

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
 Data File : BM036090.D
 Acq On : 03 Aug 2022 22:33
 Operator : CG/JU
 Sample : N3930-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-106

Quant Time: Aug 04 01:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:50:14 2022
 Response via : Initial Calibration

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

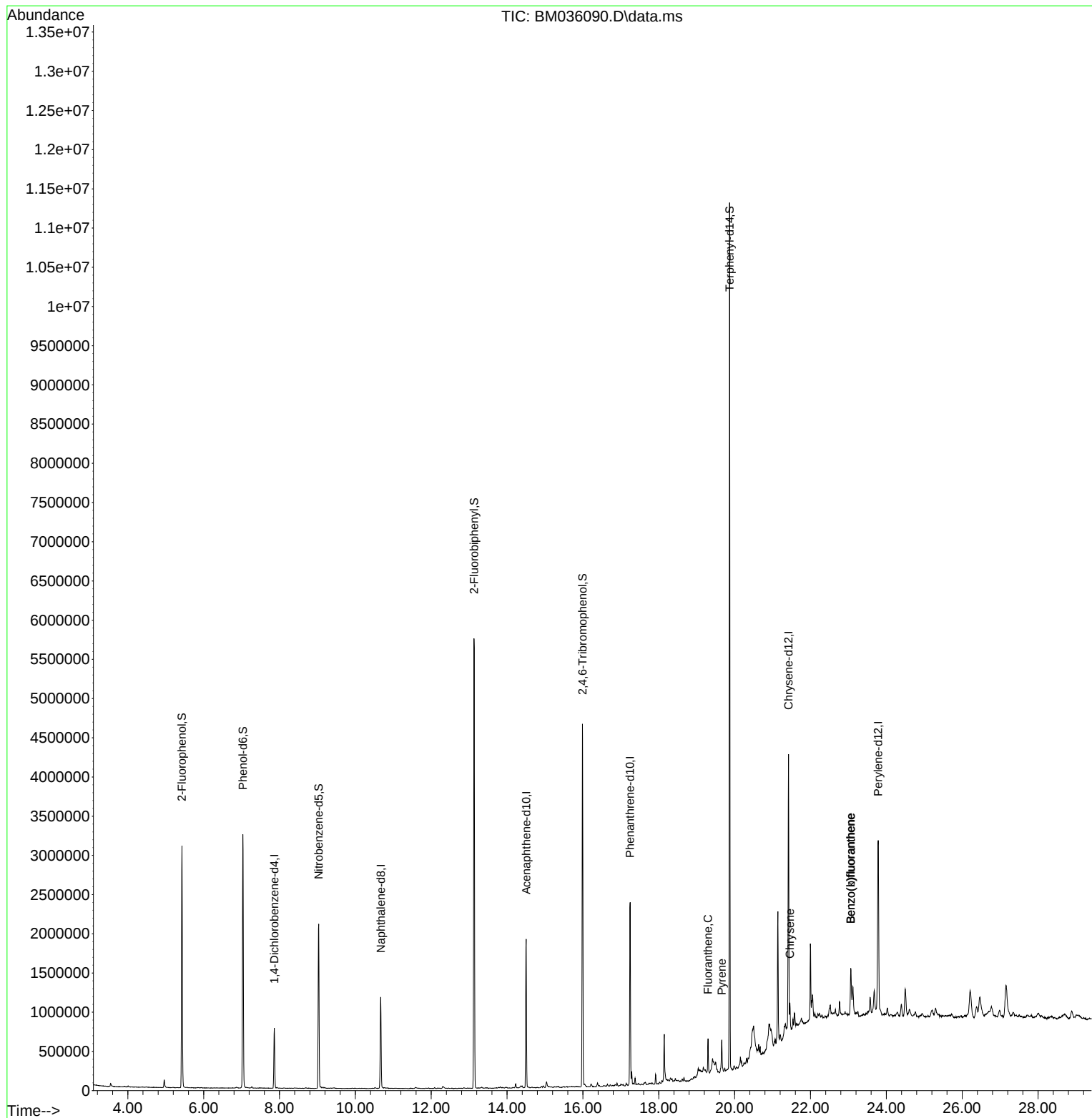
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	207544	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	983856	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	635986	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1395763	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1523848	20.000	ng	0.00
86) Perylene-d12	23.786	264	1620984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1380266	107.822	ng	0.00
7) Phenol-d6	7.034	99	1883338	115.621	ng	0.00
23) Nitrobenzene-d5	9.034	82	1208713	68.770	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	850733	114.025	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2934223	68.119	ng	-0.01
79) Terphenyl-d14	19.868	244	4895079	63.361	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.298	202	217963	2.738	ng	97
78) Pyrene	19.662	202	235618	2.493	ng	99
83) Chrysene	21.456	228	211938	2.375	ng	98
88) Benzo(b)fluoranthene	23.062	252	417589	4.397	ng	# 96
89) Benzo(k)fluoranthene	23.062	252	417589	4.353	ng	# 96

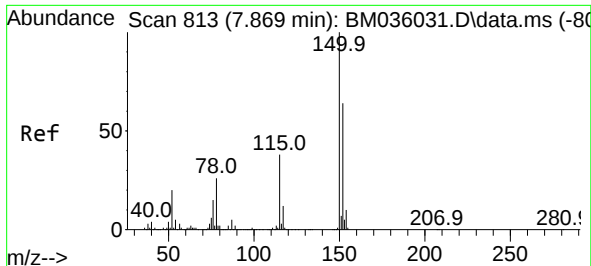
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
Data File : BM036090.D
Acq On : 03 Aug 2022 22:33
Operator : CG/JU
Sample : N3930-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-106

Quant Time: Aug 04 01:32:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

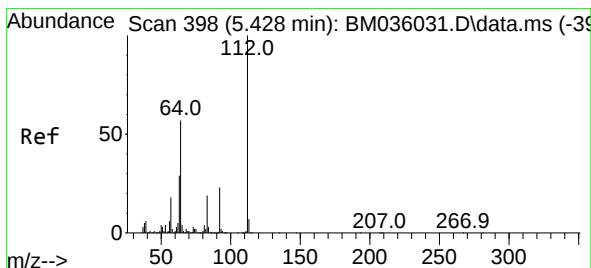
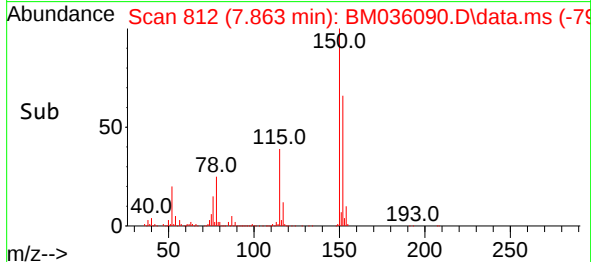
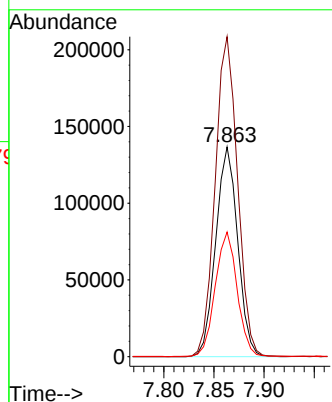
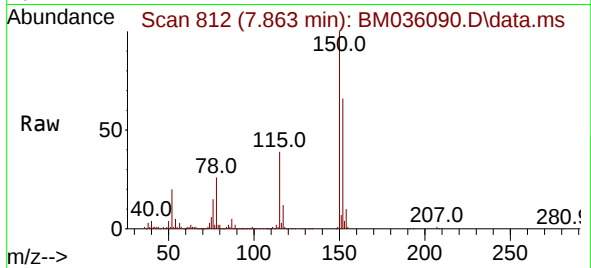




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

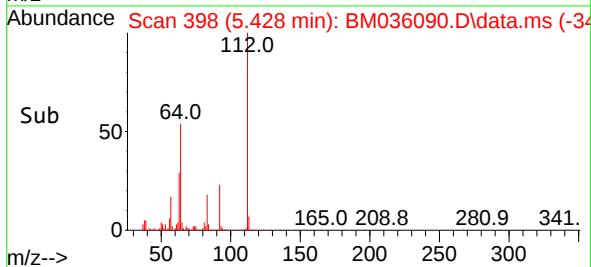
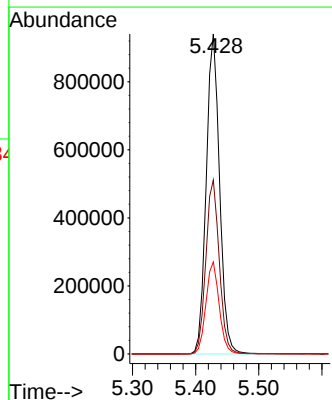
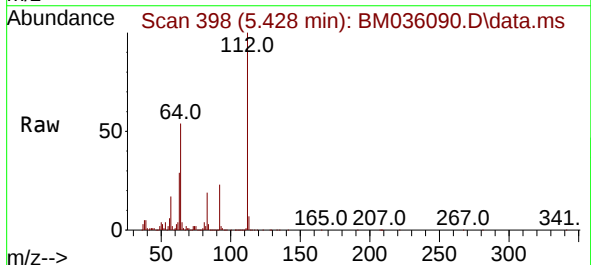
Instrument :
BNA_M
ClientSampleId :
RVE-106

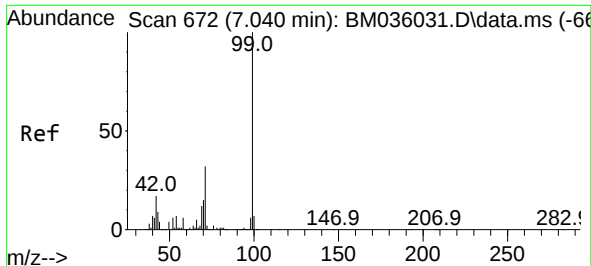
Tgt Ion:152 Resp: 207544
Ion Ratio Lower Upper
152 100
150 152.5 124.9 187.3
115 59.4 47.9 71.9



#5
2-Fluorophenol
Concen: 107.822 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

Tgt Ion:112 Resp: 1380266
Ion Ratio Lower Upper
112 100
64 54.4 47.8 71.6
63 28.8 26.6 40.0

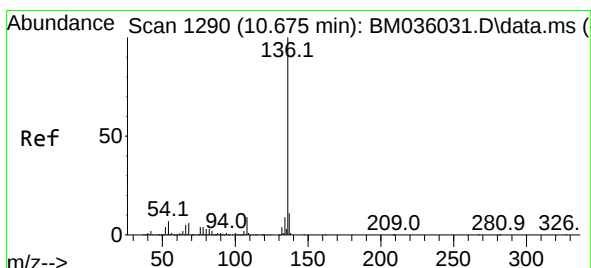
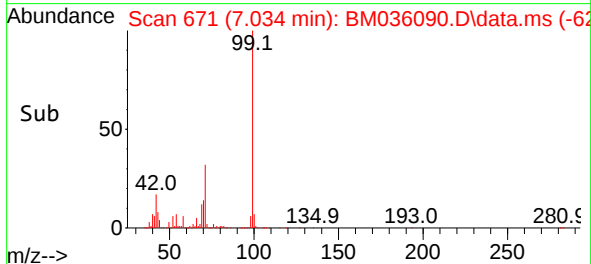
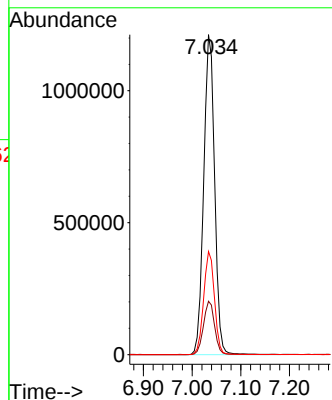
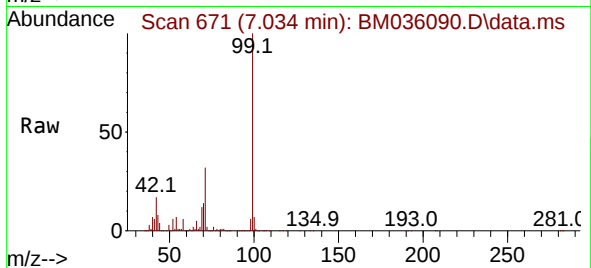




#7
Phenol-d6
Concen: 115.621 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

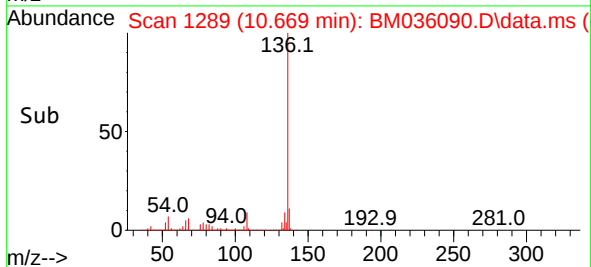
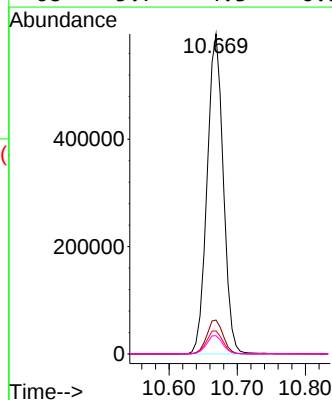
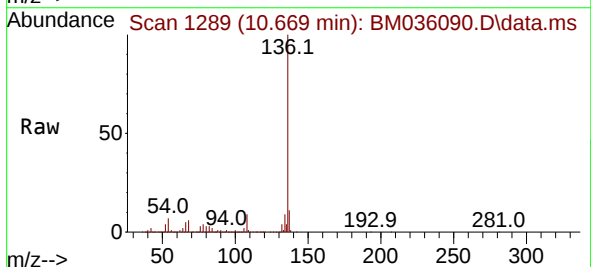
Instrument :
BNA_M
ClientSampleId :
RVE-106

Tgt Ion: 99 Resp: 1883338
Ion Ratio Lower Upper
99 100
42 16.7 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

Tgt Ion: 136 Resp: 983856
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.2 7.0 10.4
68 5.7 4.3 6.5

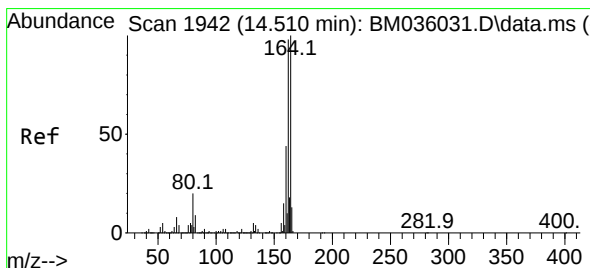
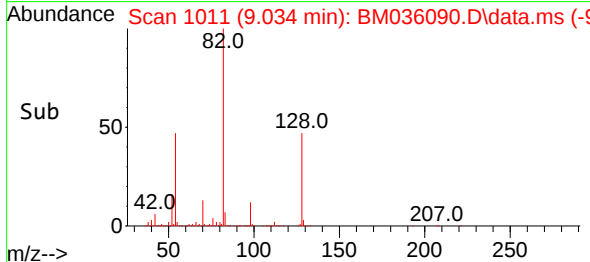
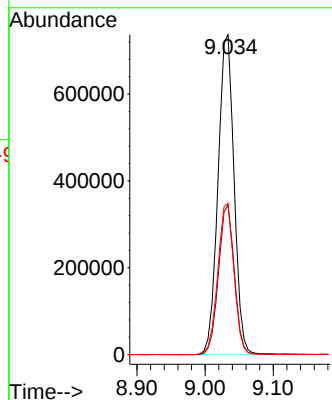
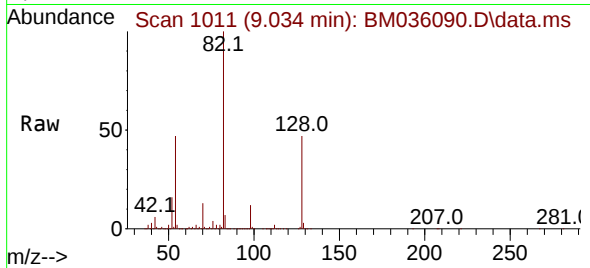




#23
Nitrobenzene-d5
Concen: 68.770 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

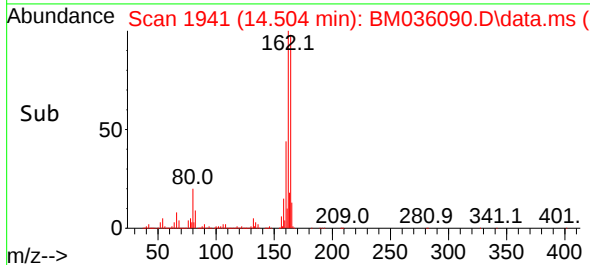
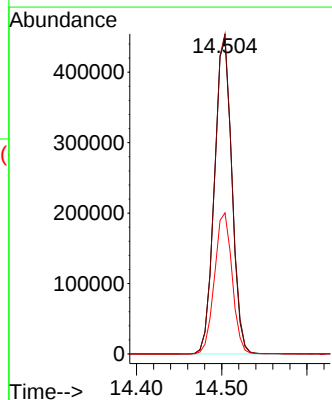
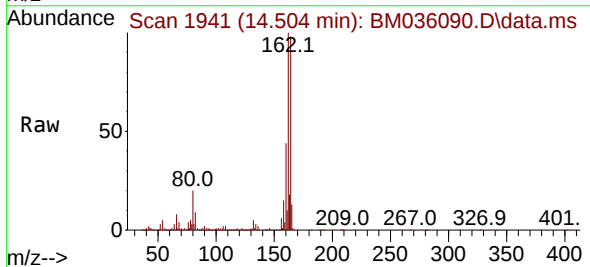
Instrument :
BNA_M
ClientSampleId :
RVE-106

Tgt Ion: 82 Resp: 1208713
Ion Ratio Lower Upper
82 100
128 46.6 33.7 50.5
54 47.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

Tgt Ion: 164 Resp: 635986
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.6
160 44.8 37.0 55.4

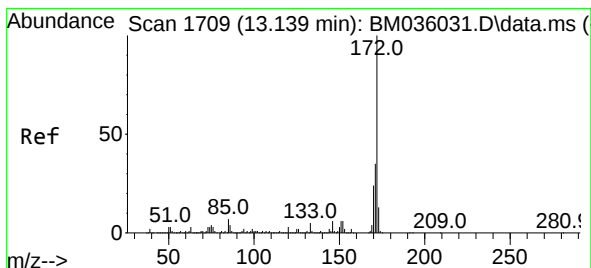
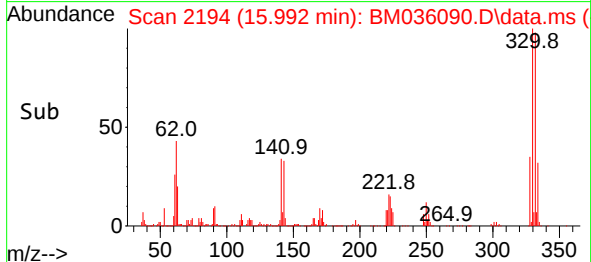
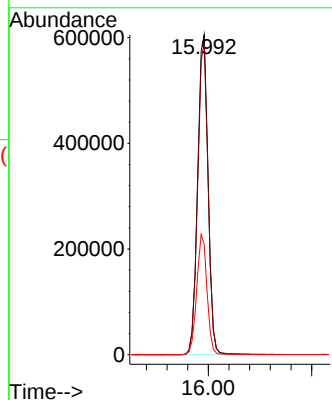
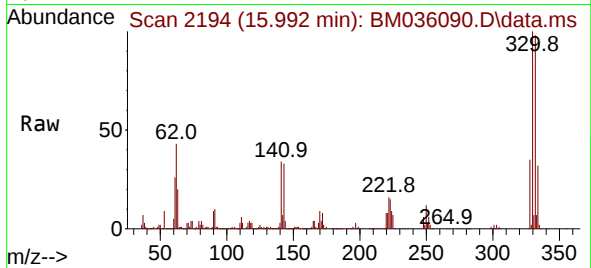




#42
2,4,6-Tribromophenol
Concen: 114.025 ng
RT: 15.992 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

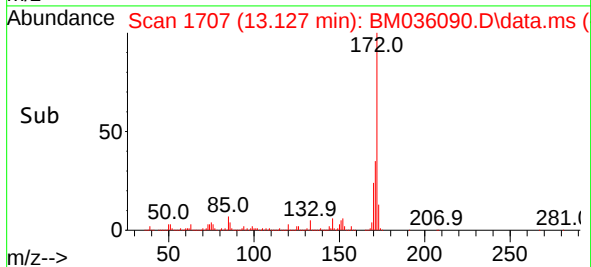
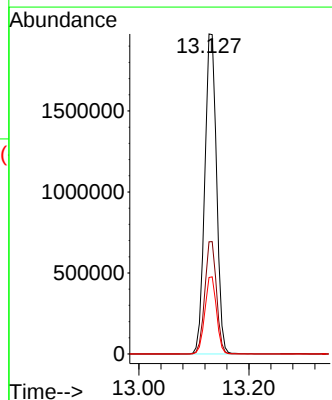
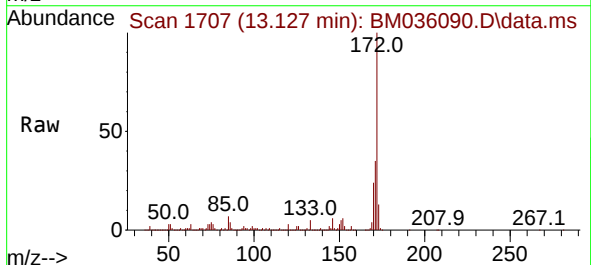
Instrument :
BNA_M
ClientSampleId :
RVE-106

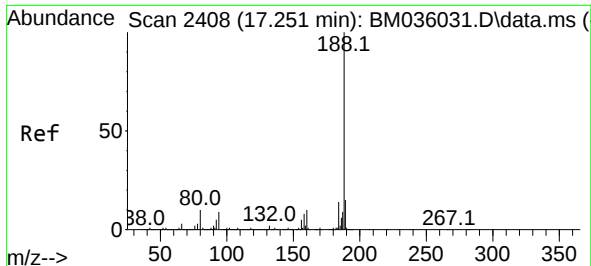
Tgt Ion:330 Resp: 850733
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 36.8 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 68.119 ng
RT: 13.127 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

Tgt Ion:172 Resp: 2934223
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.9 18.7 28.1

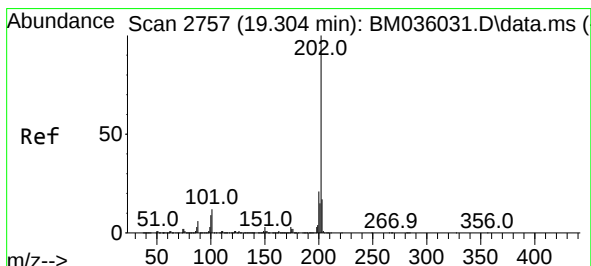
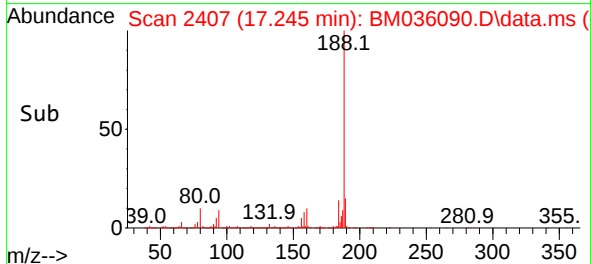
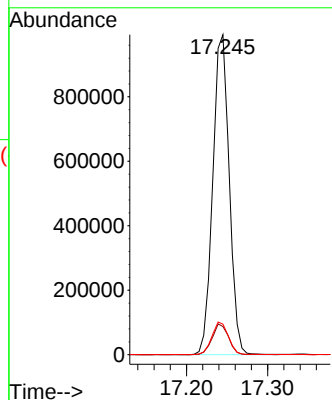
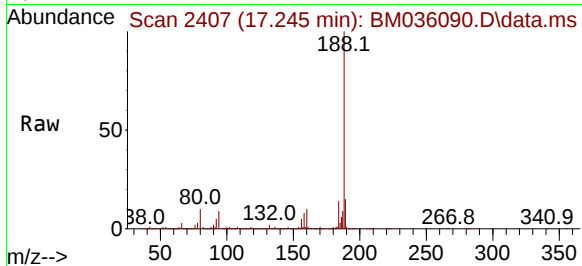




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

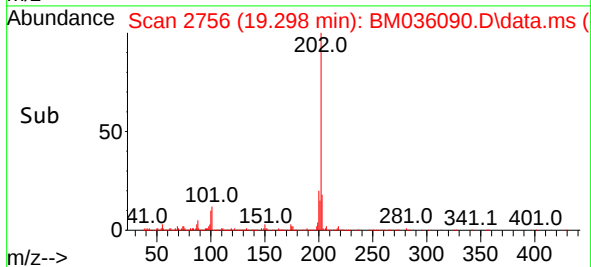
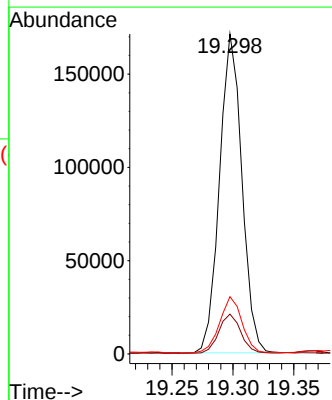
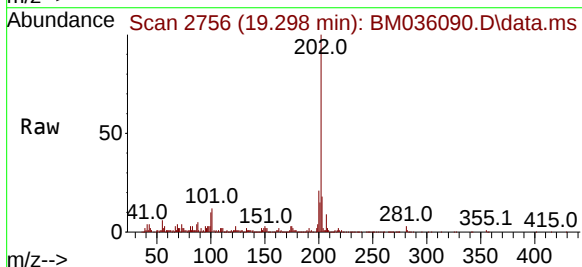
Instrument :
BNA_M
ClientSampleId :
RVE-106

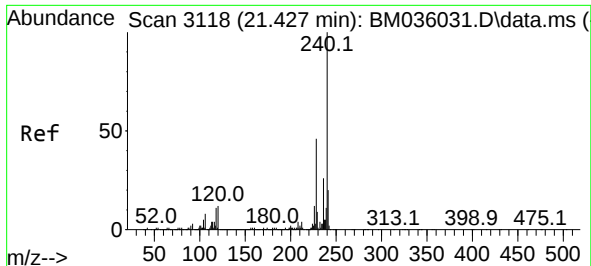
Tgt Ion:188 Resp: 1395763
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.5 7.6 11.4



#75
Fluoranthene
Concen: 2.738 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

Tgt Ion:202 Resp: 217963
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.6
203 17.9 0.0 37.4

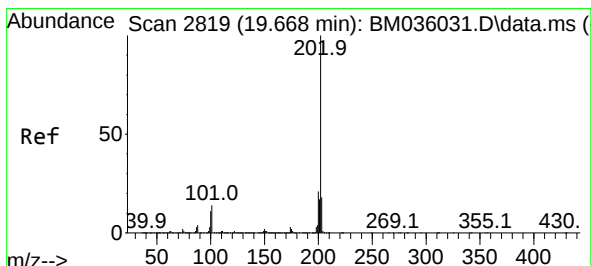
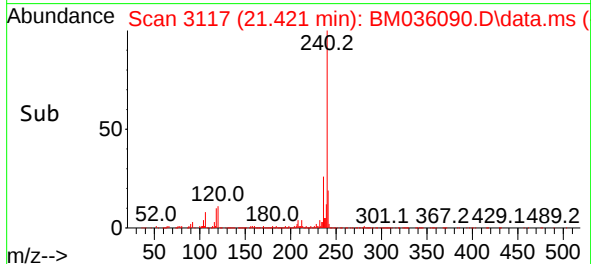
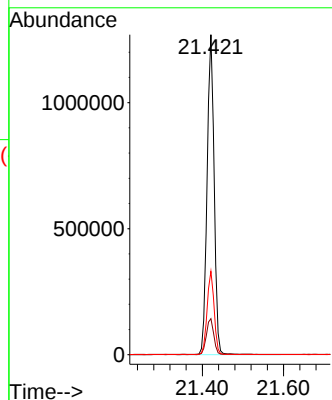
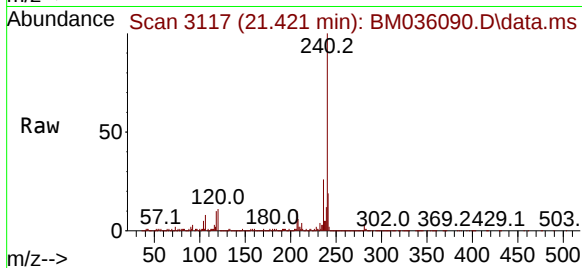




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

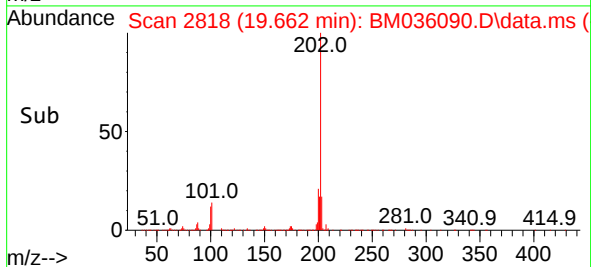
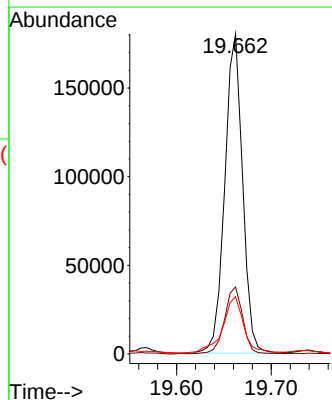
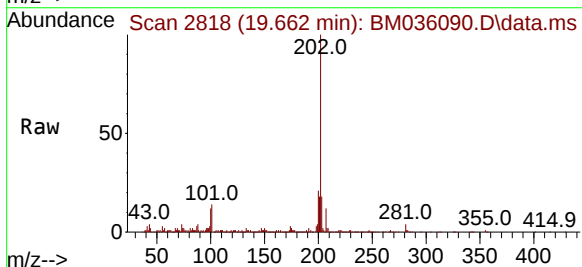
Instrument :
BNA_M
ClientSampleId :
RVE-106

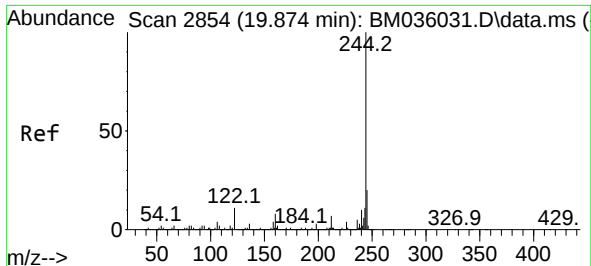
Tgt Ion:240 Resp: 1523848
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.0
236 26.0 20.6 30.8



#78
Pyrene
Concen: 2.493 ng
RT: 19.662 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM036090.D
Acq: 03 Aug 2022 22:33

Tgt Ion:202 Resp: 235618
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.9 13.9 20.9

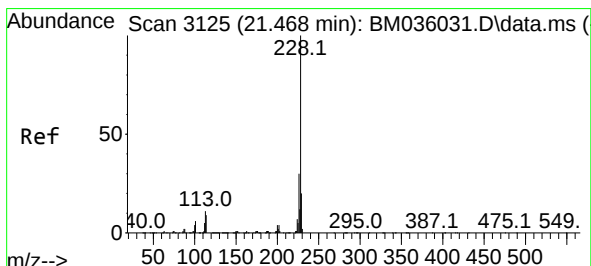
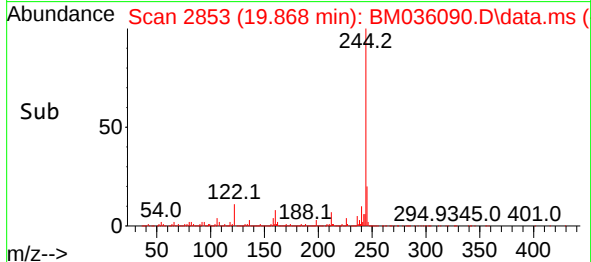
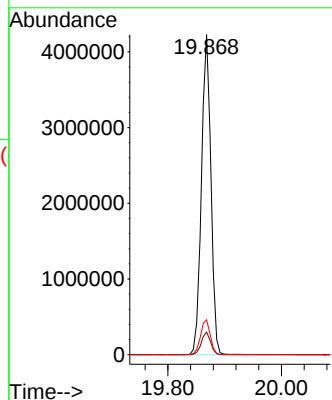
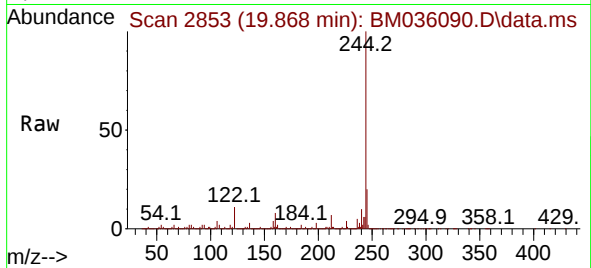




#79
 Terphenyl-d14
 Concen: 63.361 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036090.D
 Acq: 03 Aug 2022 22:33

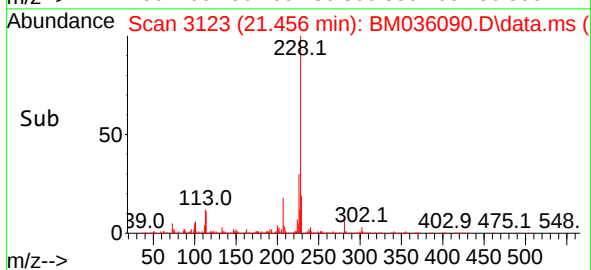
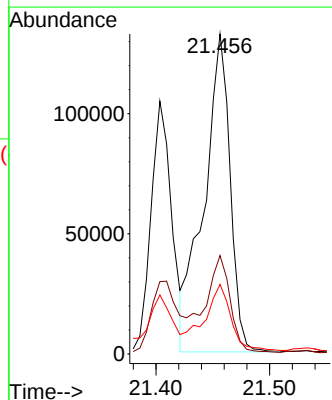
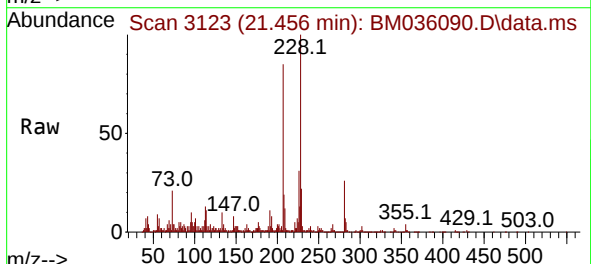
Instrument :
 BNA_M
 ClientSampleId :
 RVE-106

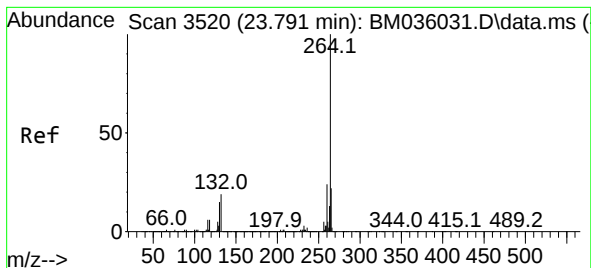
Tgt Ion:244 Resp: 4895079
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 10.9 8.3 12.5



#83
 Chrysene
 Concen: 2.375 ng
 RT: 21.456 min Scan# 3123
 Delta R.T. -0.012 min
 Lab File: BM036090.D
 Acq: 03 Aug 2022 22:33

Tgt Ion:228 Resp: 211938
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 21.8 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM036090.D

Acq: 03 Aug 2022 22:33

Instrument :

BNA_M

ClientSampleId :

RVE-106

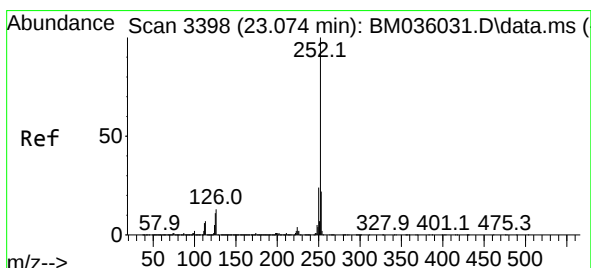
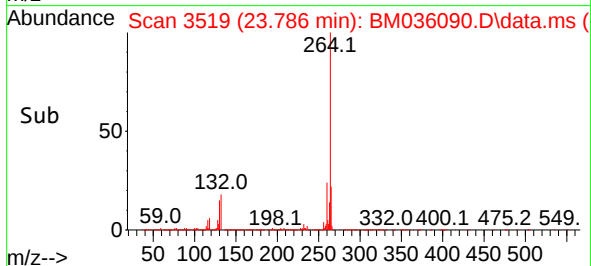
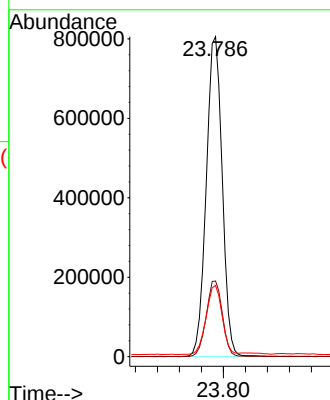
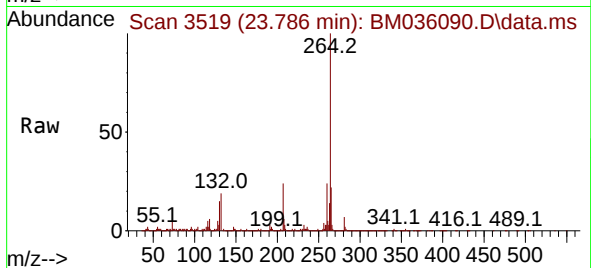
Tgt Ion:264 Resp: 1620984

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.2 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 4.397 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.012 min

Lab File: BM036090.D

Acq: 03 Aug 2022 22:33

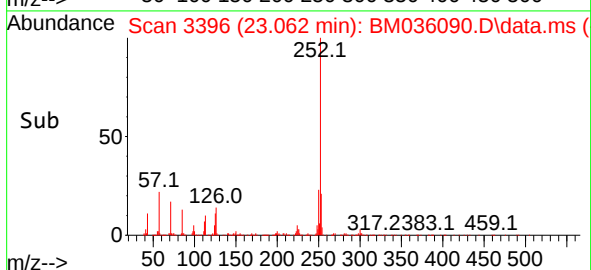
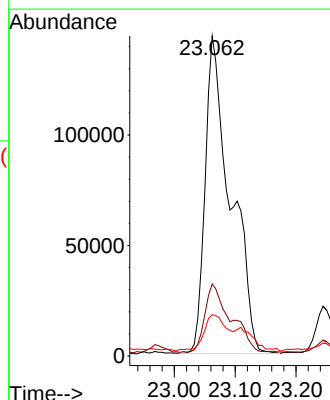
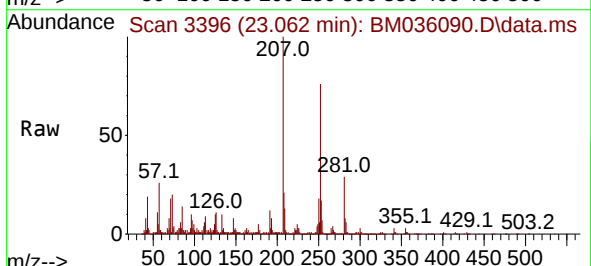
Tgt Ion:252 Resp: 417589

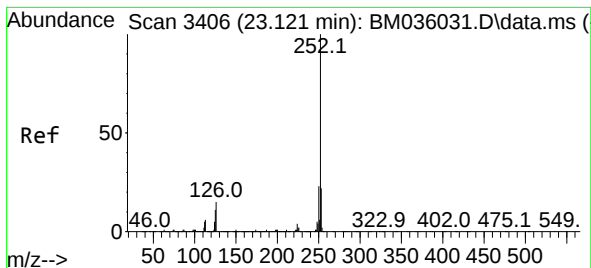
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.9 7.6 11.4#





#89

Benzo(k)fluoranthene

Concen: 4.353 ng

RT: 23.062 min Scan# 31

Delta R.T. -0.059 min

Lab File: BM036090.D

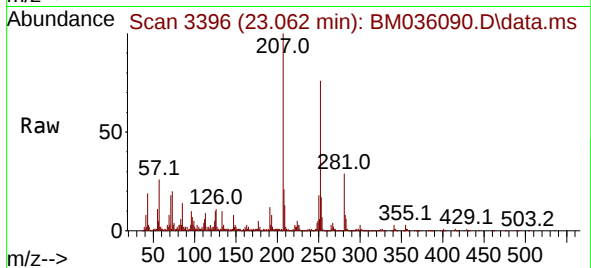
Acq: 03 Aug 2022 22:33

Instrument :

BNA_M

ClientSampleId :

RVE-106



Tgt Ion:252 Resp: 417589

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 12.9 7.6 11.4#

