

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
 Data File : BM036068.D
 Acq On : 03 Aug 2022 01:09
 Operator : CG/JU
 Sample : N3896-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-68

Quant Time: Aug 03 02:36:40 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 01 17:50:14 2022
 Response via : Initial Calibration

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

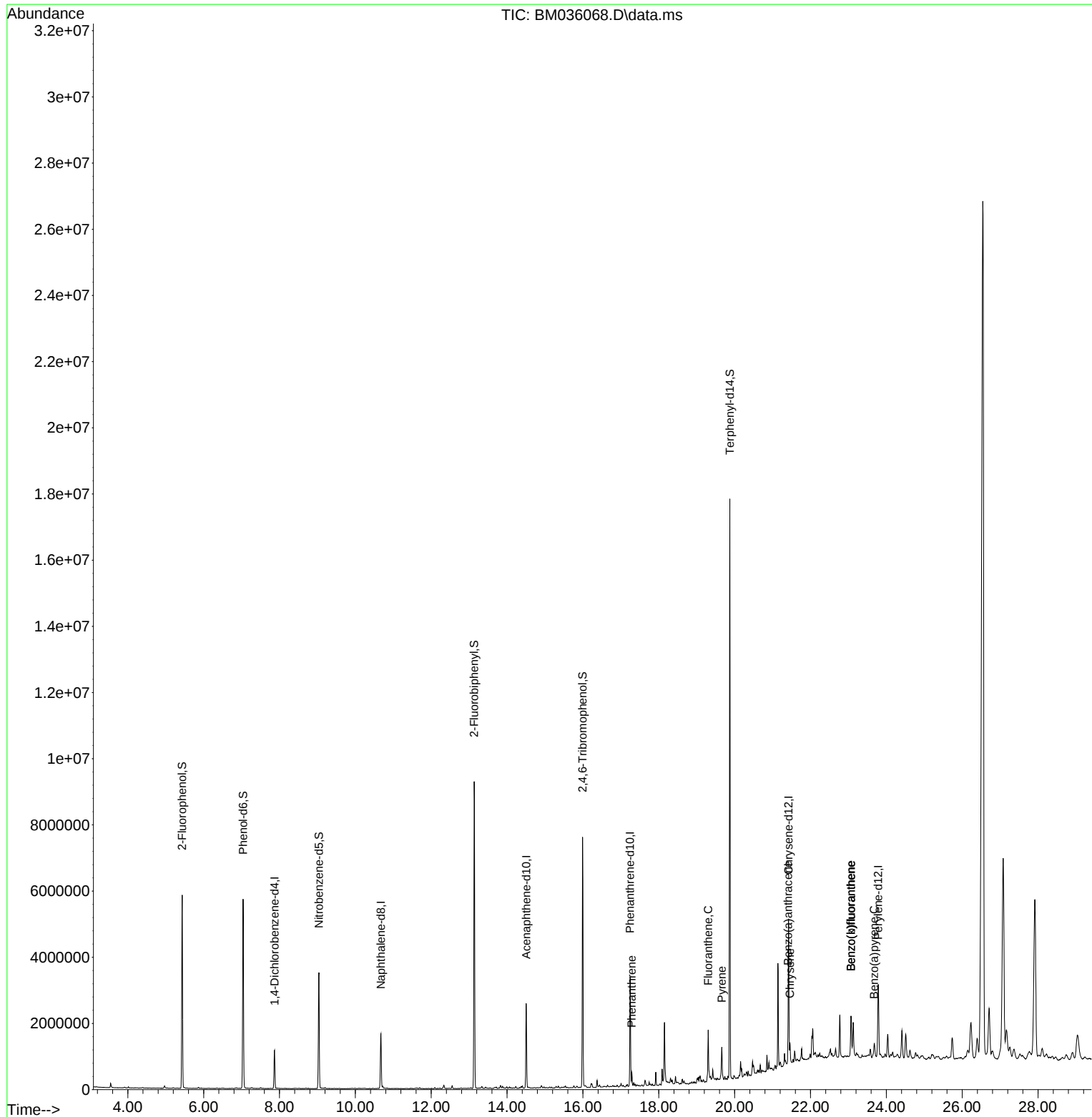
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	318099	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1409674	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	867769	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1880581	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1862408	20.000	ng	0.00
86) Perylene-d12	23.785	264	1546261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2523626	128.622	ng	0.00
7) Phenol-d6	7.039	99	3267816	130.893	ng	0.00
23) Nitrobenzene-d5	9.039	82	1994955	79.218	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1375882	135.154	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	4622744	78.654	ng	0.00
79) Terphenyl-d14	19.874	244	8050119	85.257	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.286	178	206312	2.153	ng	98
75) Fluoranthene	19.303	202	538064	5.017	ng	99
78) Pyrene	19.662	202	545267	4.721	ng	99
81) Benzo(a)anthracene	21.409	228	292216	2.547	ng	98
83) Chrysene	21.456	228	347443	3.186	ng	98
88) Benzo(b)fluoranthene	23.068	252	402424	4.442	ng	# 94
89) Benzo(k)fluoranthene	23.068	252	402424	4.398	ng	# 94
90) Benzo(a)pyrene	23.680	252	226010	2.973	ng	# 93

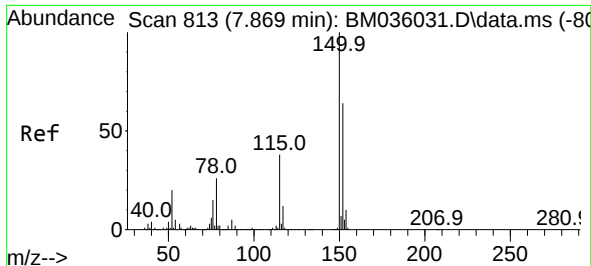
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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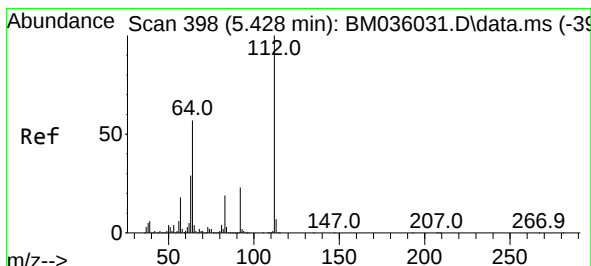
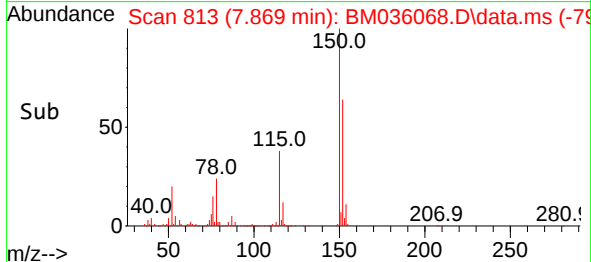
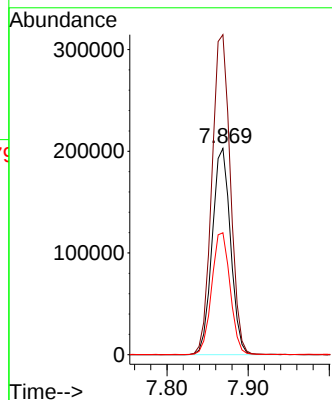
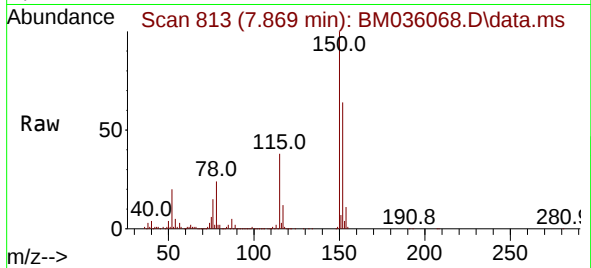




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

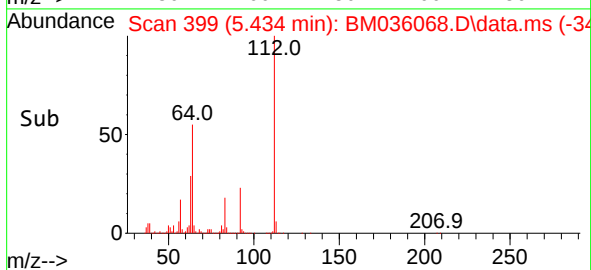
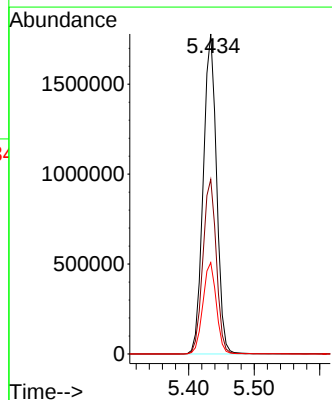
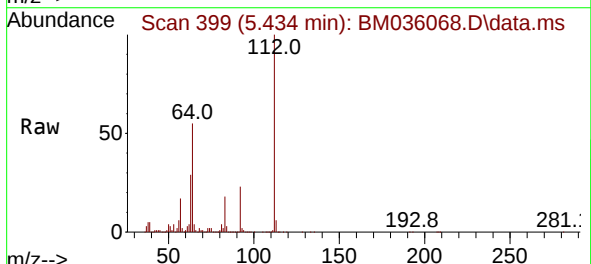
Instrument :
BNA_M
ClientSampleId :
RVE-68

Tgt Ion:152 Resp: 318099
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 59.1 47.9 71.9



#5
2-Fluorophenol
Concen: 128.622 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion:112 Resp: 2523626
Ion Ratio Lower Upper
112 100
64 54.6 47.8 71.6
63 28.5 26.6 40.0

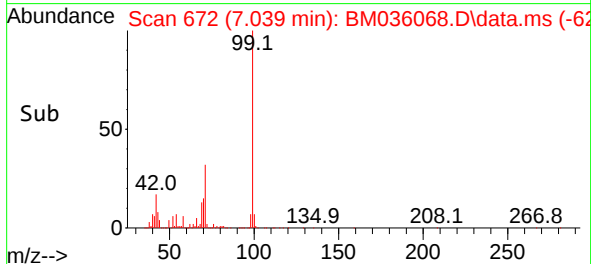
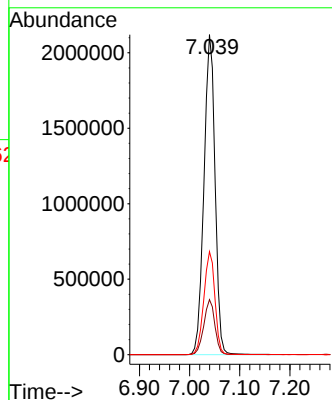
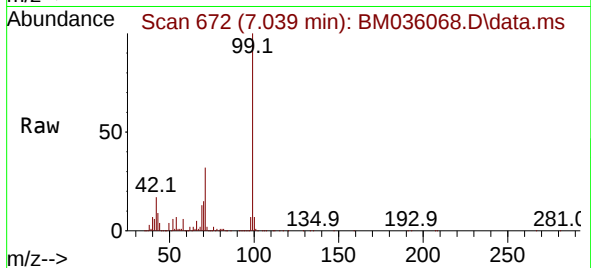




#7
Phenol-d6
Concen: 130.893 ng
RT: 7.039 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

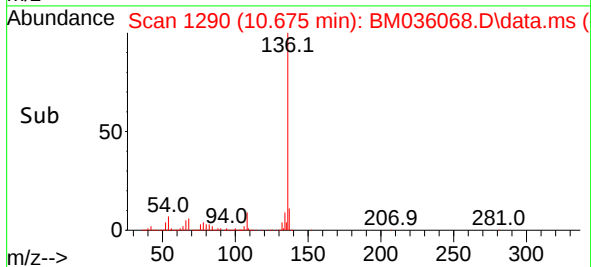
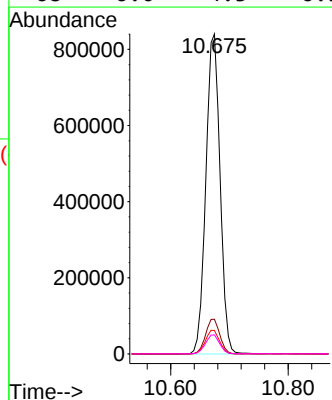
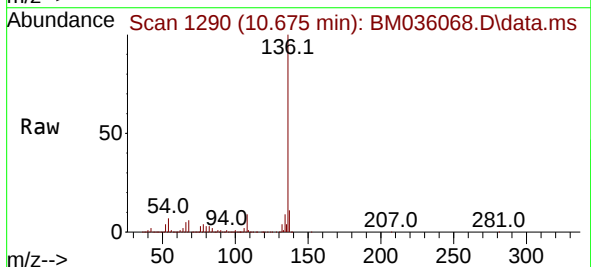
Instrument :
BNA_M
ClientSampleId :
RVE-68

Tgt Ion: 99 Resp: 3267816
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 32.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion: 136 Resp: 1409674
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 7.0 10.4
68 6.0 4.3 6.5

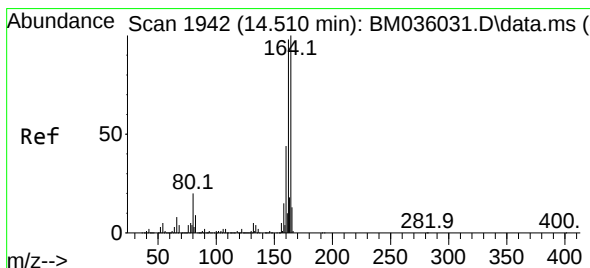
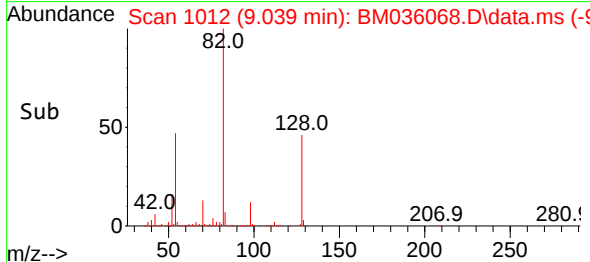
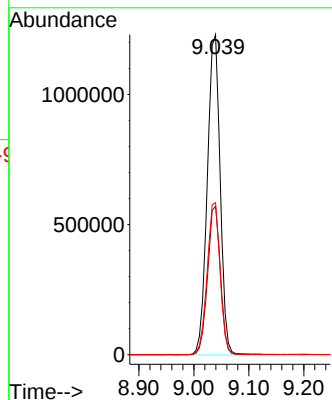
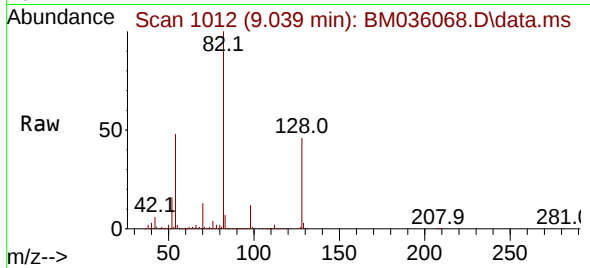




#23
Nitrobenzene-d5
Concen: 79.218 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

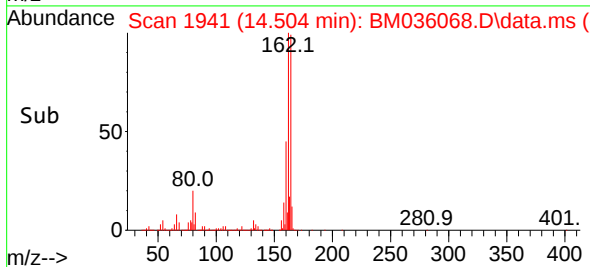
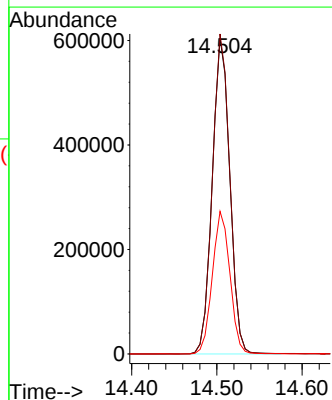
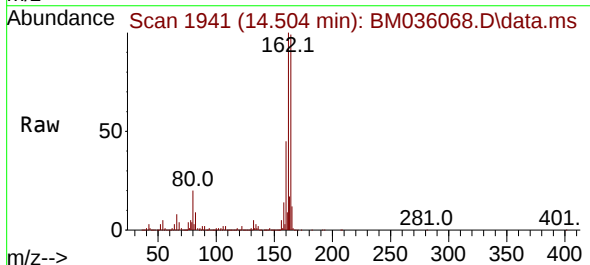
Instrument :
BNA_M
ClientSampleId :
RVE-68

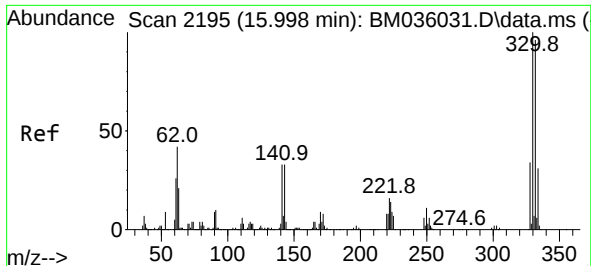
Tgt Ion: 82 Resp: 1994955
Ion Ratio Lower Upper
82 100
128 46.4 33.7 50.5
54 47.5 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion: 164 Resp: 867769
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.6
160 45.1 37.0 55.4

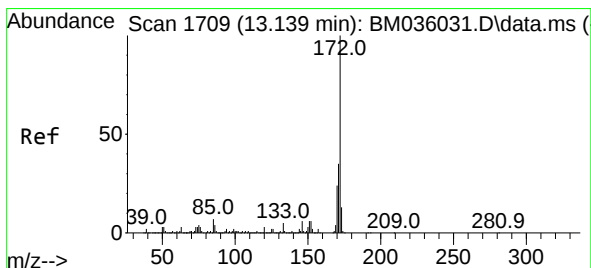
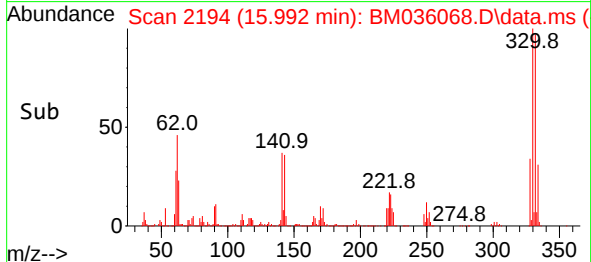
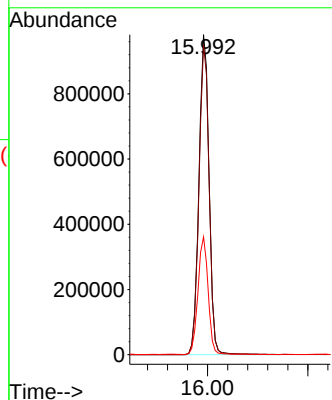
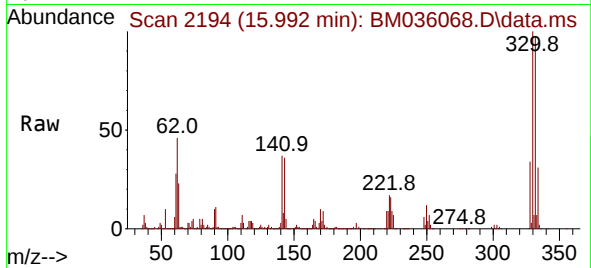




#42
2,4,6-Tribromophenol
Concen: 135.154 ng
RT: 15.992 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

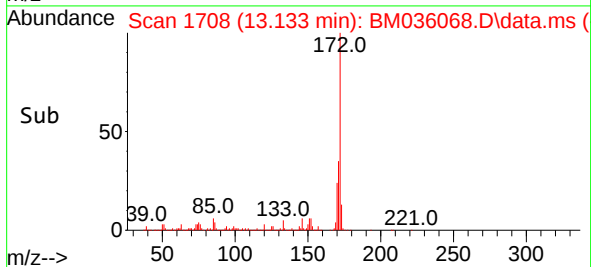
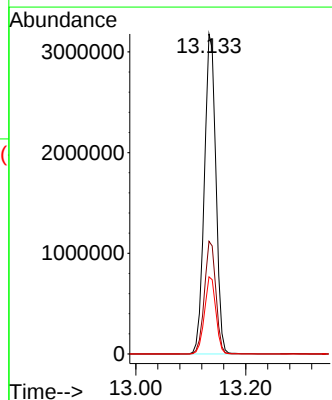
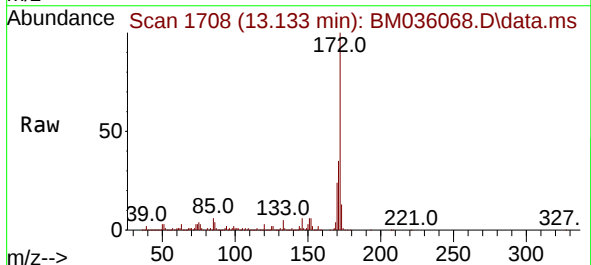
Instrument :
BNA_M
ClientSampleId :
RVE-68

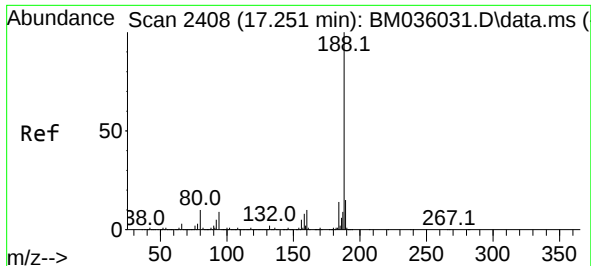
Tgt Ion:330 Resp: 1375882
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 36.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 78.654 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion:172 Resp: 4622744
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.1 18.7 28.1

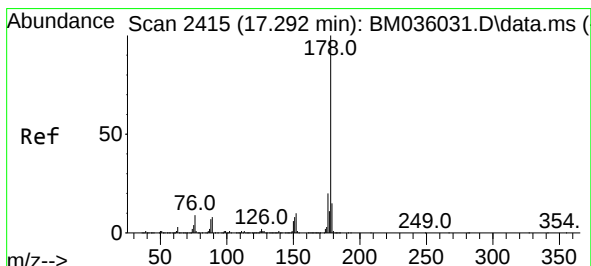
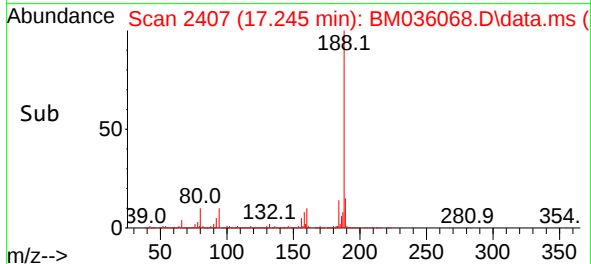
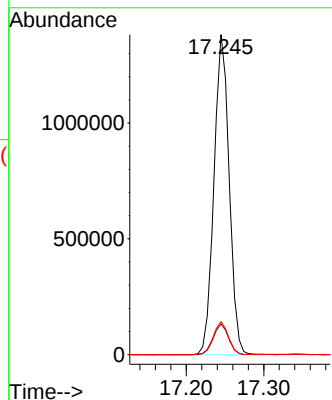
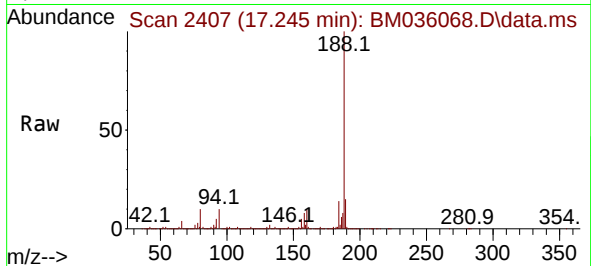




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

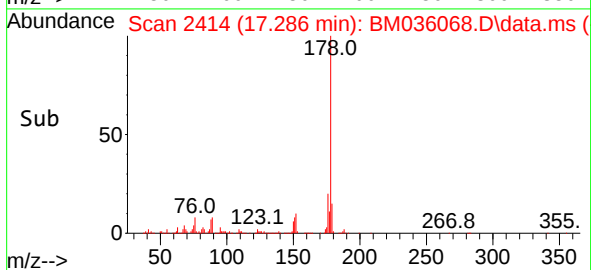
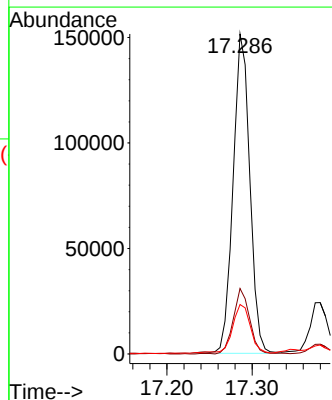
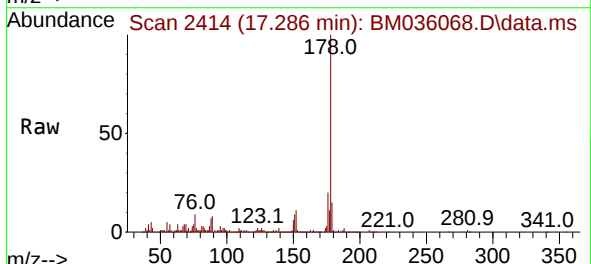
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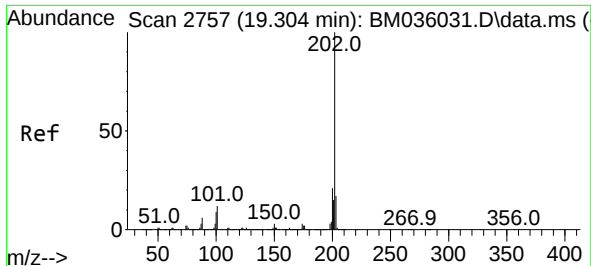
Tgt Ion:188 Resp: 1880581
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.3 7.6 11.4



#71
Phenanthrene
Concen: 2.153 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion:178 Resp: 206312
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.0
179 15.4 12.4 18.6

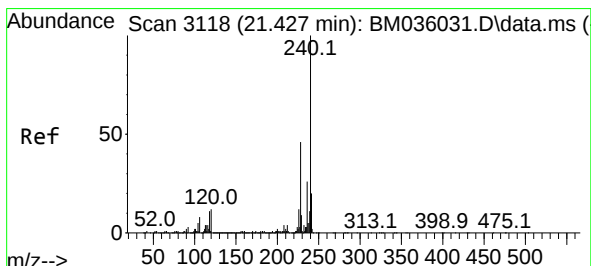
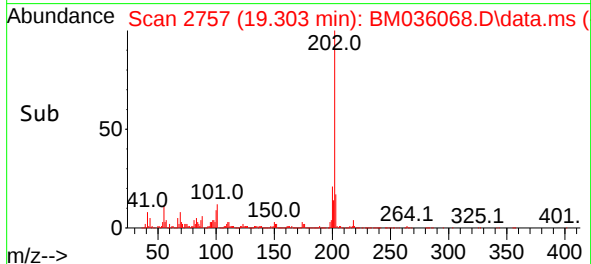
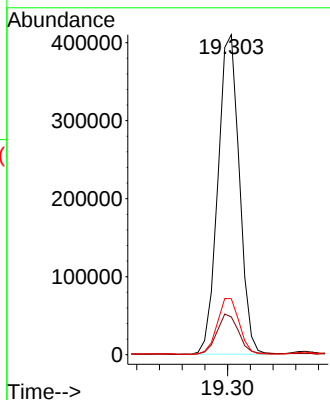
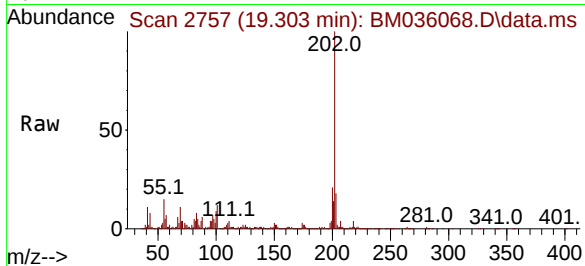




#75
Fluoranthene
Concen: 5.017 ng
RT: 19.303 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

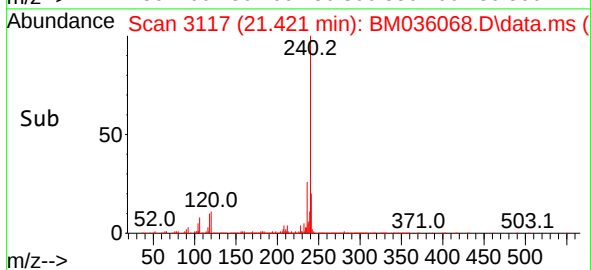
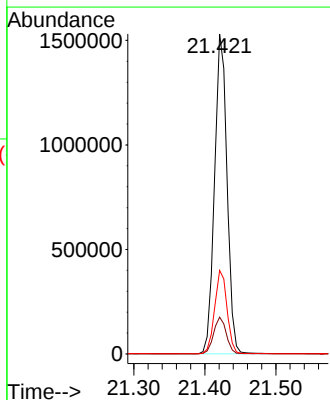
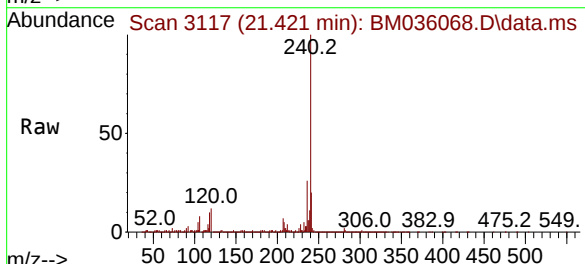
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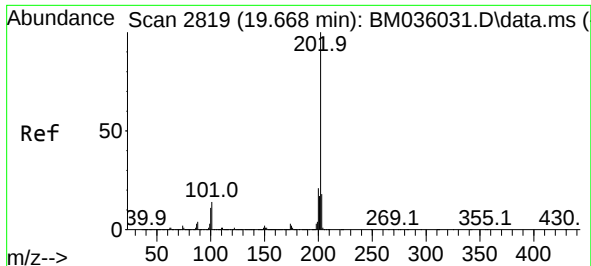
Tgt Ion:202 Resp: 538064
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.6
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion:240 Resp: 1862408
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.0
236 26.1 20.6 30.8

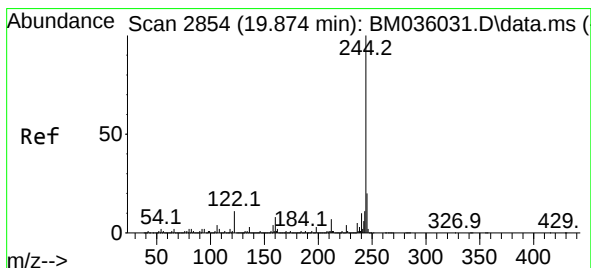
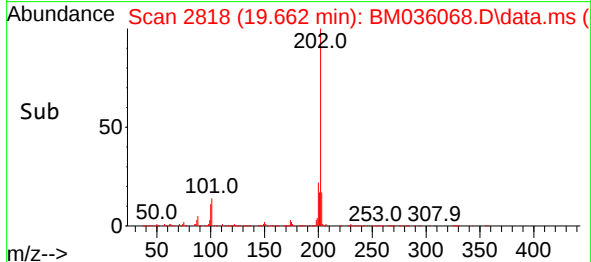
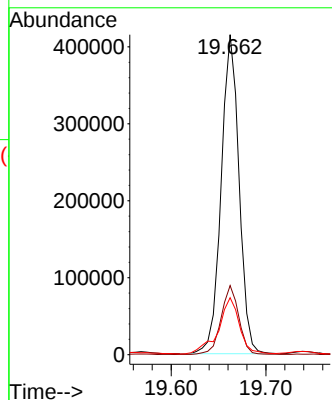
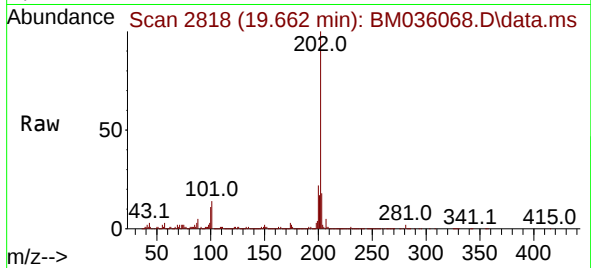




#78
 Pyrene
 Concen: 4.721 ng
 RT: 19.662 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036068.D
 Acq: 03 Aug 2022 01:09

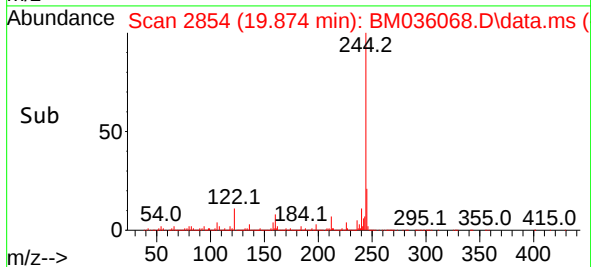
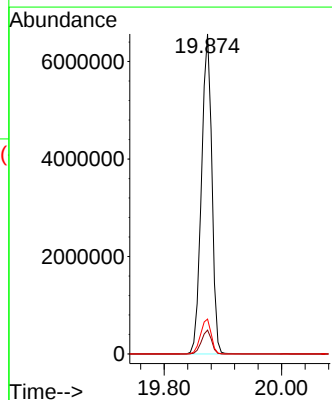
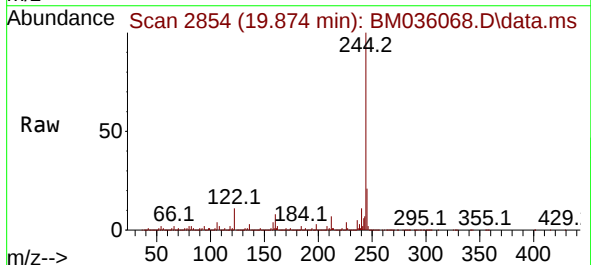
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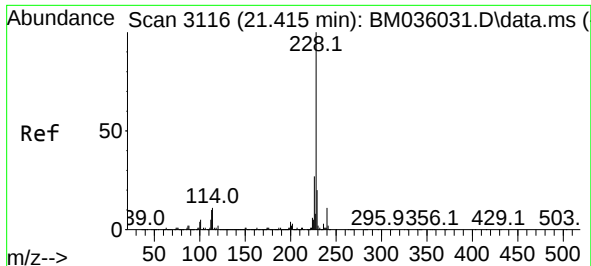
Tgt Ion:202 Resp: 545267
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.7 25.1
 203 17.8 13.9 20.9



#79
 Terphenyl-d14
 Concen: 85.257 ng
 RT: 19.874 min Scan# 2854
 Delta R.T. -0.000 min
 Lab File: BM036068.D
 Acq: 03 Aug 2022 01:09

Tgt Ion:244 Resp: 8050119
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.9 8.3 12.5

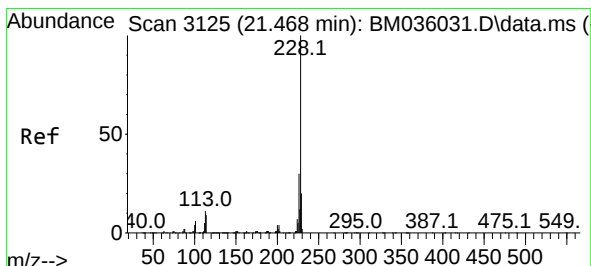
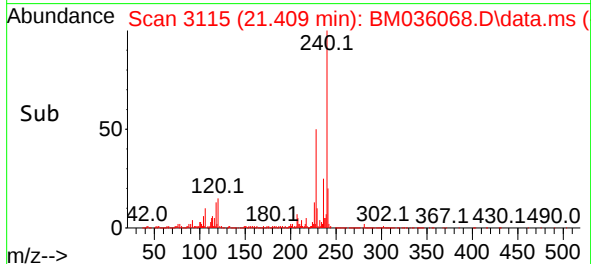
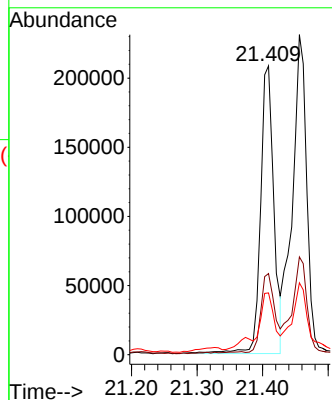
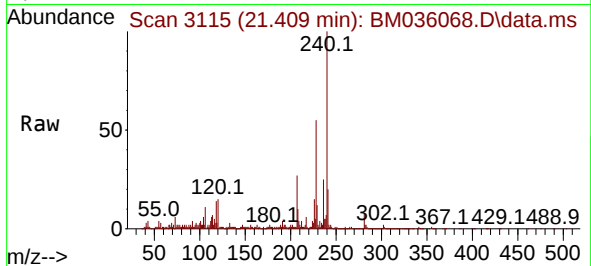




#81
Benzo(a)anthracene
Concen: 2.547 ng
RT: 21.409 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

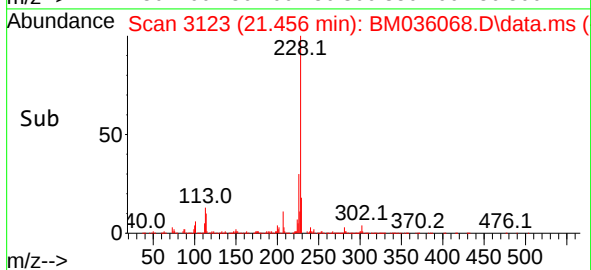
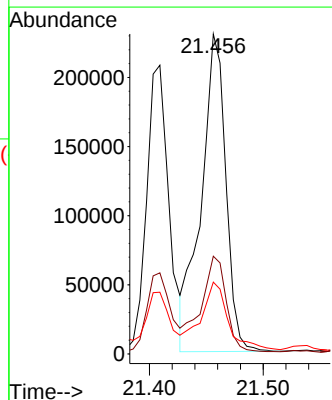
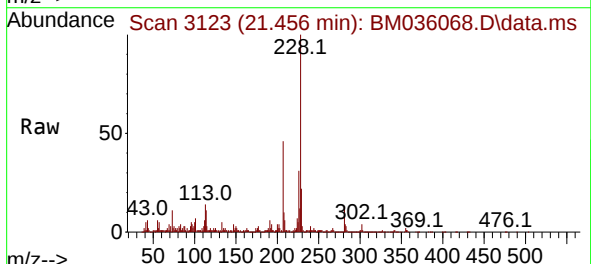
Instrument :
BNA_M
ClientSampleId :
RVE-68

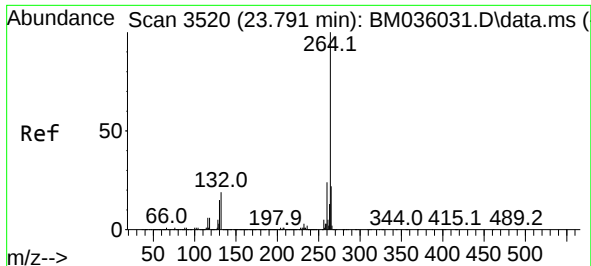
Tgt Ion:228 Resp: 292216
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 21.4 15.8 23.6



#83
Chrysene
Concen: 3.186 ng
RT: 21.456 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion:228 Resp: 347443
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 22.4 15.8 23.8

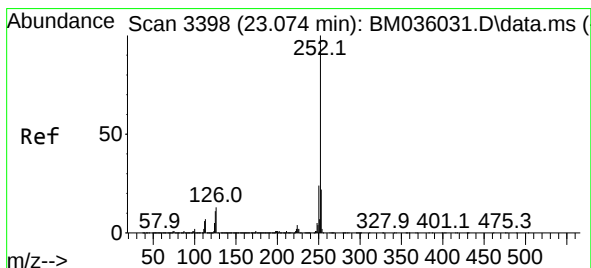
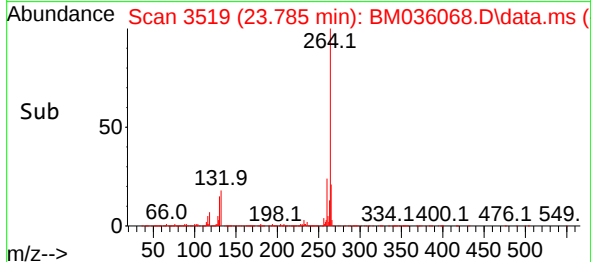
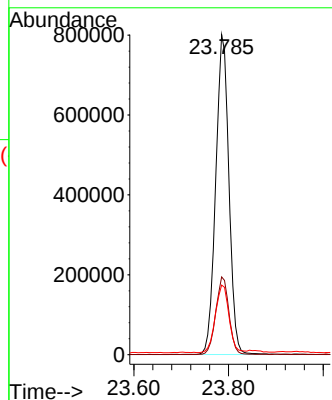
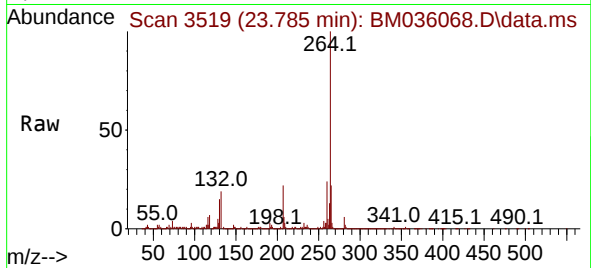




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.785 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

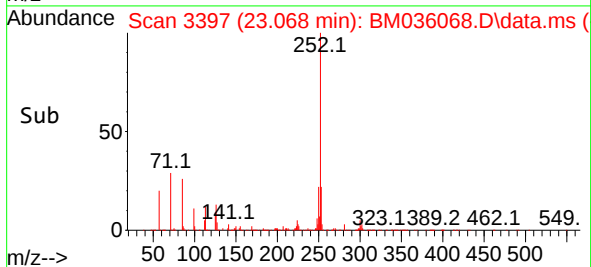
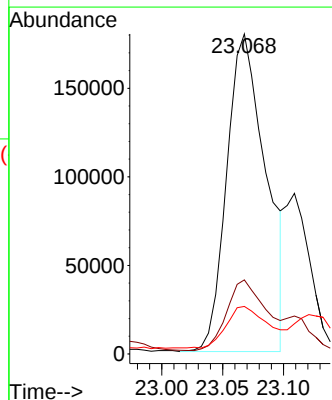
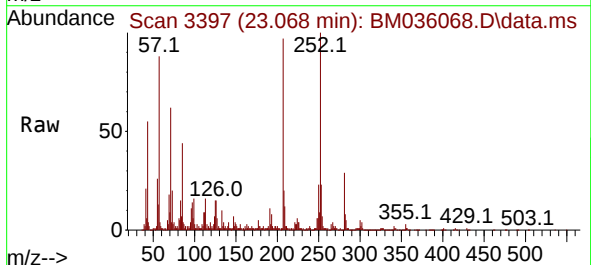
Instrument :
BNA_M
ClientSampleId :
RVE-68

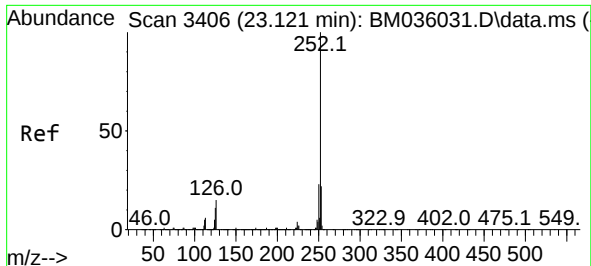
Tgt Ion:264 Resp: 1546261
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 21.7 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 4.442 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion:252 Resp: 402424
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 14.9 7.6 11.4#

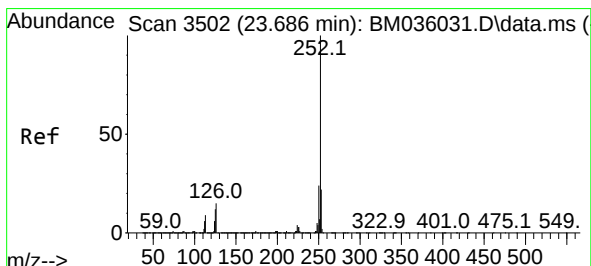
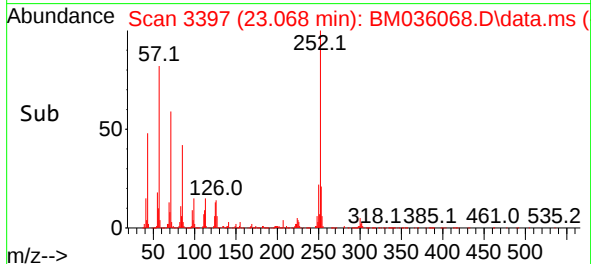
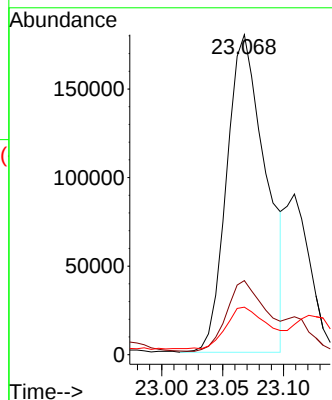
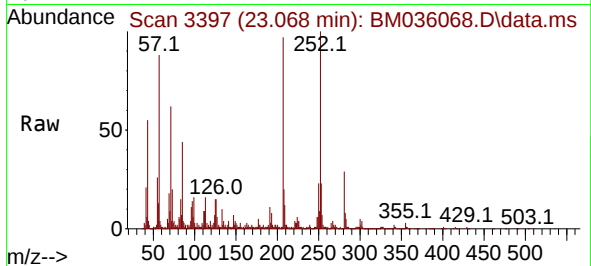




#89
Benzo(k)fluoranthene
Concen: 4.398 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.053 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Instrument :
BNA_M
ClientSampleId :
RVE-68

Tgt Ion:252 Resp: 402424
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 14.9 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 2.973 ng
RT: 23.680 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM036068.D
Acq: 03 Aug 2022 01:09

Tgt Ion:252 Resp: 226010
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 15.8 8.7 13.1#

