

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036163.D
 Acq On : 09 Aug 2022 02:45
 Operator : CG/JU
 Sample : N3962-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-192

Quant Time: Aug 09 04:18:15 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 08 23:36:56 2022
 Response via : Initial Calibration

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

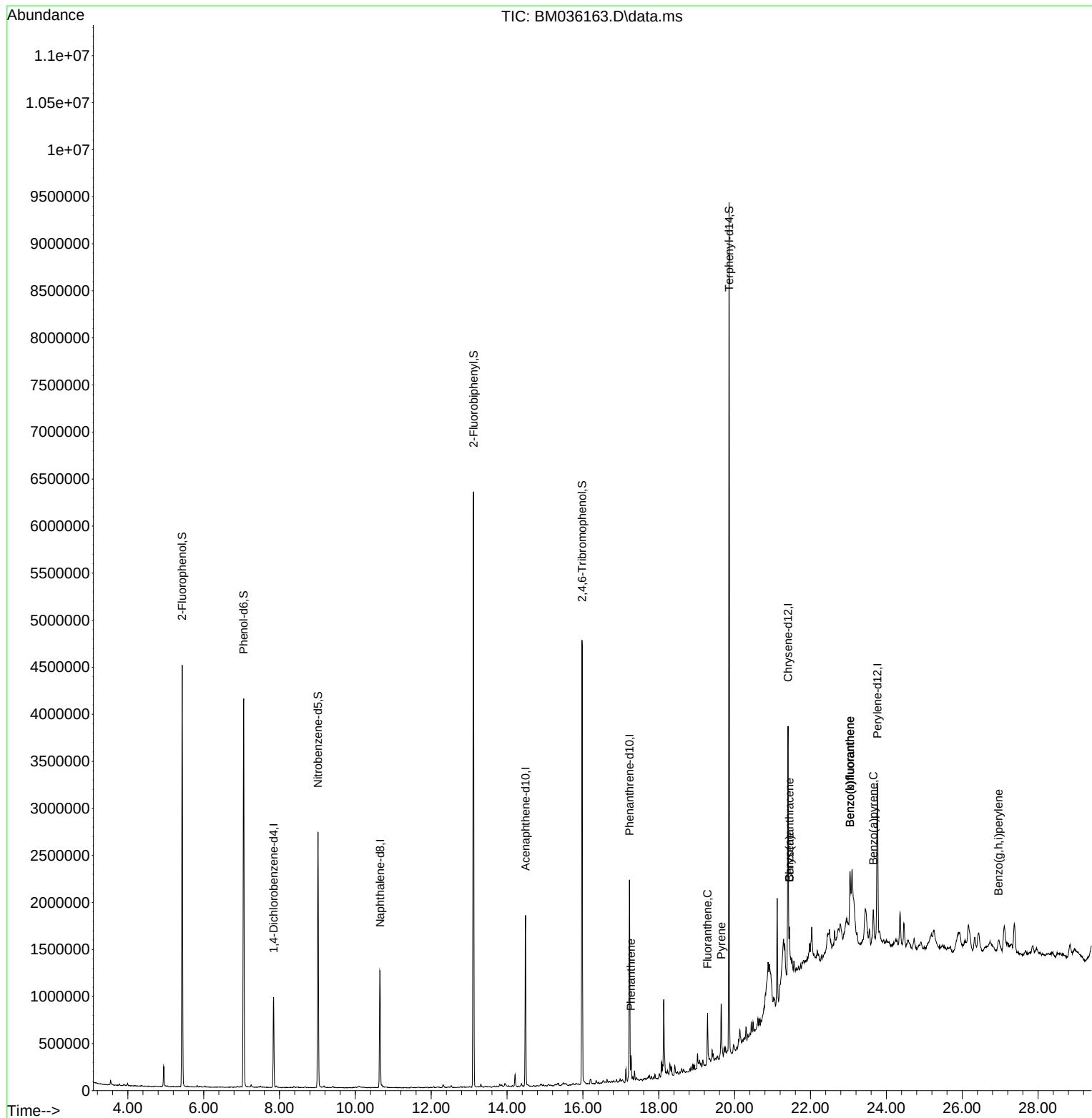
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	259166	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1066829	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	613754	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1196419	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1110427	20.000	ng	-0.01
86) Perylene-d12	23.762	264	1184960	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1940422	121.387	ng	0.00
7) Phenol-d6	7.057	99	2427555	119.347	ng	0.00
23) Nitrobenzene-d5	9.016	82	1498696	78.637	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	880067	122.229	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	3211923	77.267	ng	0.00
79) Terphenyl-d14	19.857	244	4399986	78.157	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.269	178	135502	2.223	ng	99
75) Fluoranthene	19.286	202	232284	3.404	ng	97
78) Pyrene	19.645	202	342272	4.971	ng	99
81) Benzo(a)anthracene	21.445	228	182160	2.663	ng	95
83) Chrysene	21.445	228	182160	2.802	ng	98
88) Benzo(b)fluoranthene	23.045	252	278915	4.017	ng	# 87
89) Benzo(k)fluoranthene	23.045	252	278915	3.978	ng	# 87
90) Benzo(a)pyrene	23.656	252	171062	2.937	ng	# 91
92) Benzo(g,h,i)perylene	26.962	276	157919	2.340	ng	94

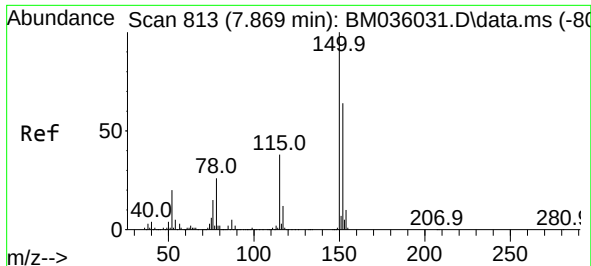
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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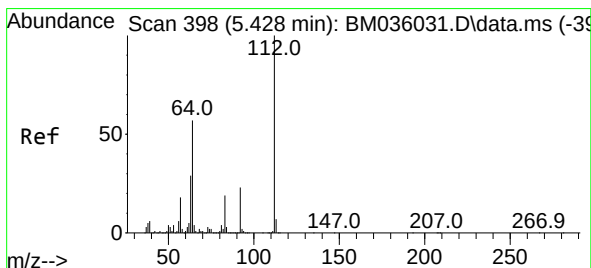
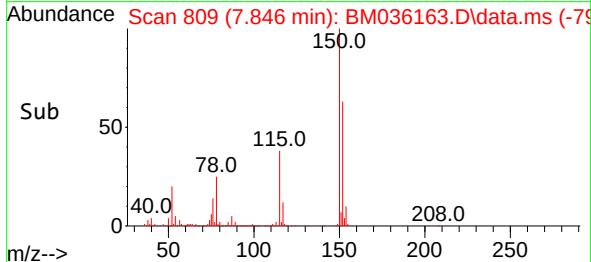
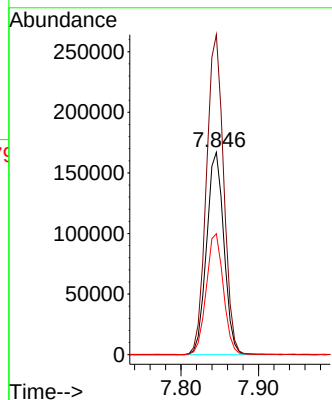
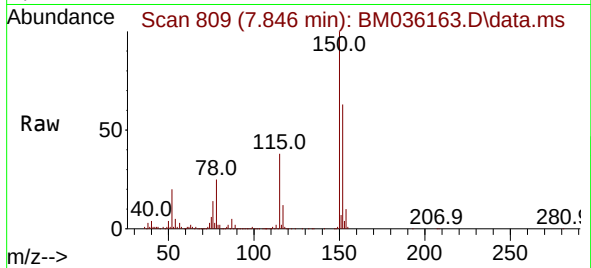




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 809
Delta R.T. 0.001 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

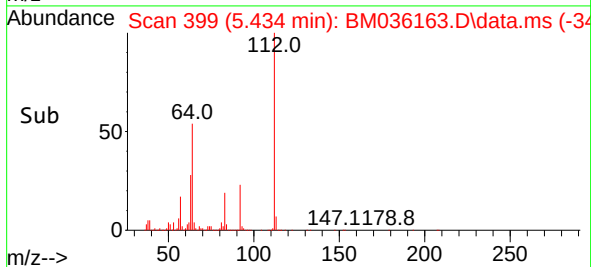
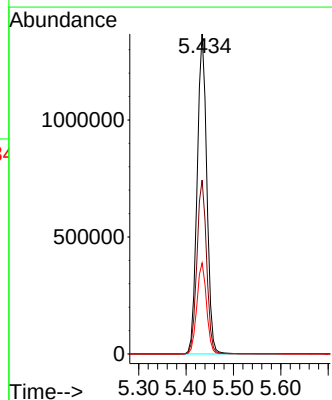
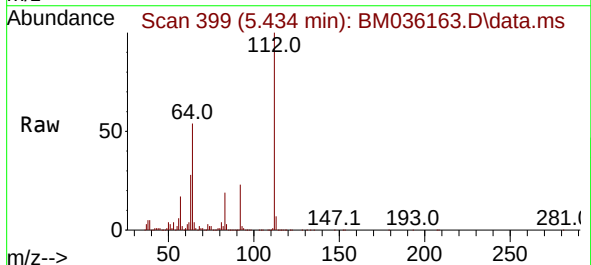
Instrument :
BNA_M
ClientSampleId :
RVE-192

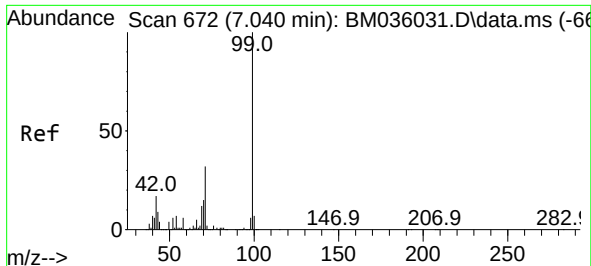
Tgt Ion:152 Resp: 259166
Ion Ratio Lower Upper
152 100
150 158.1 124.9 187.3
115 59.8 47.9 71.9



#5
2-Fluorophenol
Concen: 121.387 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

Tgt Ion:112 Resp: 1940422
Ion Ratio Lower Upper
112 100
64 54.3 47.8 71.6
63 28.4 26.6 40.0

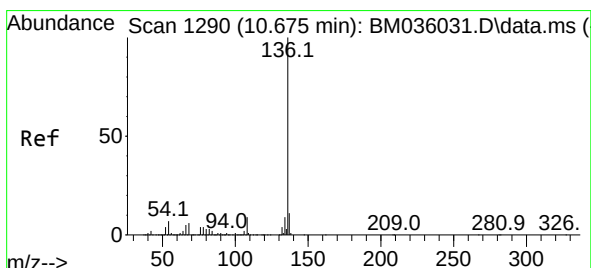
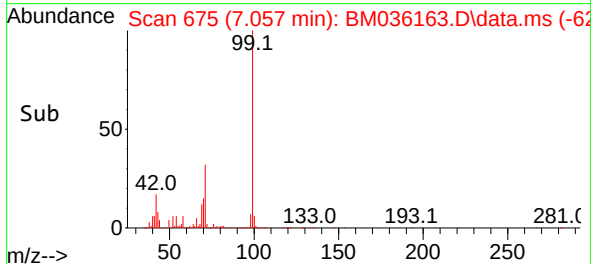
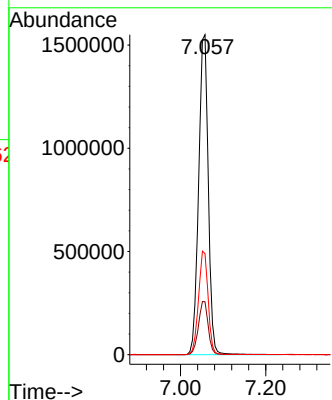
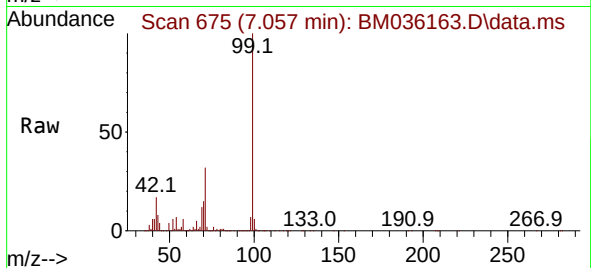




#7
Phenol-d6
Concen: 119.347 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

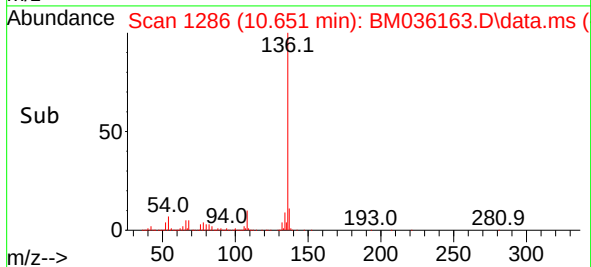
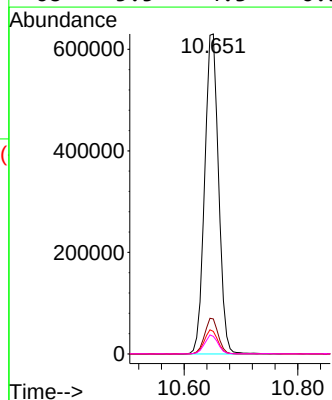
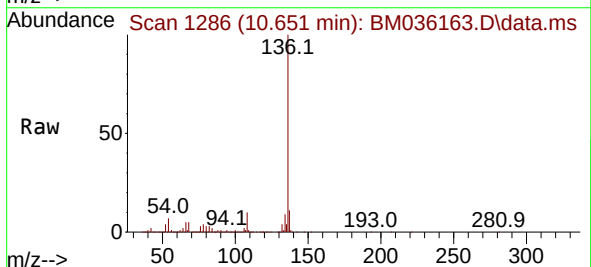
Instrument :
BNA_M
ClientSampleId :
RVE-192

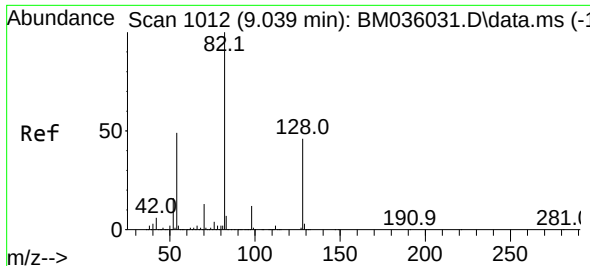
Tgt Ion: 99 Resp: 2427555
Ion Ratio Lower Upper
99 100
42 16.6 18.8 28.2#
71 31.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

Tgt Ion: 136 Resp: 1066829
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 7.0 10.4
68 5.5 4.3 6.5

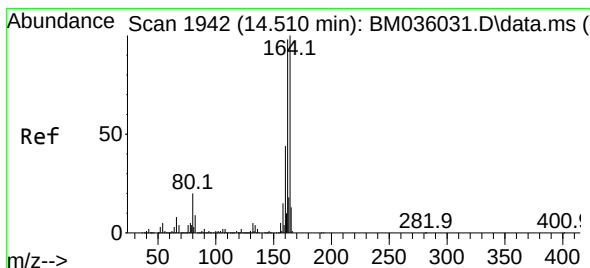
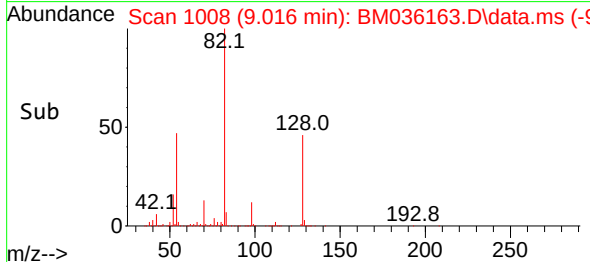
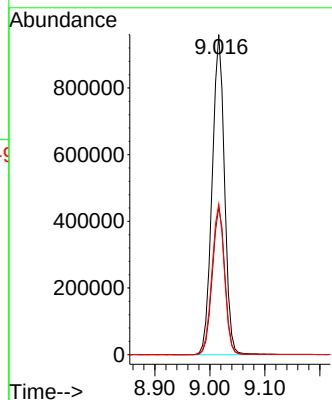
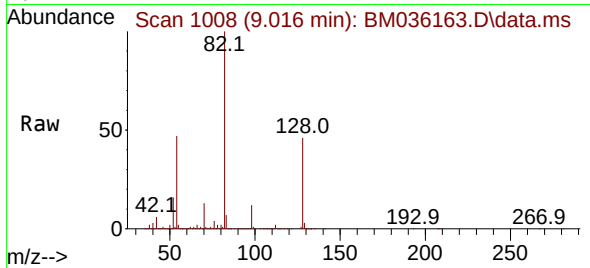




#23
 Nitrobenzene-d5
 Concen: 78.637 ng
 RT: 9.016 min Scan# 1012
 Delta R.T. -0.006 min
 Lab File: BM036163.D
 Acq: 09 Aug 2022 02:45

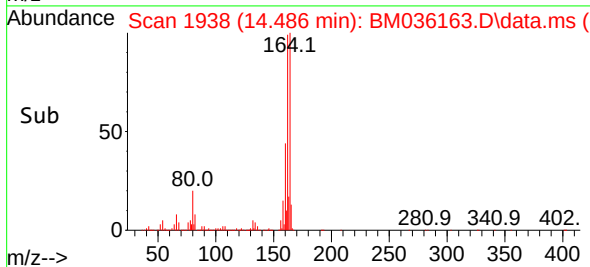
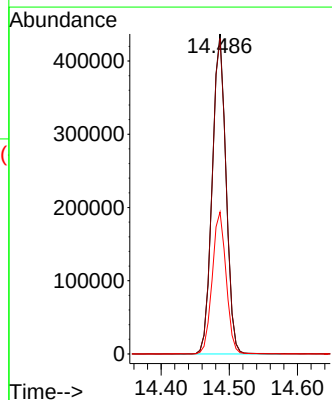
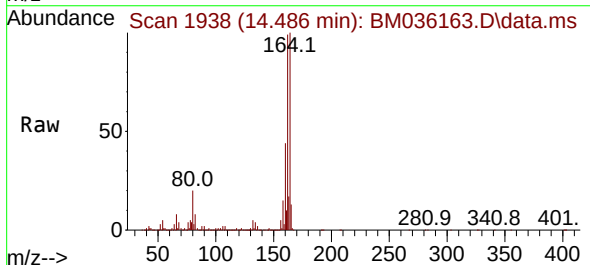
Instrument :
 BNA_M
 ClientSampleId :
 RVE-192

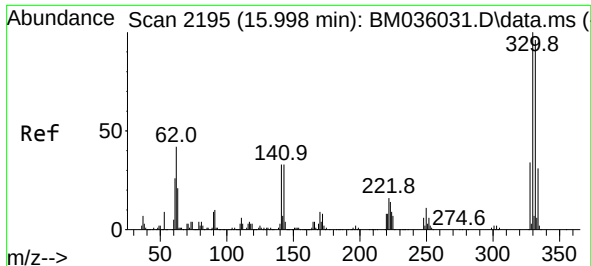
Tgt Ion: 82 Resp: 1498696
 Ion Ratio Lower Upper
 82 100
 128 46.1 33.7 50.5
 54 47.1 43.2 64.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.486 min Scan# 1938
 Delta R.T. -0.006 min
 Lab File: BM036163.D
 Acq: 09 Aug 2022 02:45

Tgt Ion: 164 Resp: 613754
 Ion Ratio Lower Upper
 164 100
 162 98.6 83.0 124.6
 160 44.4 37.0 55.4

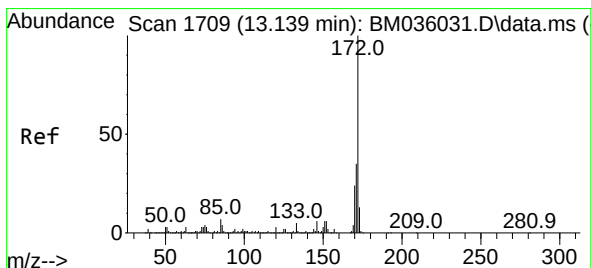
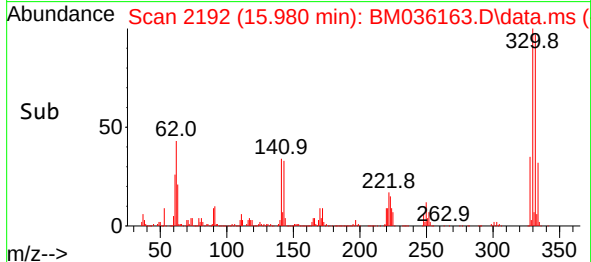
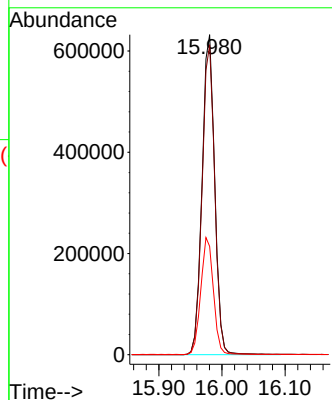
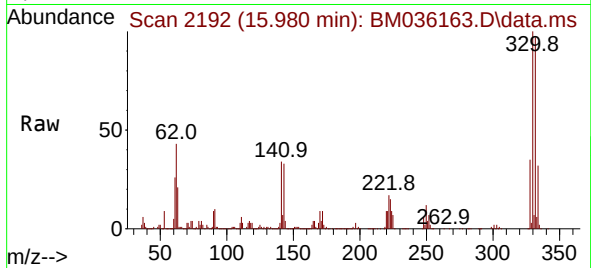




#42
2,4,6-Tribromophenol
Concen: 122.229 ng
RT: 15.980 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

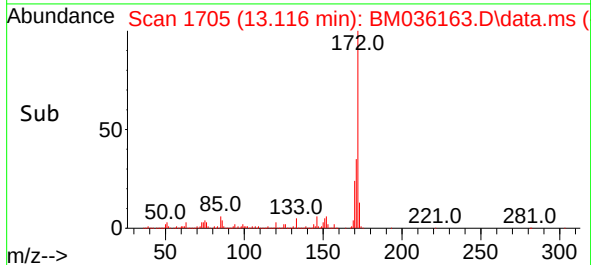
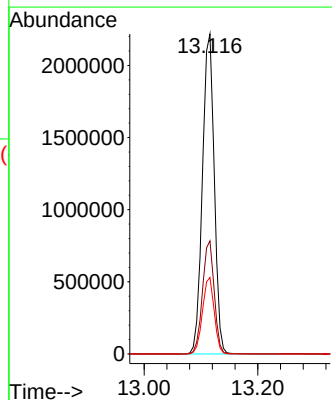
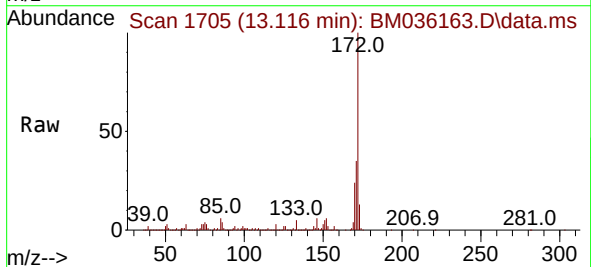
Instrument :
BNA_M
ClientSampleId :
RVE-192

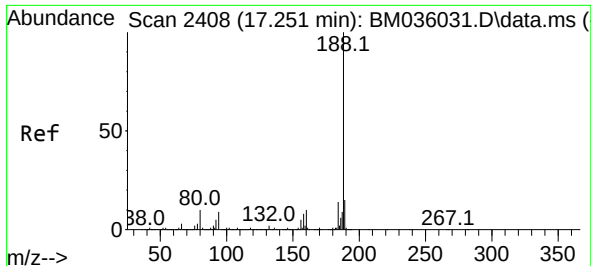
Tgt Ion:330 Resp: 880067
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 36.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 77.267 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

Tgt Ion:172 Resp: 3211923
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.9 18.7 28.1

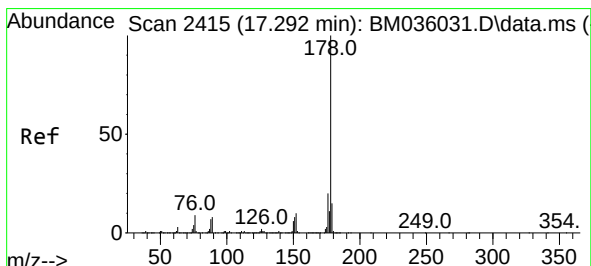
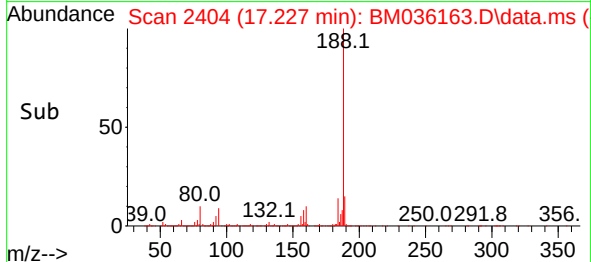
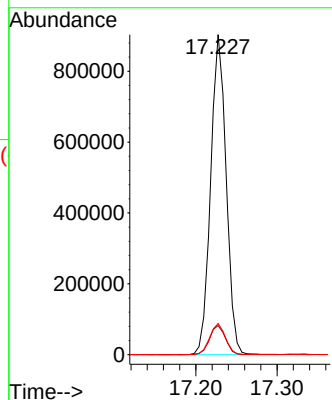
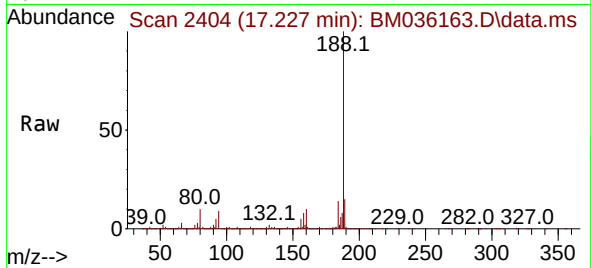




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

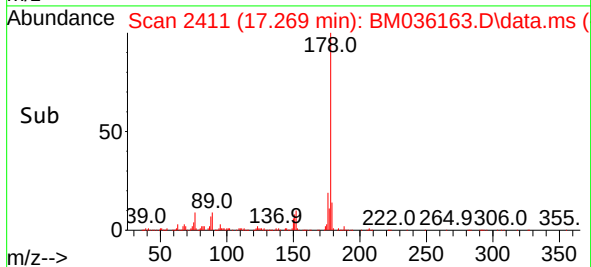
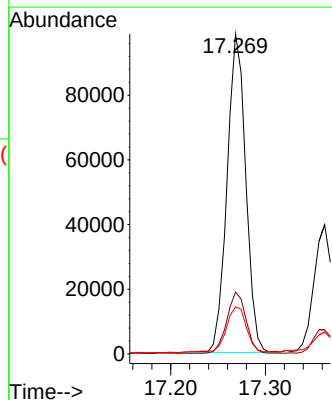
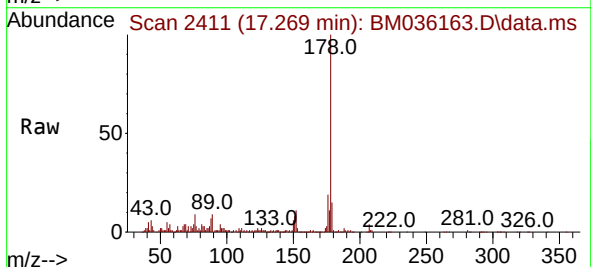
Instrument :
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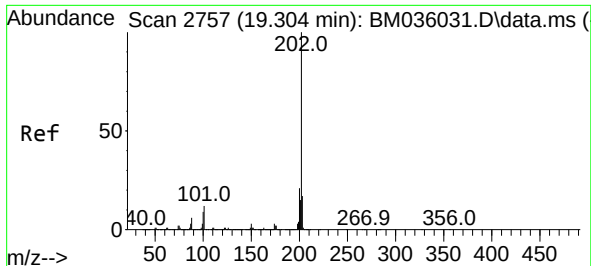
Tgt Ion:188 Resp: 1196419
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.8 7.6 11.4



#71
Phenanthrene
Concen: 2.223 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

Tgt Ion:178 Resp: 135502
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 14.7 12.4 18.6

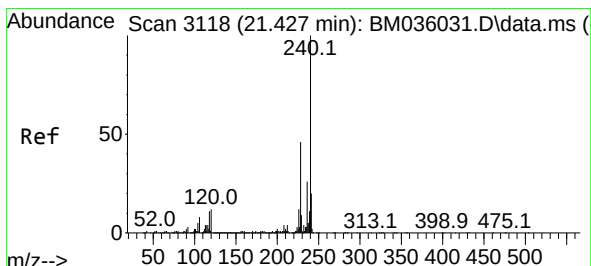
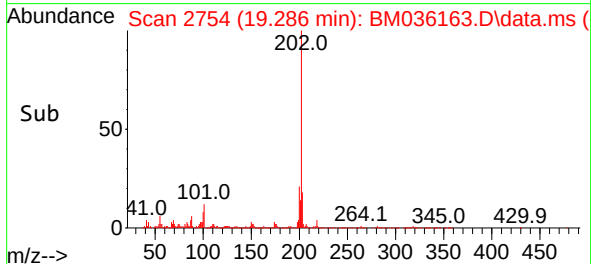
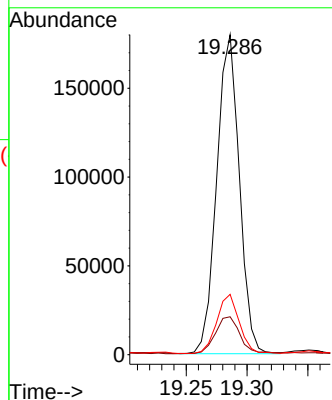
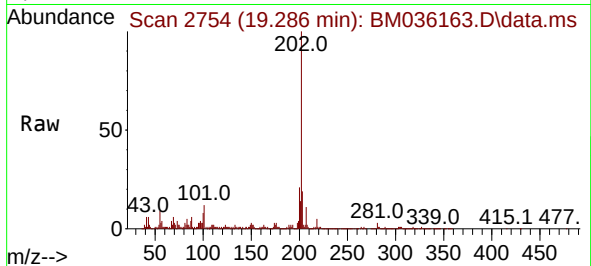




#75
Fluoranthene
Concen: 3.404 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

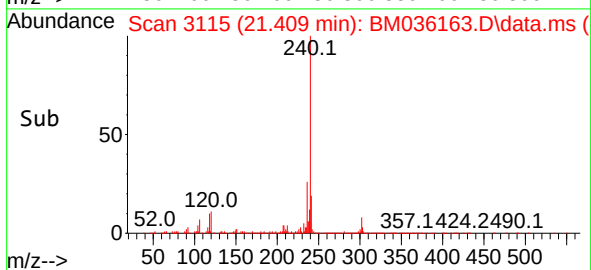
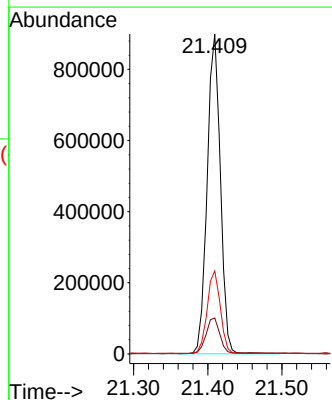
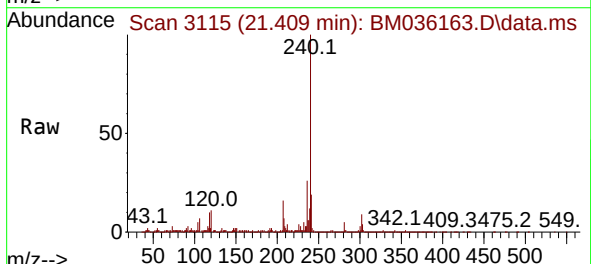
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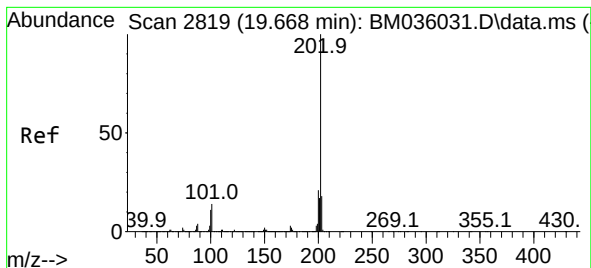
Tgt Ion:202 Resp: 232284
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.6
203 18.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

Tgt Ion:240 Resp: 1110427
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 26.0 20.6 30.8





#78

Pyrene

Concen: 4.971 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.011 min

Lab File: BM036163.D

Acq: 09 Aug 2022 02:45

Instrument :

BNA_M

ClientSampleId :

RVE-192

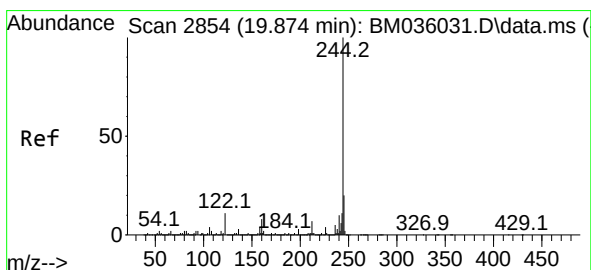
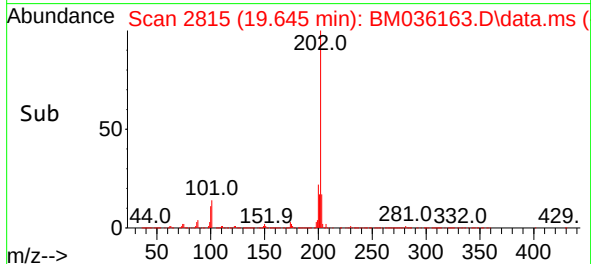
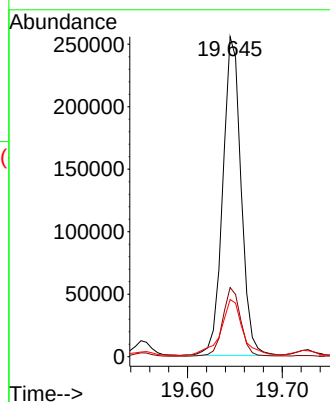
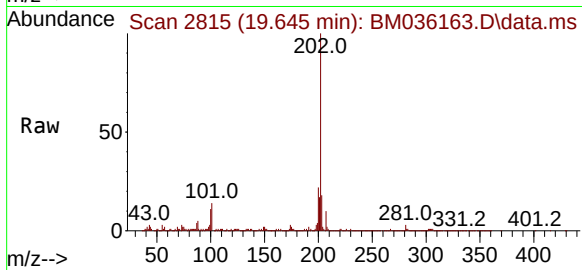
Tgt Ion:202 Resp: 342272

Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

203 17.8 13.9 20.9



#79

Terphenyl-d14

Concen: 78.157 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BM036163.D

Acq: 09 Aug 2022 02:45

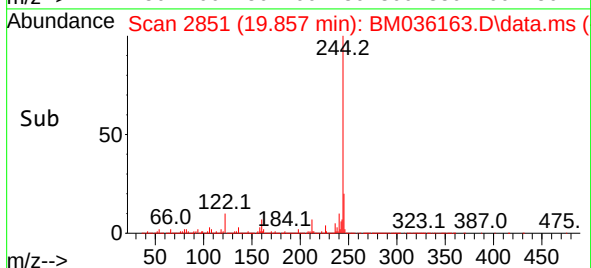
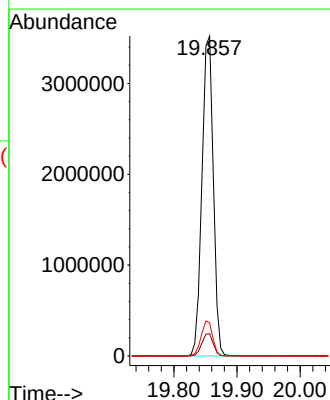
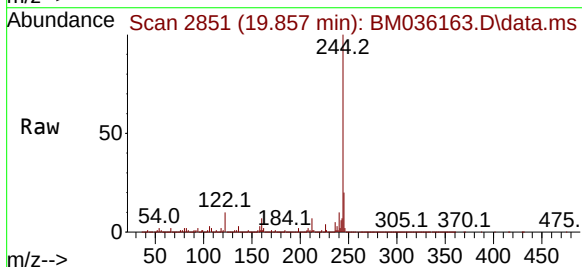
Tgt Ion:244 Resp: 4399986

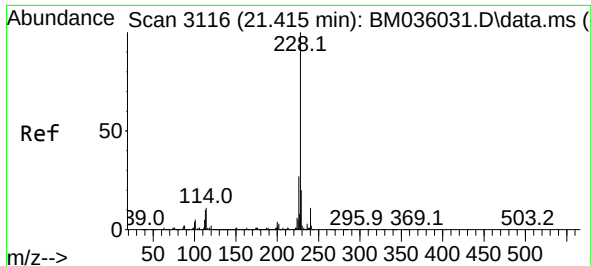
Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 10.4 8.3 12.5

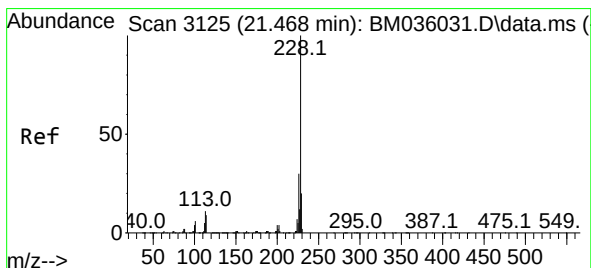
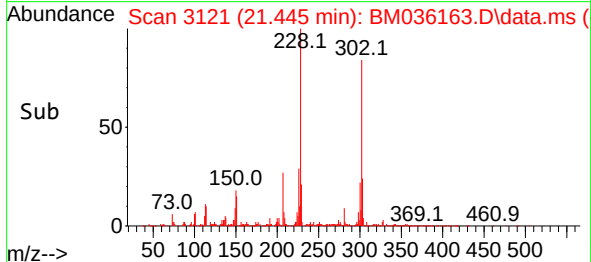
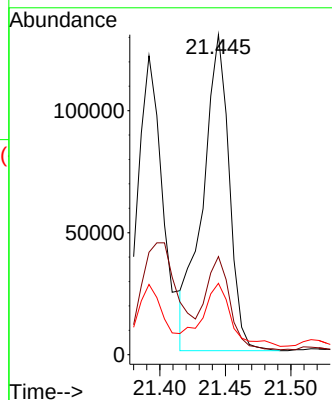
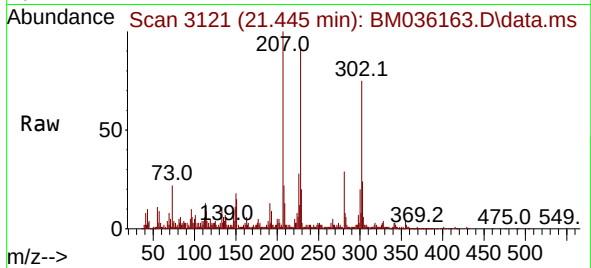




#81
Benzo(a)anthracene
Concen: 2.663 ng
RT: 21.445 min Scan# 3116
Delta R.T. 0.041 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

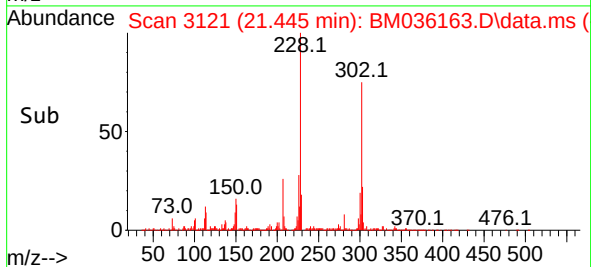
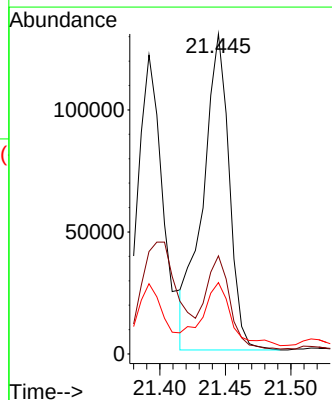
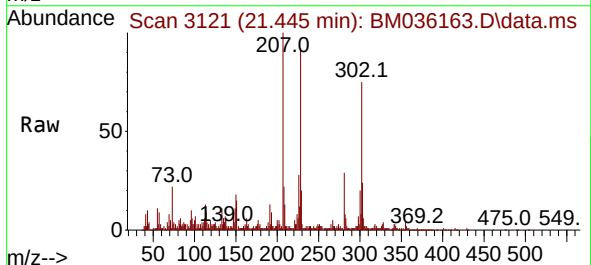
Instrument :
BNA_M
ClientSampleId :
RVE-192

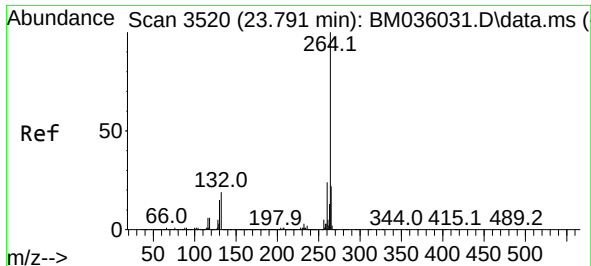
Tgt Ion:228 Resp: 182160
Ion Ratio Lower Upper
228 100
226 30.6 22.3 33.5
229 22.3 15.8 23.6



#83
Chrysene
Concen: 2.802 ng
RT: 21.445 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

Tgt Ion:228 Resp: 182160
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 22.3 15.8 23.8

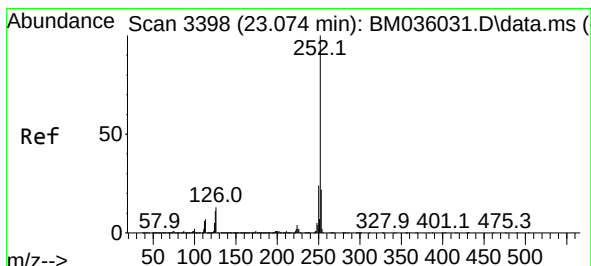
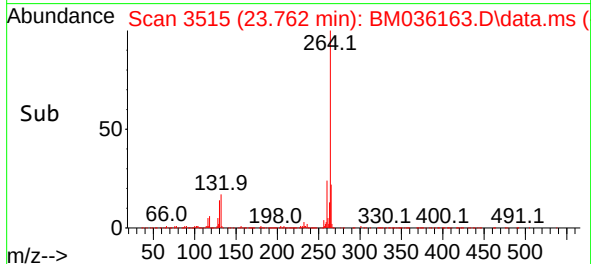
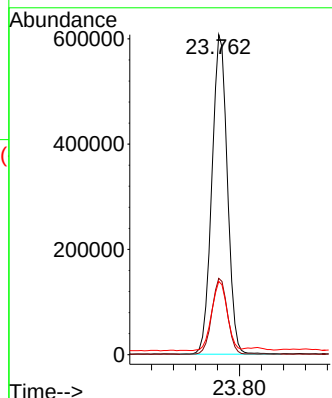
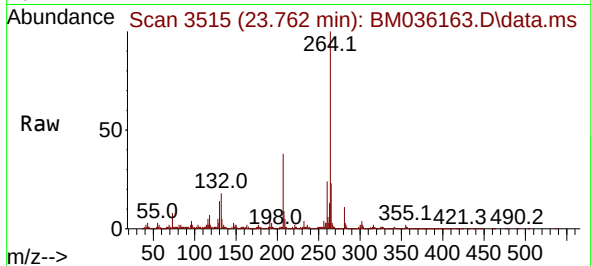




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

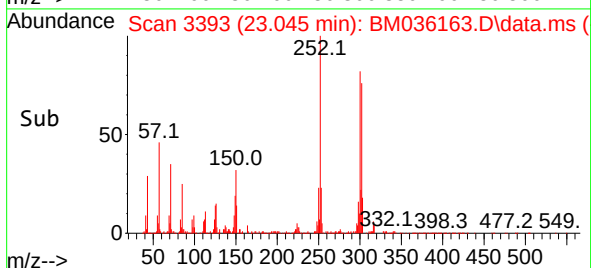
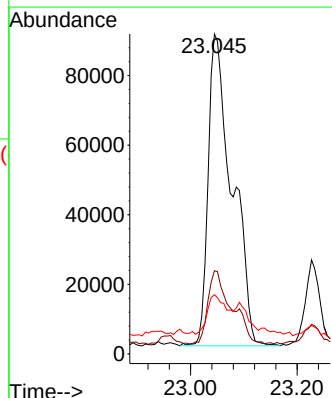
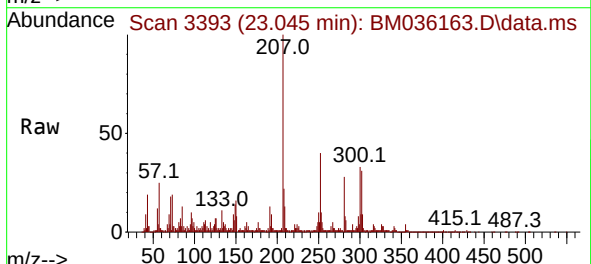
Instrument :
BNA_M
ClientSampleId :
RVE-192

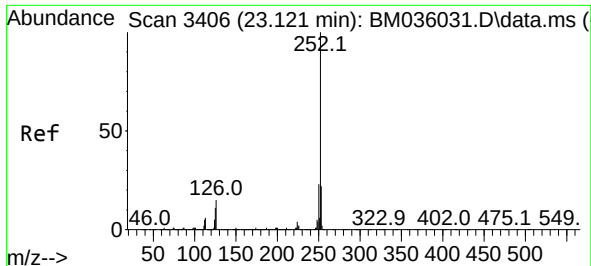
Tgt Ion:264 Resp: 1184960
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.9 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 4.017 ng
RT: 23.045 min Scan# 3393
Delta R.T. -0.017 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

Tgt Ion:252 Resp: 278915
Ion Ratio Lower Upper
252 100
253 26.0 17.6 26.4
125 18.5 7.6 11.4#

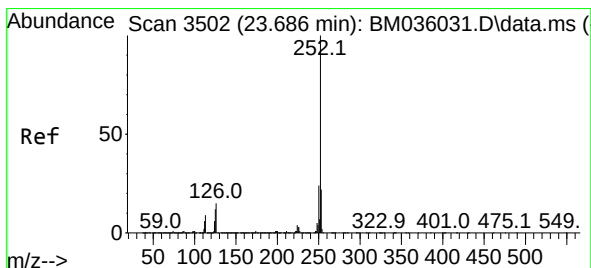
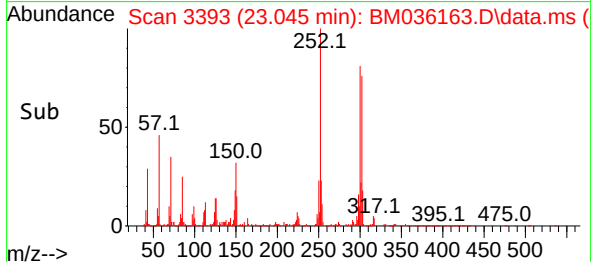
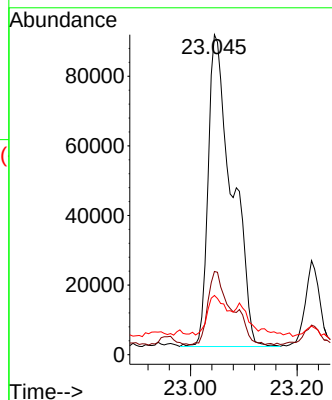
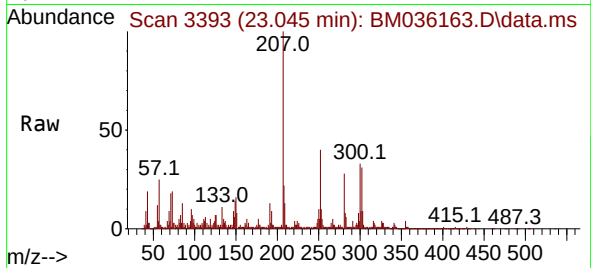




#89
Benzo(k)fluoranthene
Concen: 3.978 ng
RT: 23.045 min Scan# 31
Delta R.T. -0.064 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

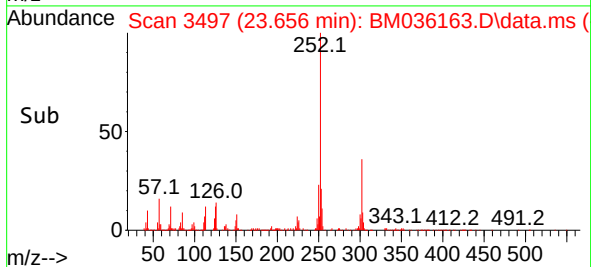
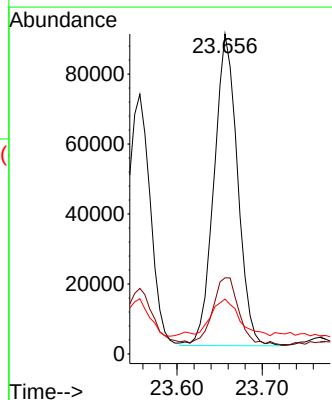
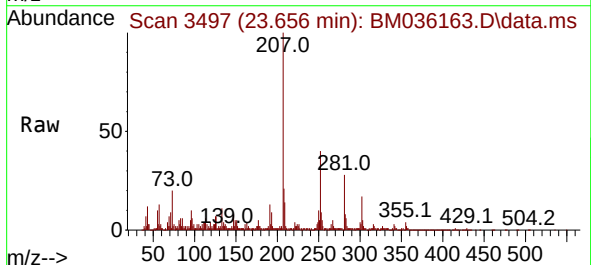
Instrument :
BNA_M
ClientSampleId :
RVE-192

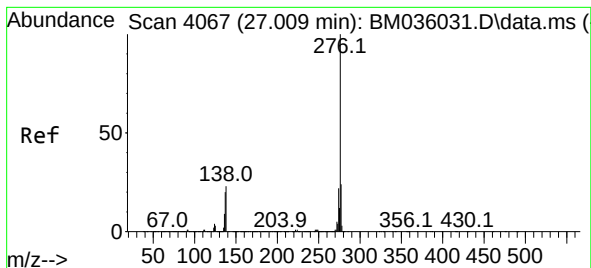
Tgt Ion:252 Resp: 278915
Ion Ratio Lower Upper
252 100
253 26.0 17.5 26.3
125 18.5 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 2.937 ng
RT: 23.656 min Scan# 3497
Delta R.T. -0.017 min
Lab File: BM036163.D
Acq: 09 Aug 2022 02:45

Tgt Ion:252 Resp: 171062
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 17.2 8.7 13.1#





#92

Benzo(g,h,i)perylene

Concen: 2.340 ng

RT: 26.962 min Scan# 40

Delta R.T. -0.029 min

Lab File: BM036163.D

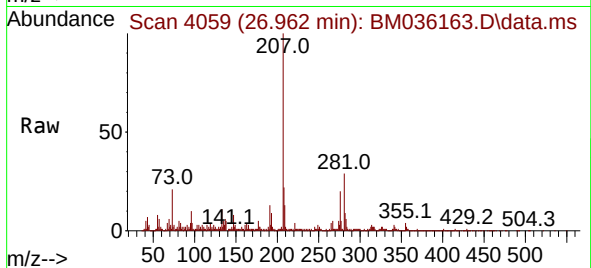
Acq: 09 Aug 2022 02:45

Instrument :

BNA_M

ClientSampleId :

RVE-192



Tgt Ion:276 Resp: 157919

Ion Ratio Lower Upper

276 100

277 26.7 18.7 28.1

138 24.8 17.6 26.4

