

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036139.D
 Acq On : 06 Aug 2022 03:20
 Operator : CG/JU
 Sample : N3961-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-171

Quant Time: Aug 06 04:19:15 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)

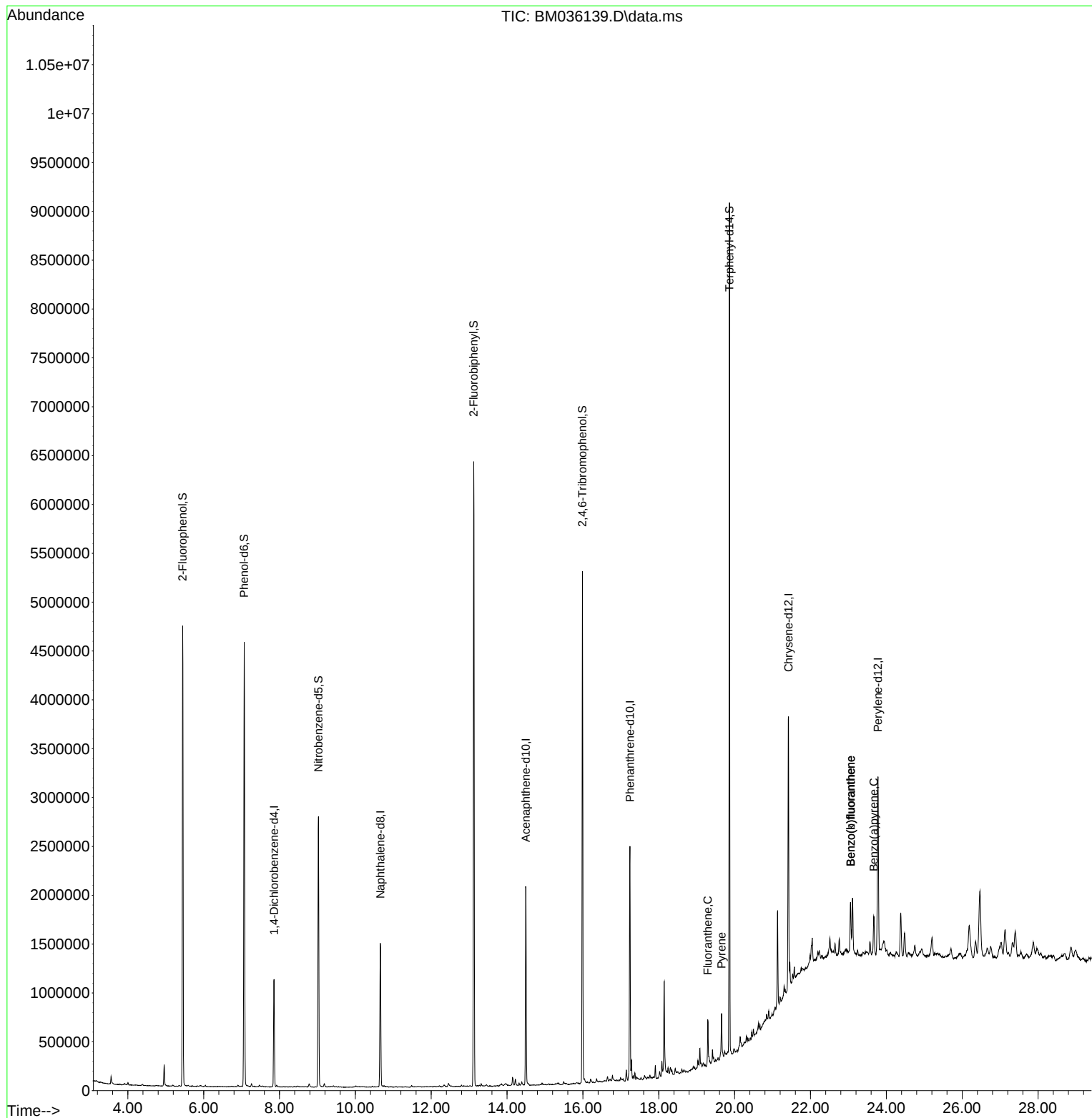
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	304389	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1259330	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	720332	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1410288	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1269989	20.000	ng	0.00
86) Perylene-d12	23.780	264	1325171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2077370	110.647	ng	0.02
7) Phenol-d6	7.069	99	2598300	108.763	ng	0.04
23) Nitrobenzene-d5	9.028	82	1566864	69.647	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	954582	112.962	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	3229976	66.205	ng	0.00
79) Terphenyl-d14	19.862	244	3967852	61.625	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.292	202	239322	2.976	ng	98
78) Pyrene	19.657	202	263097	3.341	ng	99
88) Benzo(b)fluoranthene	23.062	252	197796	2.548	ng	# 89
89) Benzo(k)fluoranthene	23.062	252	197796	2.522	ng	# 89
90) Benzo(a)pyrene	23.668	252	135575	2.081	ng	# 86

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

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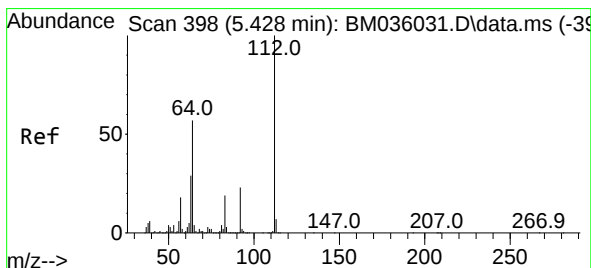
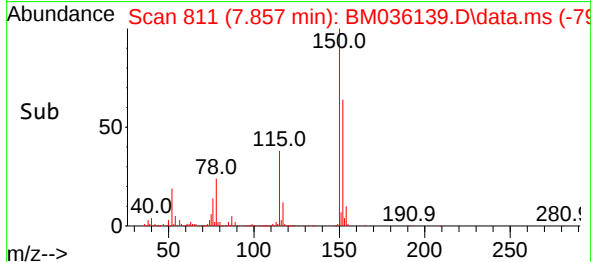
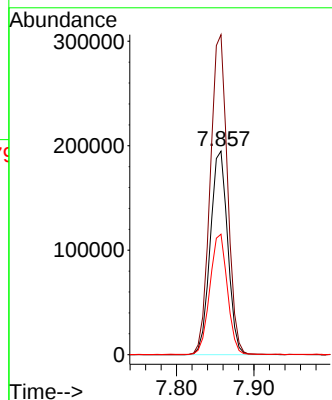
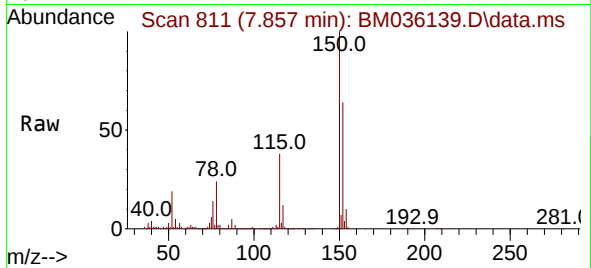




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

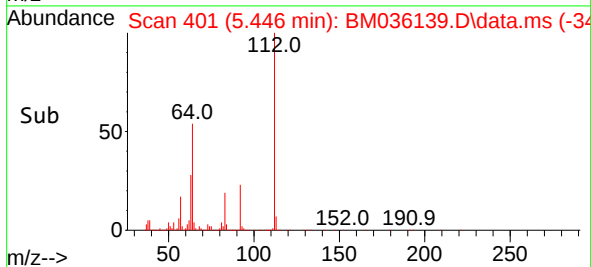
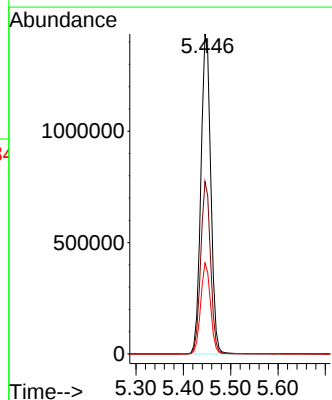
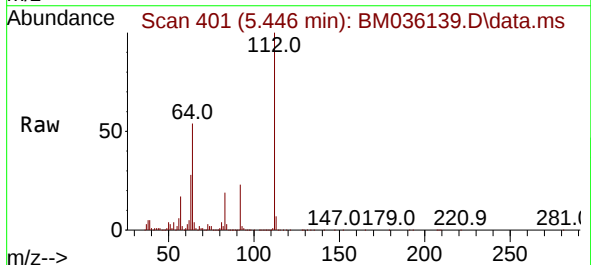
Instrument :
BNA_M
ClientSampleId :
RVE-171

Tgt Ion:152 Resp: 304389
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 110.647 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

Tgt Ion:112 Resp: 2077370
Ion Ratio Lower Upper
112 100
64 53.9 47.8 71.6
63 28.4 26.6 40.0

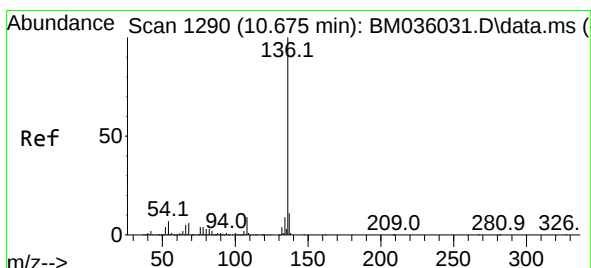
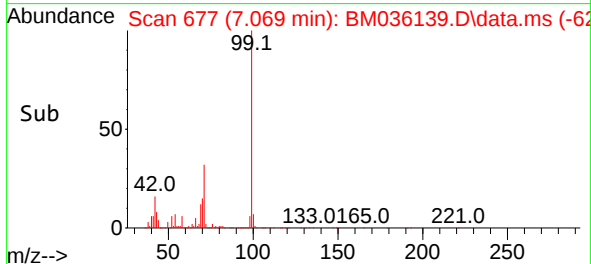
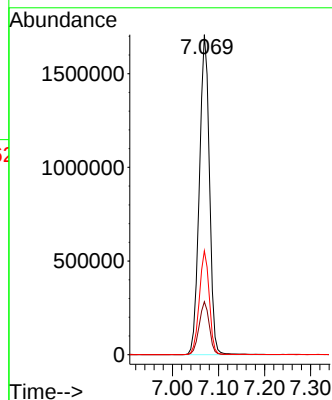
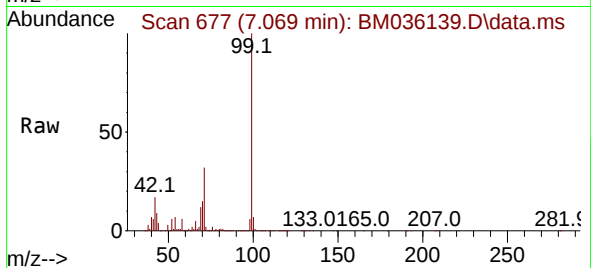




#7
Phenol-d6
Concen: 108.763 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

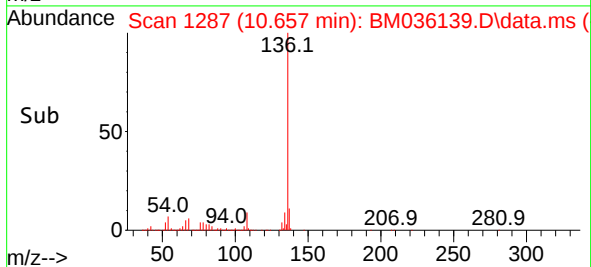
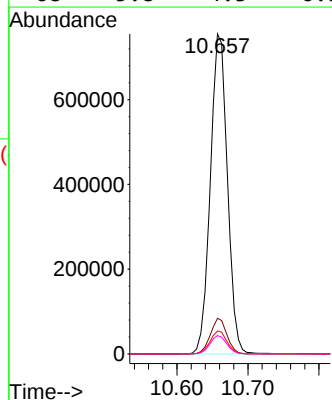
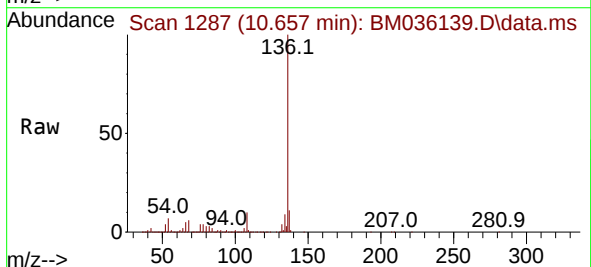
Instrument :
BNA_M
ClientSampleId :
RVE-171

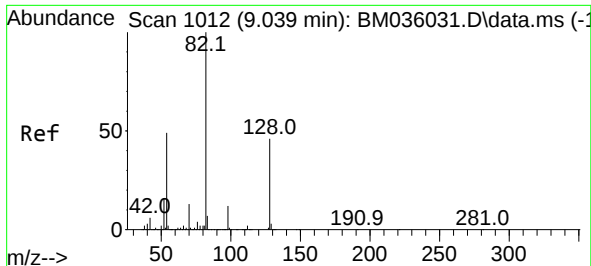
Tgt Ion: 99 Resp: 2598300
Ion Ratio Lower Upper
99 100
42 16.5 18.8 28.2#
71 32.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

Tgt Ion: 136 Resp: 1259330
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.2 7.0 10.4
68 5.8 4.3 6.5

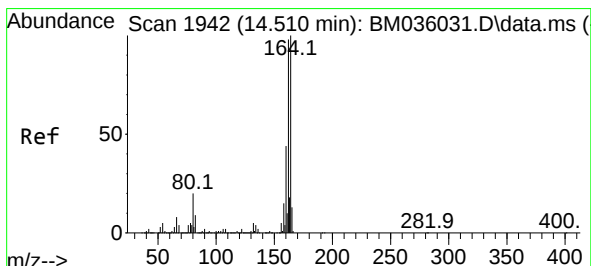
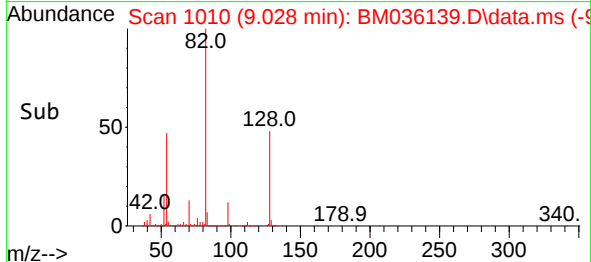
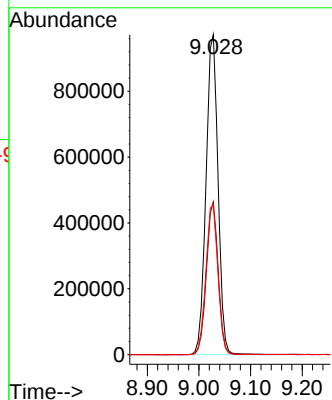
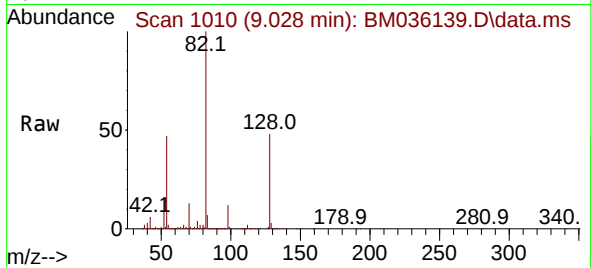




#23
 Nitrobenzene-d5
 Concen: 69.647 ng
 RT: 9.028 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: BM036139.D
 Acq: 06 Aug 2022 03:20

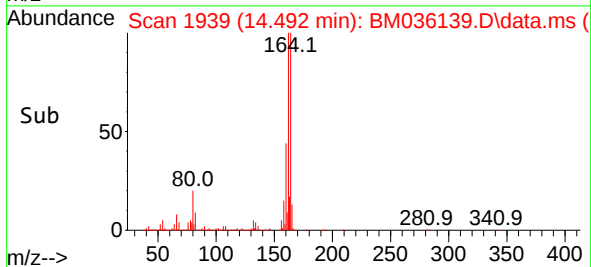
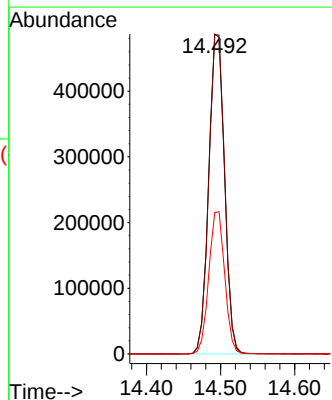
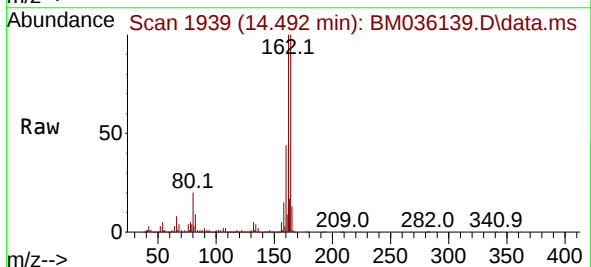
Instrument :
 BNA_M
 ClientSampleId :
 RVE-171

Tgt Ion: 82 Resp: 1566864
 Ion Ratio Lower Upper
 82 100
 128 47.7 33.7 50.5
 54 46.8 43.2 64.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.492 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM036139.D
 Acq: 06 Aug 2022 03:20

Tgt Ion: 164 Resp: 720332
 Ion Ratio Lower Upper
 164 100
 162 99.8 83.0 124.6
 160 44.2 37.0 55.4

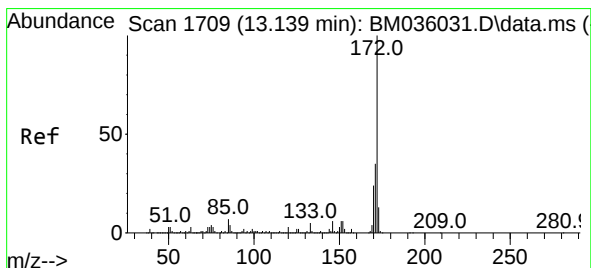
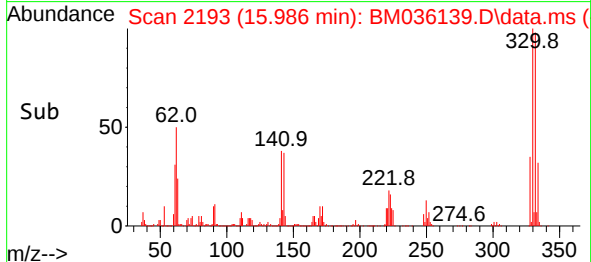
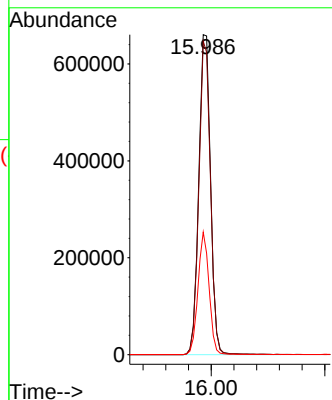
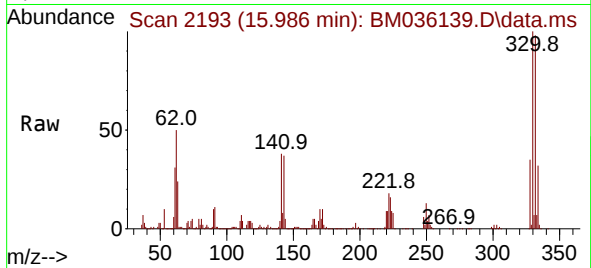




#42
2,4,6-Tribromophenol
Concen: 112.962 ng
RT: 15.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

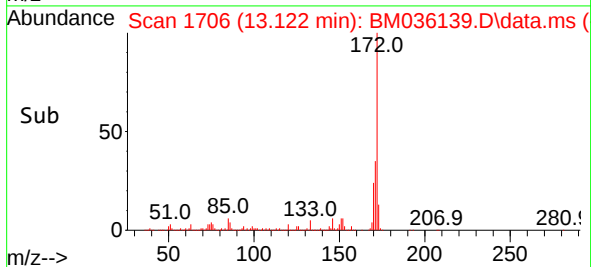
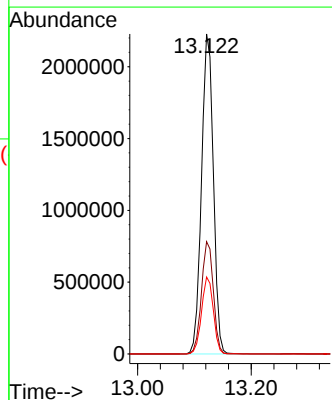
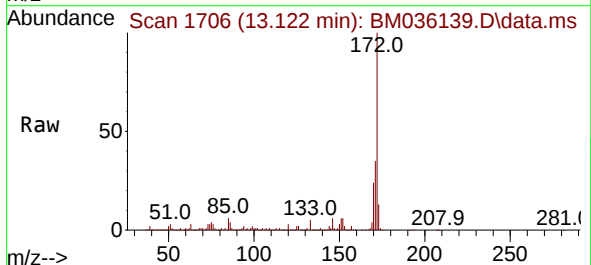
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BNA_M
ClientSampleId :
RVE-171

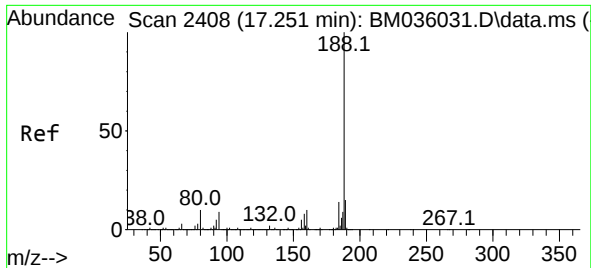
Tgt Ion:330 Resp: 954582
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 36.1 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 66.205 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

Tgt Ion:172 Resp: 3229976
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 24.1 18.7 28.1

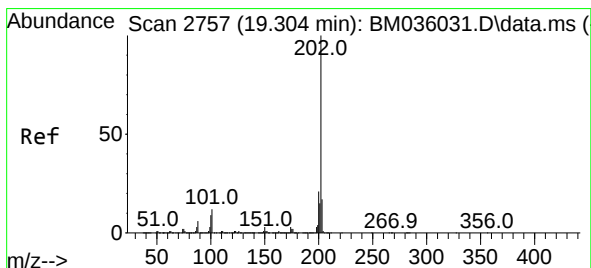
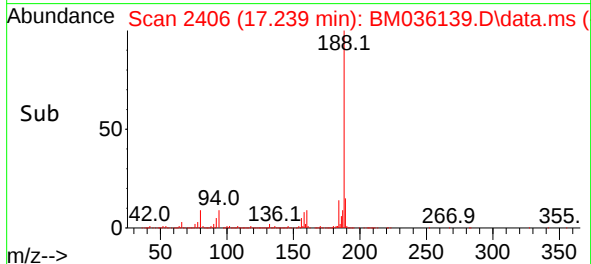
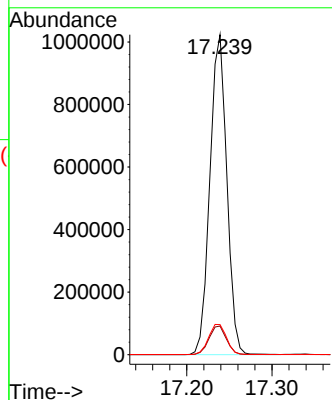
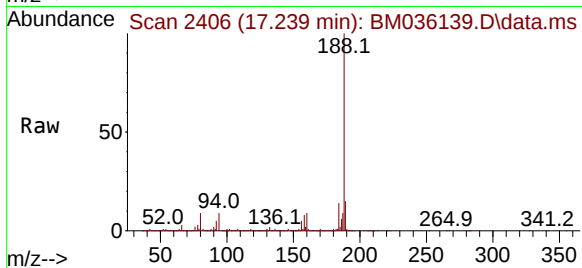




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

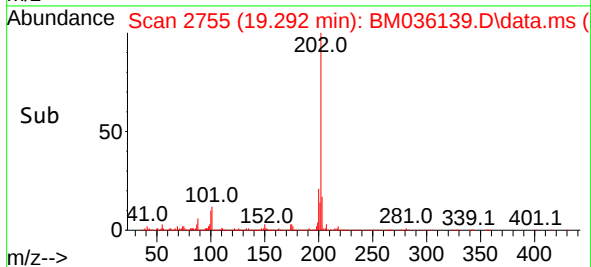
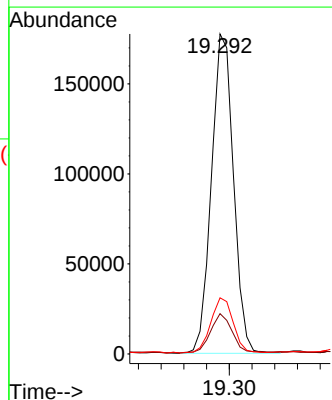
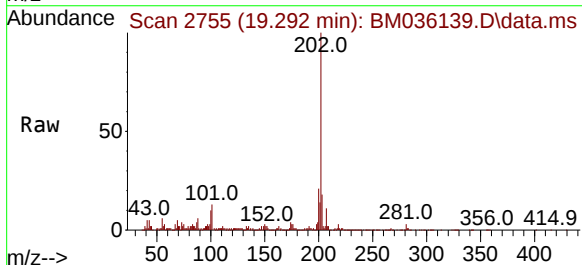
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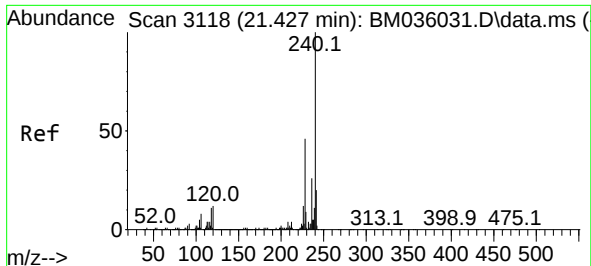
Tgt Ion:188 Resp: 1410288
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.4 7.6 11.4



#75
Fluoranthene
Concen: 2.976 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

Tgt Ion:202 Resp: 239322
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.6
203 17.6 0.0 37.4

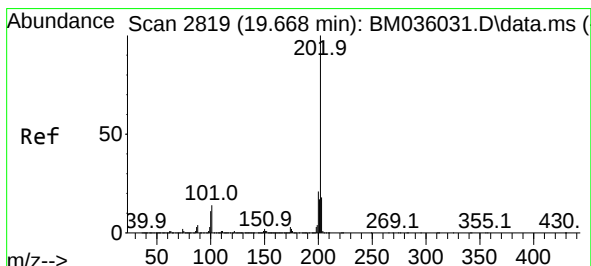
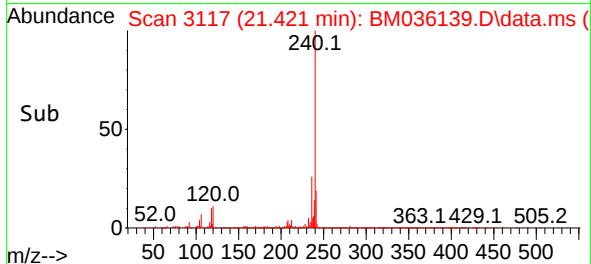
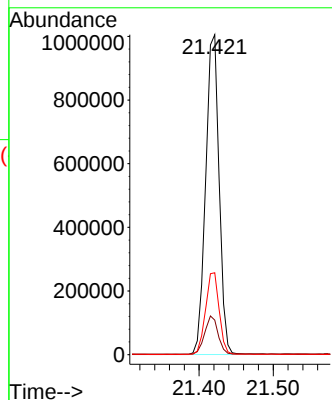
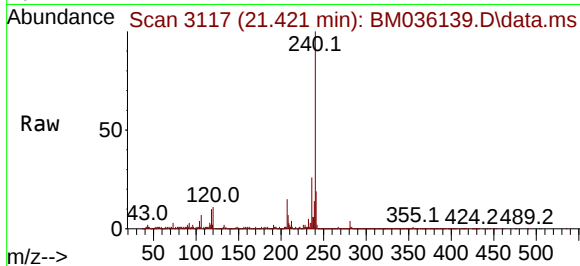




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

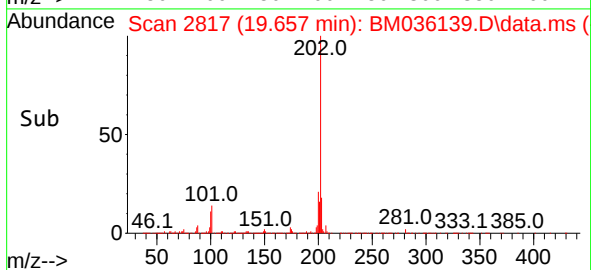
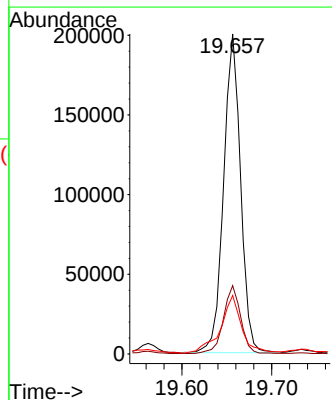
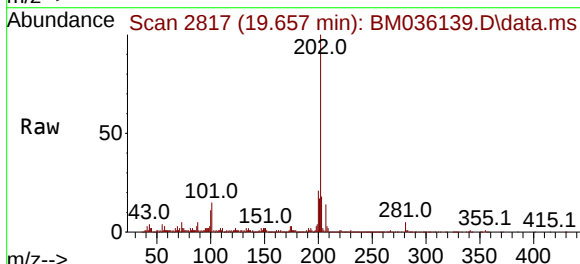
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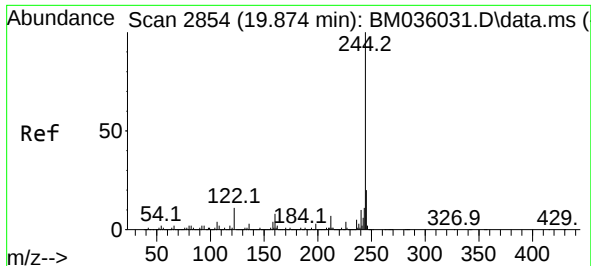
Tgt Ion:240 Resp: 1269989
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.0
236 25.6 20.6 30.8



#78
Pyrene
Concen: 3.341 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

Tgt Ion:202 Resp: 263097
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.2 13.9 20.9

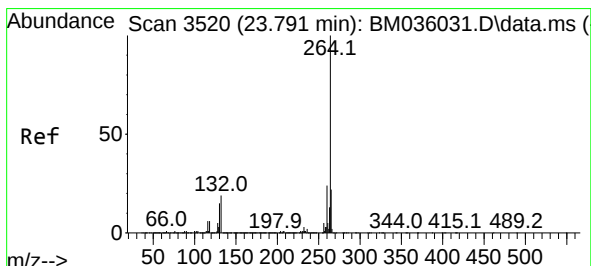
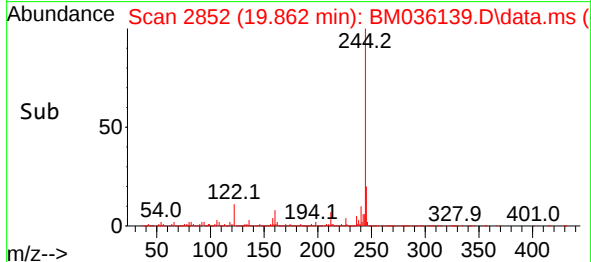
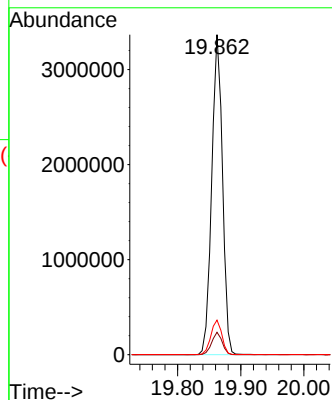
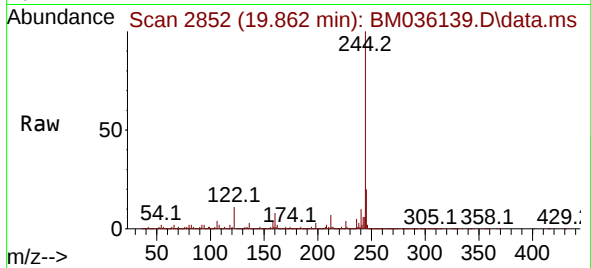




#79
 Terphenyl-d14
 Concen: 61.625 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036139.D
 Acq: 06 Aug 2022 03:20

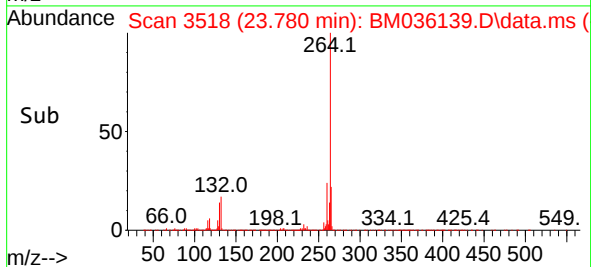
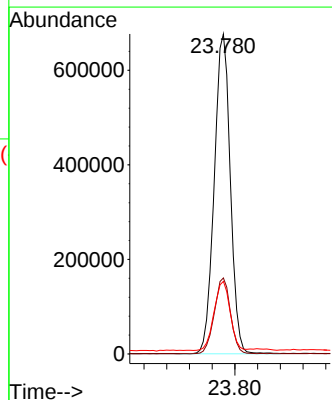
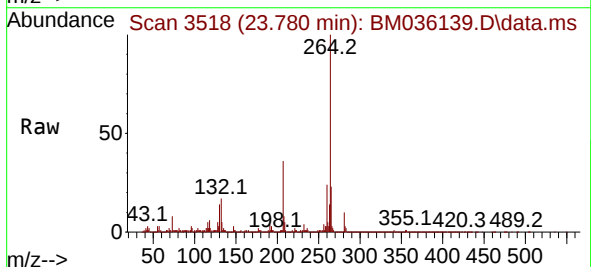
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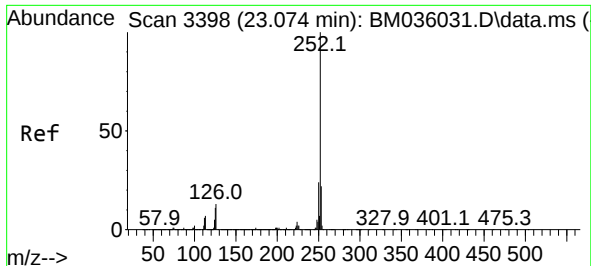
Tgt Ion:244 Resp: 3967852
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 10.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM036139.D
 Acq: 06 Aug 2022 03:20

Tgt Ion:264 Resp: 1325171
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.7 17.5 26.3

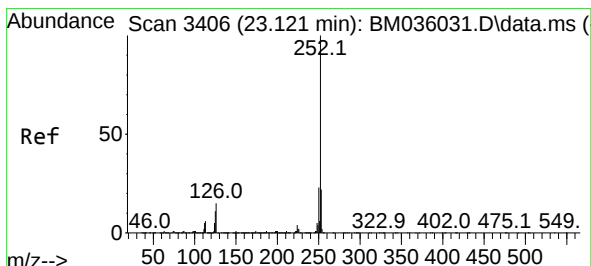
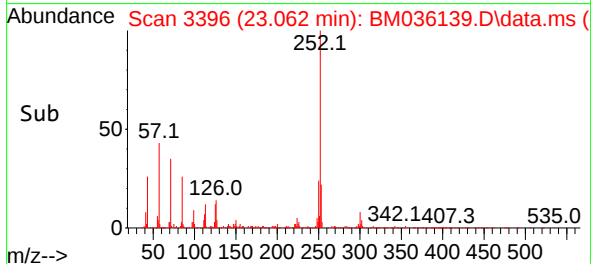
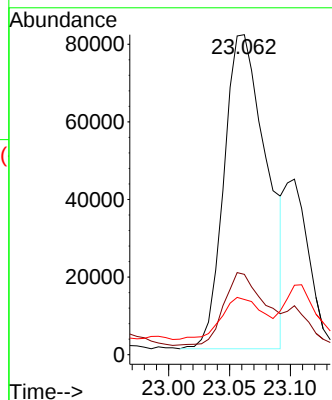
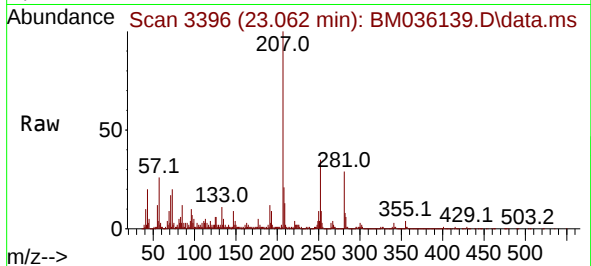




#88
Benzo(b)fluoranthene
Concen: 2.548 ng
RT: 23.062 min Scan# 3396
Delta R.T. -0.006 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

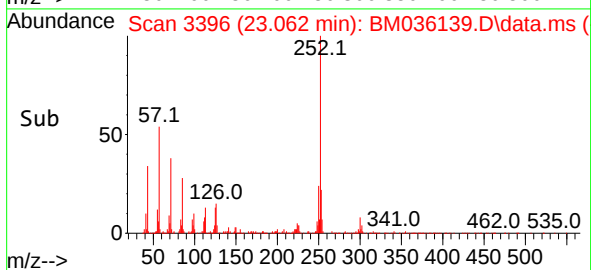
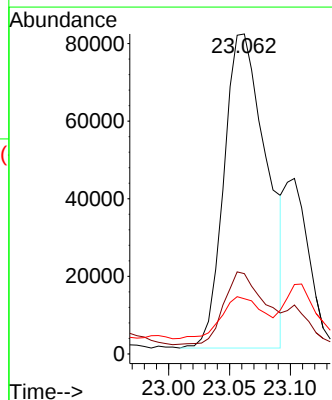
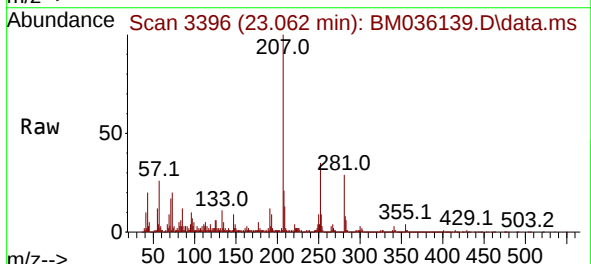
Instrument :
BNA_M
ClientSampleId :
RVE-171

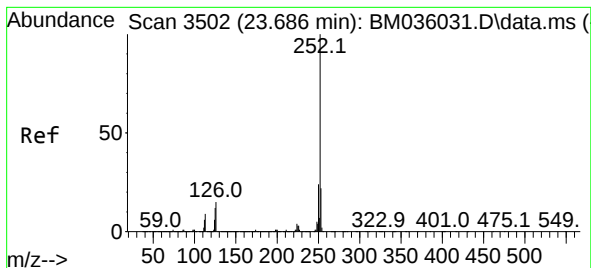
Tgt Ion:252 Resp: 197796
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 17.3 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 2.522 ng
RT: 23.062 min Scan# 3396
Delta R.T. -0.053 min
Lab File: BM036139.D
Acq: 06 Aug 2022 03:20

Tgt Ion:252 Resp: 197796
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 17.3 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 2.081 ng

RT: 23.668 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM036139.D

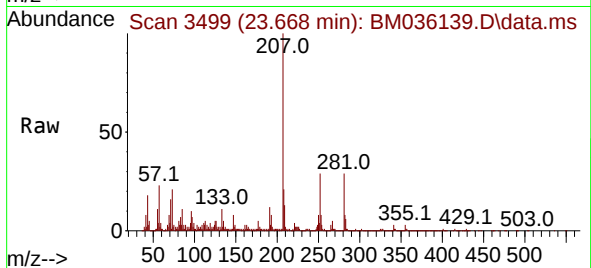
Acq: 06 Aug 2022 03:20

Instrument :

BNA_M

ClientSampleId :

RVE-171



Tgt Ion:252 Resp: 135575

Ion Ratio Lower Upper

252 100

253 27.0 17.2 25.8#

125 18.4 8.7 13.1#

