

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
 Data File : BM036106.D
 Acq On : 04 Aug 2022 19:44
 Operator : CG/JU
 Sample : N3931-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-124

Quant Time: Aug 05 03:40:33 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)

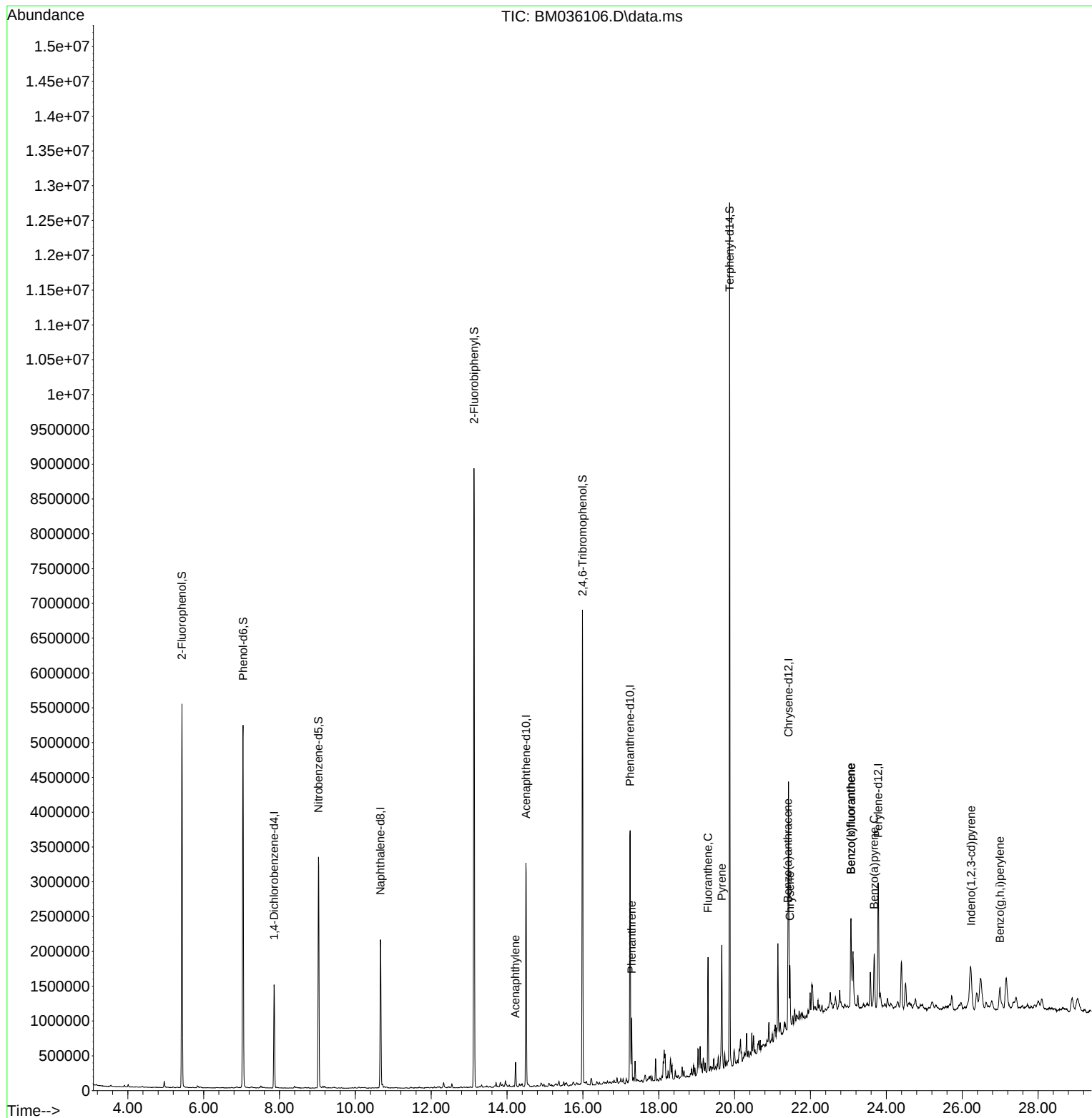
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	401801	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1766783	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1080338	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	2134846	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1397391	20.000	ng	0.00
86) Perylene-d12	23.786	264	1286897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2336769	94.288	ng	0.00
7) Phenol-d6	7.040	99	3040629	96.421	ng	0.00
23) Nitrobenzene-d5	9.028	82	1902161	60.266	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1225260	96.677	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	4410078	60.272	ng	0.00
79) Terphenyl-d14	19.868	244	5713804	80.651	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.221	152	263411	2.828	ng	99
71) Phenanthrene	17.286	178	489327	4.499	ng	99
75) Fluoranthene	19.298	202	869150	7.139	ng	98
78) Pyrene	19.662	202	1049004	12.106	ng	100
81) Benzo(a)anthracene	21.403	228	458148	5.323	ng	96
83) Chrysene	21.456	228	494517	6.044	ng	98
87) Indeno(1,2,3-cd)pyrene	26.232	276	341162	3.772	ng	98
88) Benzo(b)fluoranthene	23.068	252	813627	10.791	ng	# 96
89) Benzo(k)fluoranthene	23.068	252	813627	10.684	ng	# 96
90) Benzo(a)pyrene	23.680	252	472045	7.462	ng	# 96
92) Benzo(g,h,i)perylene	26.997	276	401002	5.472	ng	97

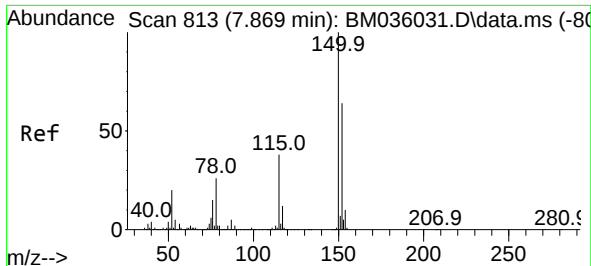
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
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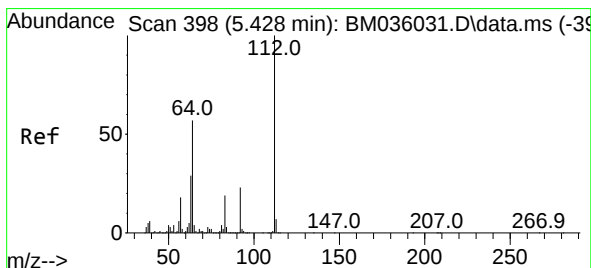
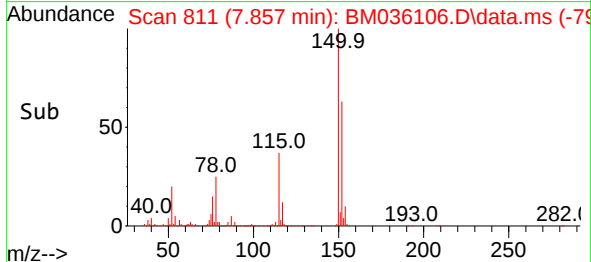
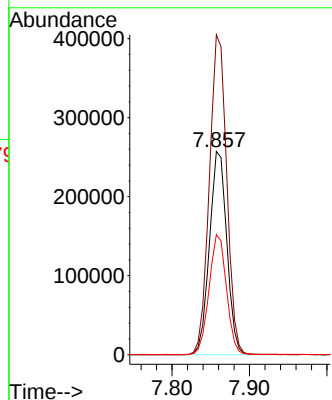
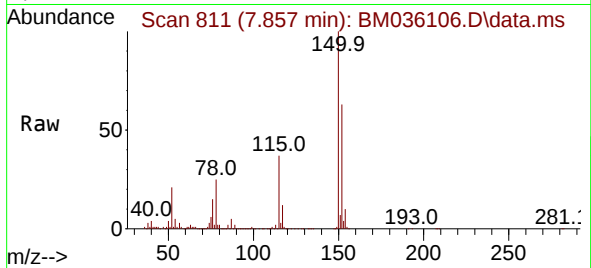




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

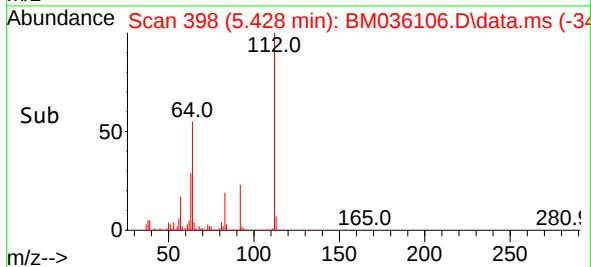
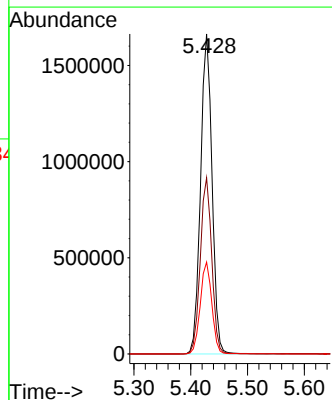
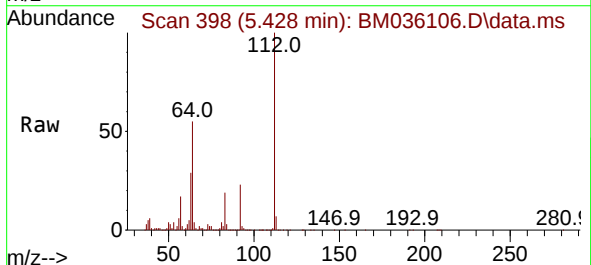
Instrument :
BNA_M
ClientSampleId :
RVE-124

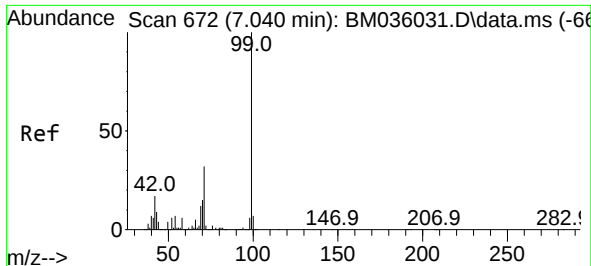
Tgt Ion:152 Resp: 401801
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 59.0 47.9 71.9



#5
2-Fluorophenol
Concen: 94.288 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

Tgt Ion:112 Resp: 2336769
Ion Ratio Lower Upper
112 100
64 55.0 47.8 71.6
63 28.7 26.6 40.0

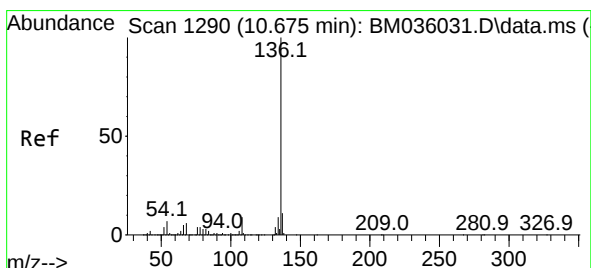
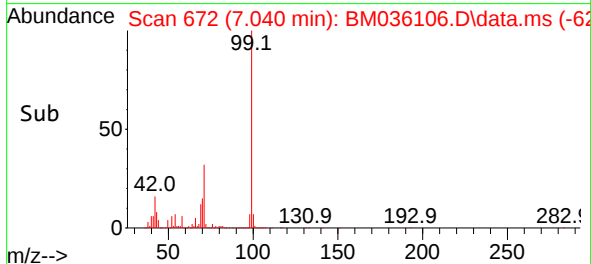
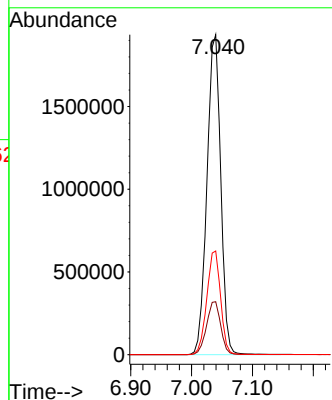
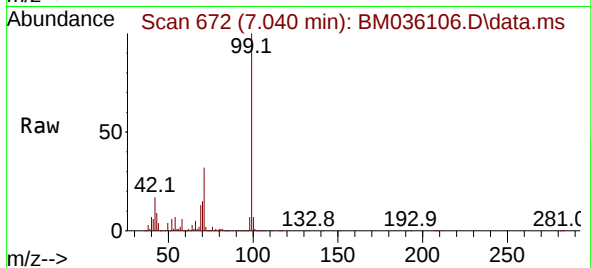




#7
Phenol-d6
Concen: 96.421 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

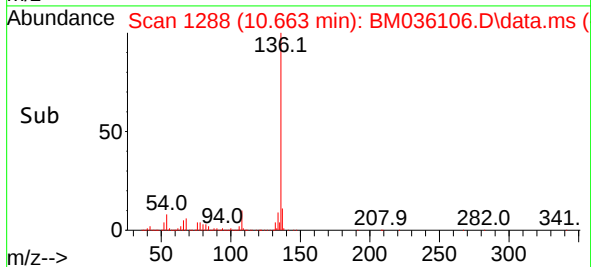
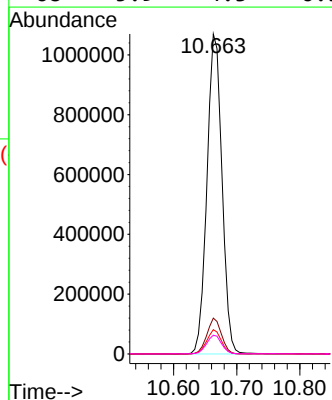
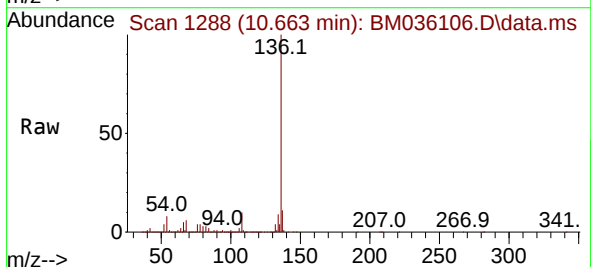
Instrument :
BNA_M
ClientSampleId :
RVE-124

Tgt Ion: 99 Resp: 3040629
Ion Ratio Lower Upper
99 100
42 16.6 18.8 28.2#
71 32.4 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: BM036106.D
Acq: 04 Aug 2022 19:44

Tgt Ion:136 Resp: 1766783
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5

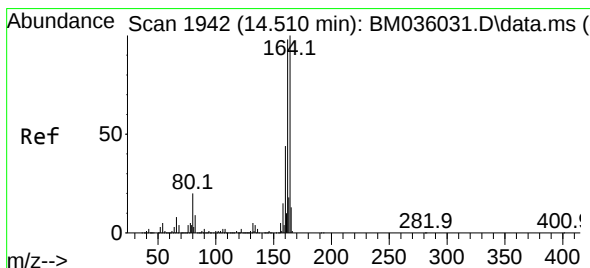
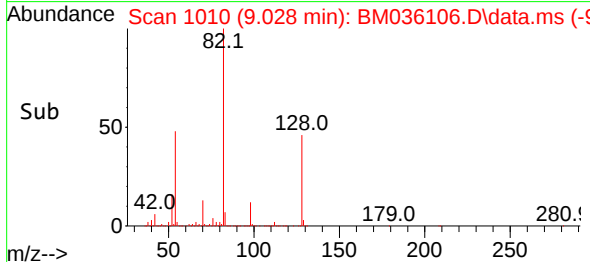
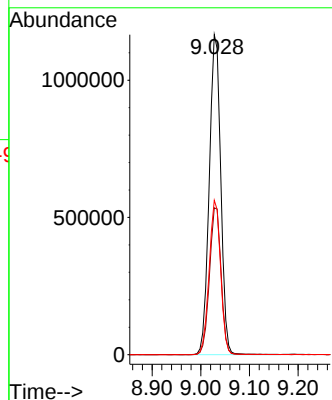
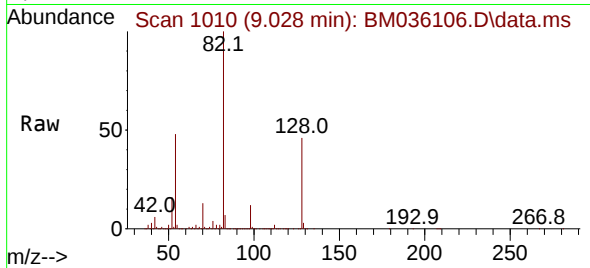




#23
Nitrobenzene-d5
Concen: 60.266 ng
RT: 9.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

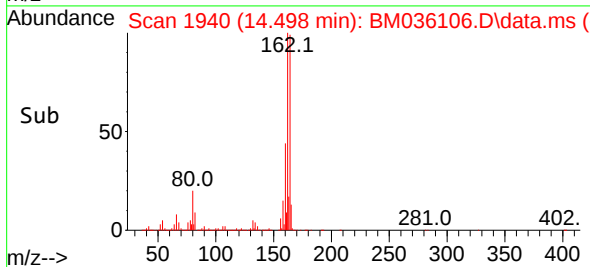
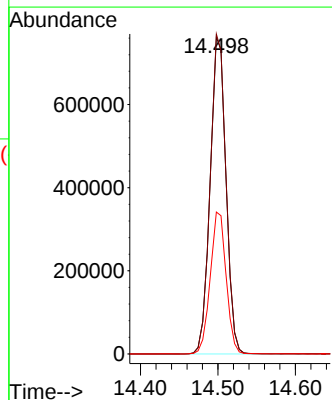
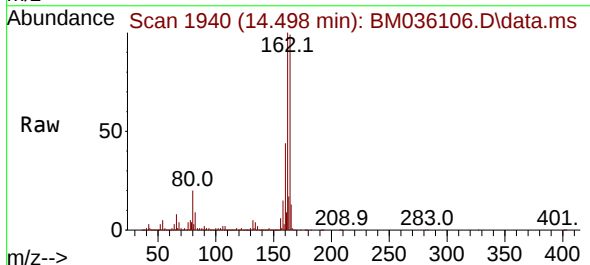
Instrument :
BNA_M
ClientSampleId :
RVE-124

Tgt Ion: 82 Resp: 1902161
Ion Ratio Lower Upper
82 100
128 45.9 33.7 50.5
54 48.2 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: BM036106.D
Acq: 04 Aug 2022 19:44

Tgt Ion:164 Resp: 1080338
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 44.8 37.0 55.4

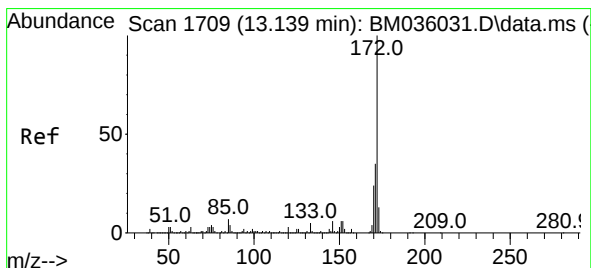
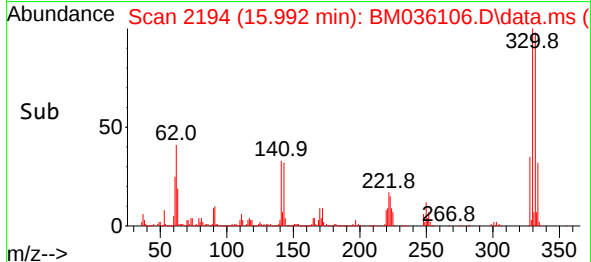
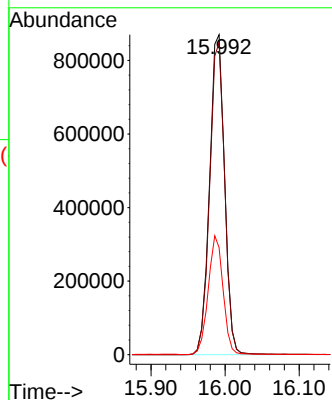
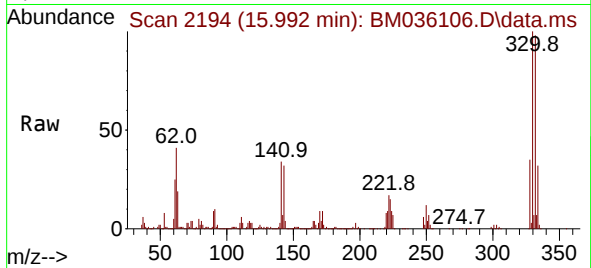




#42
2,4,6-Tribromophenol
Concen: 96.677 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

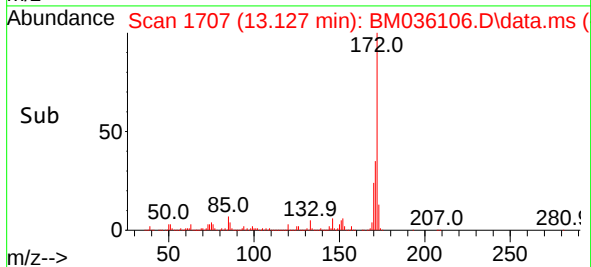
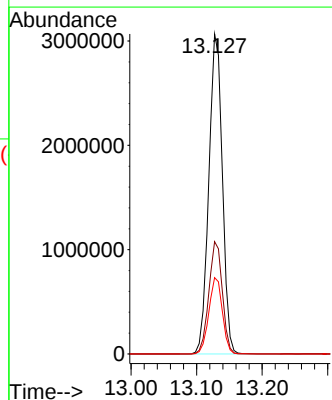
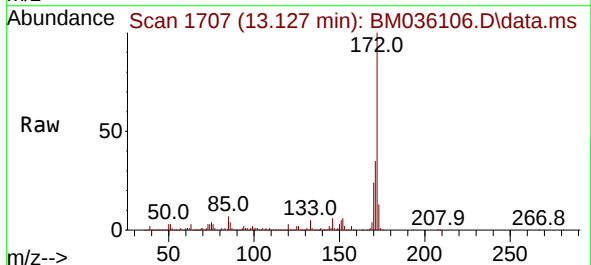
Instrument :
BNA_M
ClientSampleId :
RVE-124

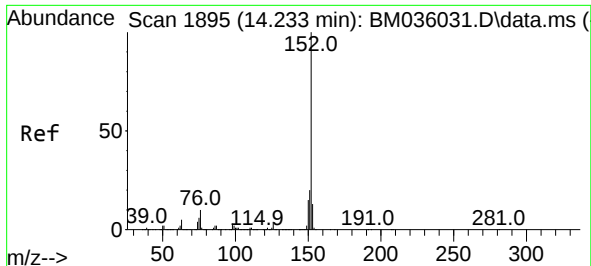
Tgt Ion:330 Resp: 1225260
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 36.8 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 60.272 ng
RT: 13.127 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

Tgt Ion:172 Resp: 4410078
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.9 18.7 28.1

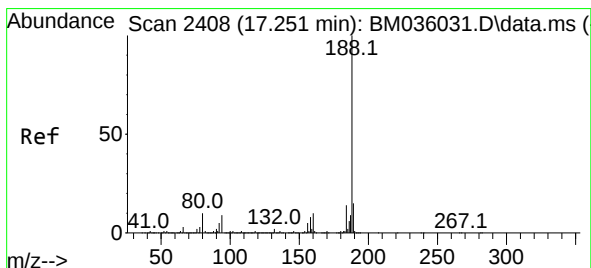
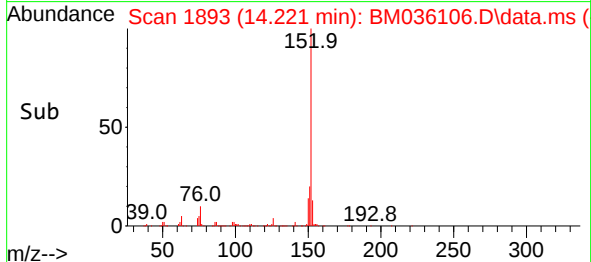
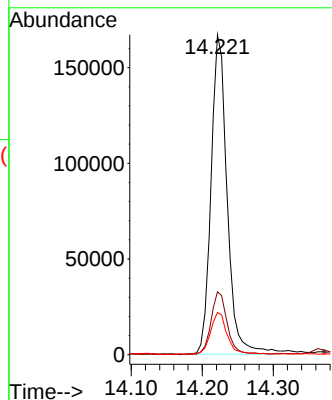
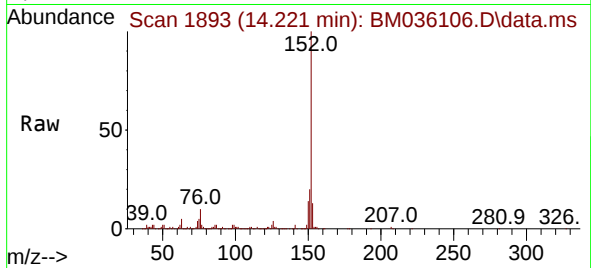




#49
Acenaphthylene
Concen: 2.828 ng
RT: 14.221 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

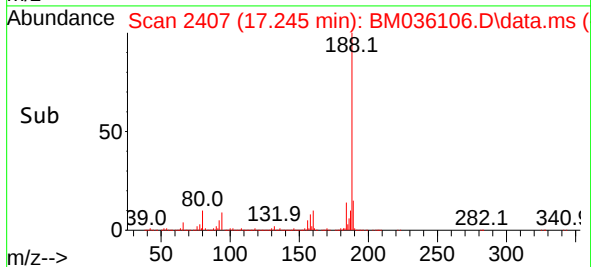
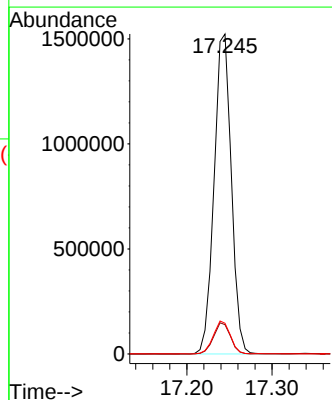
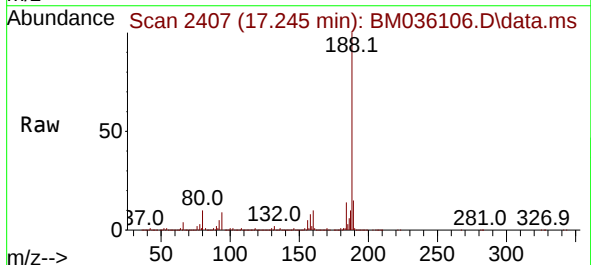
Instrument :
BNA_M
ClientSampleId :
RVE-124

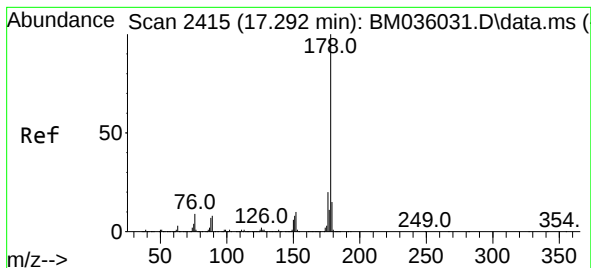
Tgt Ion:152 Resp: 263411
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

Tgt Ion:188 Resp: 2134846
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.6 7.6 11.4





#71

Phenanthrene

Concen: 4.499 ng

RT: 17.286 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BM036106.D

Acq: 04 Aug 2022 19:44

Instrument :

BNA_M

ClientSampleId :

RVE-124

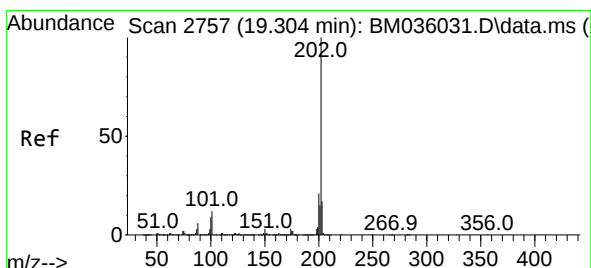
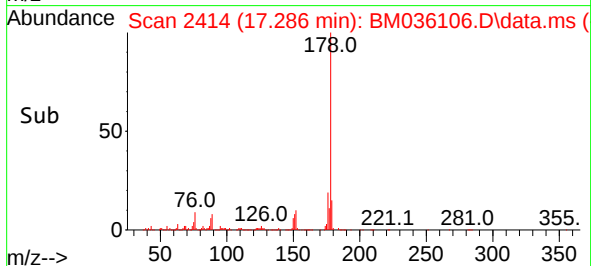
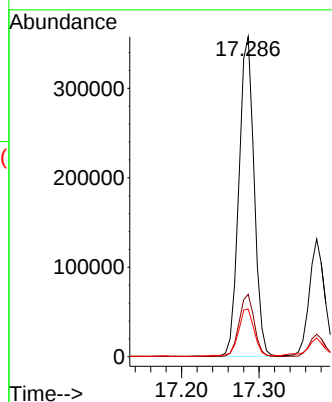
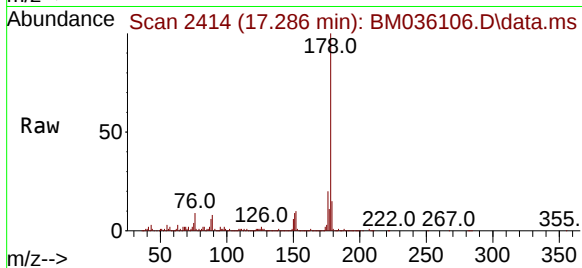
Tgt Ion:178 Resp: 489327

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 14.9 12.4 18.6



#75

Fluoranthene

Concen: 7.139 ng

RT: 19.298 min Scan# 2756

Delta R.T. 0.000 min

Lab File: BM036106.D

Acq: 04 Aug 2022 19:44

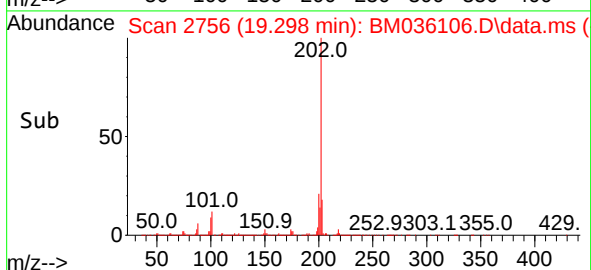
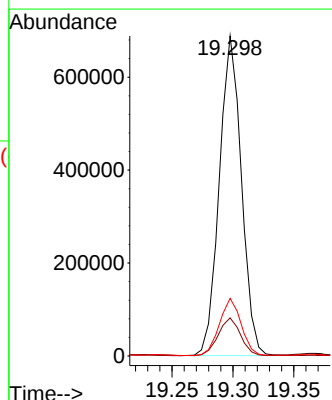
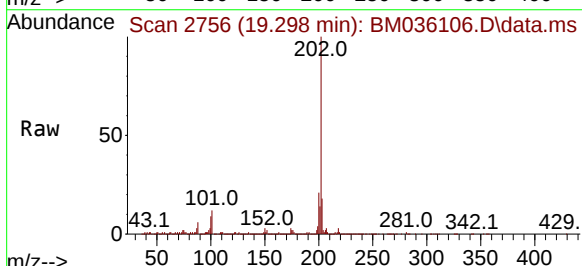
Tgt Ion:202 Resp: 869150

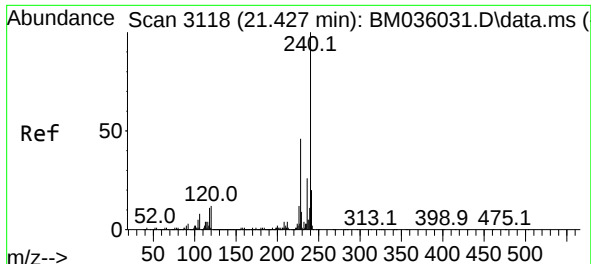
Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.6

203 18.0 0.0 37.4

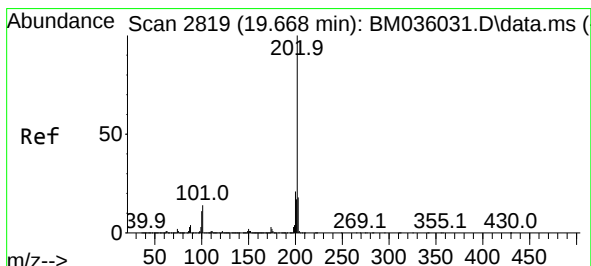
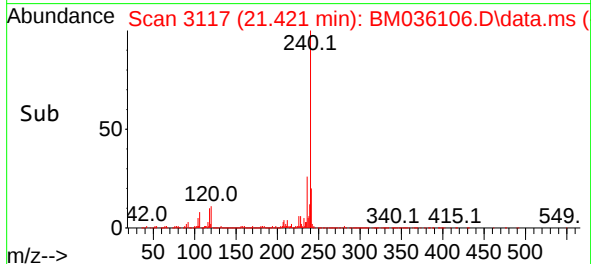
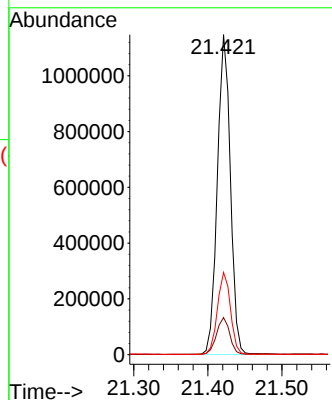
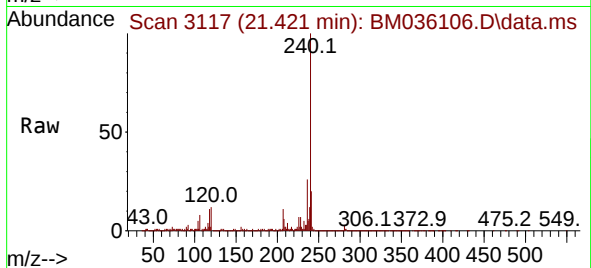




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

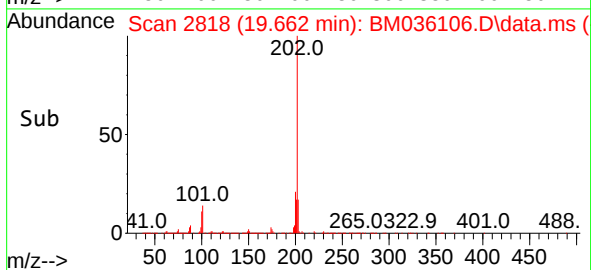
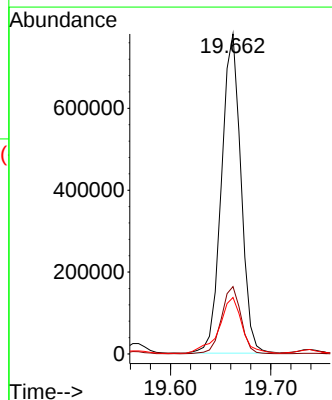
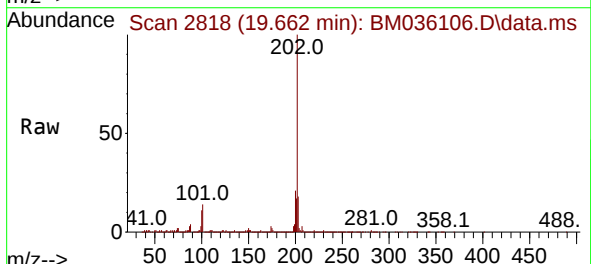
Instrument :
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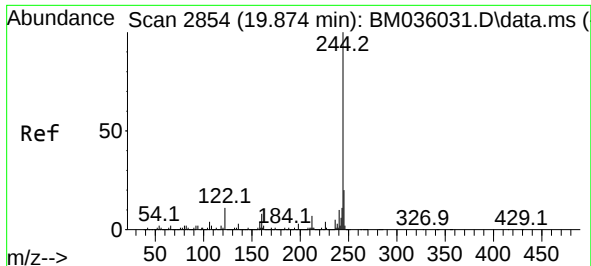
Tgt Ion:240 Resp: 1397391
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.0
236 25.7 20.6 30.8



#78
Pyrene
Concen: 12.106 ng
RT: 19.662 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

Tgt Ion:202 Resp: 1049004
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.6 13.9 20.9

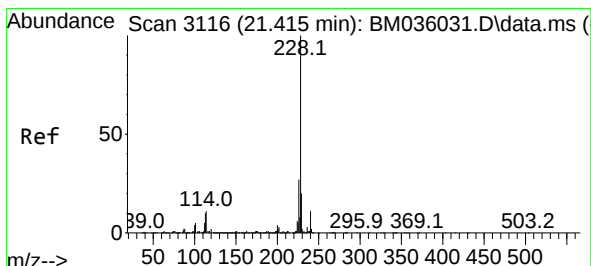
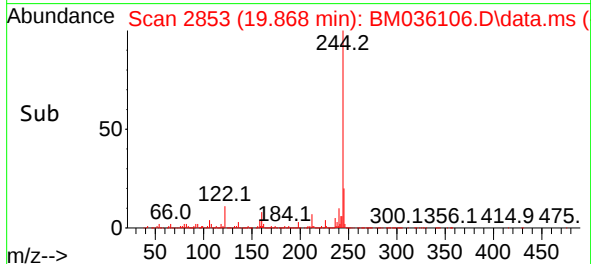
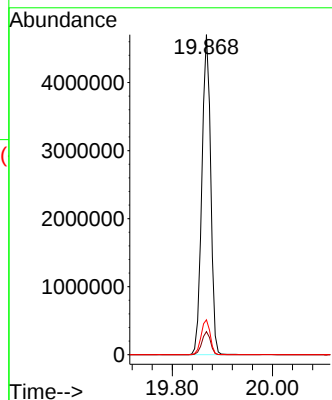
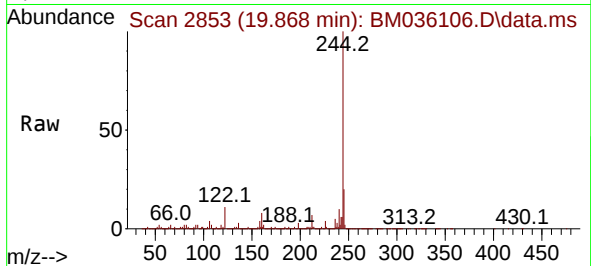




#79
 Terphenyl-d14
 Concen: 80.651 ng
 RT: 19.868 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036106.D
 Acq: 04 Aug 2022 19:44

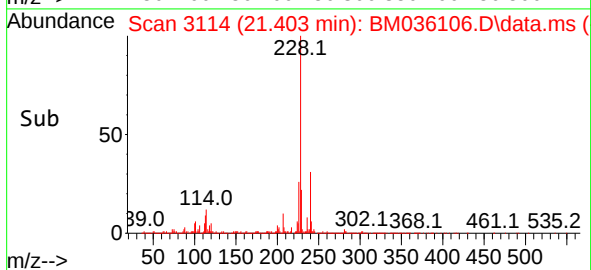
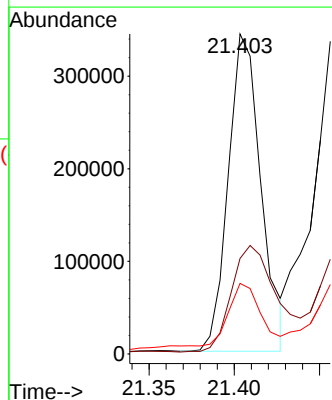
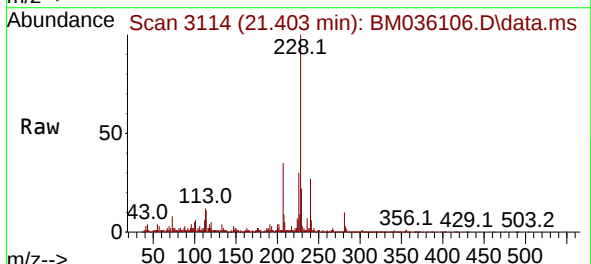
Instrument :
 BNA_M
 ClientSampleId :
 RVE-124

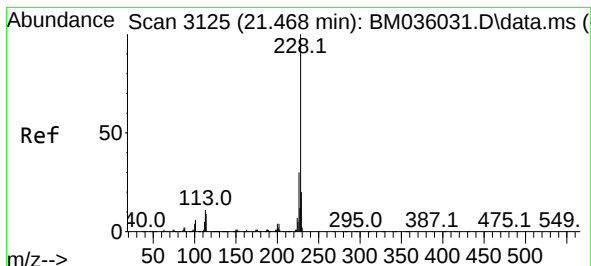
Tgt Ion:244 Resp: 5713804
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 10.9 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 5.323 ng
 RT: 21.403 min Scan# 3114
 Delta R.T. -0.006 min
 Lab File: BM036106.D
 Acq: 04 Aug 2022 19:44

Tgt Ion:228 Resp: 458148
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.3 33.5
 229 22.0 15.8 23.6





#83

Chrysene

Concen: 6.044 ng

RT: 21.456 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036106.D

Acq: 04 Aug 2022 19:44

Instrument :

BNA_M

ClientSampleId :

RVE-124

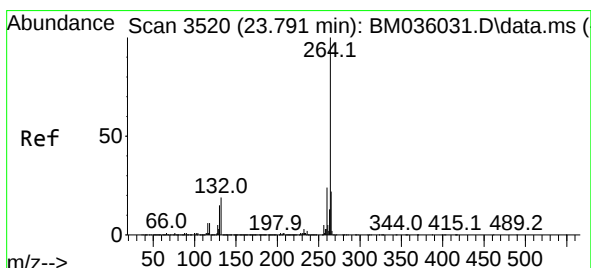
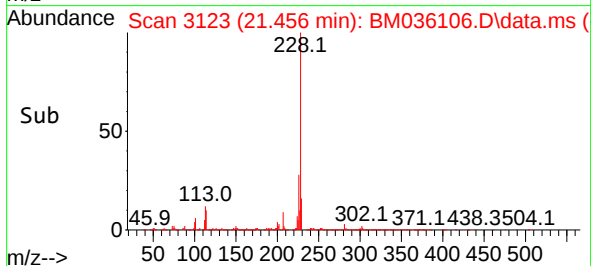
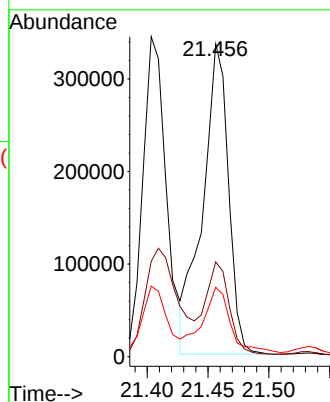
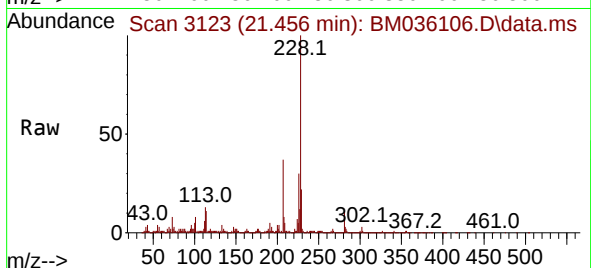
Tgt Ion:228 Resp: 494517

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 22.2 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3519

Delta R.T. 0.000 min

Lab File: BM036106.D

Acq: 04 Aug 2022 19:44

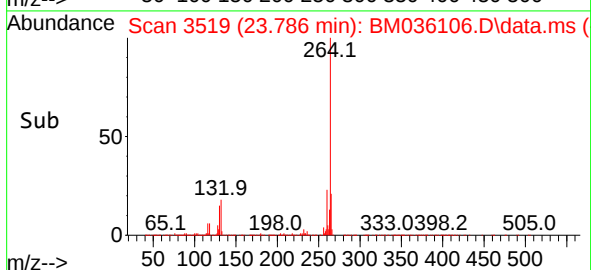
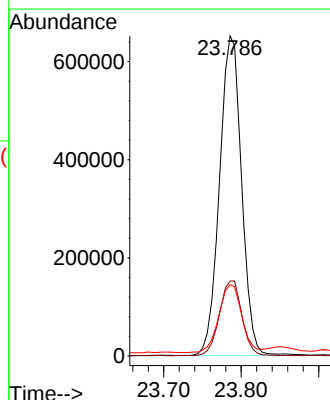
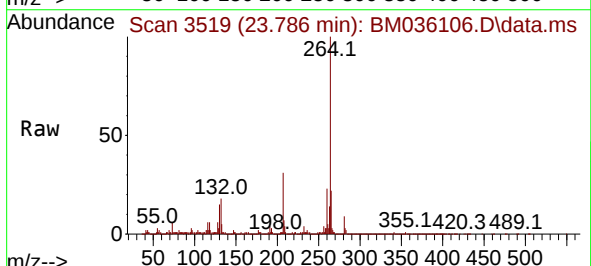
Tgt Ion:264 Resp: 1286897

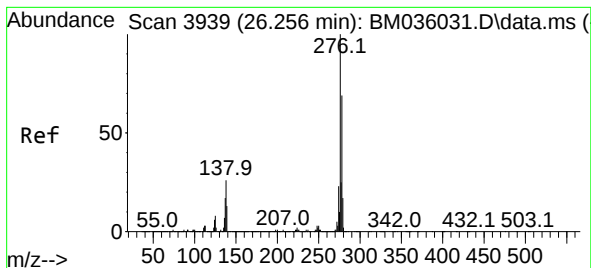
Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.772 ng

RT: 26.232 min Scan# 3935

Delta R.T. -0.012 min

Lab File: BM036106.D

Acq: 04 Aug 2022 19:44

Instrument :

BNA_M

ClientSampleId :

RVE-124

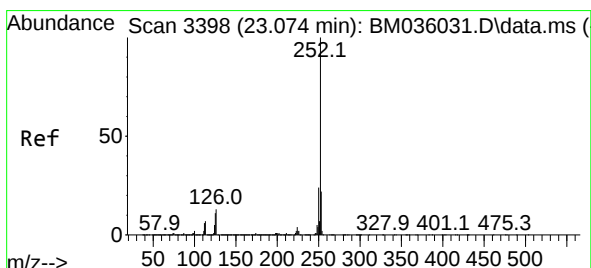
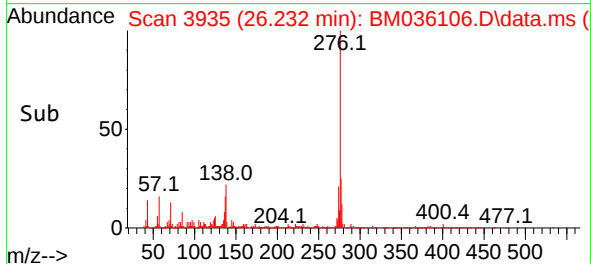
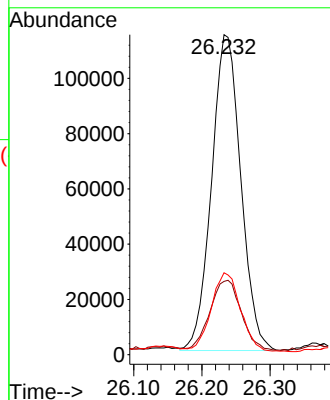
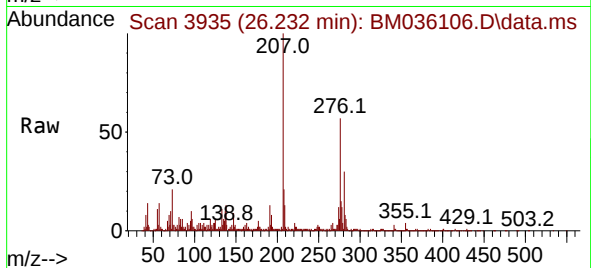
Tgt Ion:276 Resp: 341162

Ion Ratio Lower Upper

276 100

138 23.5 20.2 30.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 10.791 ng

RT: 23.068 min Scan# 3397

Delta R.T. 0.000 min

Lab File: BM036106.D

Acq: 04 Aug 2022 19:44

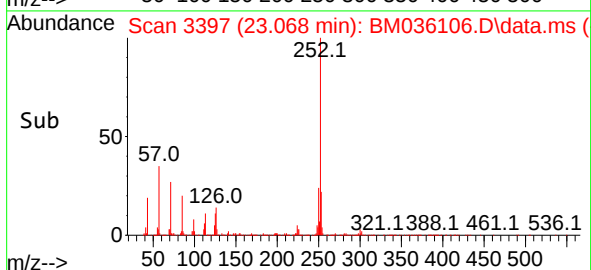
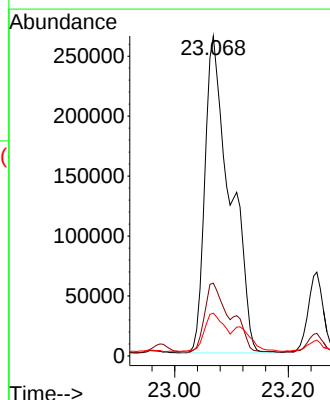
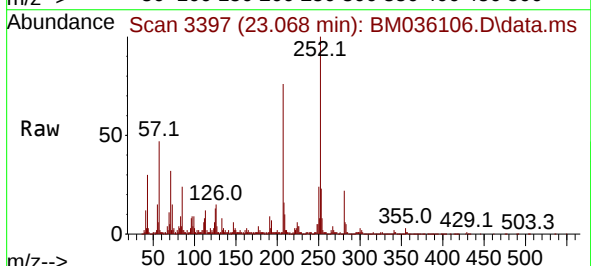
Tgt Ion:252 Resp: 813627

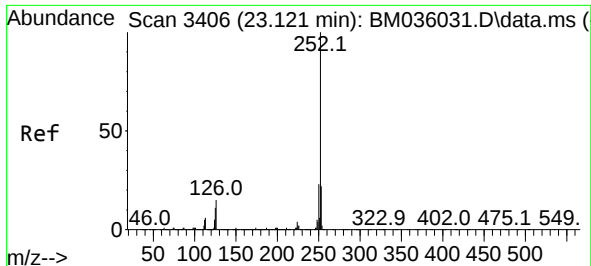
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 13.4 7.6 11.4#

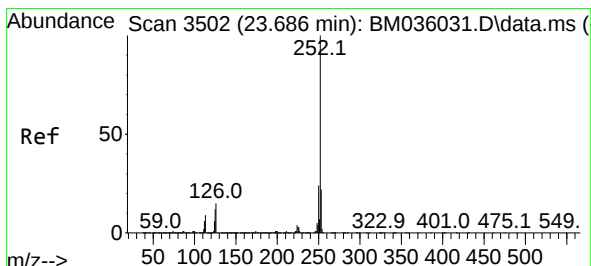
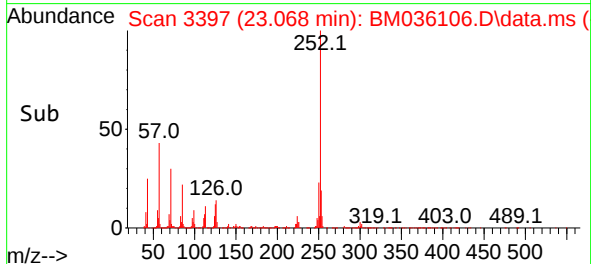
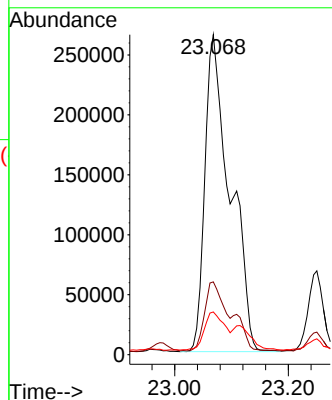
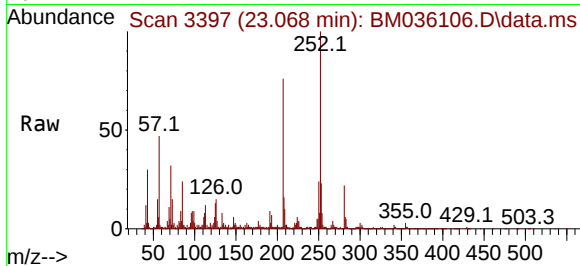




#89
Benzo(k)fluoranthene
Concen: 10.684 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.047 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

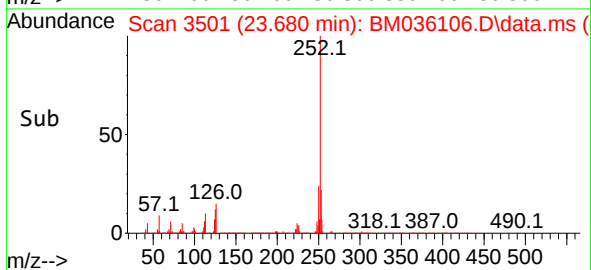
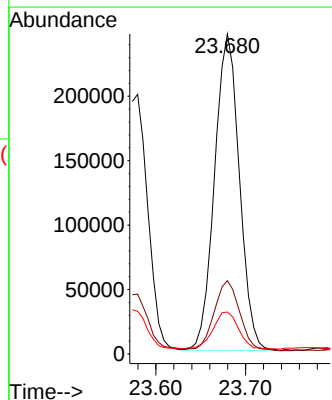
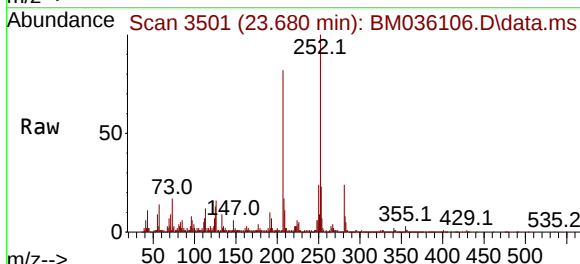
Instrument :
BNA_M
ClientSampleId :
RVE-124

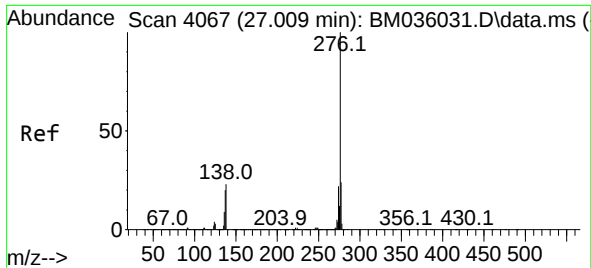
Tgt Ion:252 Resp: 813627
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.4 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 7.462 ng
RT: 23.680 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

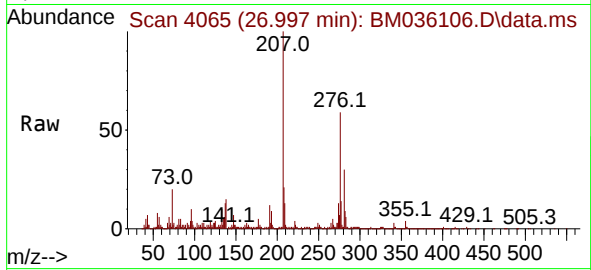
Tgt Ion:252 Resp: 472045
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 13.1 8.7 13.1#





#92
Benzo(g,h,i)perylene
Concen: 5.472 ng
RT: 26.997 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM036106.D
Acq: 04 Aug 2022 19:44

Instrument :
BNA_M
ClientSampleId :
RVE-124



Tgt Ion:276 Resp: 401002
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 24.7 17.6 26.4

