

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036135.D
 Acq On : 06 Aug 2022 00:54
 Operator : CG/JU
 Sample : N3961-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-179D

Quant Time: Aug 06 03:31:44 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)

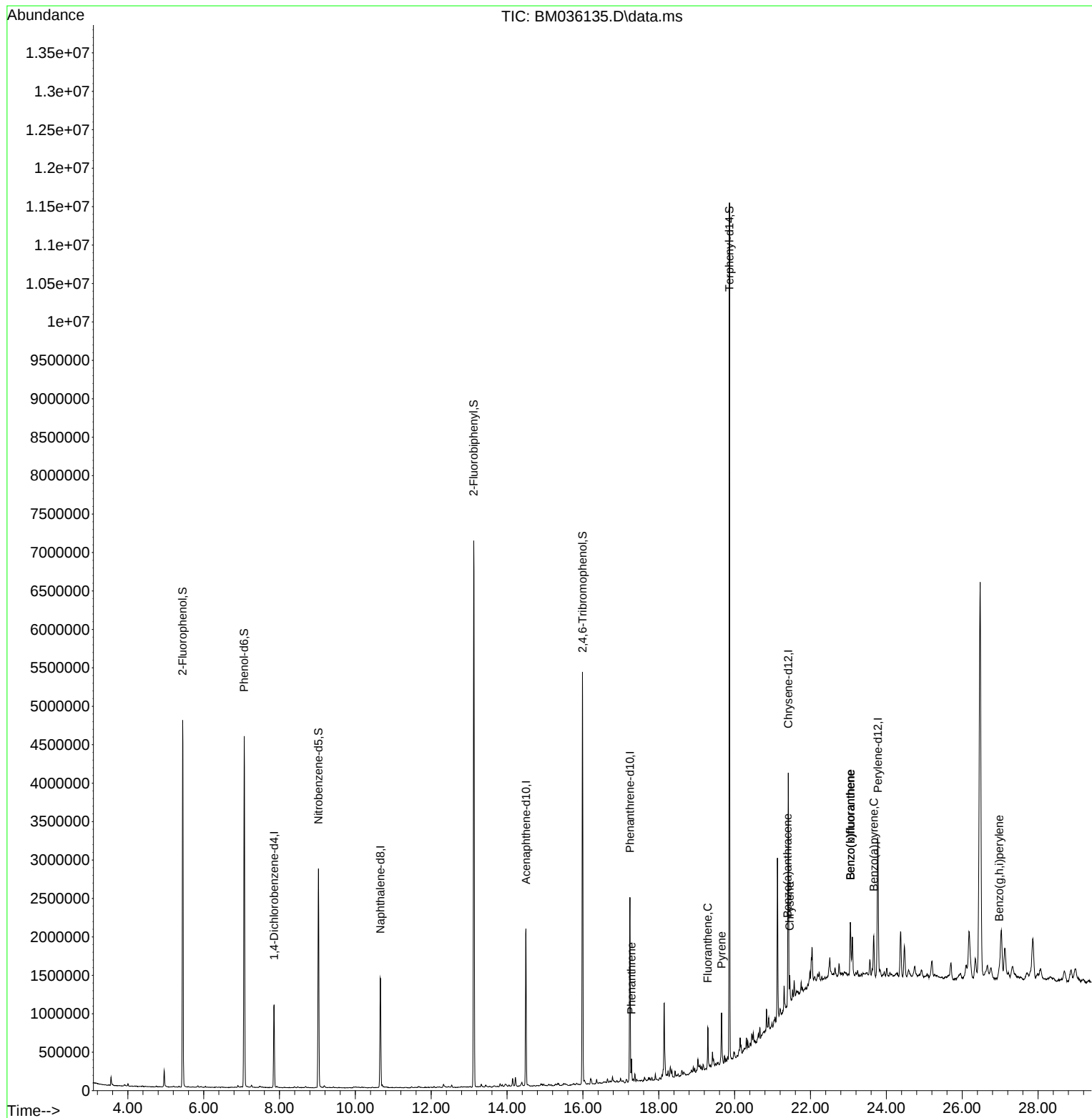
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	299092	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1223902	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	708630	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1392029	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1268957	20.000	ng	0.00
86) Perylene-d12	23.774	264	1319279	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2107176	114.222	ng	0.02
7) Phenol-d6	7.069	99	2622093	111.703	ng	0.04
23) Nitrobenzene-d5	9.028	82	1583670	72.431	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	986752	118.698	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	3586309	74.723	ng	0.00
79) Terphenyl-d14	19.862	244	4936113	76.726	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.280	178	156118	2.201	ng	99
75) Fluoranthene	19.292	202	263589	3.320	ng	96
78) Pyrene	19.656	202	388894	4.942	ng	99
81) Benzo(a)anthracene	21.398	228	181432	2.321	ng	94
83) Chrysene	21.450	228	207619	2.794	ng	98
88) Benzo(b)fluoranthene	23.056	252	332109	4.297	ng	# 91
89) Benzo(k)fluoranthene	23.056	252	332747	4.262	ng	# 91
90) Benzo(a)pyrene	23.668	252	199370	3.074	ng	# 93
92) Benzo(g,h,i)perylene	26.980	276	178768	2.379	ng	93

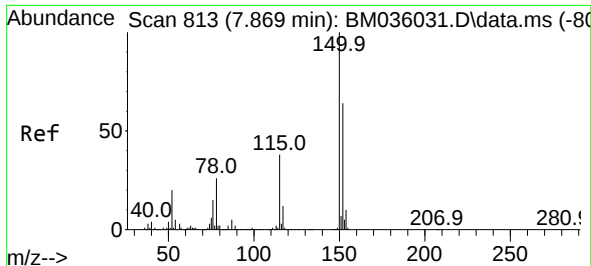
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
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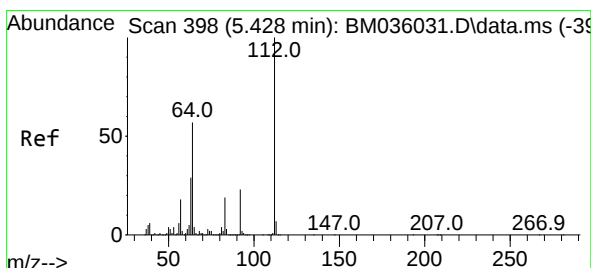
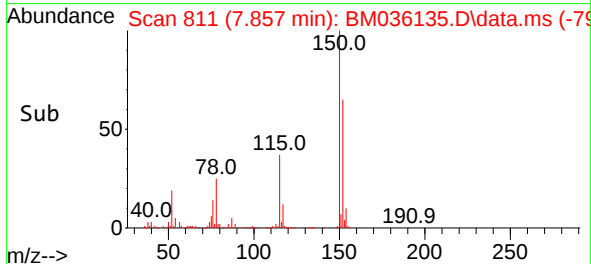
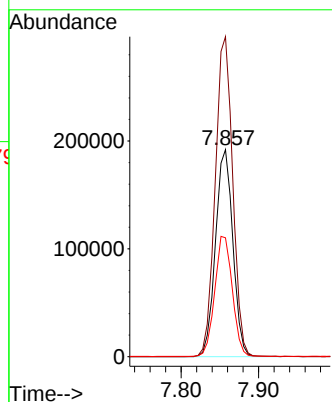
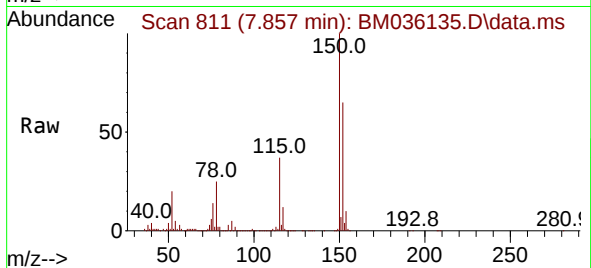




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

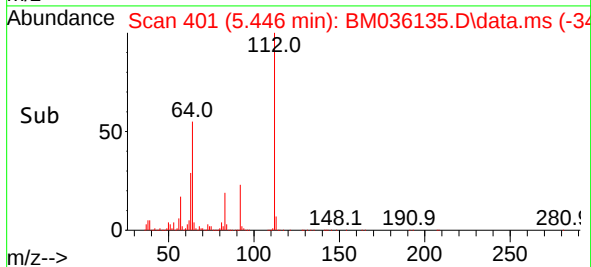
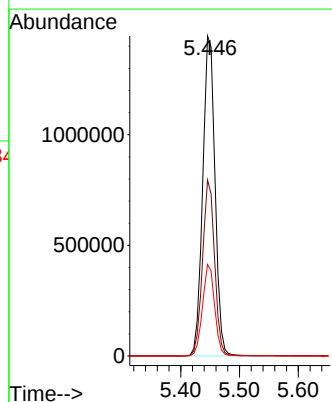
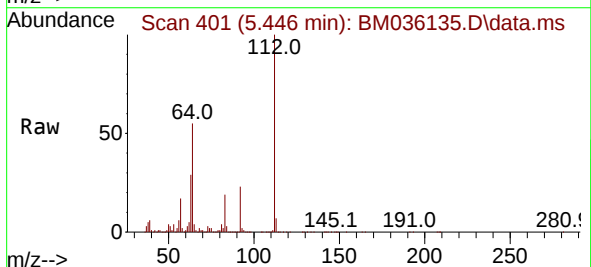
Instrument :
BNA_M
ClientSampleId :
RVE-179D

Tgt Ion:152 Resp: 299092
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 57.4 47.9 71.9



#5
2-Fluorophenol
Concen: 114.222 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:112 Resp: 2107176
Ion Ratio Lower Upper
112 100
64 55.0 47.8 71.6
63 28.6 26.6 40.0

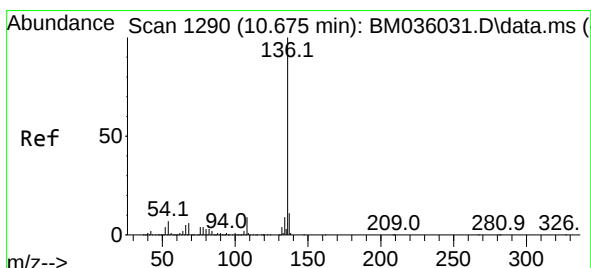
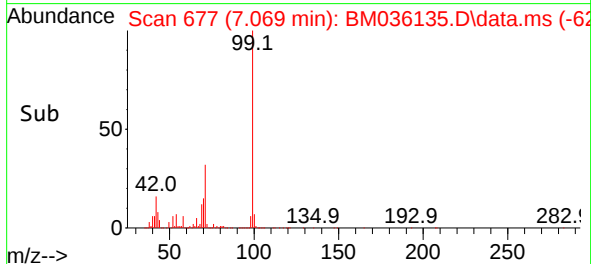
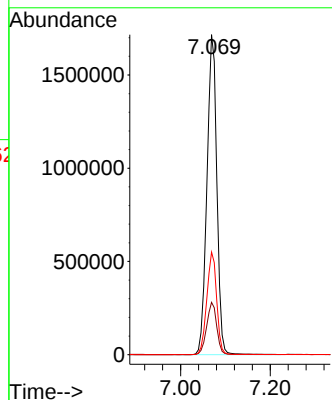
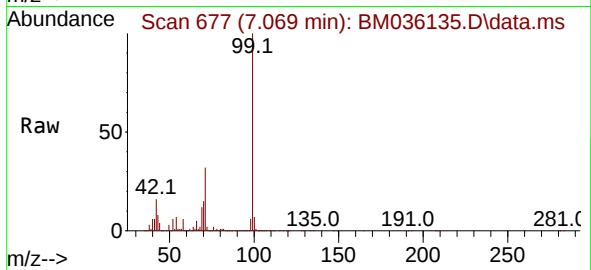




#7
Phenol-d6
Concen: 111.703 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

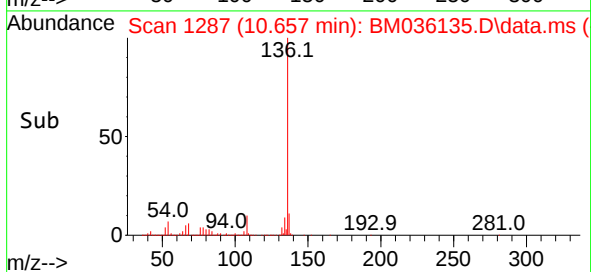
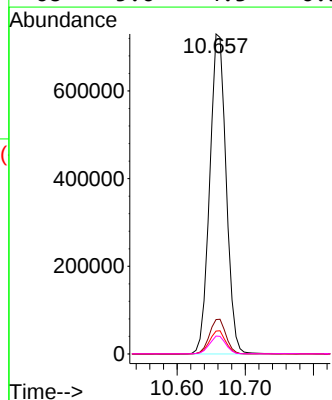
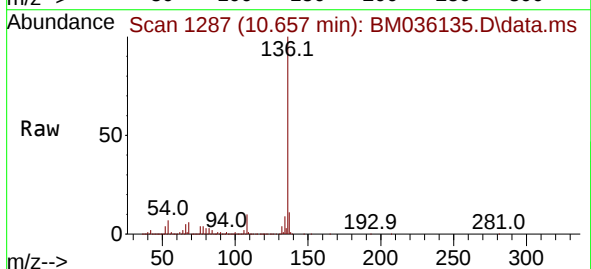
Instrument :
BNA_M
ClientSampleId :
RVE-179D

Tgt Ion: 99 Resp: 2622093
Ion Ratio Lower Upper
99 100
42 16.4 18.8 28.2#
71 32.0 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: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:136 Resp: 1223902
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.1 7.0 10.4
68 5.6 4.3 6.5

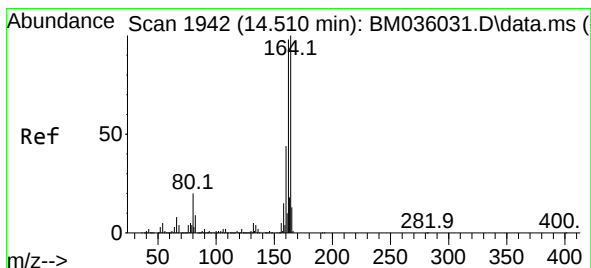
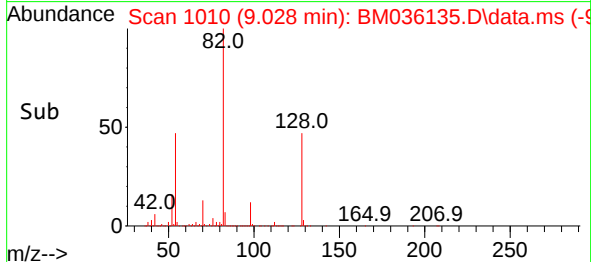
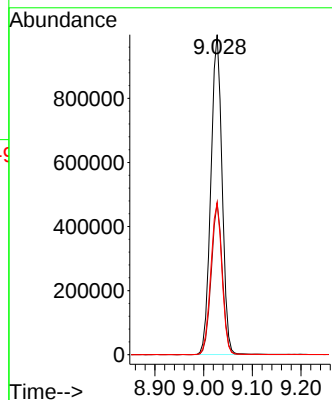
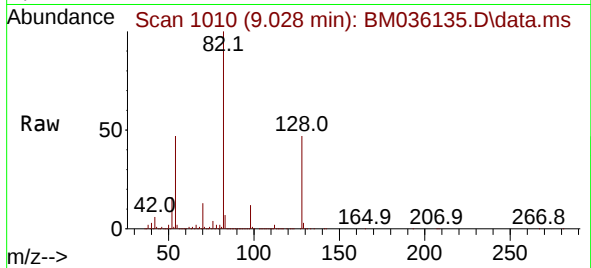




#23
Nitrobenzene-d5
Concen: 72.431 ng
RT: 9.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

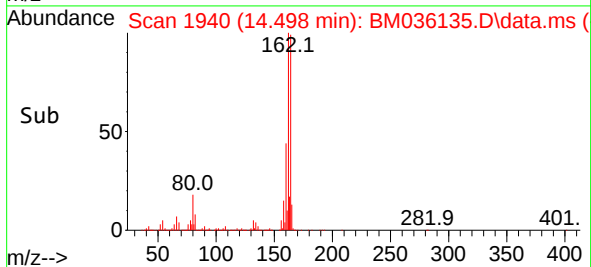
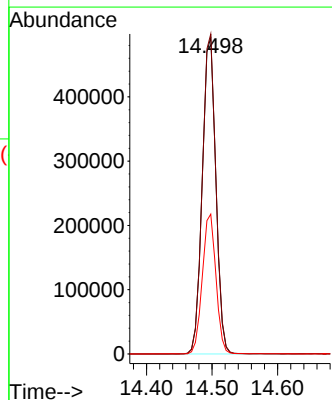
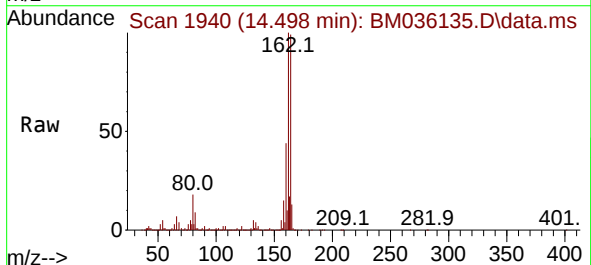
Instrument :
BNA_M
ClientSampleId :
RVE-179D

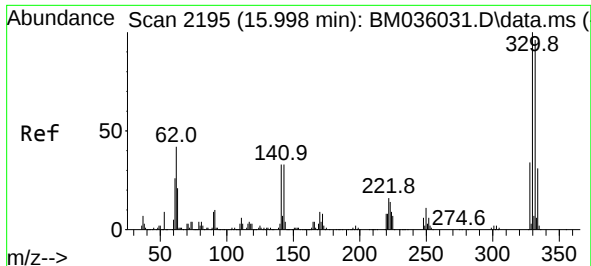
Tgt Ion: 82 Resp: 1583670
Ion Ratio Lower Upper
82 100
128 47.4 33.7 50.5
54 47.5 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:164 Resp: 708630
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 44.2 37.0 55.4

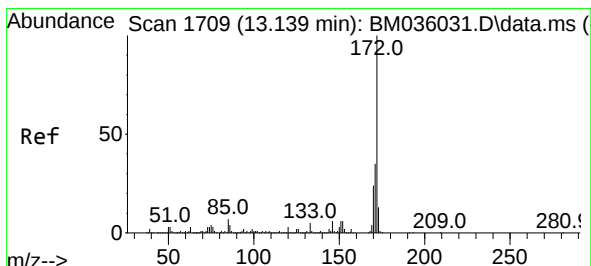
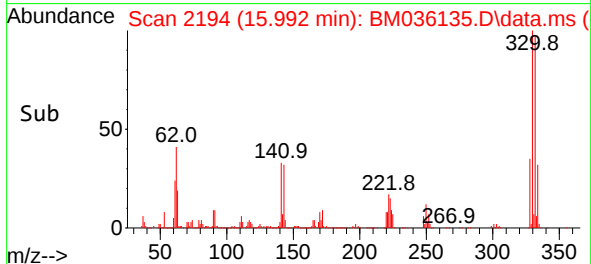
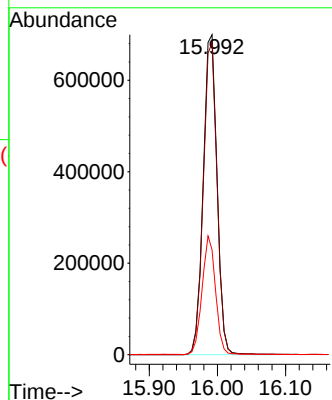
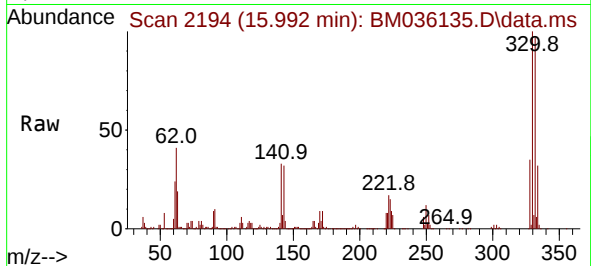




#42
2,4,6-Tribromophenol
Concen: 118.698 ng
RT: 15.992 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

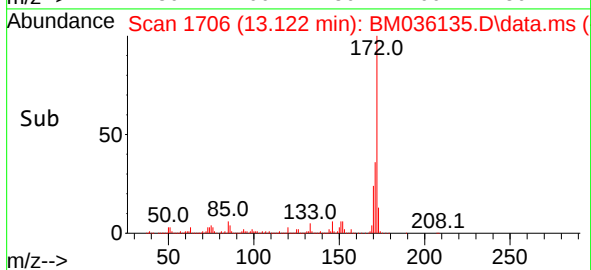
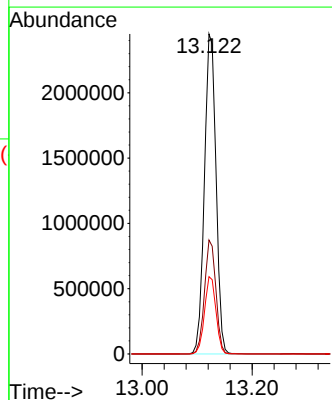
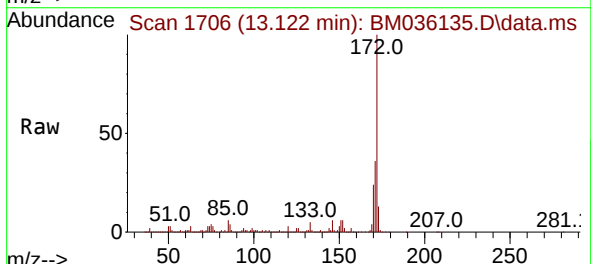
Instrument :
BNA_M
ClientSampleId :
RVE-179D

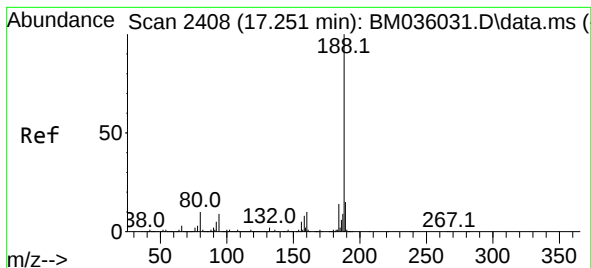
Tgt Ion:330 Resp: 986752
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 35.9 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 74.723 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:172 Resp: 3586309
Ion Ratio Lower Upper
172 100
171 35.6 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: BM036135.D

Acq: 06 Aug 2022 00:54

Instrument :

BNA_M

ClientSampleId :

RVE-179D

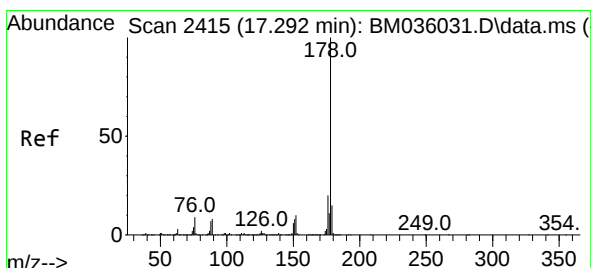
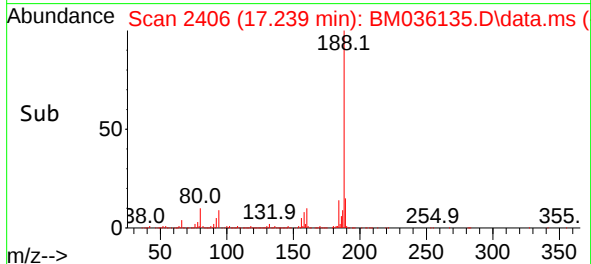
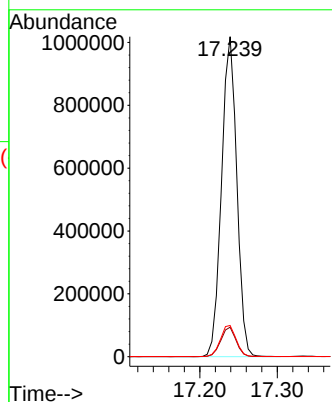
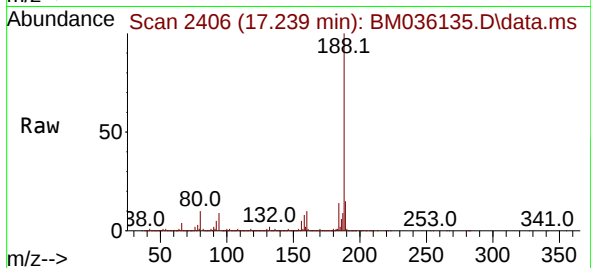
Tgt Ion:188 Resp: 1392029

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 9.8 7.6 11.4



#71

Phenanthrene

Concen: 2.201 ng

RT: 17.280 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BM036135.D

Acq: 06 Aug 2022 00:54

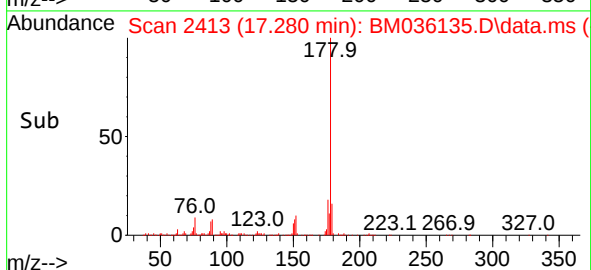
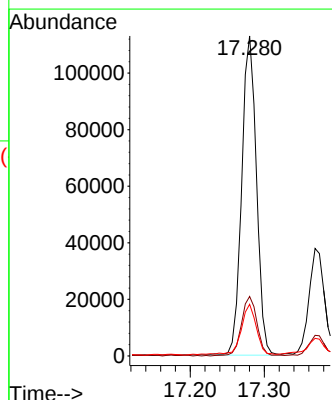
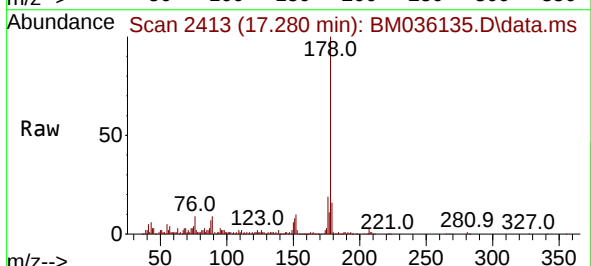
Tgt Ion:178 Resp: 156118

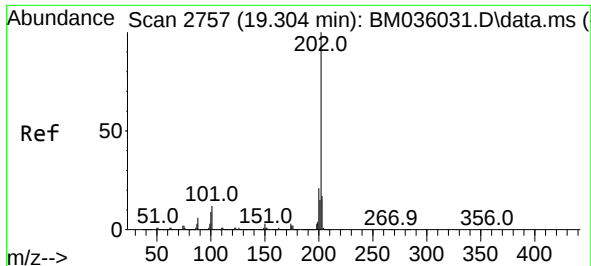
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

179 16.2 12.4 18.6

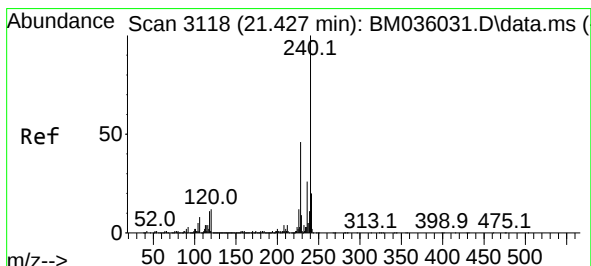
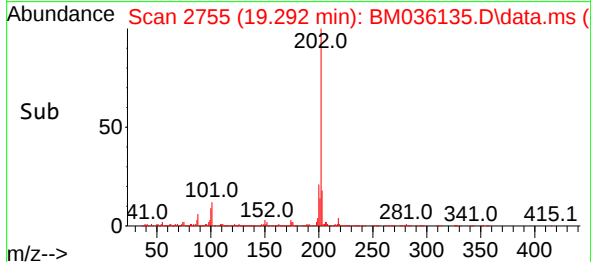
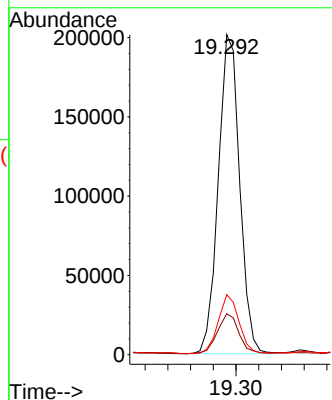
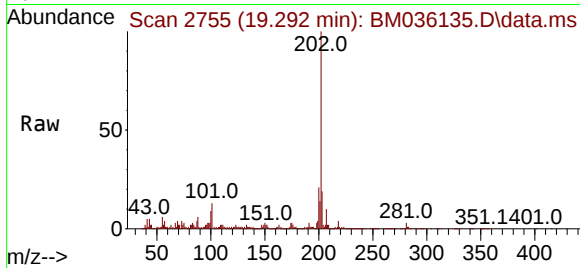




#75
Fluoranthene
Concen: 3.320 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

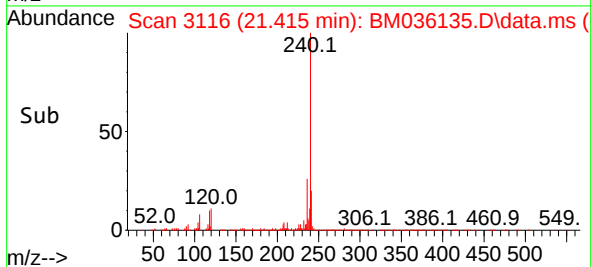
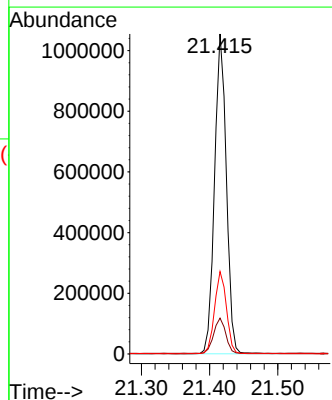
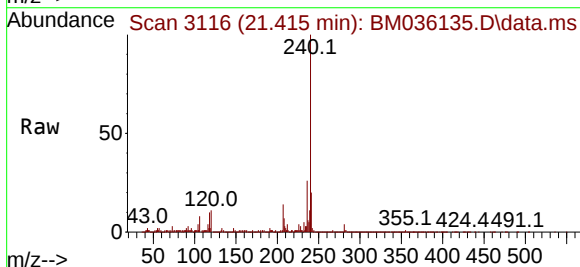
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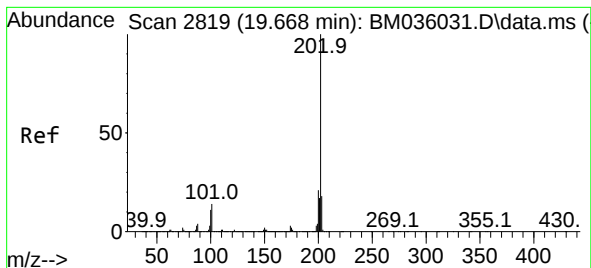
Tgt Ion:202 Resp: 263589
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.6
203 18.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:240 Resp: 1268957
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 25.7 20.6 30.8





#78

Pyrene

Concen: 4.942 ng

RT: 19.656 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036135.D

Acq: 06 Aug 2022 00:54

Instrument :

BNA_M

ClientSampleId :

RVE-179D

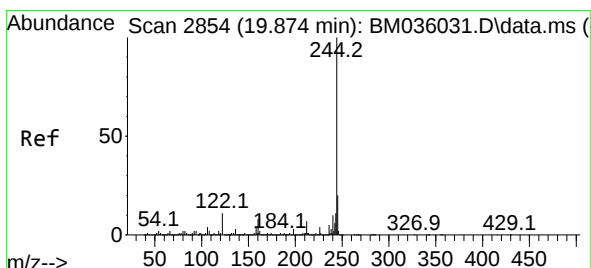
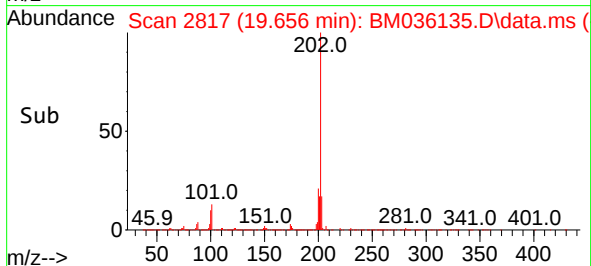
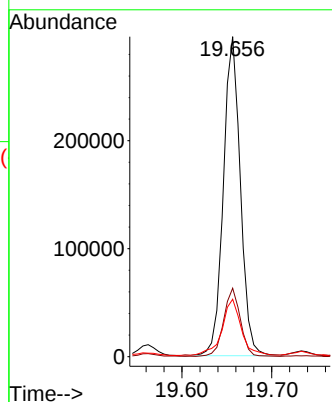
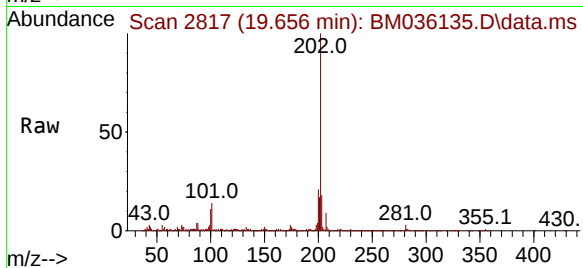
Tgt Ion:202 Resp: 388894

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

203 17.9 13.9 20.9



#79

Terphenyl-d14

Concen: 76.726 ng

RT: 19.862 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM036135.D

Acq: 06 Aug 2022 00:54

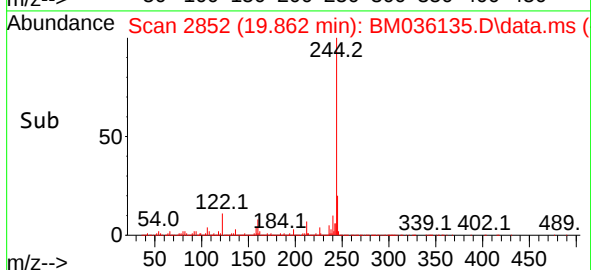
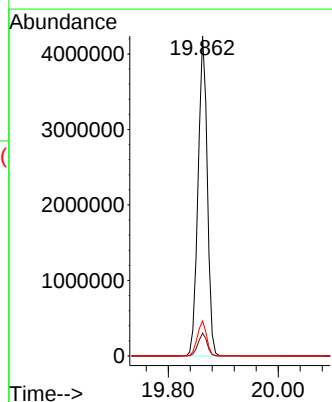
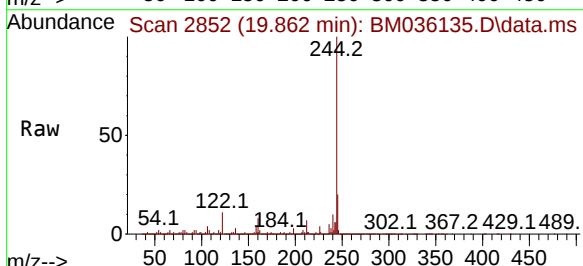
Tgt Ion:244 Resp: 4936113

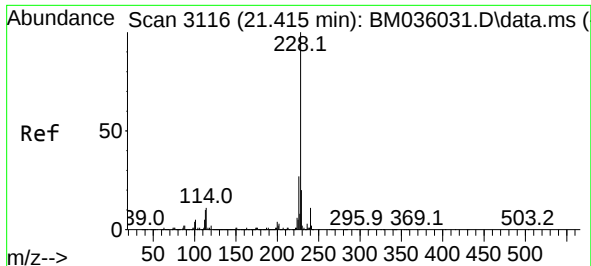
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 10.9 8.3 12.5

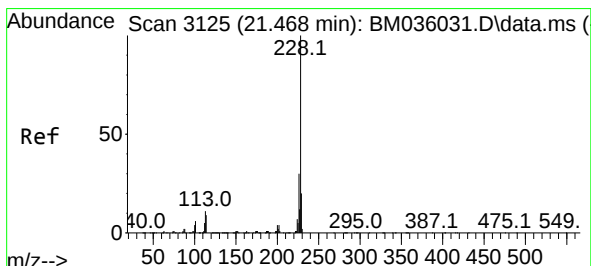
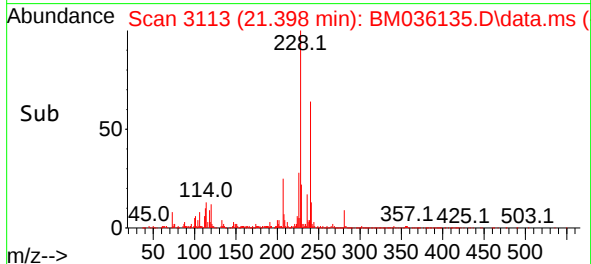
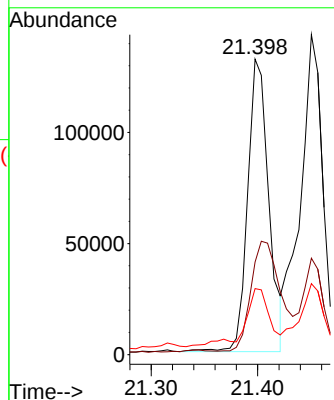
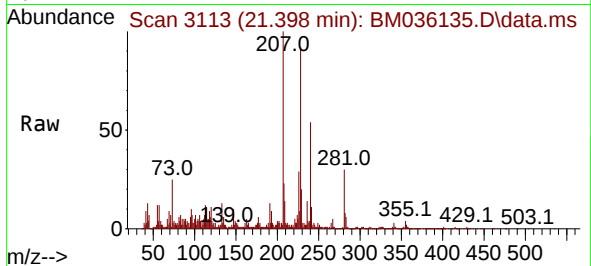




#81
Benzo(a)anthracene
Concen: 2.321 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

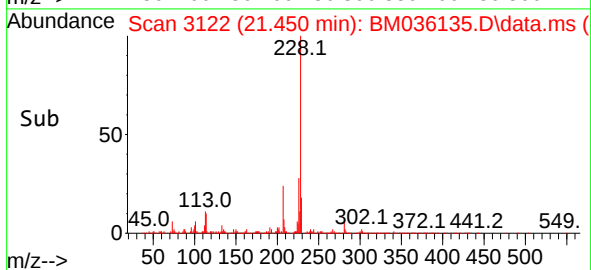
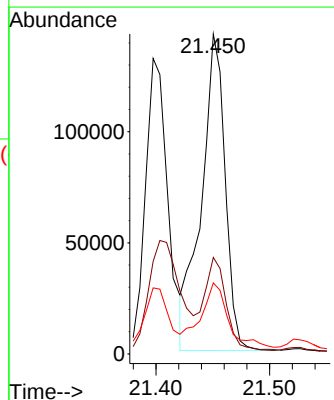
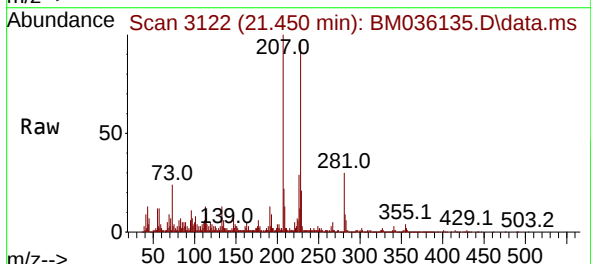
Instrument :
BNA_M
ClientSampleId :
RVE-179D

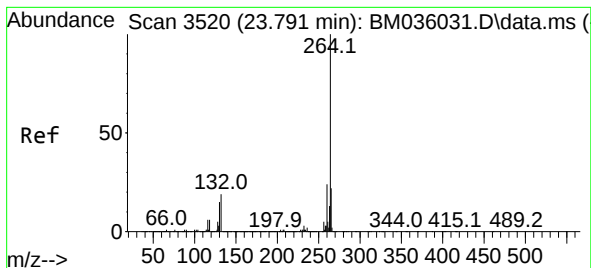
Tgt Ion:228 Resp: 181432
Ion Ratio Lower Upper
228 100
226 31.3 22.3 33.5
229 22.4 15.8 23.6



#83
Chrysene
Concen: 2.794 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:228 Resp: 207619
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.2 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM036135.D

Acq: 06 Aug 2022 00:54

Instrument :

BNA_M

ClientSampleId :

RVE-179D

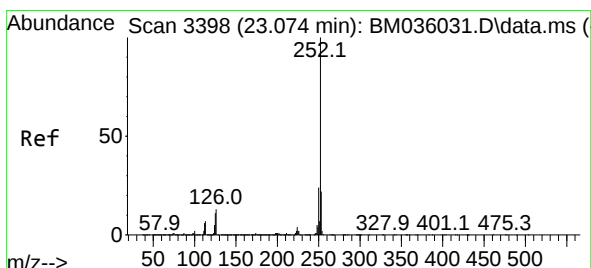
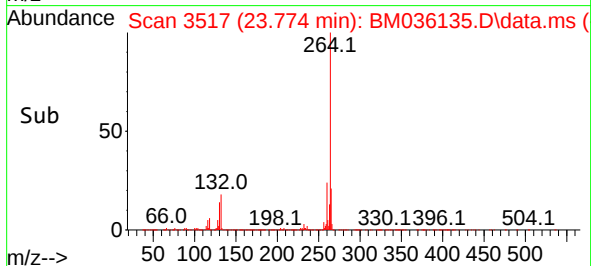
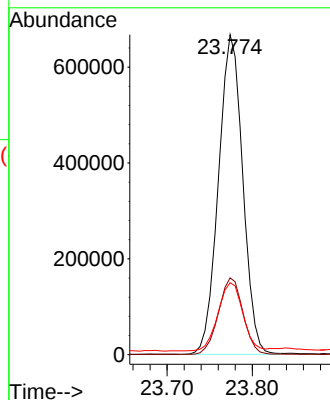
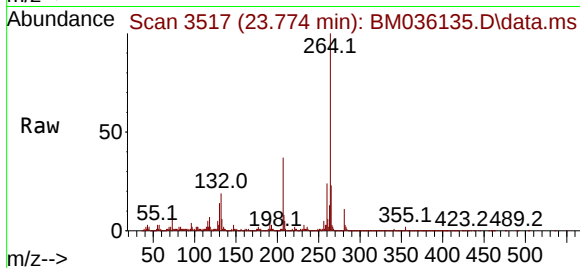
Tgt Ion:264 Resp: 1319279

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.5 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 4.297 ng

RT: 23.056 min Scan# 3395

Delta R.T. -0.012 min

Lab File: BM036135.D

Acq: 06 Aug 2022 00:54

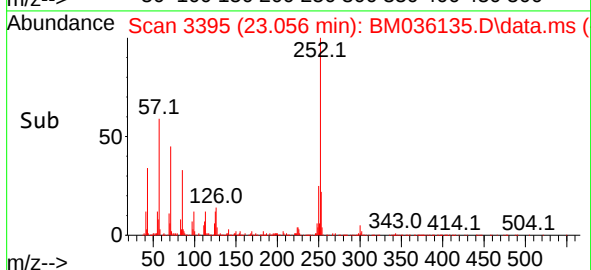
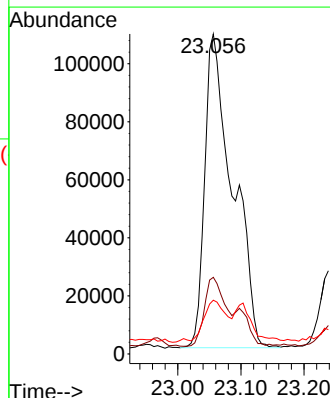
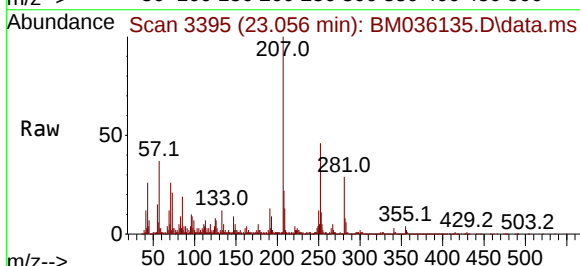
Tgt Ion:252 Resp: 332109

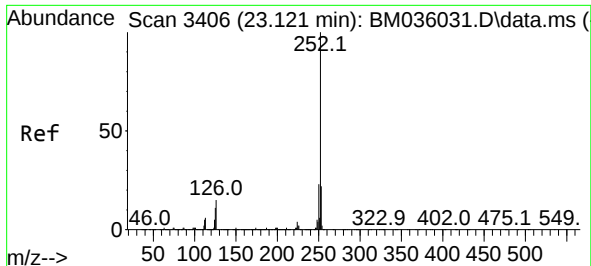
Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 16.8 7.6 11.4#

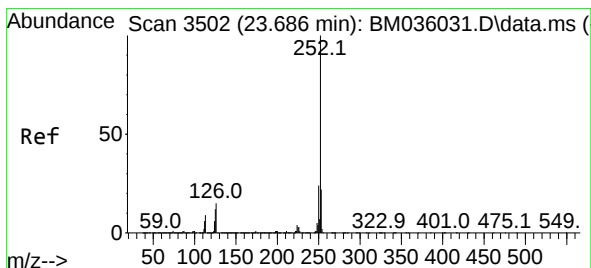
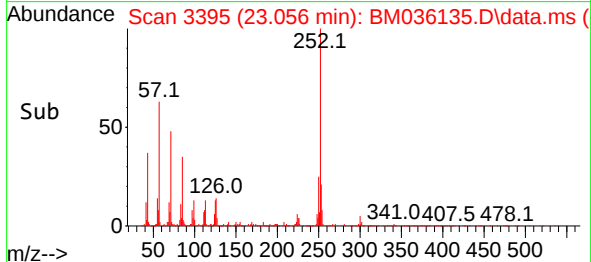
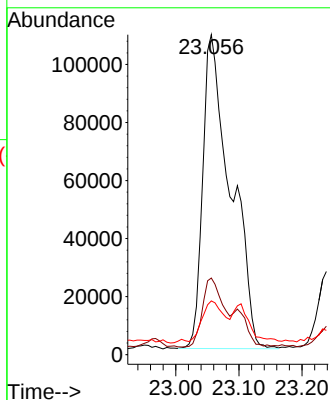
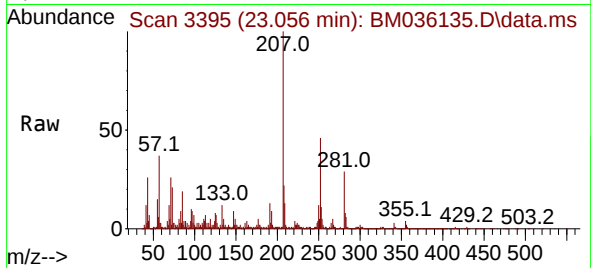




#89
Benzo(k)fluoranthene
Concen: 4.262 ng
RT: 23.056 min Scan# 31
Delta R.T. -0.059 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

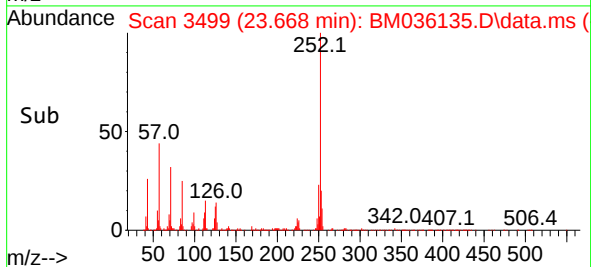
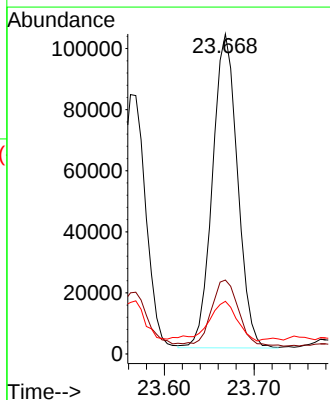
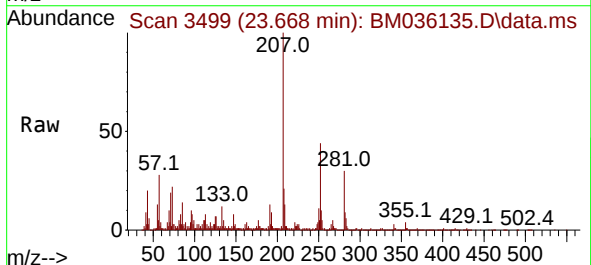
Instrument :
BNA_M
ClientSampleId :
RVE-179D

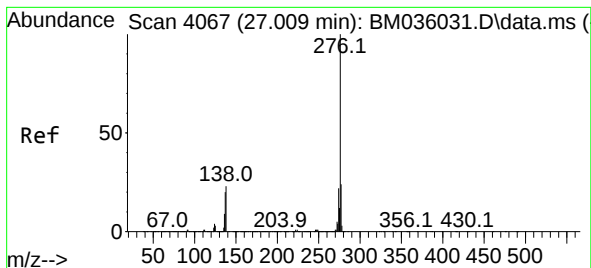
Tgt Ion:252 Resp: 332747
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 16.8 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 3.074 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:252 Resp: 199370
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 16.5 8.7 13.1#





#92

Benzo(g,h,i)perylene

Concen: 2.379 ng

RT: 26.980 min Scan# 4062

Delta R.T. -0.018 min

Lab File: BM036135.D

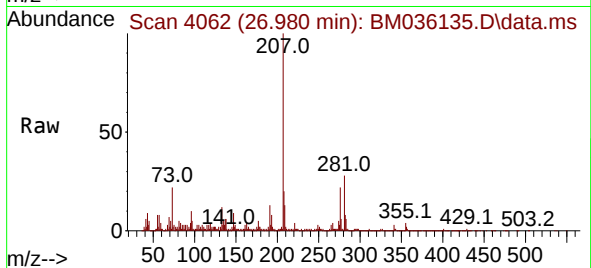
Acq: 06 Aug 2022 00:54

Instrument :

BNA_M

ClientSampleId :

RVE-179D



Tgt Ion:276 Resp: 178768

Ion Ratio Lower Upper

276 100

277 25.9 18.7 28.1

138 26.2 17.6 26.4

