

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036138.D
 Acq On : 06 Aug 2022 02:44
 Operator : CG/JU
 Sample : N3960-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-164

Quant Time: Aug 06 03:32:14 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)

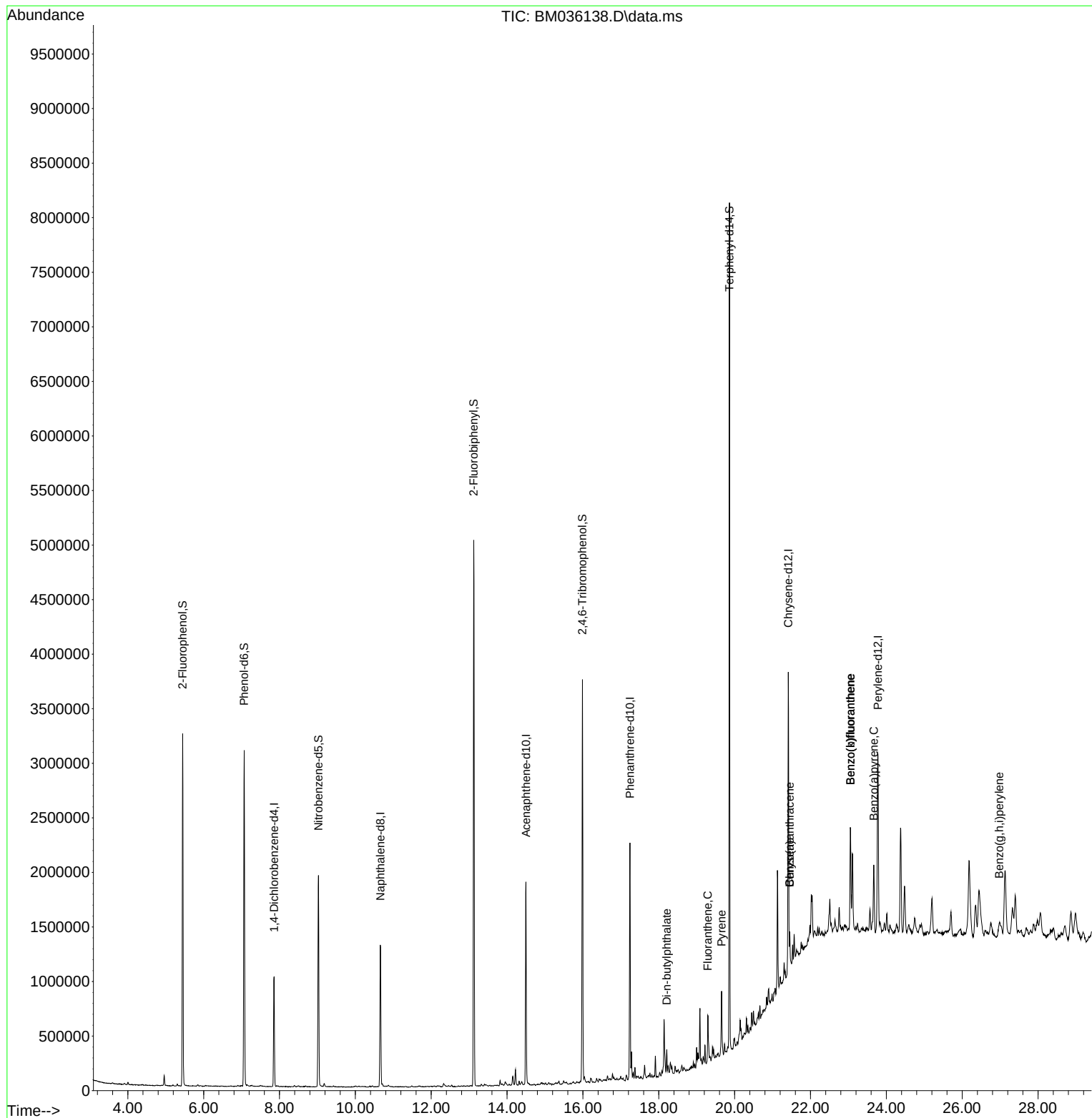
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	273476	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1112713	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	637719	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1246786	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1139173	20.000	ng	0.00
86) Perylene-d12	23.780	264	1207923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1405649	83.332	ng	0.02
7) Phenol-d6	7.069	99	1761357	82.063	ng	0.04
23) Nitrobenzene-d5	9.028	82	1107739	55.727	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	671406	89.745	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	2502675	57.943	ng	0.00
79) Terphenyl-d14	19.862	244	3491257	60.450	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	18.209	149	153543	2.064	ng	99
75) Fluoranthene	19.292	202	220643	3.103	ng	96
78) Pyrene	19.656	202	337265	4.774	ng	99
81) Benzo(a)anthracene	21.450	228	186860	2.663	ng	94
83) Chrysene	21.450	228	186860	2.802	ng	97
88) Benzo(b)fluoranthene	23.056	252	239304	3.381	ng	# 91
89) Benzo(k)fluoranthene	23.056	252	239304	3.348	ng	# 91
90) Benzo(a)pyrene	23.668	252	184655	3.110	ng	# 88
92) Benzo(g,h,i)perylene	26.979	276	167940	2.441	ng	96

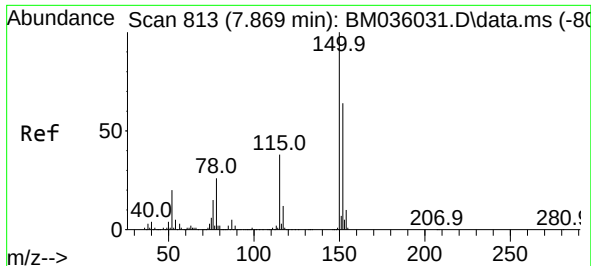
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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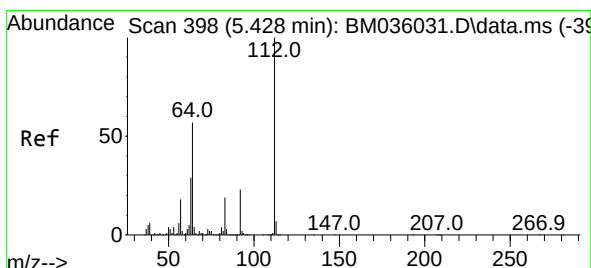
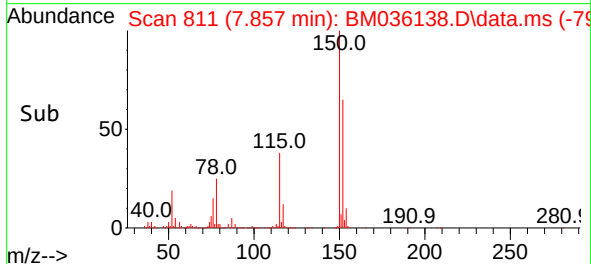
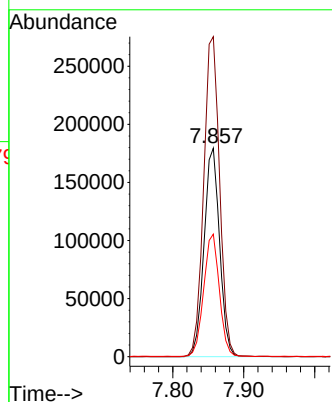
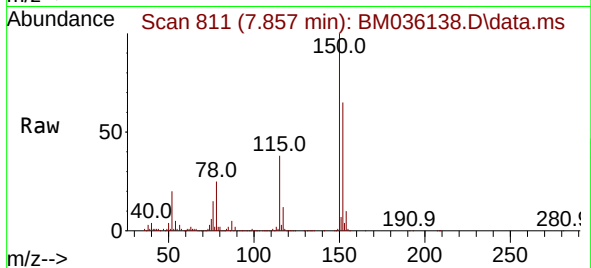




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

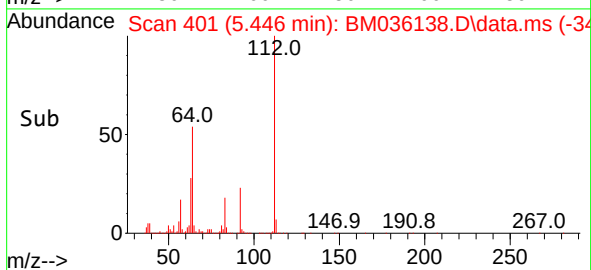
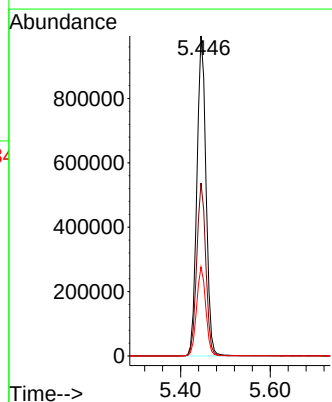
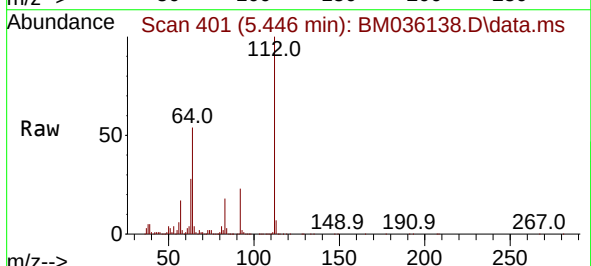
Instrument :
BNA_M
ClientSampleId :
RVE-164

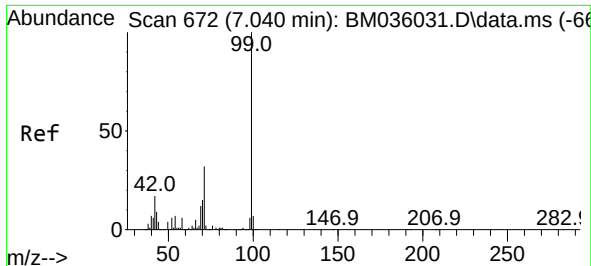
Tgt Ion:152 Resp: 273476
Ion Ratio Lower Upper
152 100
150 153.5 124.9 187.3
115 58.8 47.9 71.9



#5
2-Fluorophenol
Concen: 83.332 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Tgt Ion:112 Resp: 1405649
Ion Ratio Lower Upper
112 100
64 54.0 47.8 71.6
63 27.8 26.6 40.0

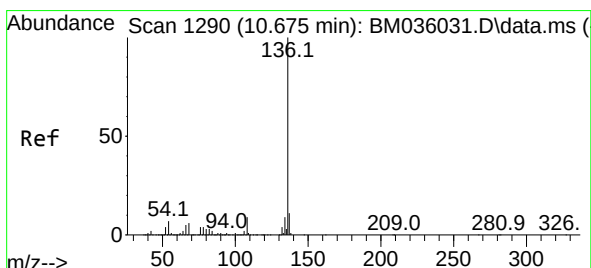
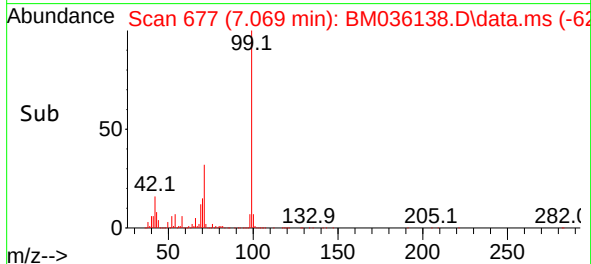
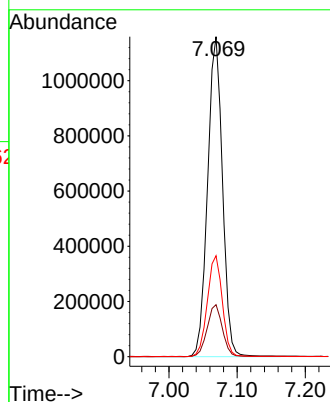
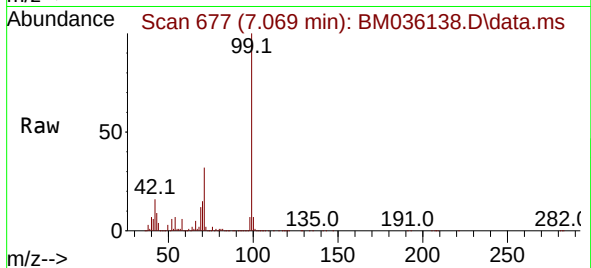




#7
Phenol-d6
Concen: 82.063 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

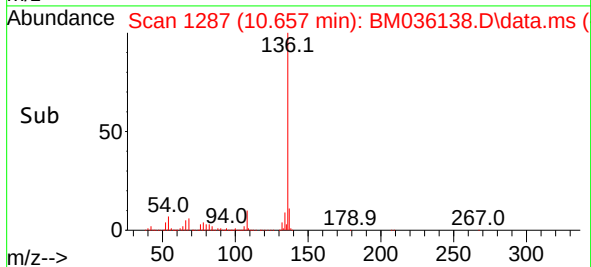
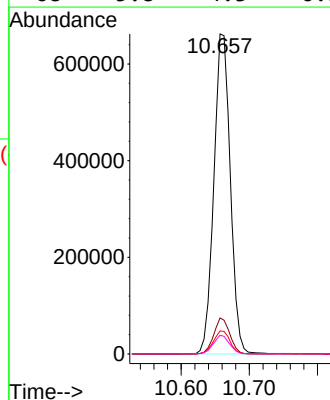
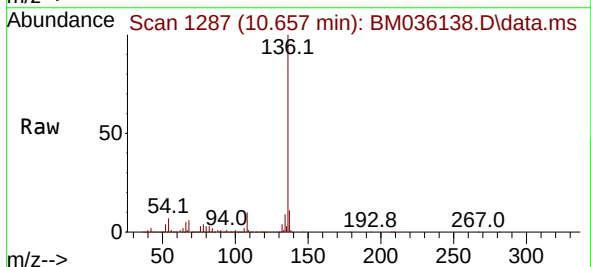
Instrument :
BNA_M
ClientSampleId :
RVE-164

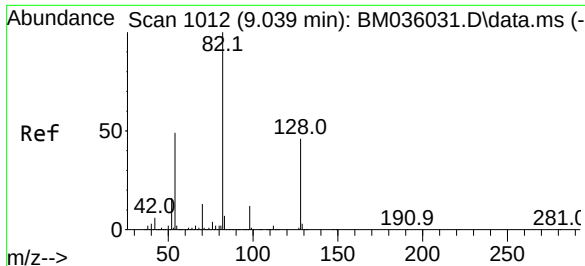
Tgt Ion: 99 Resp: 1761357
Ion Ratio Lower Upper
99 100
42 16.2 18.8 28.2#
71 31.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Tgt Ion: 136 Resp: 1112713
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

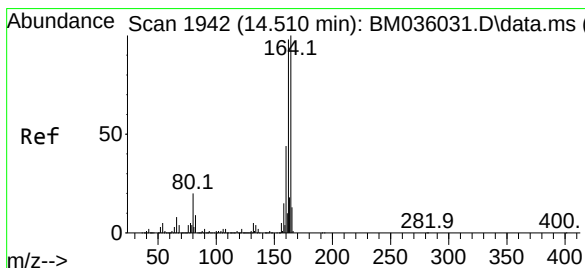
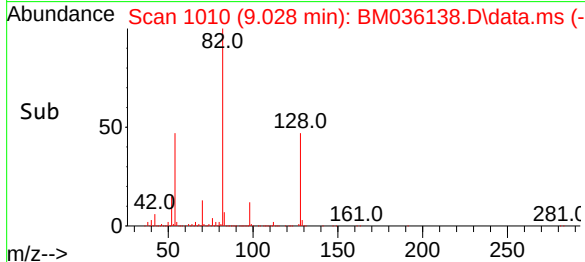
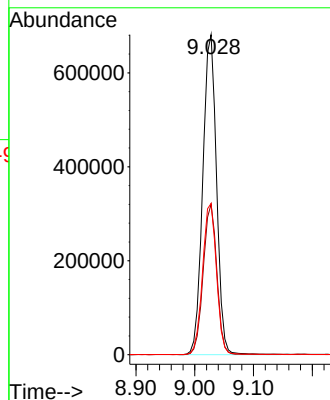
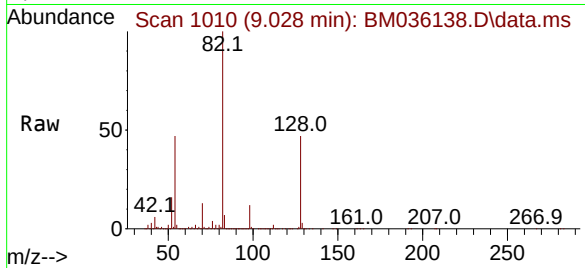




#23
Nitrobenzene-d5
Concen: 55.727 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

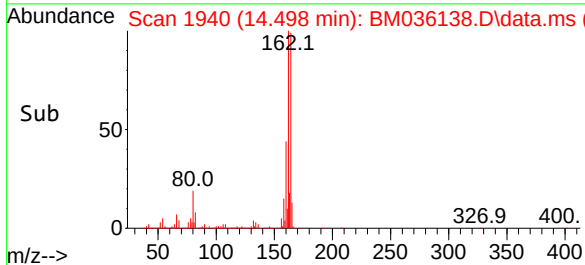
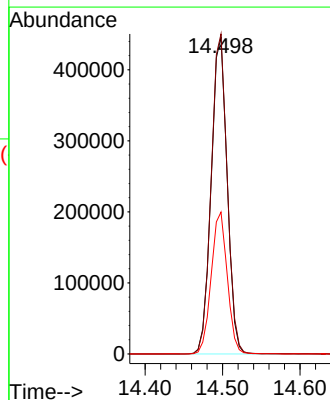
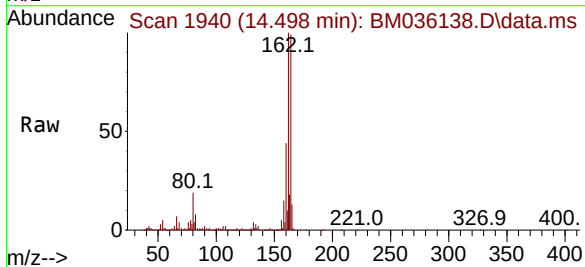
Instrument :
BNA_M
ClientSampleId :
RVE-164

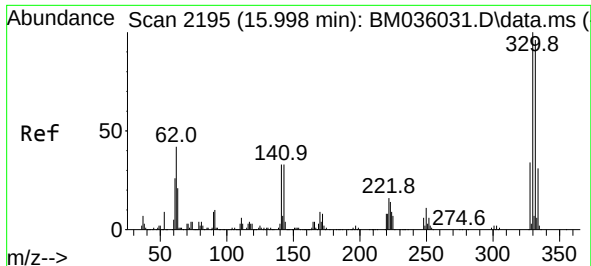
Tgt Ion: 82 Resp: 1107739
Ion Ratio Lower Upper
82 100
128 47.0 33.7 50.5
54 47.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Tgt Ion: 164 Resp: 637719
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: 89.745 ng

RT: 15.986 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036138.D

Acq: 06 Aug 2022 02:44

Instrument :

BNA_M

ClientSampleId :

RVE-164

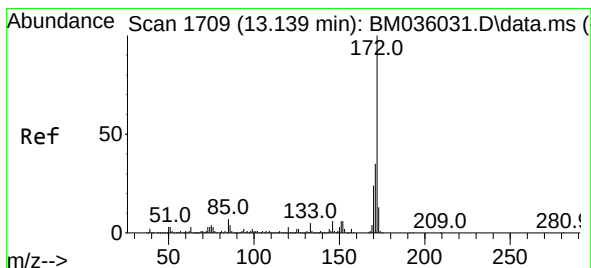
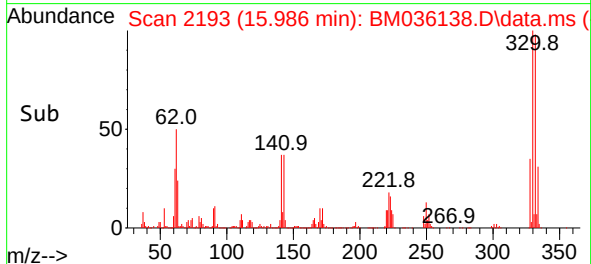
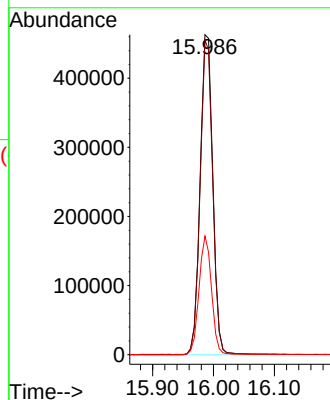
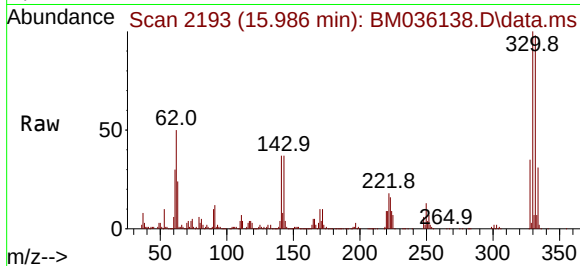
Tgt Ion:330 Resp: 671406

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 36.1 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 57.943 ng

RT: 13.121 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BM036138.D

Acq: 06 Aug 2022 02:44

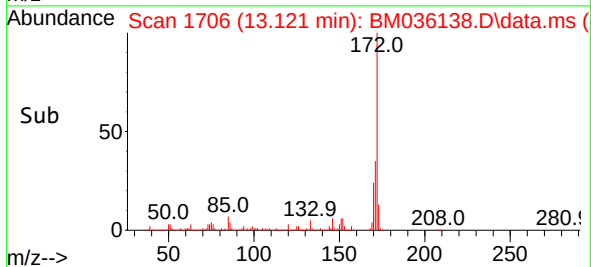
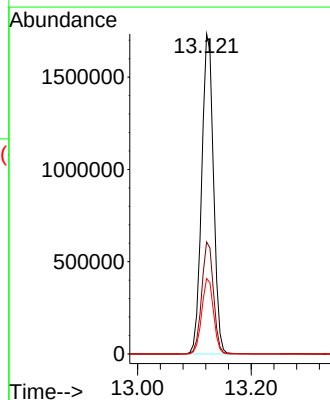
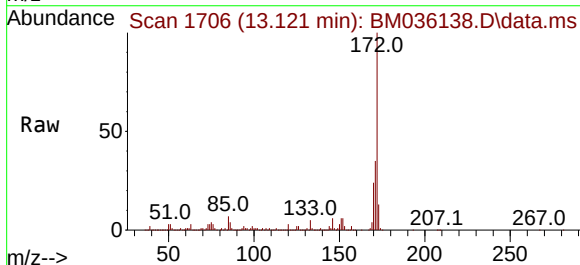
Tgt Ion:172 Resp: 2502675

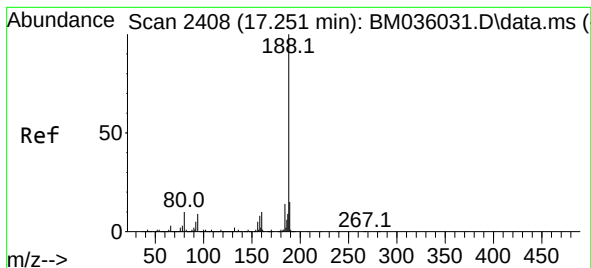
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.239 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM036138.D

Acq: 06 Aug 2022 02:44

Instrument :

BNA_M

ClientSampleId :

RVE-164

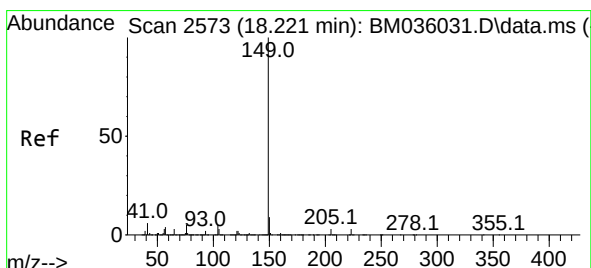
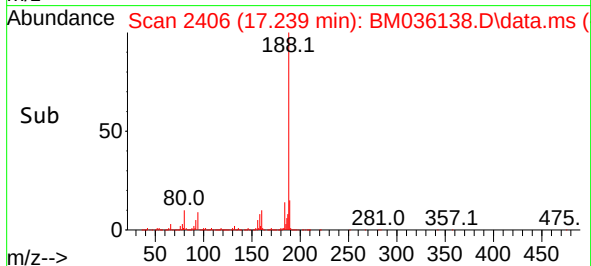
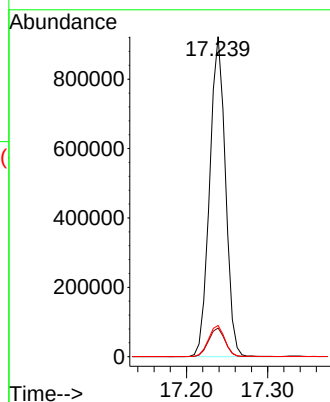
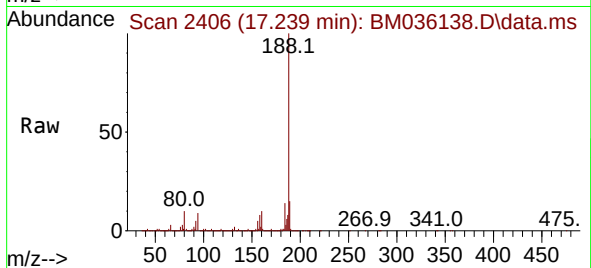
Tgt Ion:188 Resp: 1246786

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.8 7.6 11.4



#74

Di-n-butylphthalate

Concen: 2.064 ng

RT: 18.209 min Scan# 2571

Delta R.T. -0.006 min

Lab File: BM036138.D

Acq: 06 Aug 2022 02:44

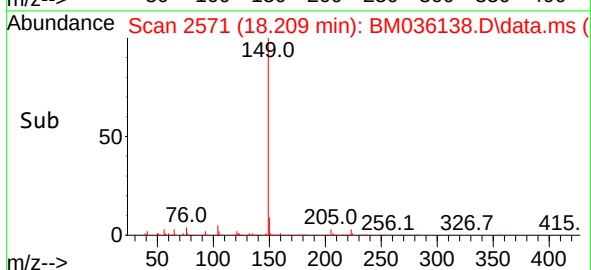
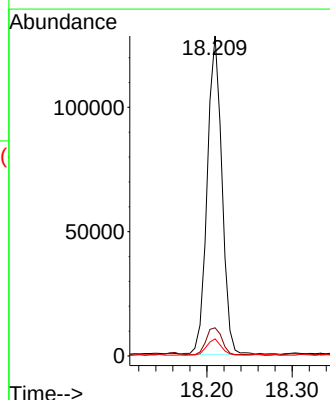
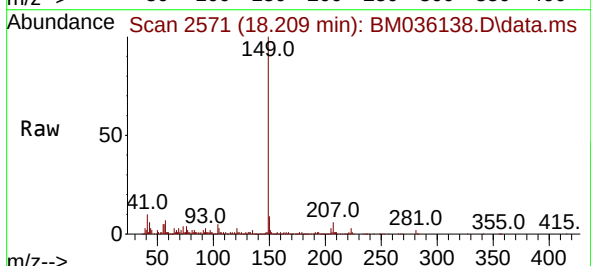
Tgt Ion:149 Resp: 153543

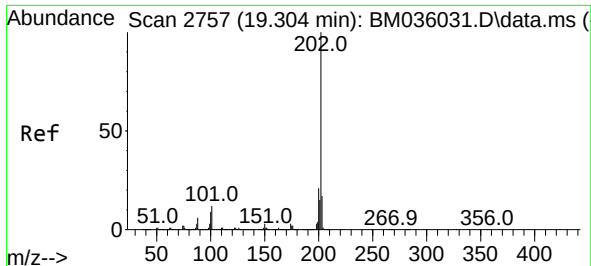
Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 5.3 4.3 6.5

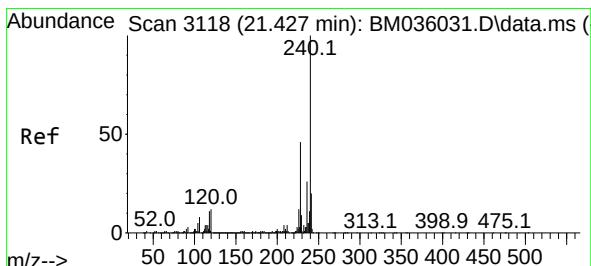
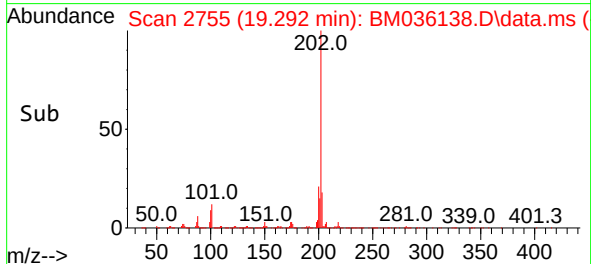
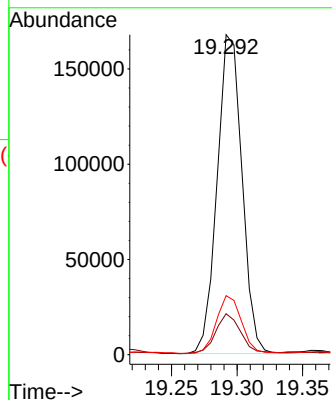
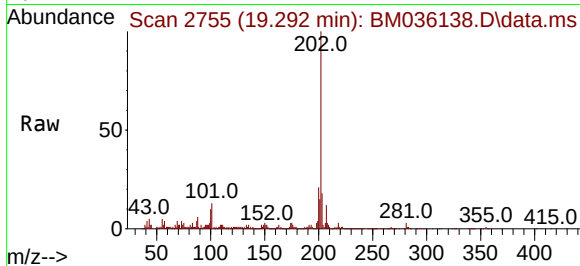




#75
Fluoranthene
Concen: 3.103 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

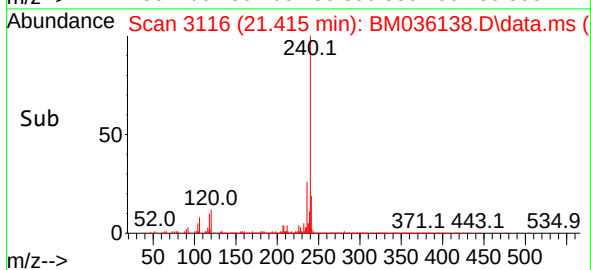
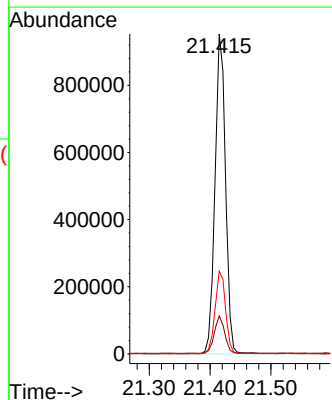
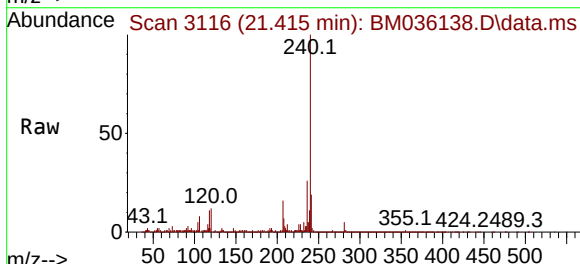
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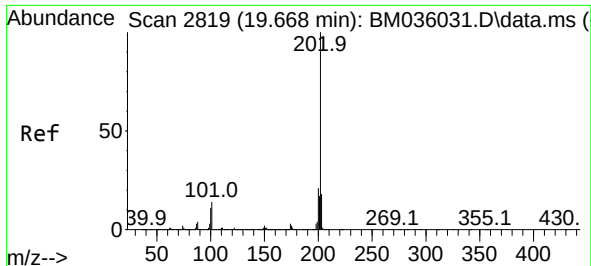
Tgt Ion:202 Resp: 220643
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.6
203 18.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Tgt Ion:240 Resp: 1139173
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 25.9 20.6 30.8

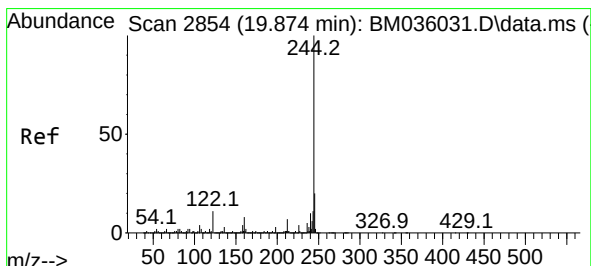
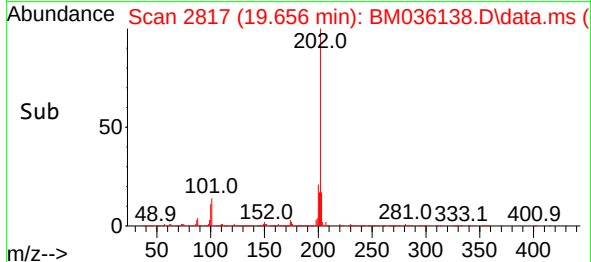
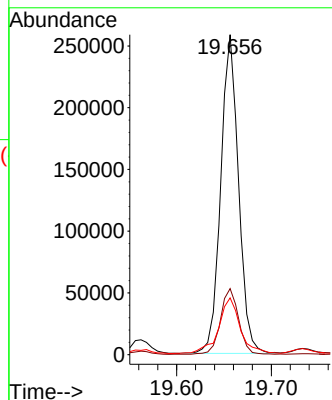
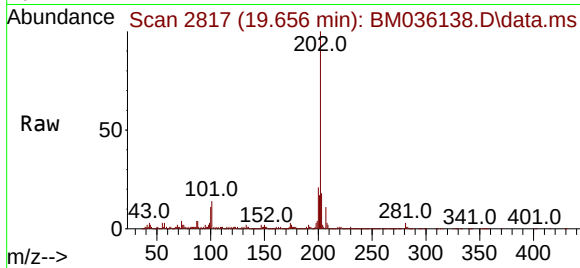




#78
Pyrene
Concen: 4.774 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

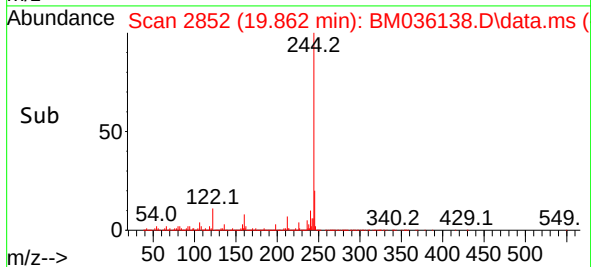
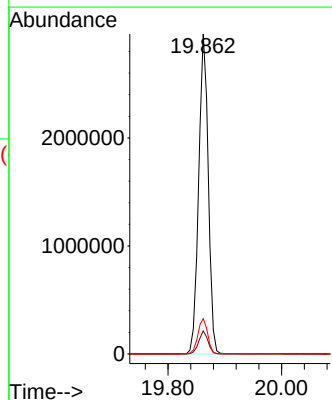
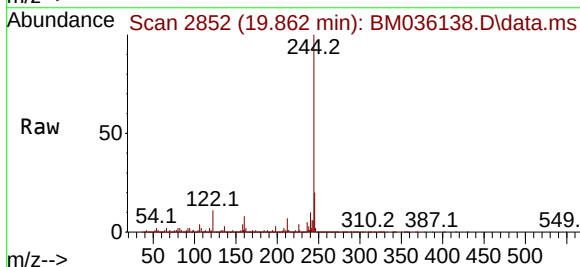
Instrument :
BNA_M
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RVE-164

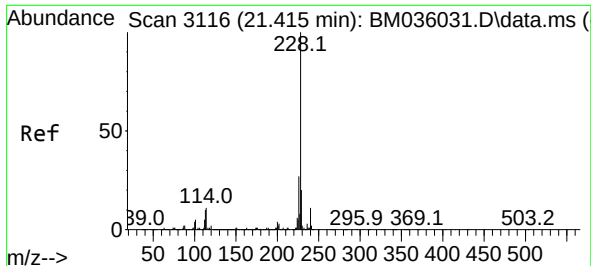
Tgt Ion:202 Resp: 337265
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.8 13.9 20.9



#79
Terphenyl-d14
Concen: 60.450 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Tgt Ion:244 Resp: 3491257
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 11.1 8.3 12.5

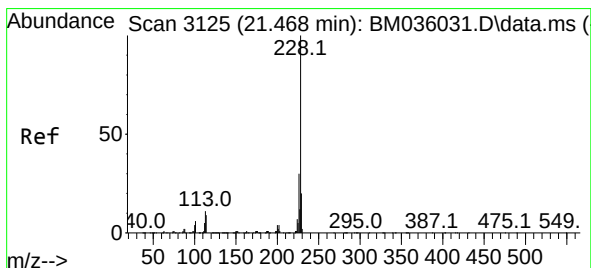
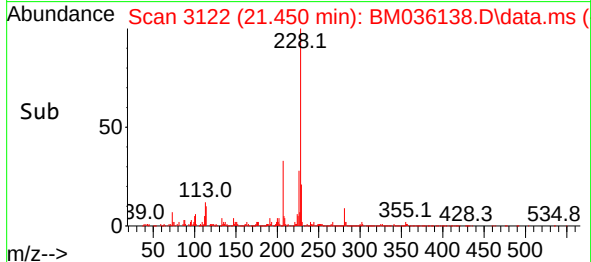
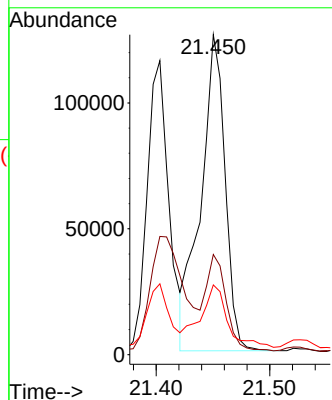
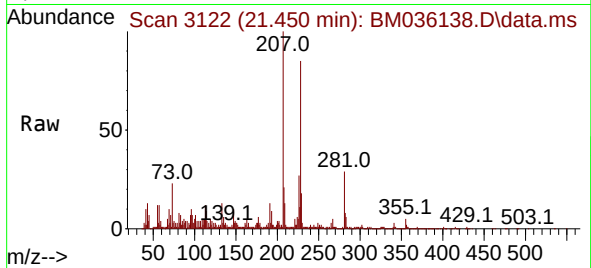




#81
Benzo(a)anthracene
Concen: 2.663 ng
RT: 21.450 min Scan# 3116
Delta R.T. 0.041 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

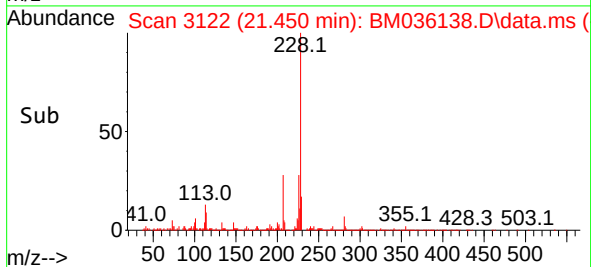
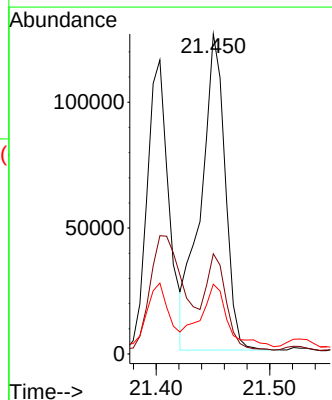
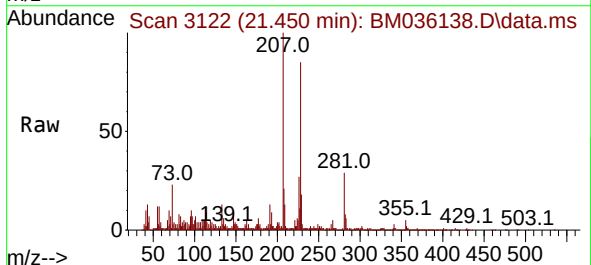
Instrument :
BNA_M
ClientSampleId :
RVE-164

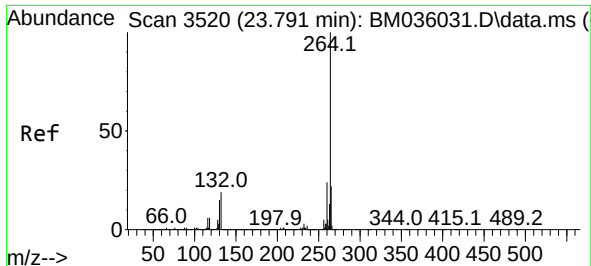
Tgt Ion:228 Resp: 186860
Ion Ratio Lower Upper
228 100
226 31.3 22.3 33.5
229 21.8 15.8 23.6



#83
Chrysene
Concen: 2.802 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Tgt Ion:228 Resp: 186860
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 21.8 15.8 23.8

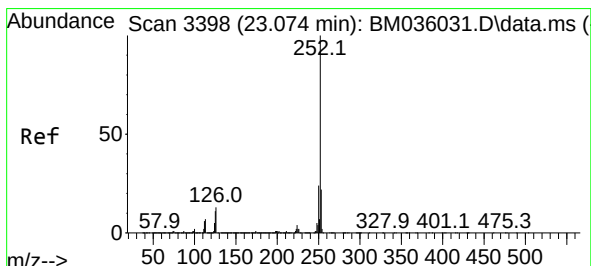
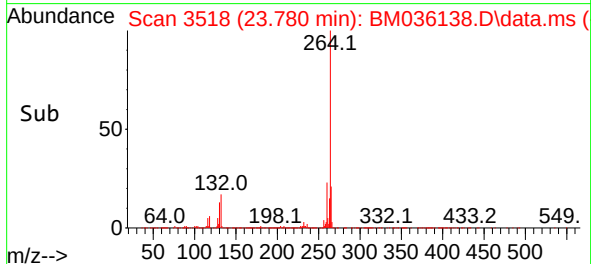
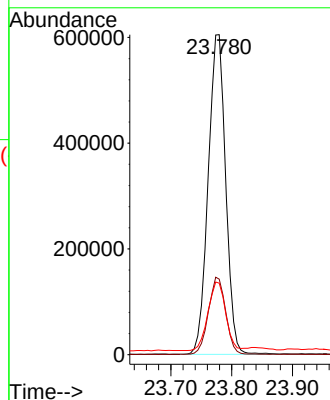
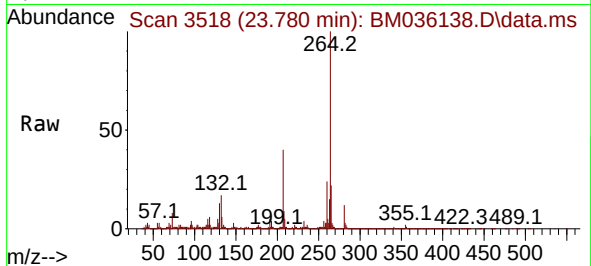




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM036138.D
 Acq: 06 Aug 2022 02:44

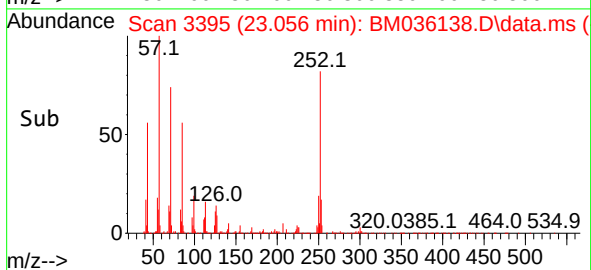
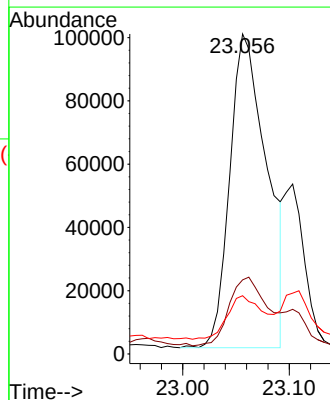
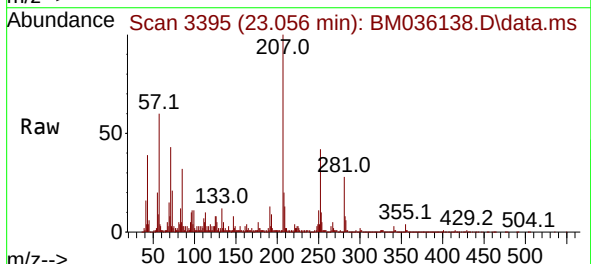
Instrument :
 BNA_M
 ClientSampleId :
 RVE-164

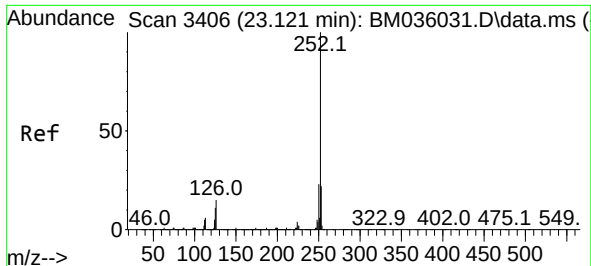
Tgt Ion:264 Resp: 1207923
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.3 17.5 26.3



#88
 Benzo(b)fluoranthene
 Concen: 3.381 ng
 RT: 23.056 min Scan# 3395
 Delta R.T. -0.012 min
 Lab File: BM036138.D
 Acq: 06 Aug 2022 02:44

Tgt Ion:252 Resp: 239304
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.6 26.4
 125 18.2 7.6 11.4#

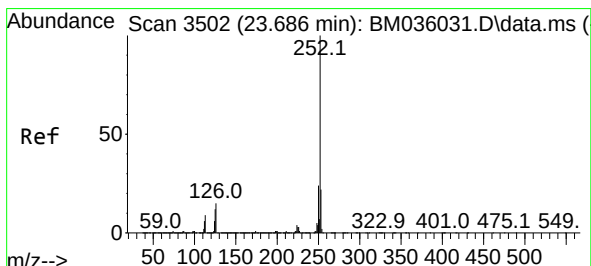
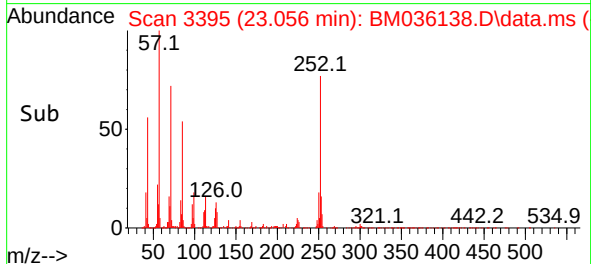
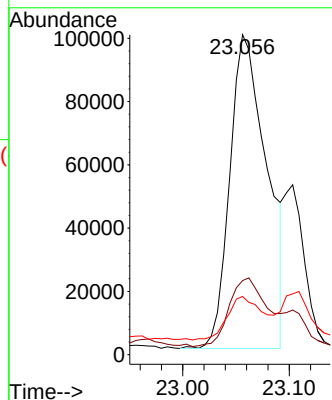
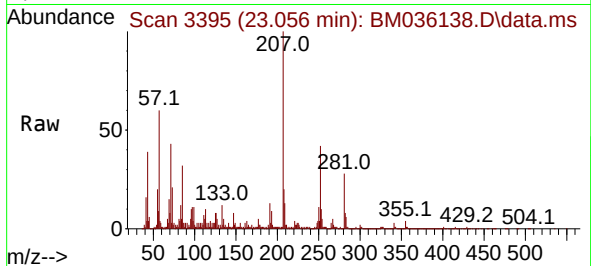




#89
Benzo(k)fluoranthene
Concen: 3.348 ng
RT: 23.056 min Scan# 31
Delta R.T. -0.059 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

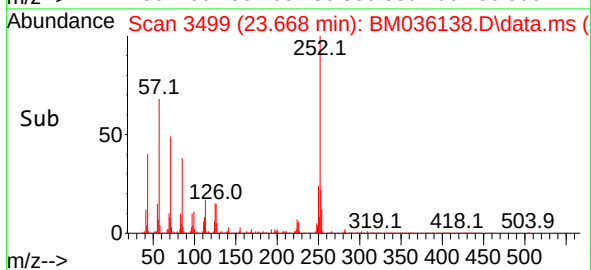
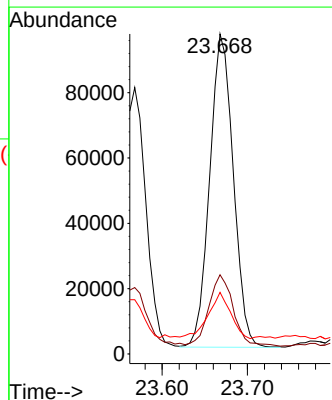
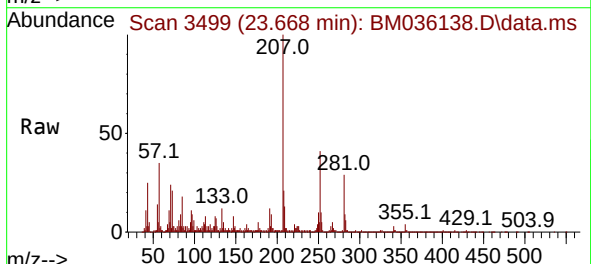
Instrument :
BNA_M
ClientSampleId :
RVE-164

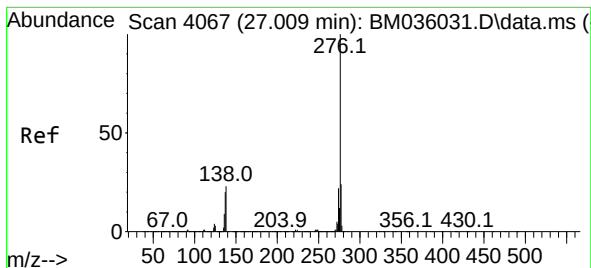
Tgt Ion:252 Resp: 239304
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 18.2 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 3.110 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Tgt Ion:252 Resp: 184655
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 19.3 8.7 13.1#





#92

Benzo(g,h,i)perylene

Concen: 2.441 ng

RT: 26.979 min Scan# 40

Delta R.T. -0.018 min

Lab File: BM036138.D

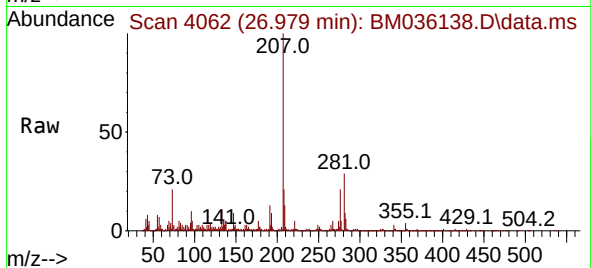
Acq: 06 Aug 2022 02:44

Instrument :

BNA_M

ClientSampleId :

RVE-164



Tgt Ion:276 Resp: 167940

Ion Ratio Lower Upper

276 100

277 25.1 18.7 28.1

138 23.8 17.6 26.4

