

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036158.D
 Acq On : 08 Aug 2022 23:40
 Operator : CG/JU
 Sample : N3961-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-180

Quant Time: Aug 09 00:20:44 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)

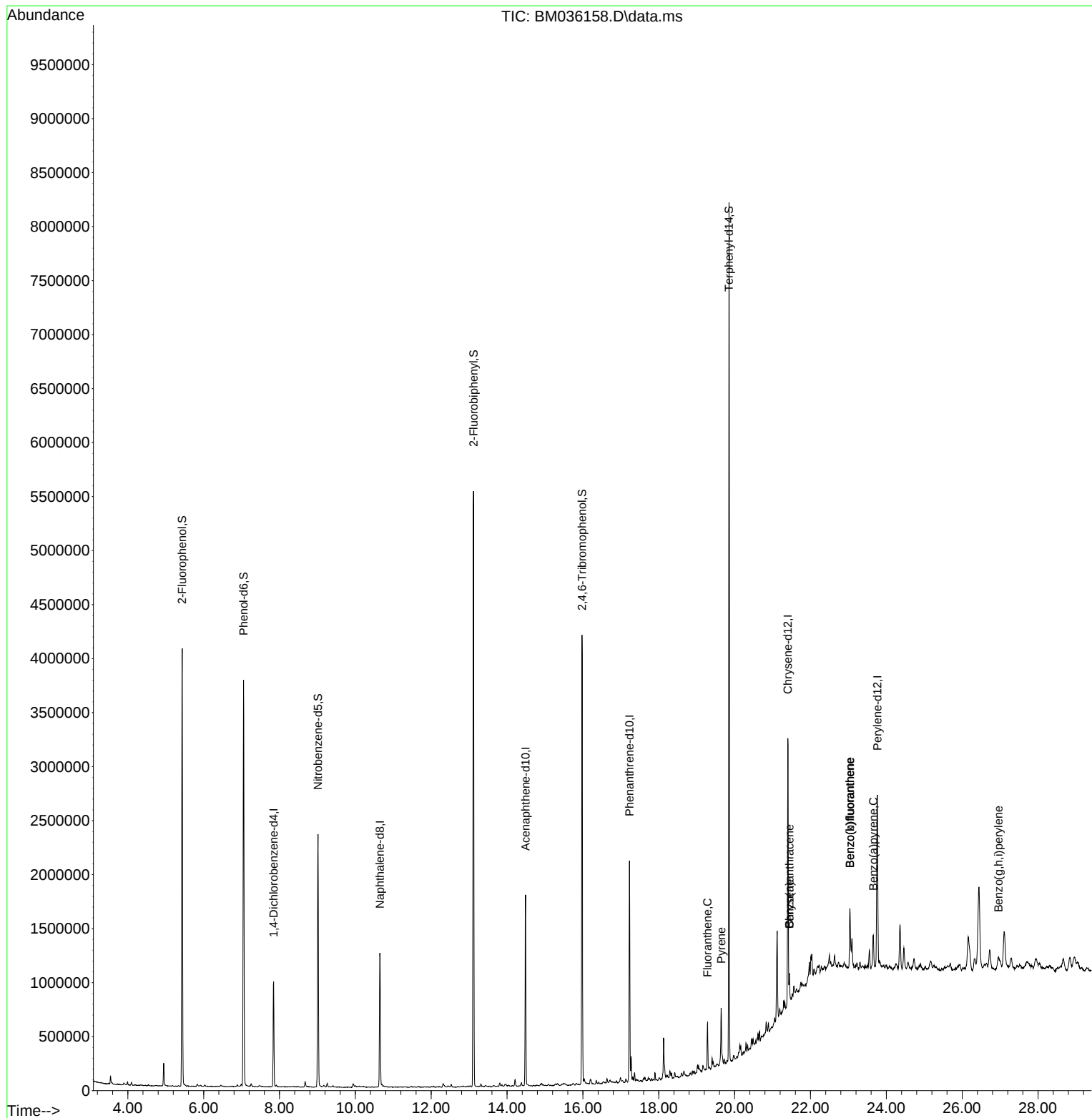
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	264808	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1050862	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	586111	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1152366	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1090186	20.000	ng	-0.02
86) Perylene-d12	23.762	264	1149656	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1763559	107.972	ng	0.00
7) Phenol-d6	7.051	99	2155689	103.723	ng	-0.01
23) Nitrobenzene-d5	9.016	82	1310809	69.824	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	752089	109.381	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	2784704	70.150	ng	0.00
79) Terphenyl-d14	19.851	244	3734677	67.570	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.286	202	235516	3.584	ng	99
78) Pyrene	19.645	202	306494	4.534	ng	99
81) Benzo(a)anthracene	21.445	228	159118	2.370	ng	94
83) Chrysene	21.445	228	159118	2.493	ng	97
88) Benzo(b)fluoranthene	23.044	252	292590	4.344	ng	# 96
89) Benzo(k)fluoranthene	23.044	252	292590	4.301	ng	# 96
90) Benzo(a)pyrene	23.656	252	154246	2.729	ng	# 95
92) Benzo(g,h,i)perylene	26.956	276	149615	2.285	ng	99

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

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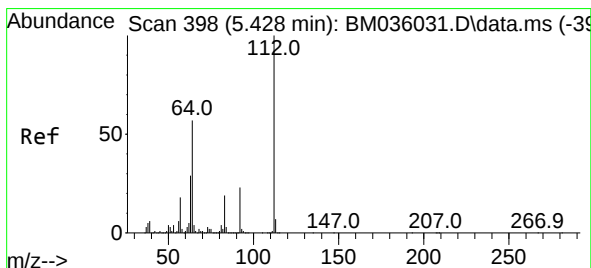
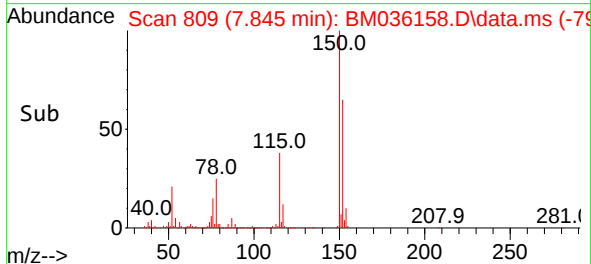
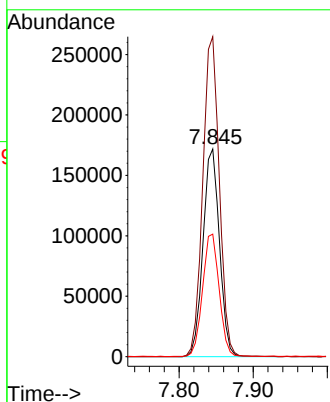
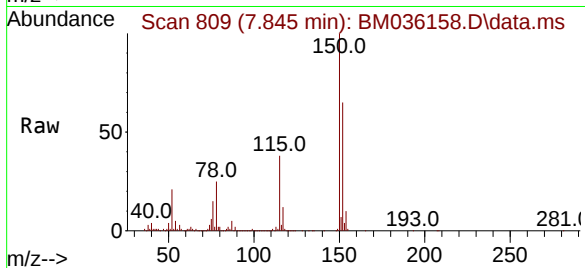




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

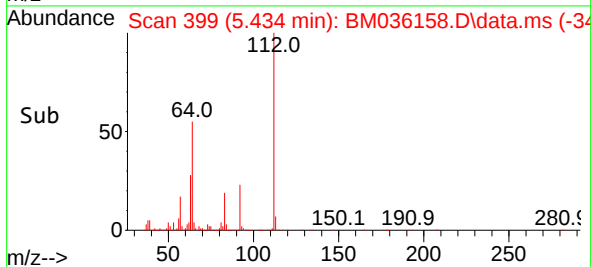
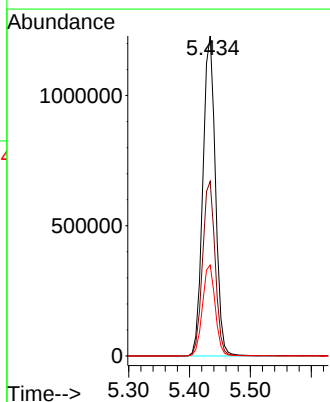
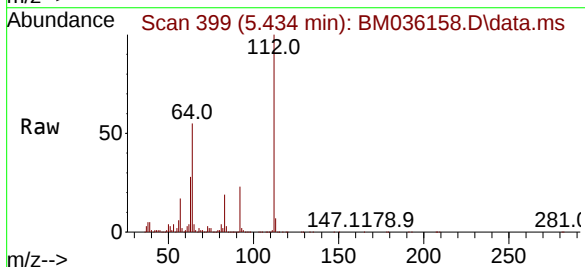
Instrument :
BNA_M
ClientSampleId :
RVE-180

Tgt Ion:152 Resp: 264808
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 59.0 47.9 71.9



#5
2-Fluorophenol
Concen: 107.972 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:112 Resp: 1763559
Ion Ratio Lower Upper
112 100
64 54.6 47.8 71.6
63 28.4 26.6 40.0

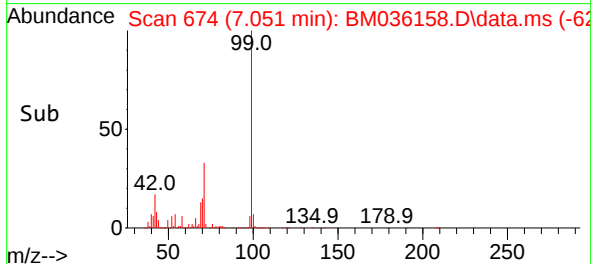
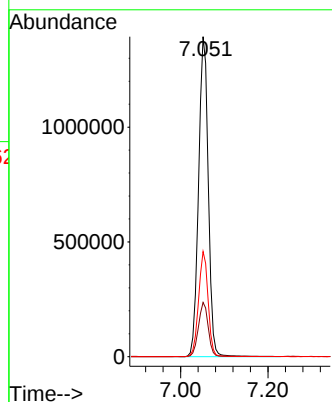
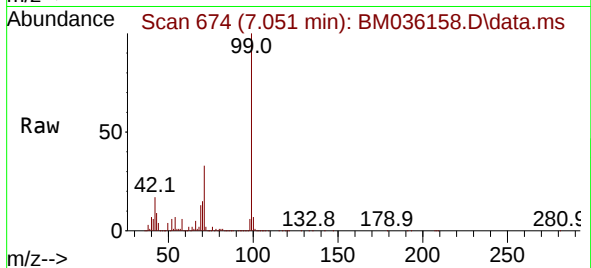




#7
Phenol-d6
Concen: 103.723 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

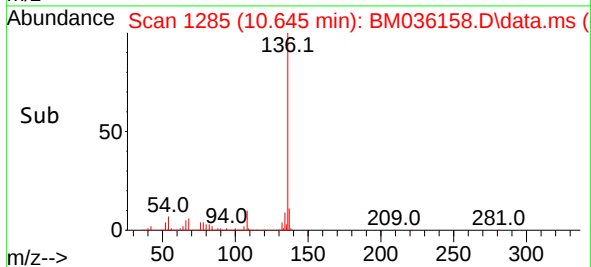
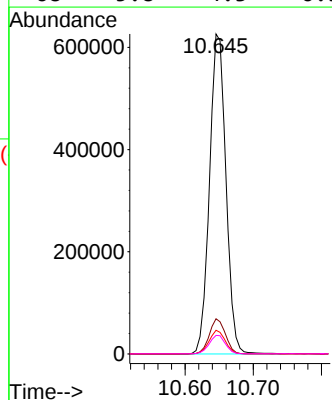
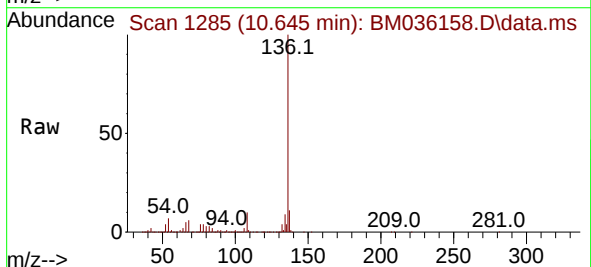
Instrument :
BNA_M
ClientSampleId :
RVE-180

Tgt Ion: 99 Resp: 2155689
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 32.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion: 136 Resp: 1050862
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 7.0 10.4
68 5.8 4.3 6.5

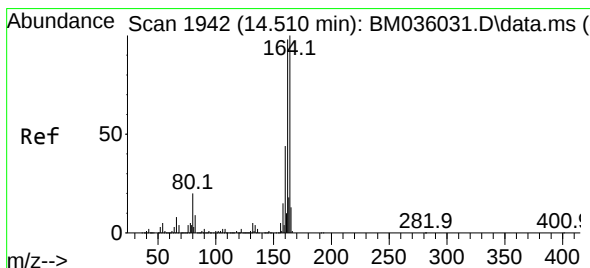
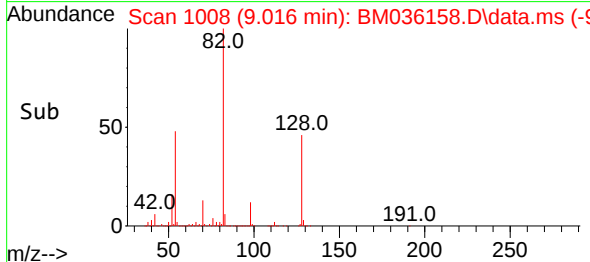
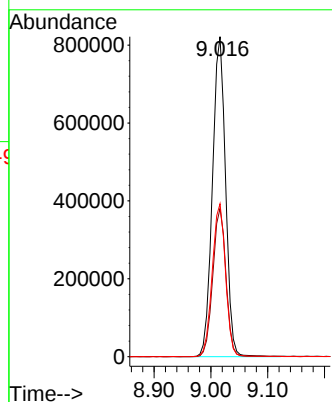
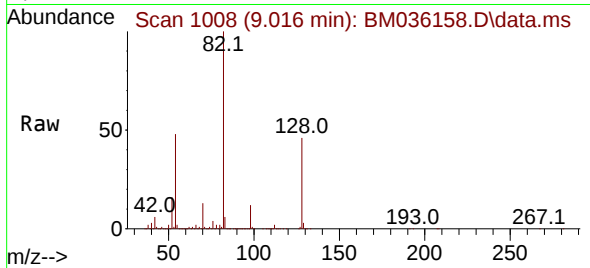




#23
Nitrobenzene-d5
Concen: 69.824 ng
RT: 9.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

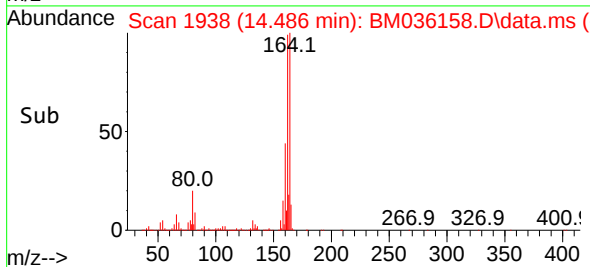
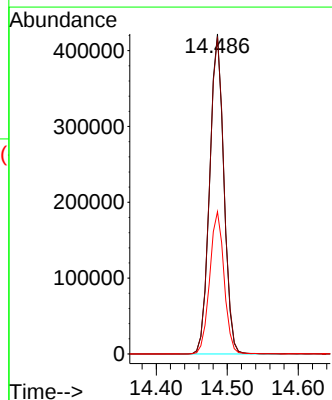
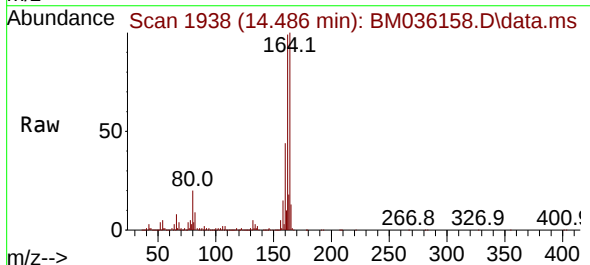
Instrument :
BNA_M
ClientSampleId :
RVE-180

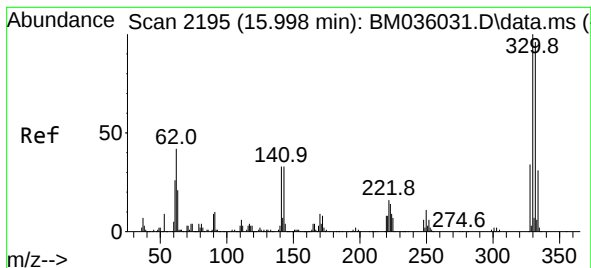
Tgt Ion: 82 Resp: 1310809
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 47.8 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:164 Resp: 586111
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.6
160 44.4 37.0 55.4

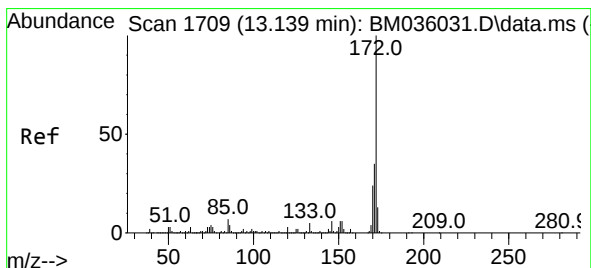
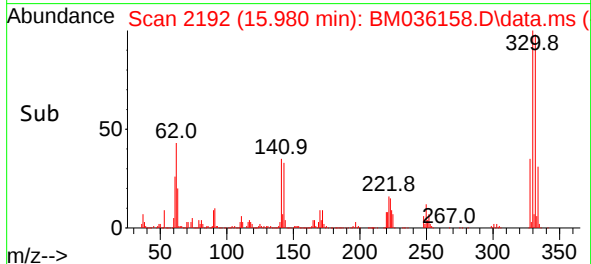
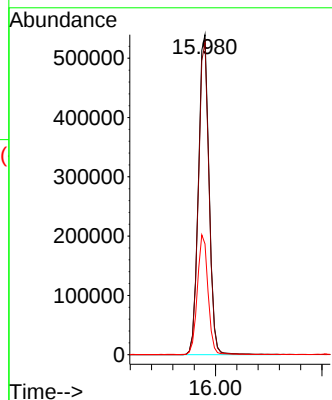
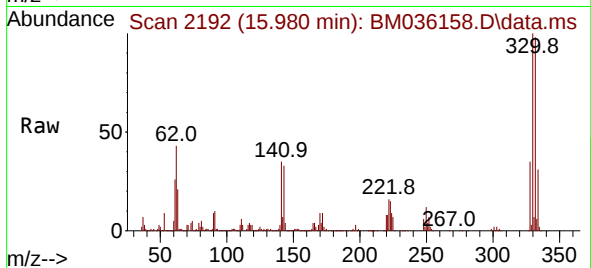




#42
2,4,6-Tribromophenol
Concen: 109.381 ng
RT: 15.980 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

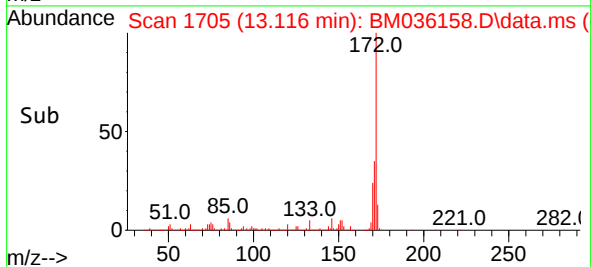
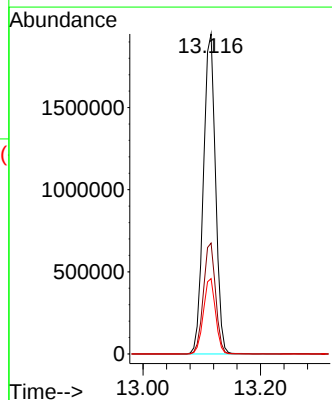
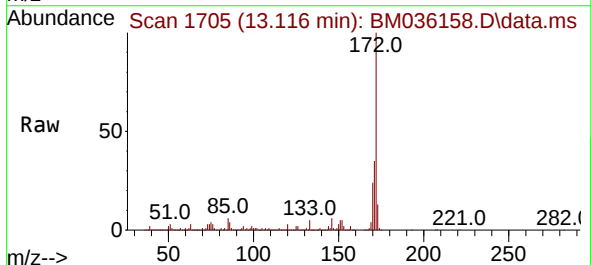
Instrument :
BNA_M
ClientSampleId :
RVE-180

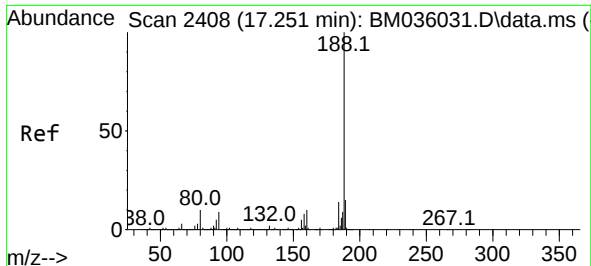
Tgt Ion:330 Resp: 752089
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 37.3 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 70.150 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:172 Resp: 2784704
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.5 18.7 28.1

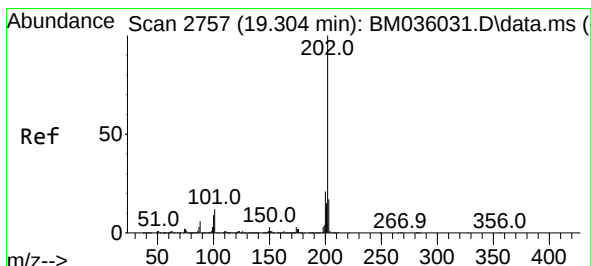
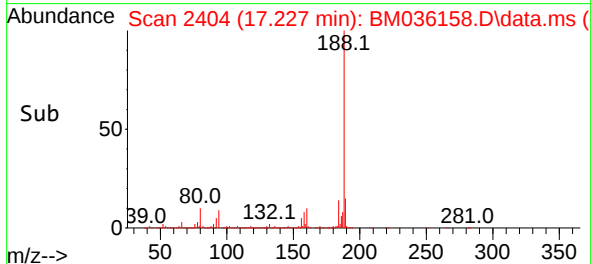
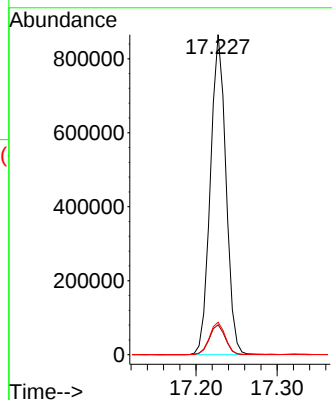
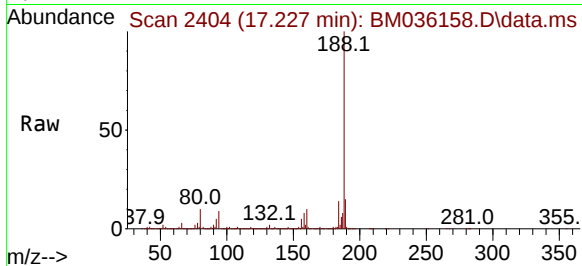




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

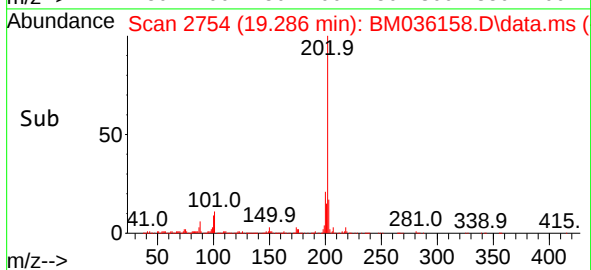
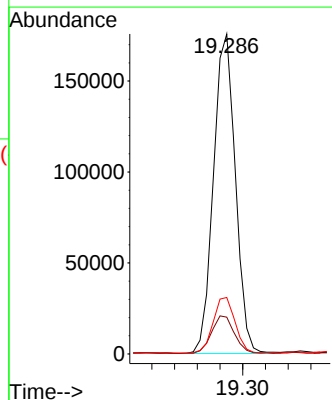
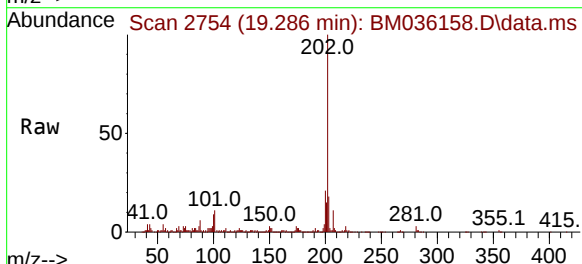
Instrument :
BNA_M
ClientSampleId :
RVE-180

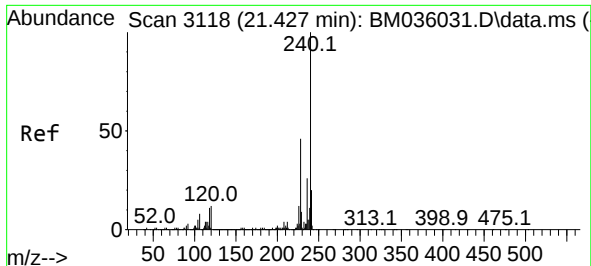
Tgt Ion:188 Resp: 1152366
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.2 7.6 11.4



#75
Fluoranthene
Concen: 3.584 ng
RT: 19.286 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:202 Resp: 235516
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.6
203 17.7 0.0 37.4

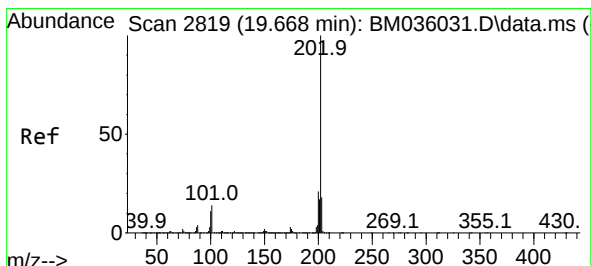
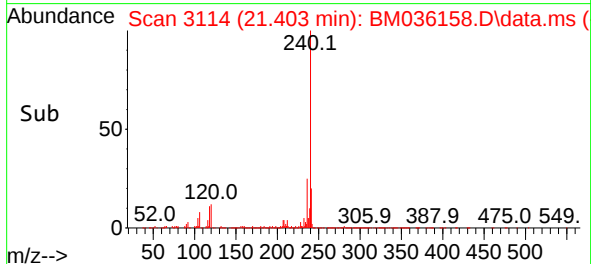
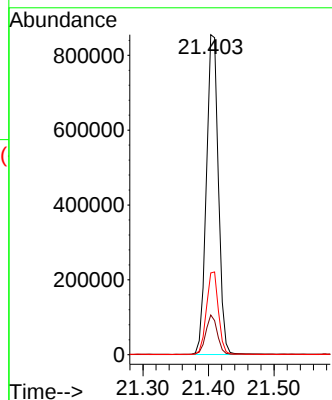
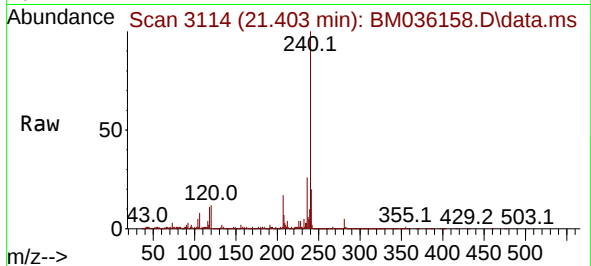




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3114
Delta R.T. -0.017 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

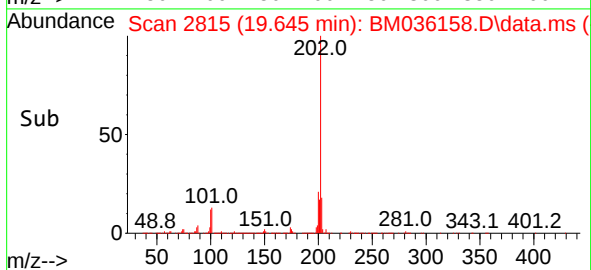
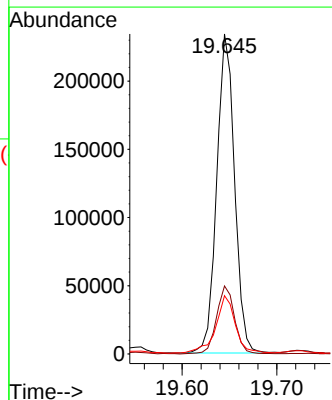
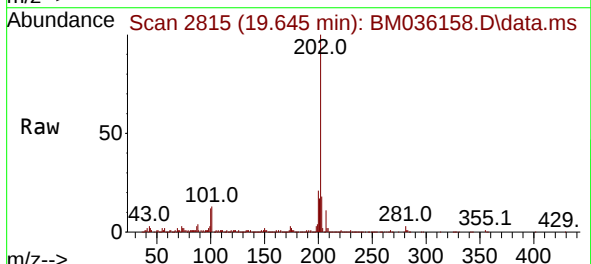
Instrument :
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ClientSampleId :
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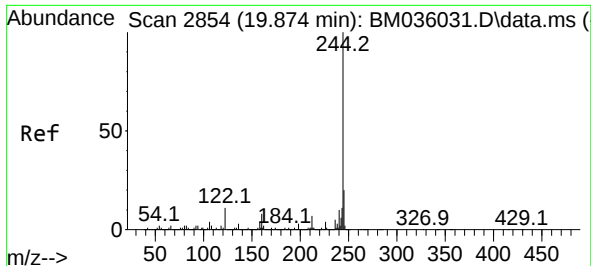
Tgt Ion:240 Resp: 1090186
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.0
236 25.6 20.6 30.8



#78
Pyrene
Concen: 4.534 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:202 Resp: 306494
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.2 13.9 20.9

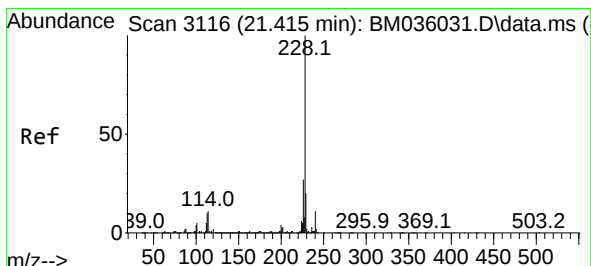
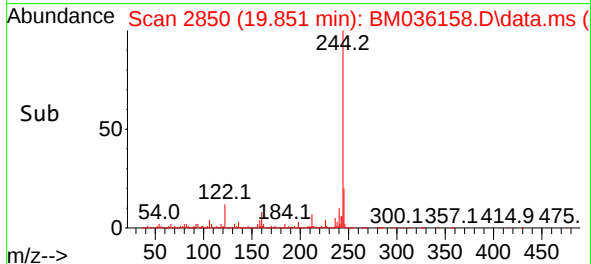
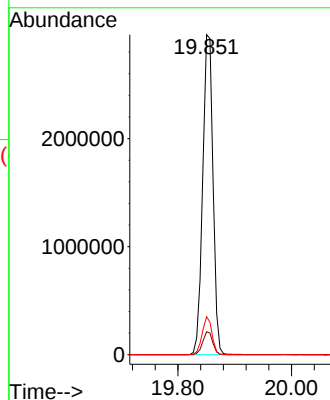
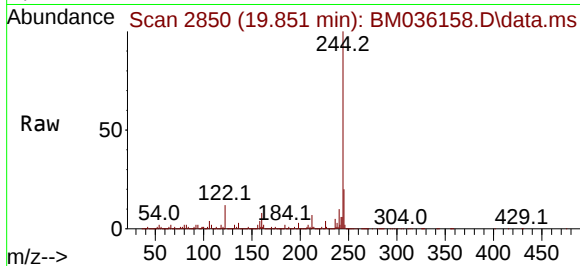




#79
 Terphenyl-d14
 Concen: 67.570 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM036158.D
 Acq: 08 Aug 2022 23:40

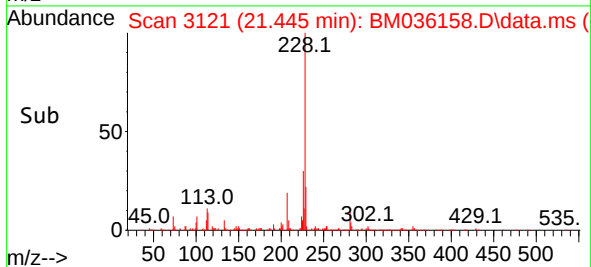
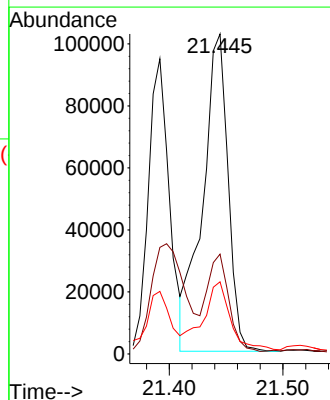
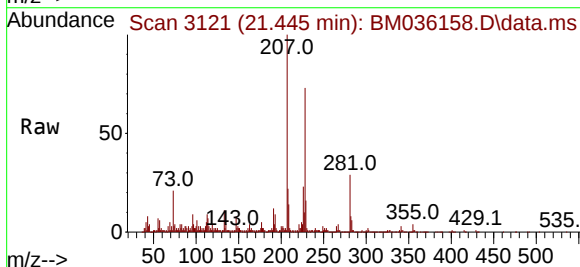
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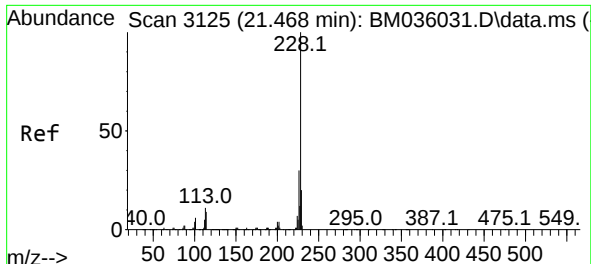
Tgt Ion:244 Resp: 3734677
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 11.9 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.370 ng
 RT: 21.445 min Scan# 3121
 Delta R.T. 0.041 min
 Lab File: BM036158.D
 Acq: 08 Aug 2022 23:40

Tgt Ion:228 Resp: 159118
 Ion Ratio Lower Upper
 228 100
 226 31.2 22.3 33.5
 229 22.6 15.8 23.6

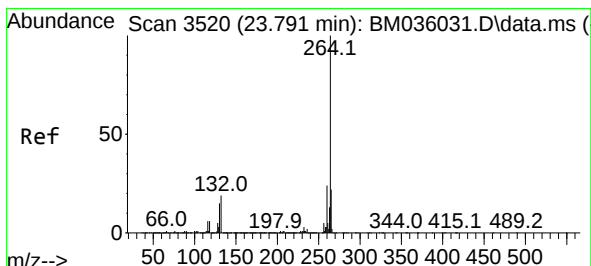
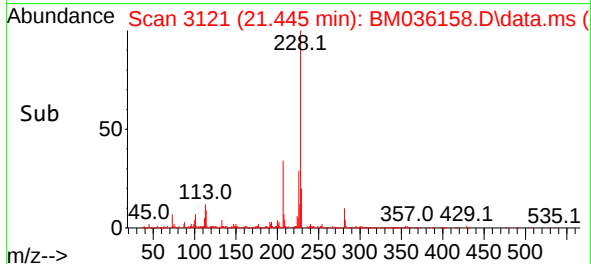
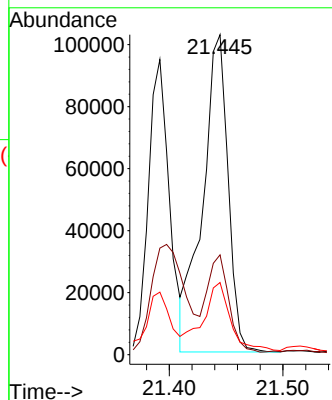
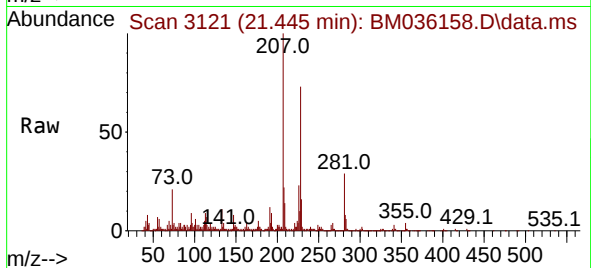




#83
Chrysene
Concen: 2.493 ng
RT: 21.445 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

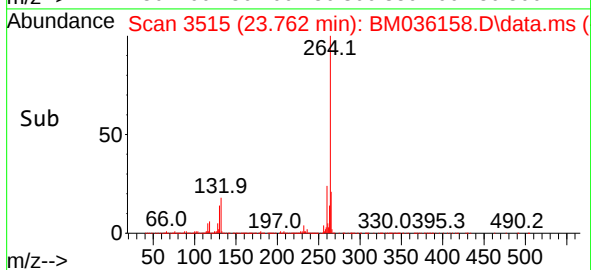
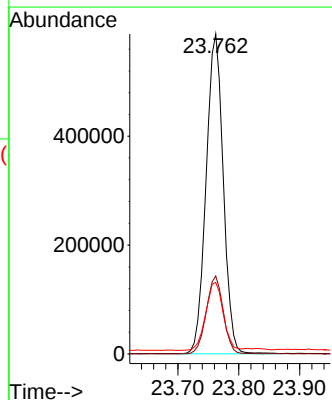
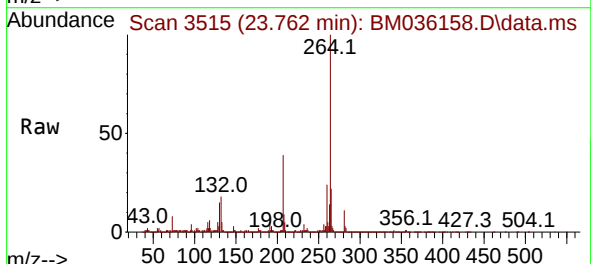
Instrument :
BNA_M
ClientSampleId :
RVE-180

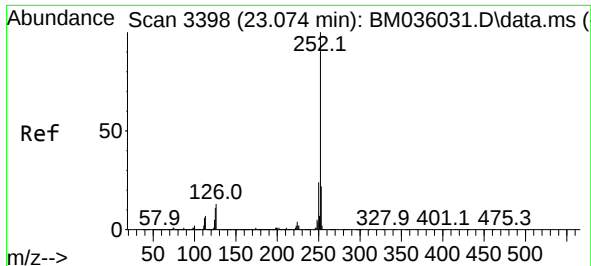
Tgt Ion:228 Resp: 159118
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 22.6 15.8 23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:264 Resp: 1149656
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 22.4 17.5 26.3

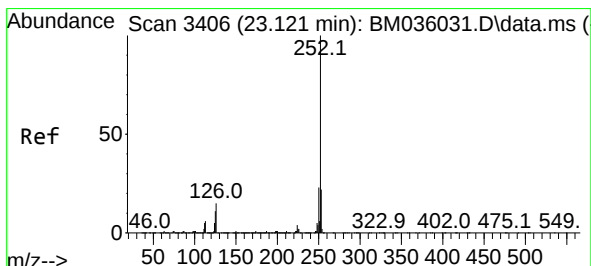
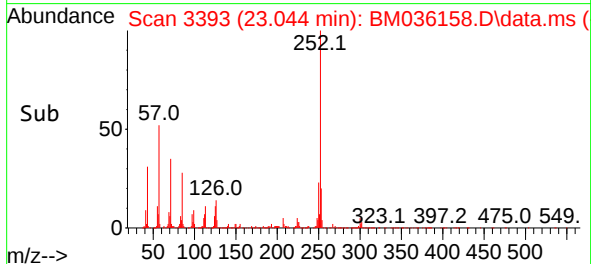
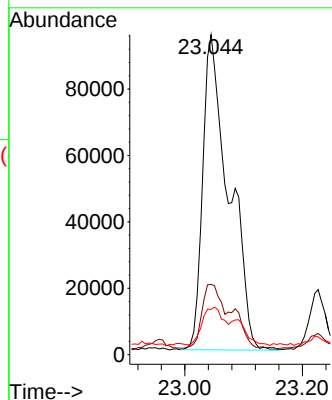
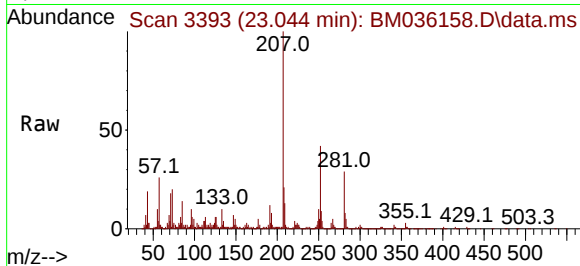




#88
Benzo(b)fluoranthene
Concen: 4.344 ng
RT: 23.044 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

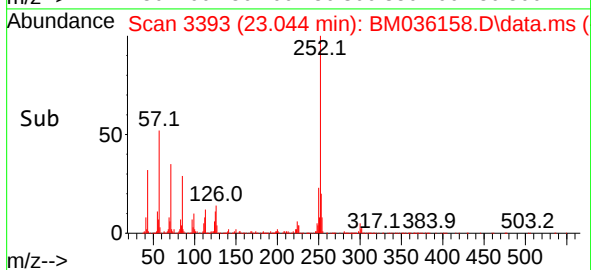
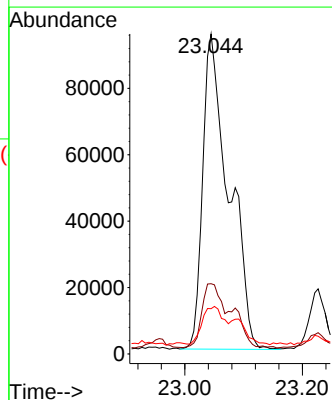
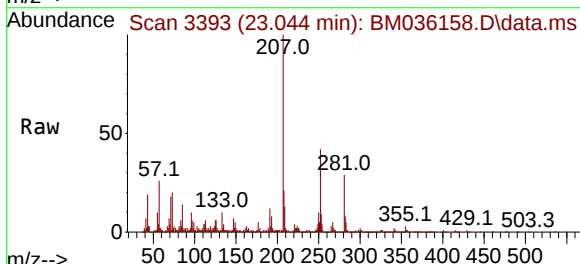
Instrument :
BNA_M
ClientSampleId :
RVE-180

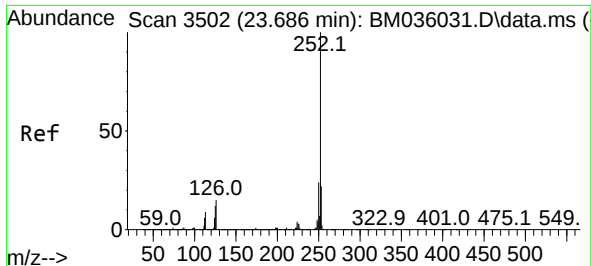
Tgt Ion:252 Resp: 292590
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 14.2 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 4.301 ng
RT: 23.044 min Scan# 3393
Delta R.T. -0.065 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:252 Resp: 292590
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 14.2 7.6 11.4#

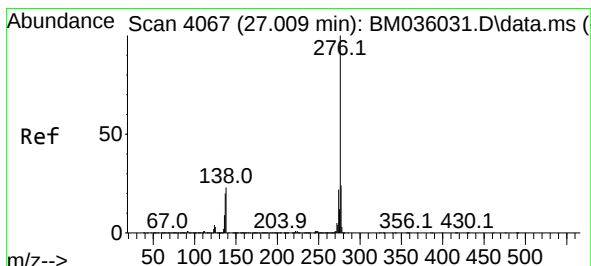
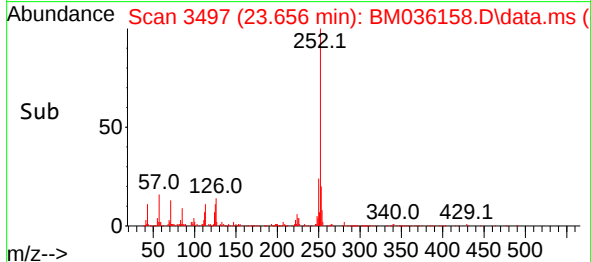
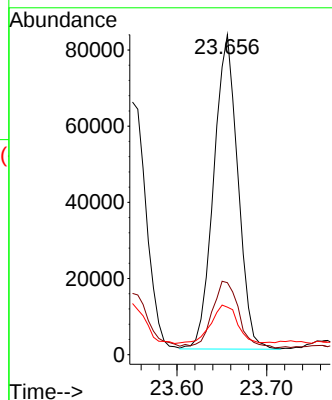
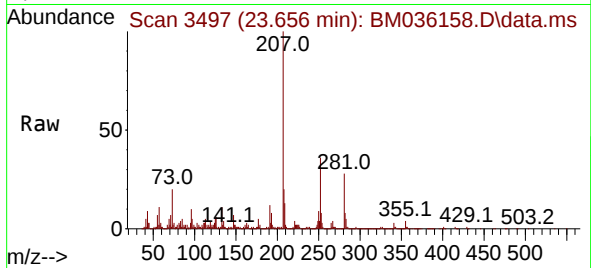




#90
Benzo(a)pyrene
Concen: 2.729 ng
RT: 23.656 min Scan# 34
Delta R.T. -0.017 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-180

Tgt Ion:252 Resp: 154246
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 14.9 8.7 13.1#



#92
Benzo(g,h,i)perylene
Concen: 2.285 ng
RT: 26.956 min Scan# 4058
Delta R.T. -0.035 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:276 Resp: 149615
Ion Ratio Lower Upper
276 100
277 22.7 18.7 28.1
138 22.7 17.6 26.4

