47.8 71.6
63 29.5 26.6 40.0

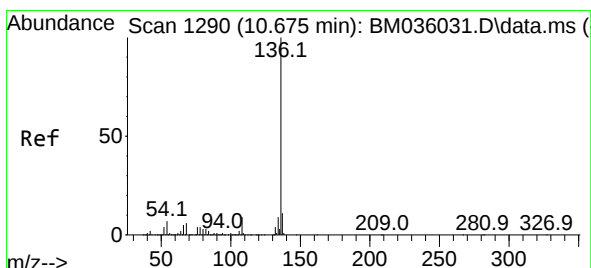
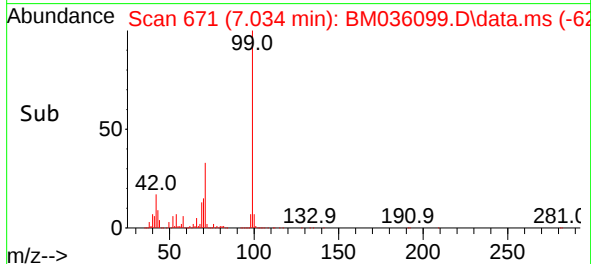
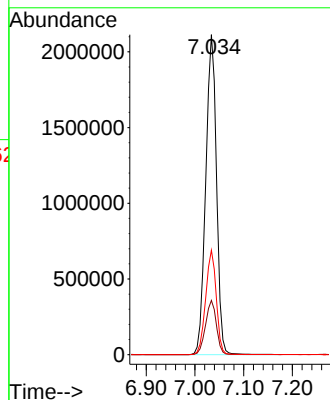
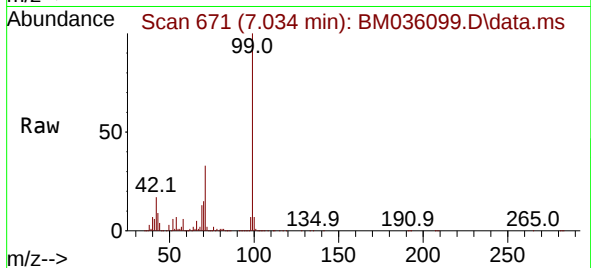




#7
Phenol-d6
Concen: 135.447 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

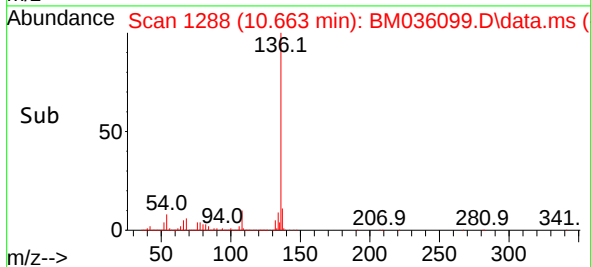
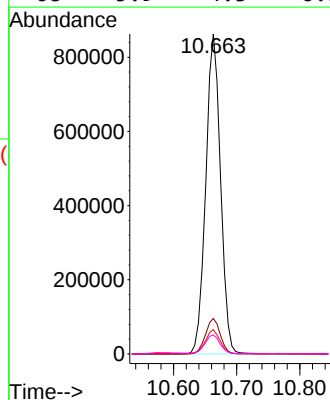
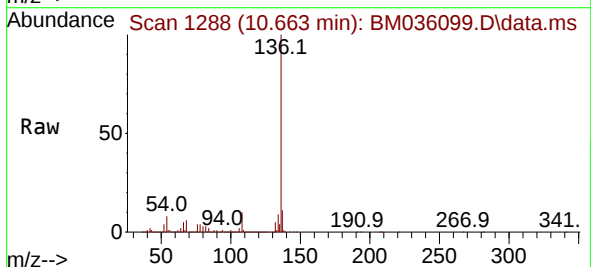
Instrument :
BNA_M
ClientSampleId :
RVE-132

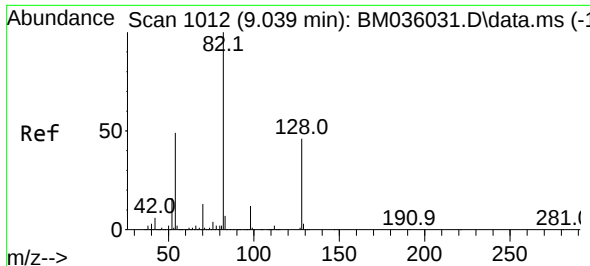
Tgt Ion: 99 Resp: 3232534
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 32.7 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Tgt Ion: 136 Resp: 1402938
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5

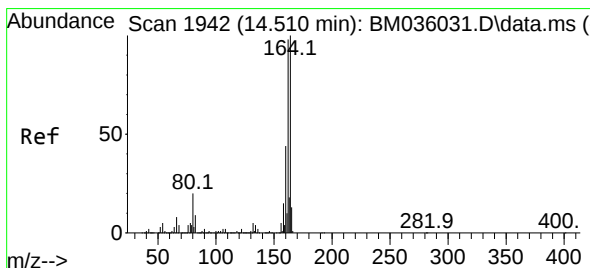
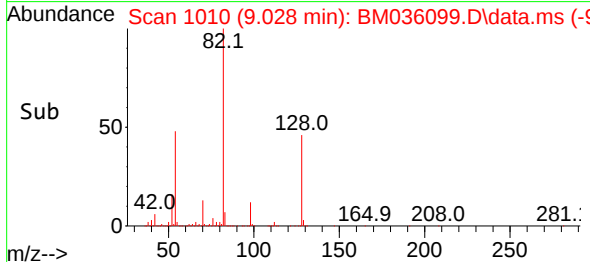
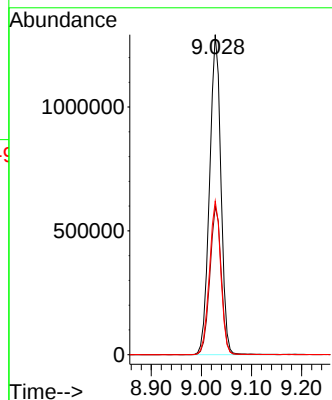
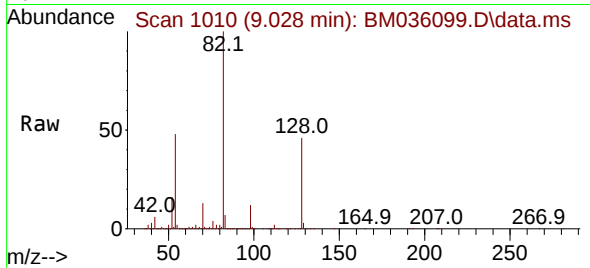




#23
Nitrobenzene-d5
Concen: 81.036 ng
RT: 9.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

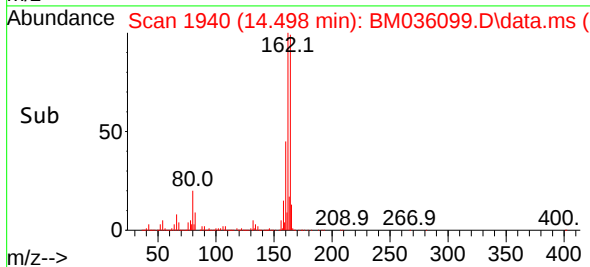
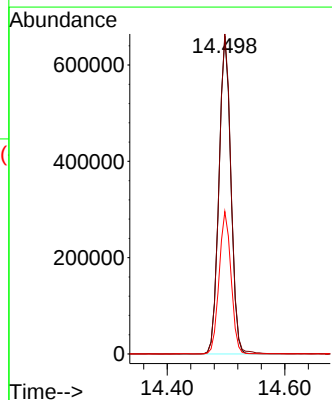
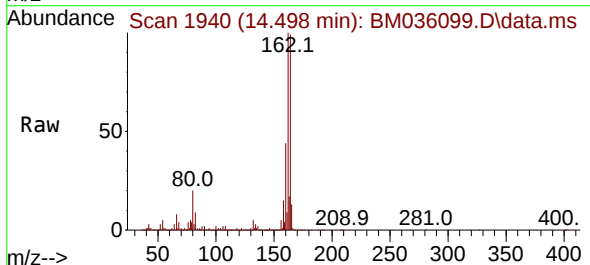
Instrument :
BNA_M
ClientSampleId :
RVE-132

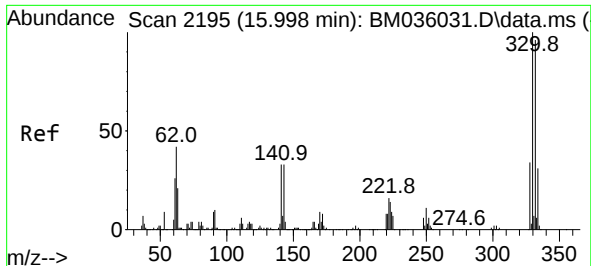
Tgt Ion: 82 Resp: 2030998
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 48.0 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Tgt Ion:164 Resp: 926904
Ion Ratio Lower Upper
164 100
162 100.7 83.0 124.6
160 44.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 144.796 ng

RT: 15.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BM036099.D

Acq: 04 Aug 2022 15:20

Instrument :

BNA_M

ClientSampleId :

RVE-132

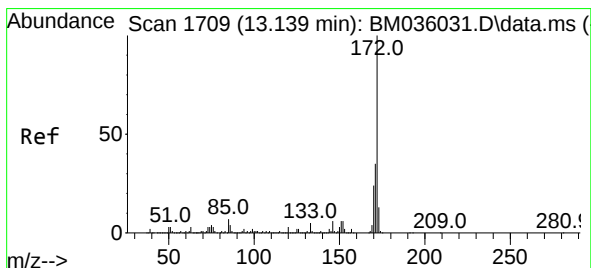
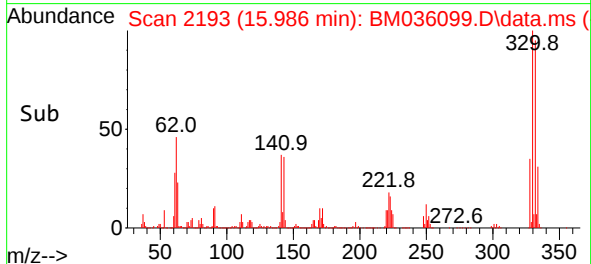
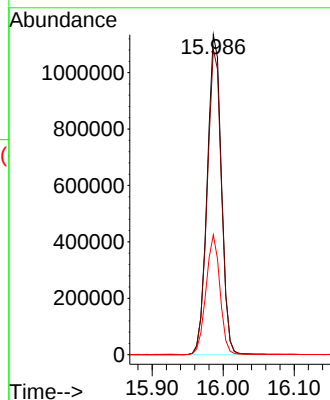
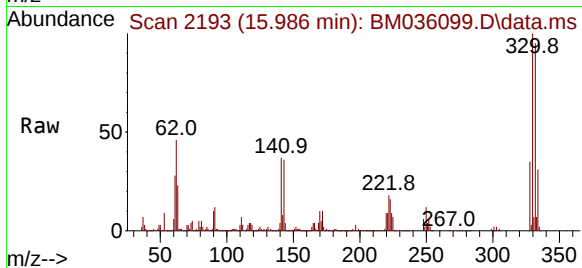
Tgt Ion:330 Resp: 1574488

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.4

141 36.9 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 79.450 ng

RT: 13.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BM036099.D

Acq: 04 Aug 2022 15:20

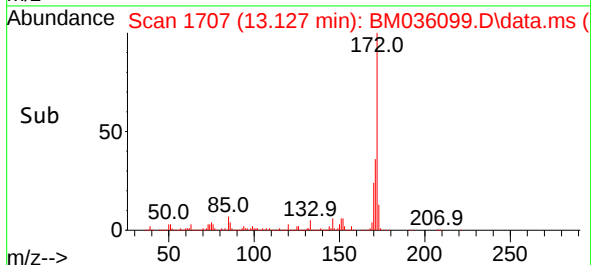
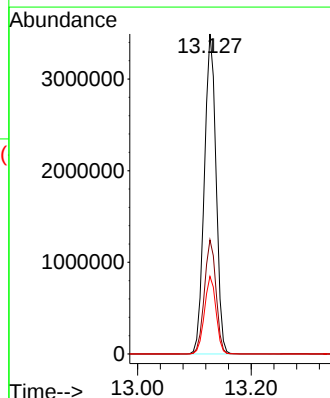
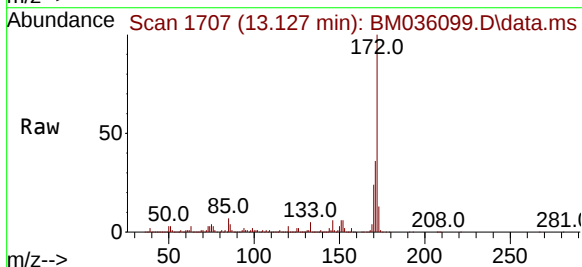
Tgt Ion:172 Resp: 4987724

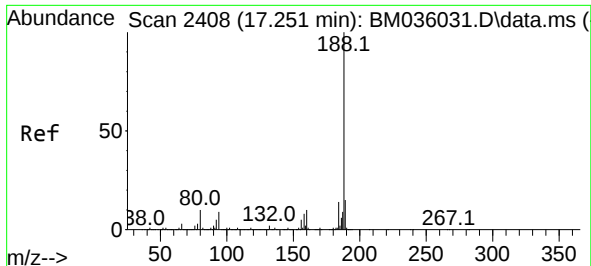
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.2 18.7 28.1

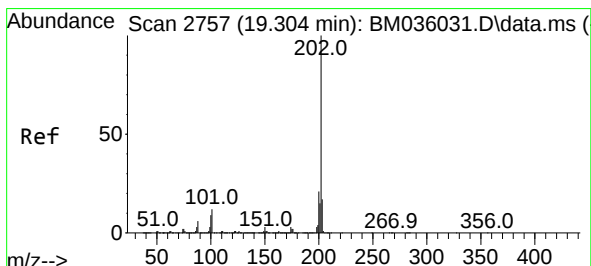
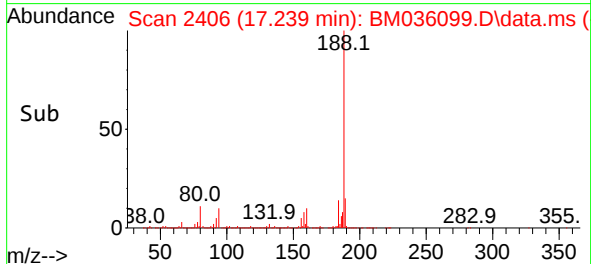
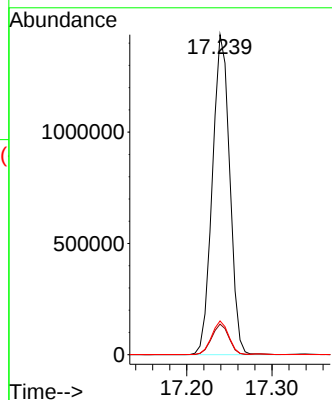
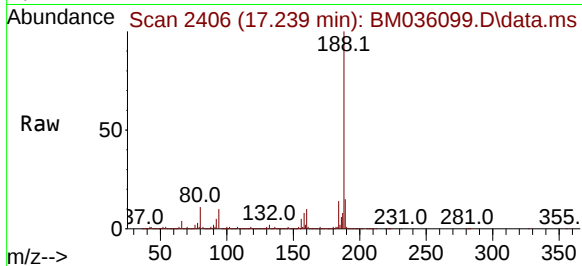




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

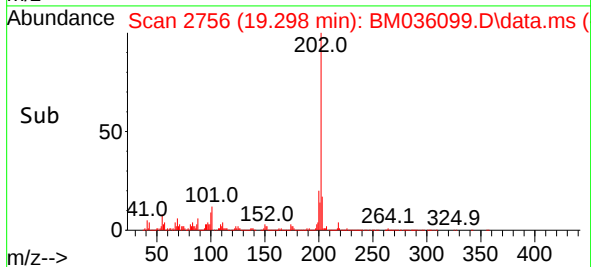
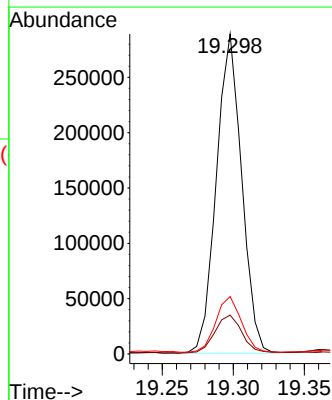
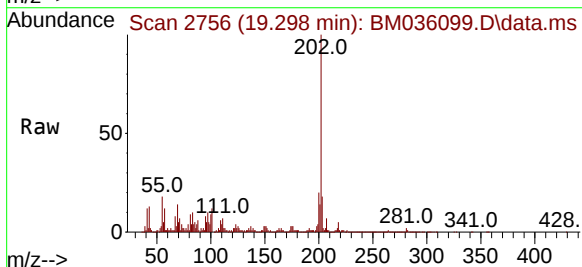
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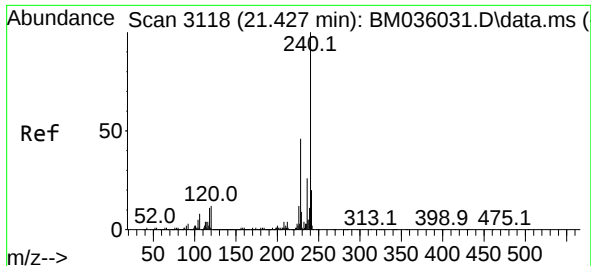
Tgt Ion:188 Resp: 2035848
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.6 7.6 11.4



#75
Fluoranthene
Concen: 3.074 ng
RT: 19.298 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Tgt Ion:202 Resp: 356860
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.6
203 18.0 0.0 37.4

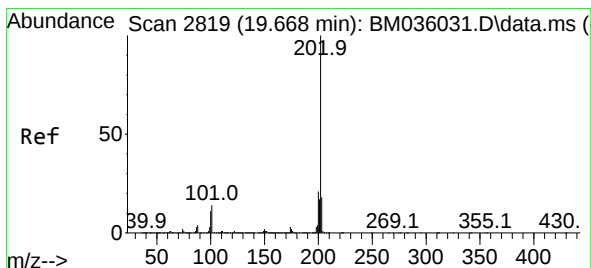
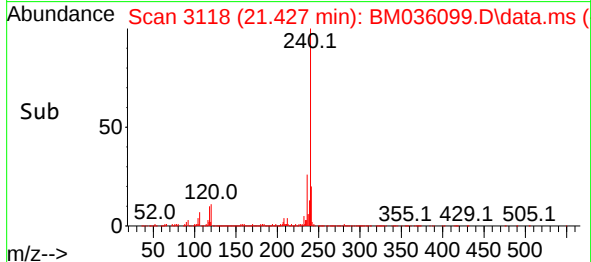
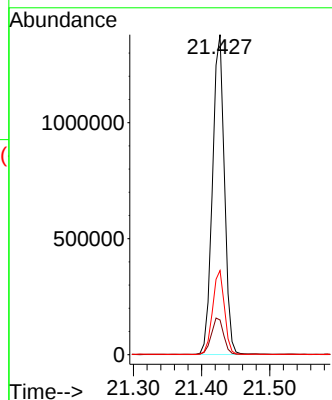
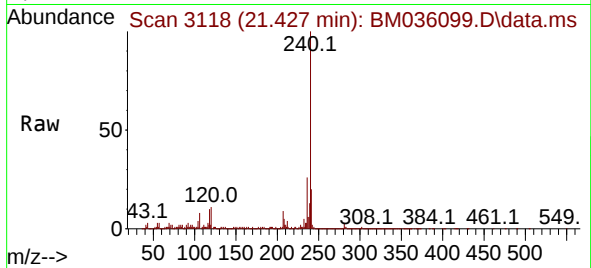




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

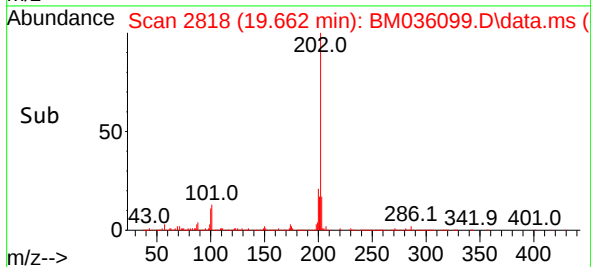
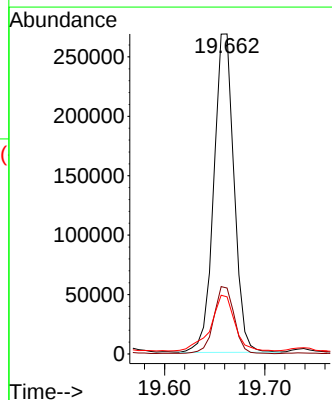
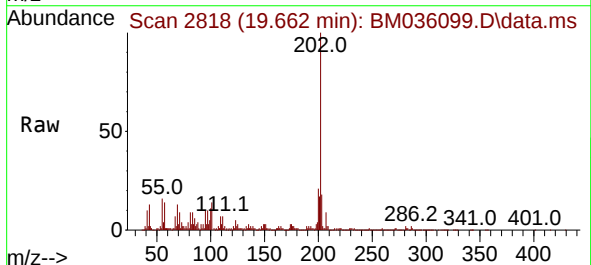
Instrument :
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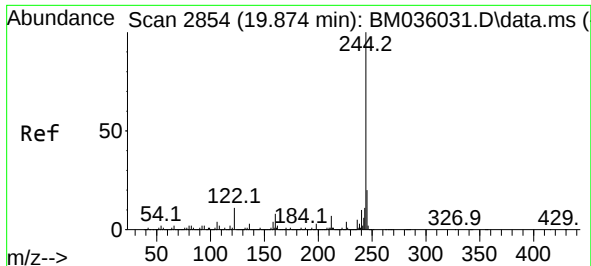
Tgt Ion:240 Resp: 1680813
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.0
236 26.3 20.6 30.8



#78
Pyrene
Concen: 3.606 ng
RT: 19.662 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Tgt Ion:202 Resp: 375854
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.8 13.9 20.9

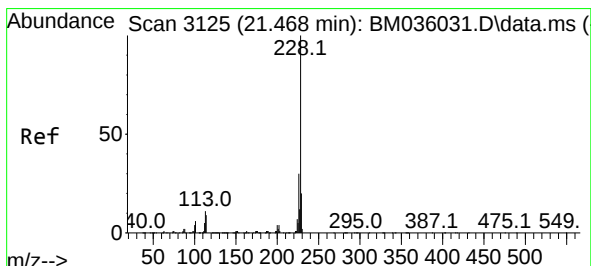
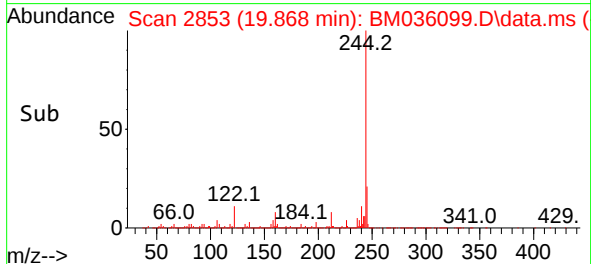
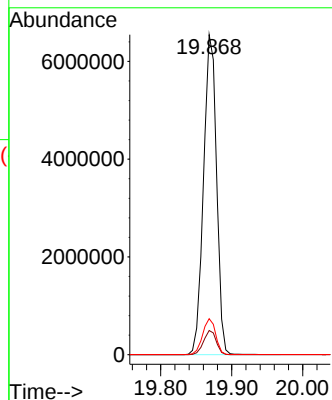
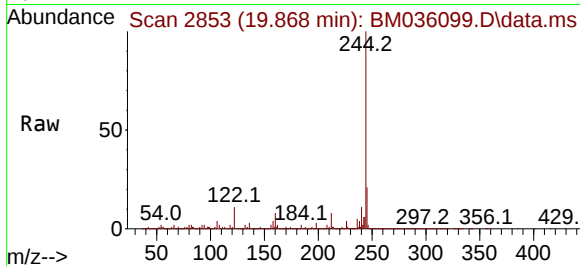




#79
 Terphenyl-d14
 Concen: 98.250 ng
 RT: 19.868 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036099.D
 Acq: 04 Aug 2022 15:20

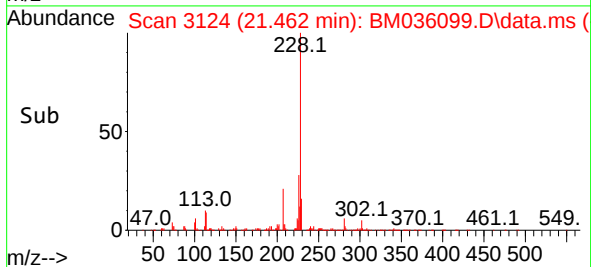
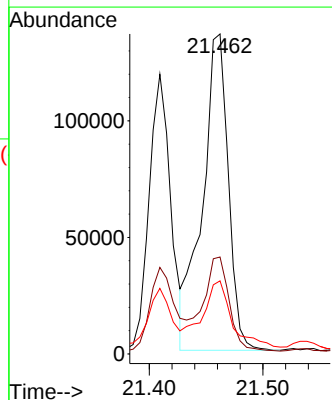
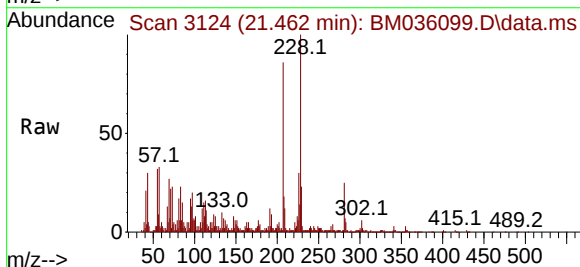
Instrument :
 BNA_M
 ClientSampleId :
 RVE-132

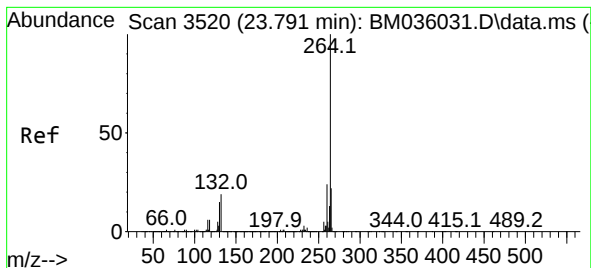
Tgt Ion:244 Resp: 8372330
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 11.2 8.3 12.5



#83
 Chrysene
 Concen: 2.190 ng
 RT: 21.462 min Scan# 3124
 Delta R.T. 0.000 min
 Lab File: BM036099.D
 Acq: 04 Aug 2022 15:20

Tgt Ion:228 Resp: 215477
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.4 36.6
 229 22.9 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM036099.D

Acq: 04 Aug 2022 15:20

Instrument :

BNA_M

ClientSampleId :

RVE-132

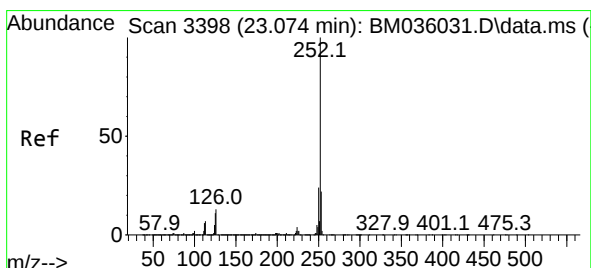
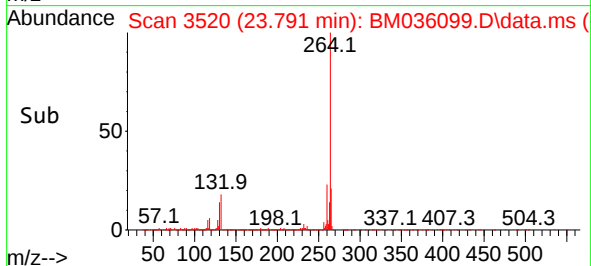
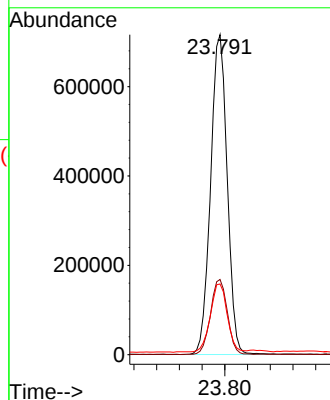
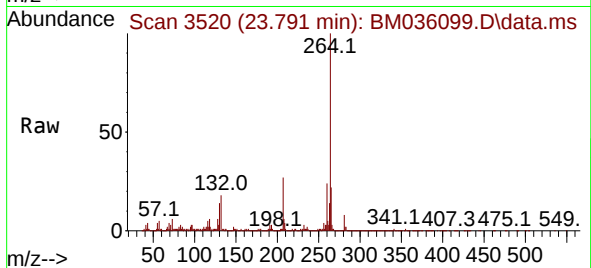
Tgt Ion:264 Resp: 1446172

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.1 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.750 ng

RT: 23.068 min Scan# 3397

Delta R.T. 0.000 min

Lab File: BM036099.D

Acq: 04 Aug 2022 15:20

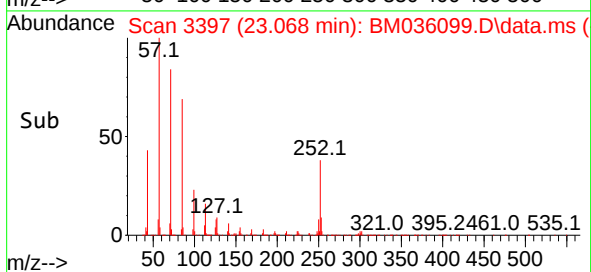
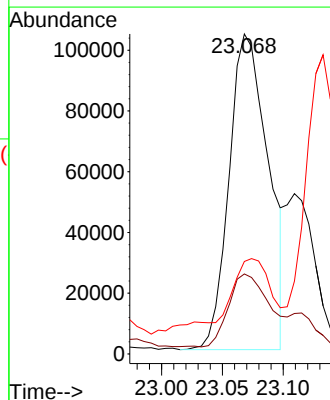
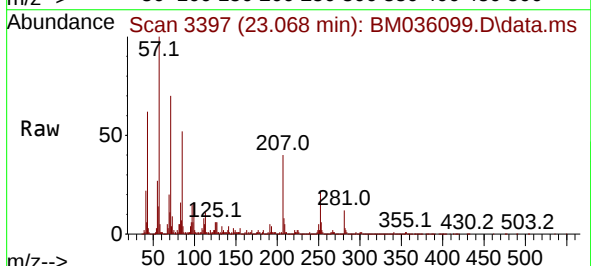
Tgt Ion:252 Resp: 233006

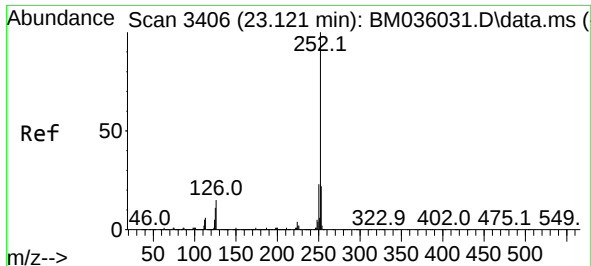
Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 28.9 7.6 11.4#

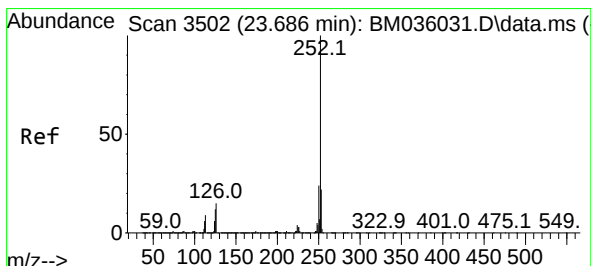
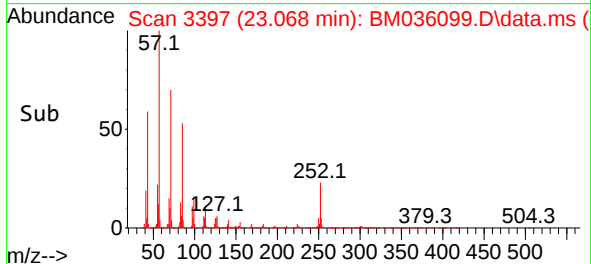
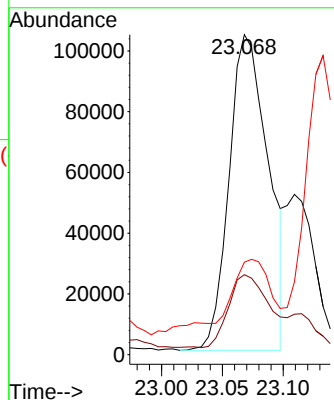
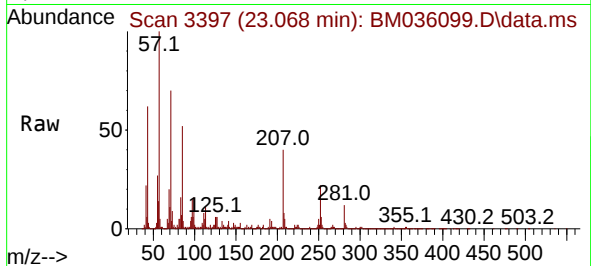




#89
Benzo(k)fluoranthene
Concen: 2.723 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.047 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Instrument :
BNA_M
ClientSampleId :
RVE-132

Tgt Ion:252 Resp: 233006
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 28.9 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 2.012 ng
RT: 23.680 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Tgt Ion:252 Resp: 143014
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 23.2 8.7 13.1#

