

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
 Data File : BM036089.D
 Acq On : 03 Aug 2022 21:57
 Operator : CG/JU
 Sample : N3930-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-109

Quant Time: Aug 04 01:32:20 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)

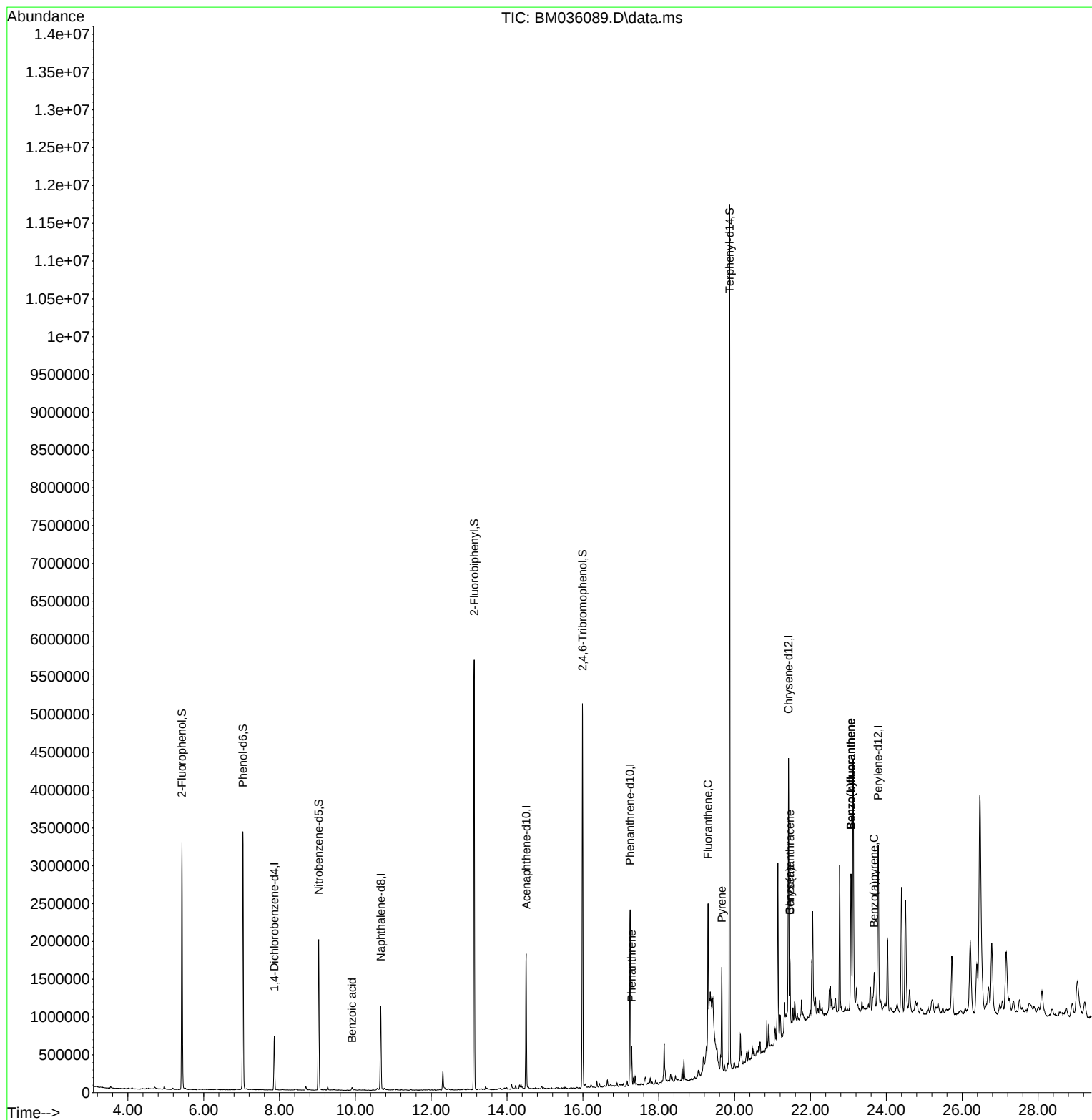
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	191920	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	914042	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	607612	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1346224	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1500391	20.000	ng	0.00
86) Perylene-d12	23.786	264	1570317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1452085	122.666	ng	0.00
7) Phenol-d6	7.034	99	1980230	131.467	ng	0.00
23) Nitrobenzene-d5	9.034	82	1144044	70.062	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	948286	133.035	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2866463	69.654	ng	0.00
79) Terphenyl-d14	19.868	244	5336721	70.158	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.910	122	17877	2.011	ng	93
71) Phenanthrene	17.286	178	263287	3.839	ng	99
75) Fluoranthene	19.298	202	1014826	13.219	ng	97
78) Pyrene	19.662	202	794188	8.536	ng	100
81) Benzo(a)anthracene	21.456	228	494834	5.354	ng	97
83) Chrysene	21.456	228	494834	5.633	ng	97
88) Benzo(b)fluoranthene	23.068	252	551921	5.999	ng	# 95
89) Benzo(k)fluoranthene	23.068	252	551921	5.939	ng	# 95
90) Benzo(a)pyrene	23.680	252	209701	2.717	ng	# 93

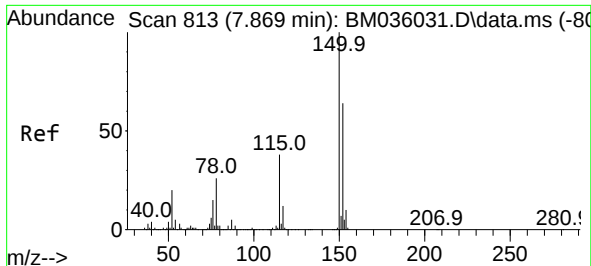
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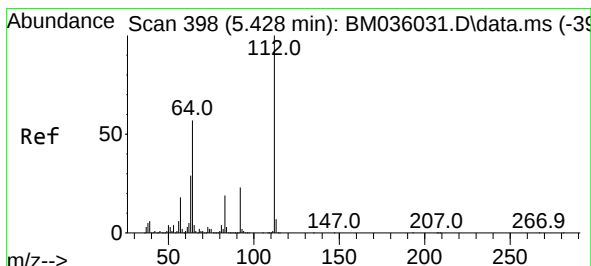
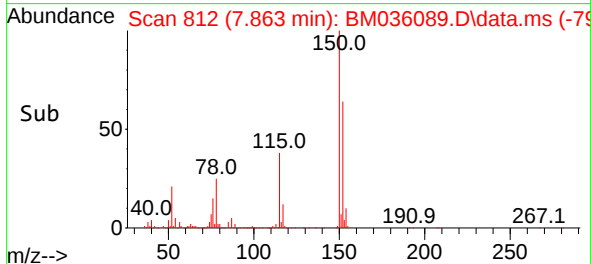
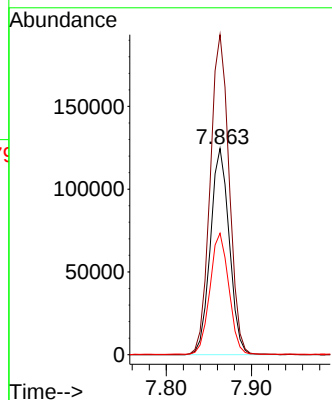
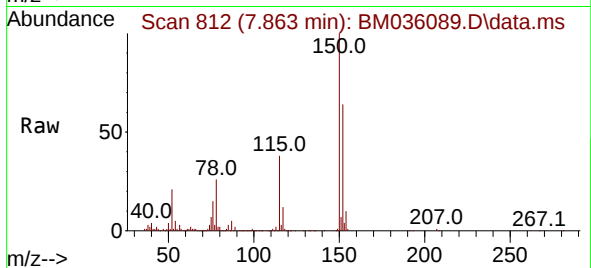




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

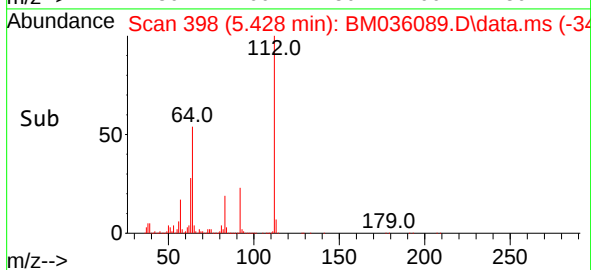
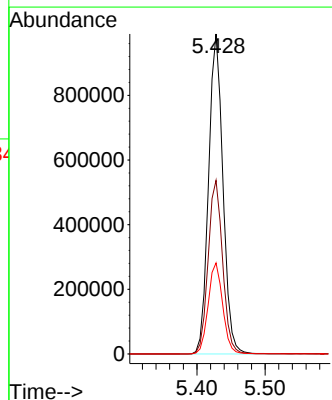
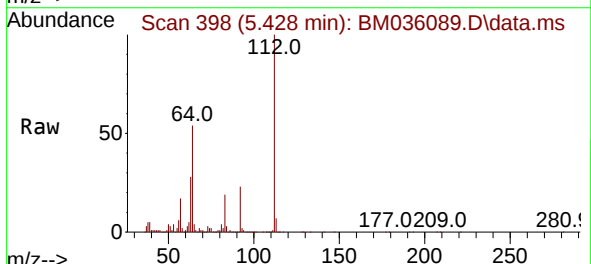
Instrument :
BNA_M
ClientSampleId :
RVE-109

Tgt Ion:152 Resp: 191920
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 58.9 47.9 71.9



#5
2-Fluorophenol
Concen: 122.666 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion:112 Resp: 1452085
Ion Ratio Lower Upper
112 100
64 54.3 47.8 71.6
63 28.4 26.6 40.0

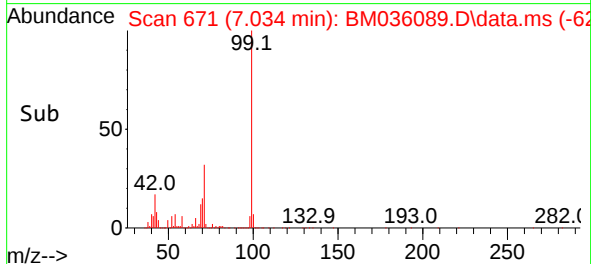
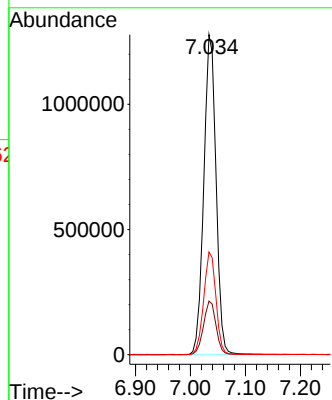
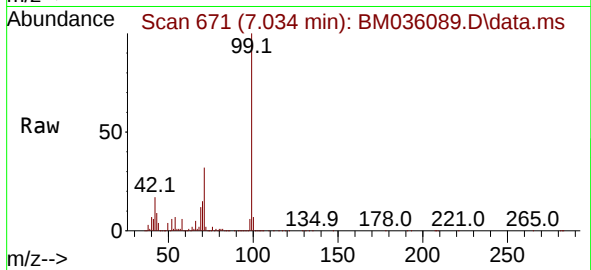




#7
Phenol-d6
Concen: 131.467 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

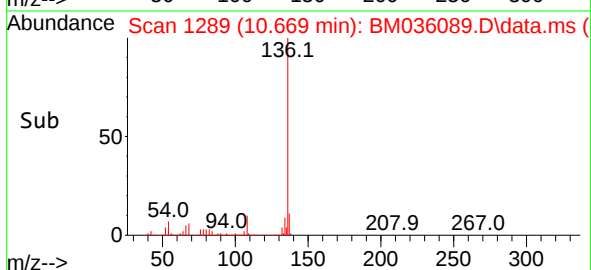
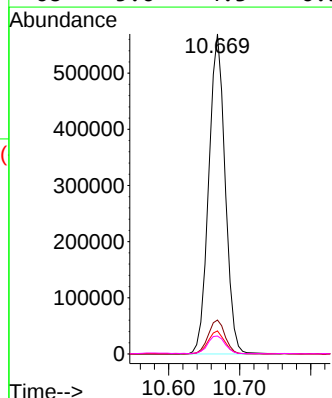
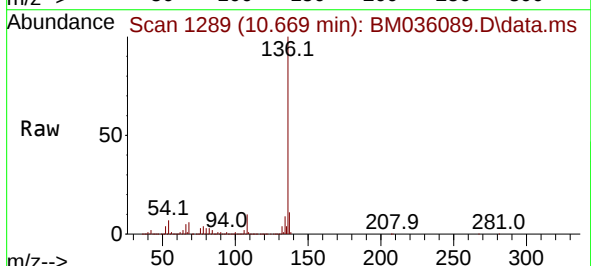
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BNA_M
ClientSampleId :
RVE-109

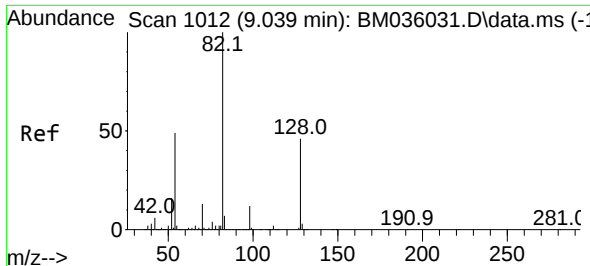
Tgt Ion: 99 Resp: 1980230
Ion Ratio Lower Upper
99 100
42 16.8 18.8 28.2#
71 32.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion: 136 Resp: 914042
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.2 7.0 10.4
68 5.6 4.3 6.5

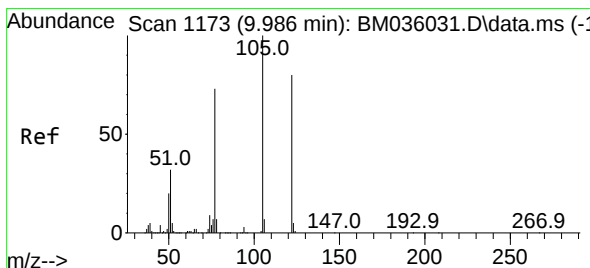
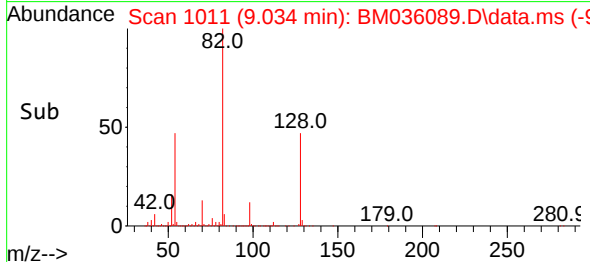
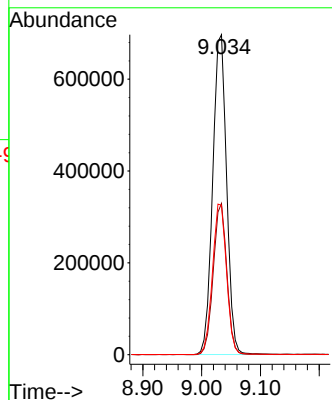
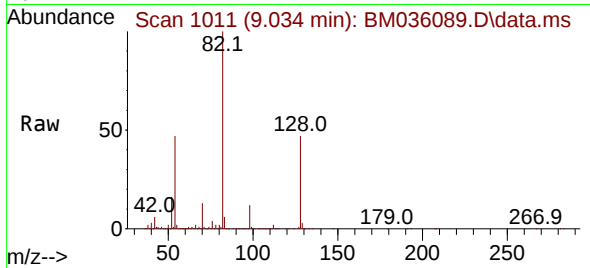




#23
Nitrobenzene-d5
Concen: 70.062 ng
RT: 9.034 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

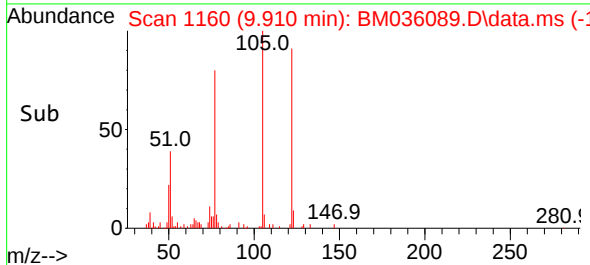
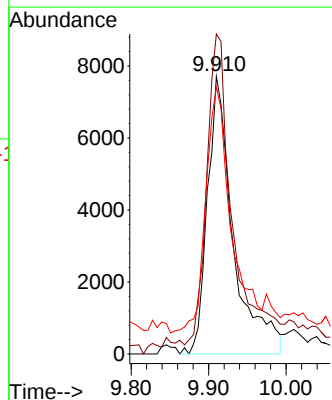
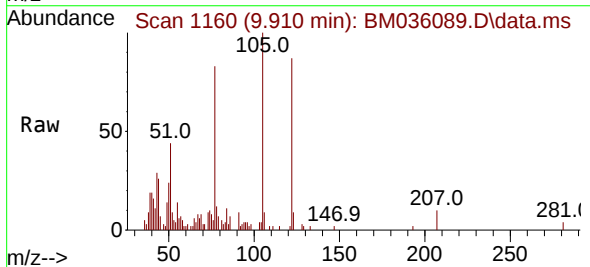
Instrument :
BNA_M
ClientSampleId :
RVE-109

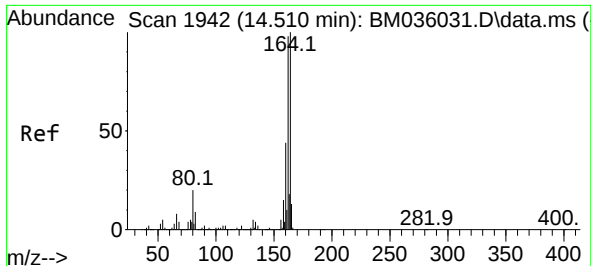
Tgt Ion: 82 Resp: 1144044
Ion Ratio Lower Upper
82 100
128 47.3 33.7 50.5
54 46.7 43.2 64.8



#32
Benzoic acid
Concen: 2.011 ng
RT: 9.910 min Scan# 1160
Delta R.T. -0.076 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion:122 Resp: 17877
Ion Ratio Lower Upper
122 100
105 115.3 105.7 145.7
77 96.1 80.0 120.0

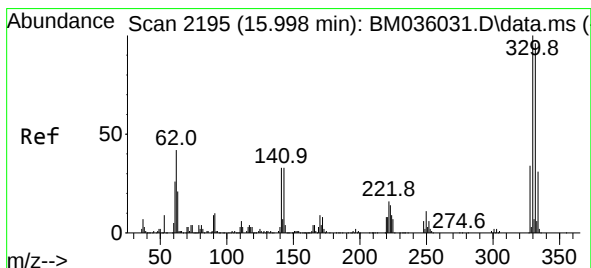
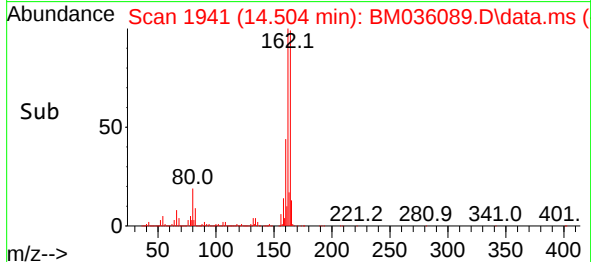
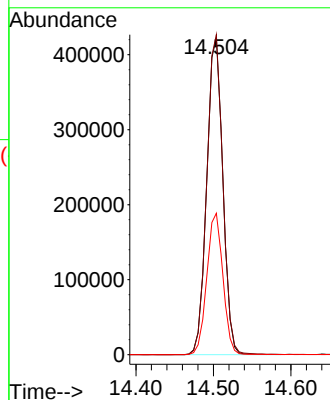
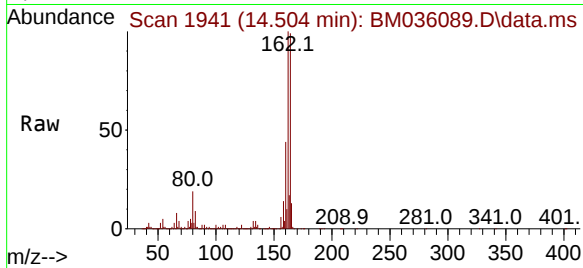




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

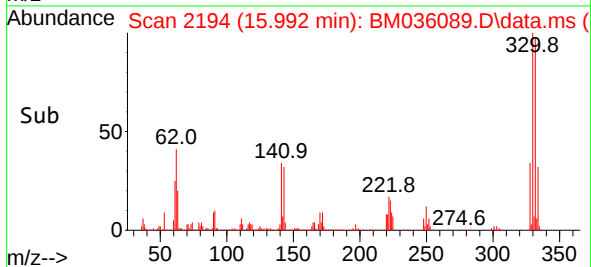
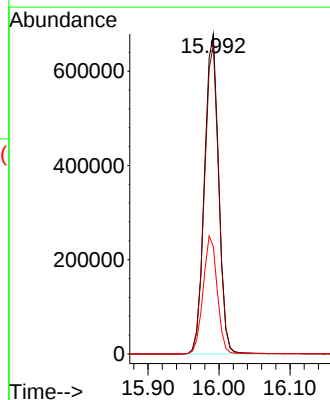
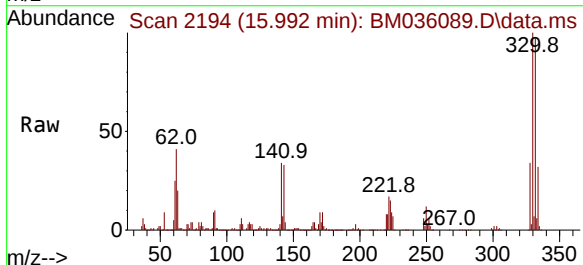
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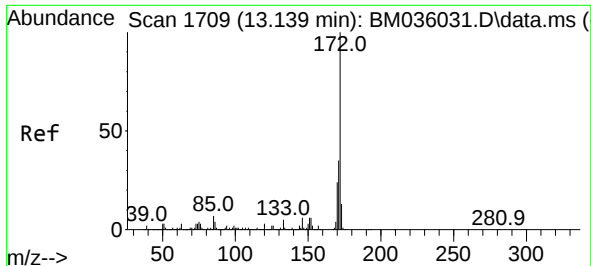
Tgt Ion:164 Resp: 607612
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 44.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 133.035 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion:330 Resp: 948286
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 36.4 35.3 52.9

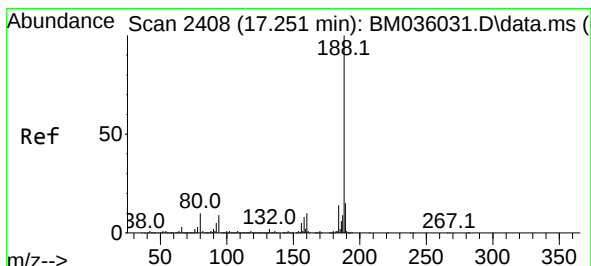
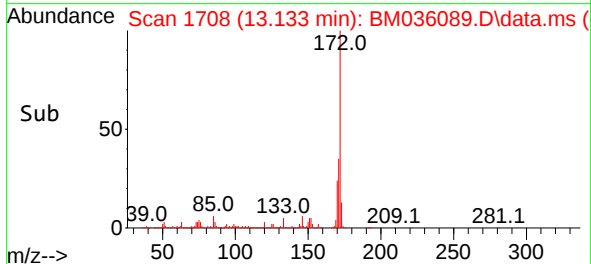
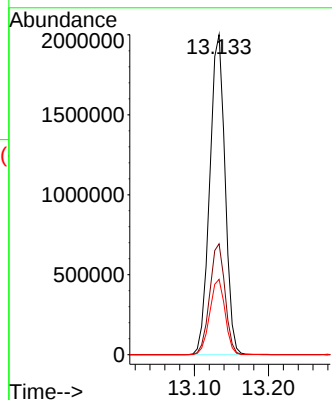
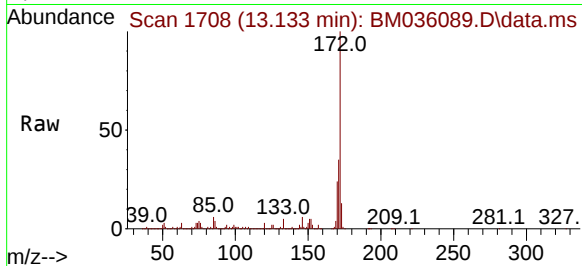




#45
2-Fluorobiphenyl
Concen: 69.654 ng
RT: 13.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

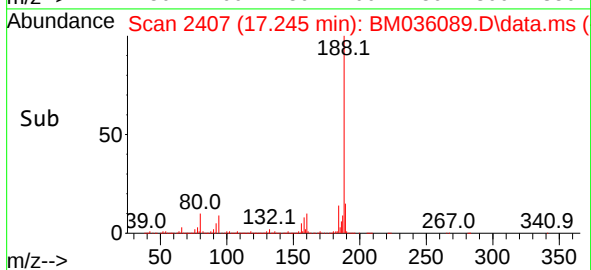
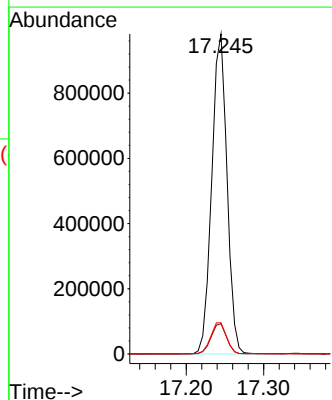
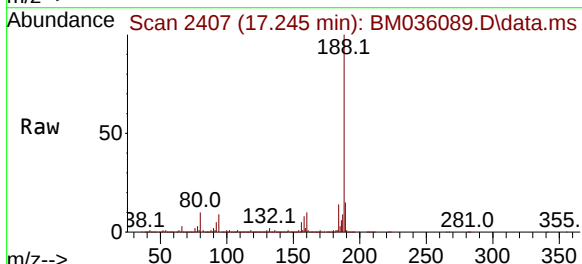
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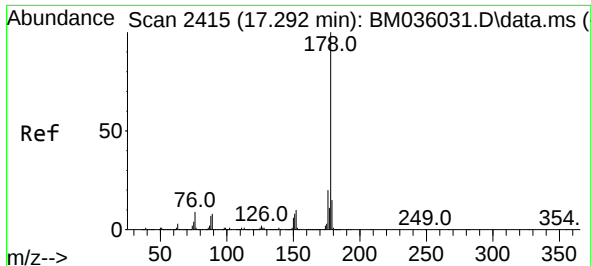
Tgt Ion:172 Resp: 2866463
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion:188 Resp: 1346224
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 9.7 7.6 11.4

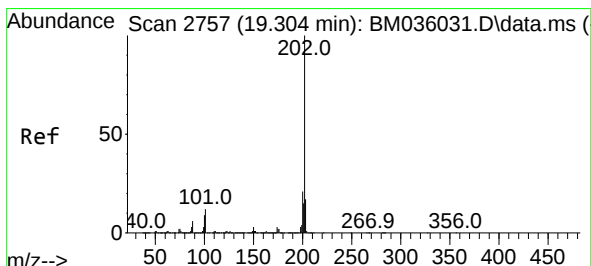
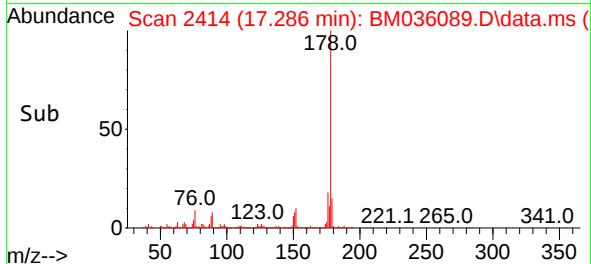
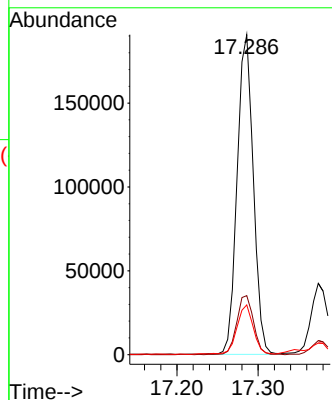
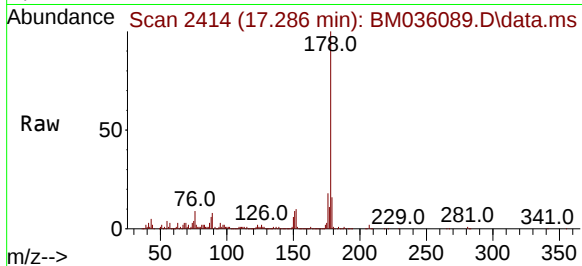




#71
Phenanthrene
Concen: 3.839 ng
RT: 17.286 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

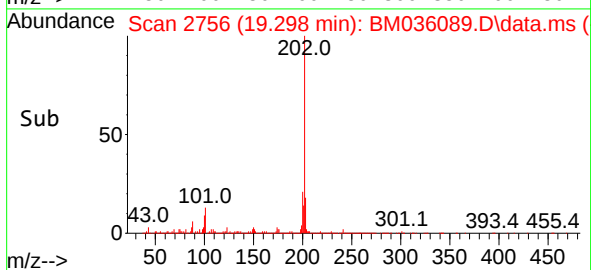
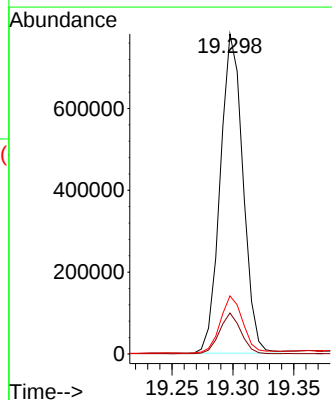
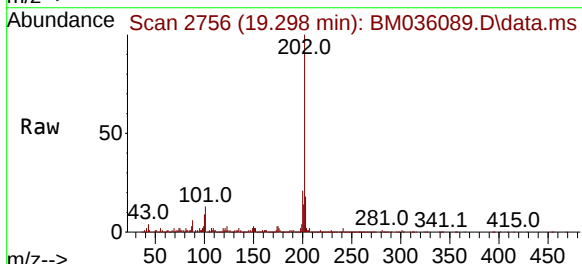
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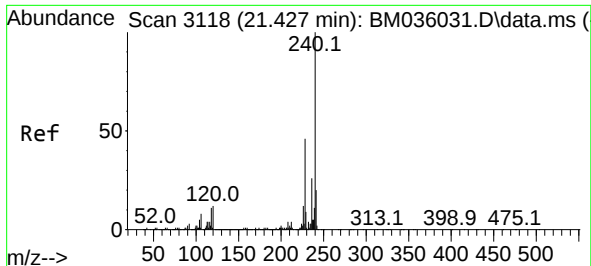
Tgt Ion:178 Resp: 263287
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.5 12.4 18.6



#75
Fluoranthene
Concen: 13.219 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion:202 Resp: 1014826
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.6
203 18.2 0.0 37.4

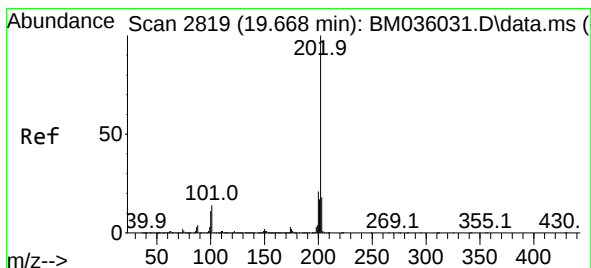
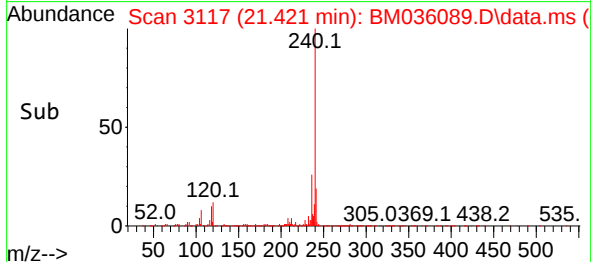
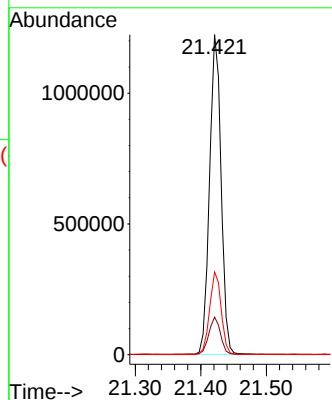
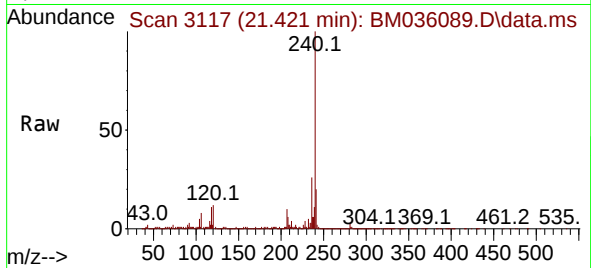




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

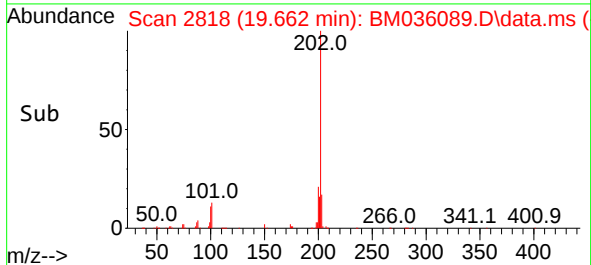
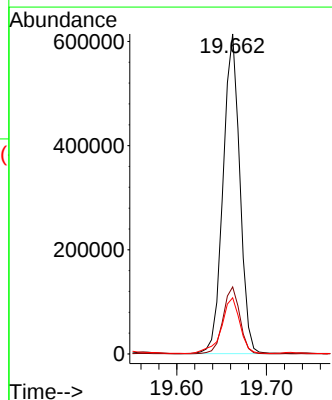
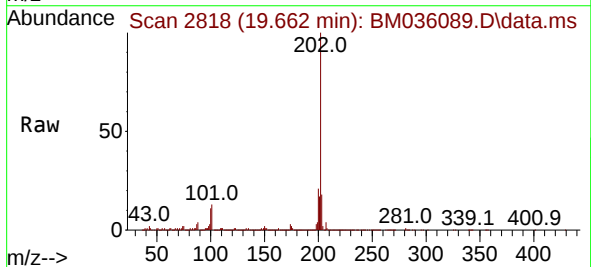
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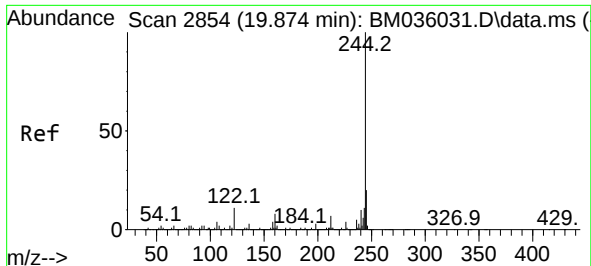
Tgt Ion:240 Resp: 1500391
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 25.9 20.6 30.8



#78
Pyrene
Concen: 8.536 ng
RT: 19.662 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion:202 Resp: 794188
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.6 13.9 20.9

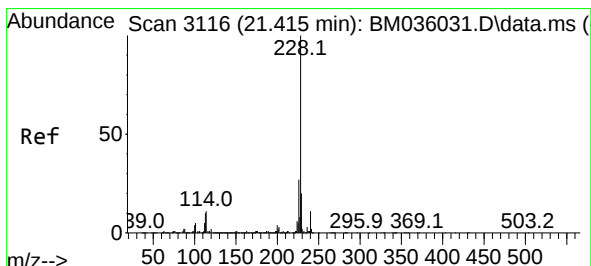
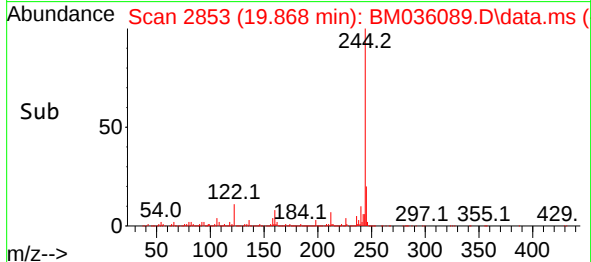
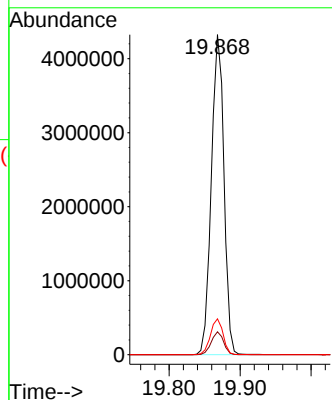
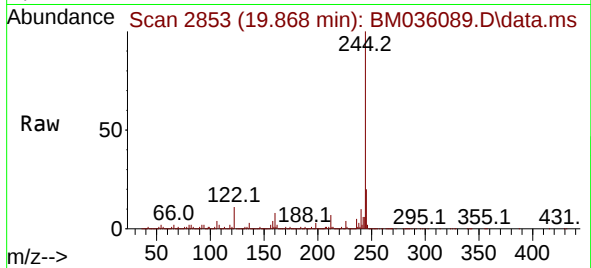




#79
 Terphenyl-d14
 Concen: 70.158 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036089.D
 Acq: 03 Aug 2022 21:57

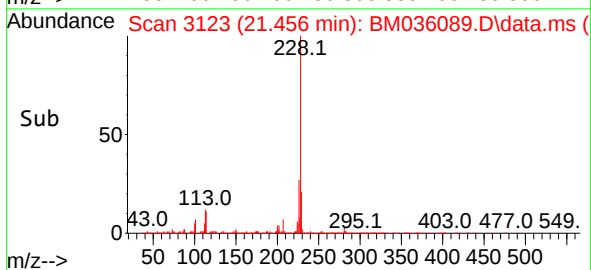
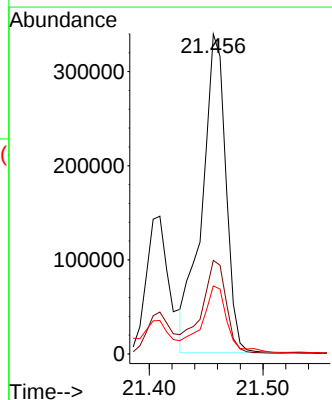
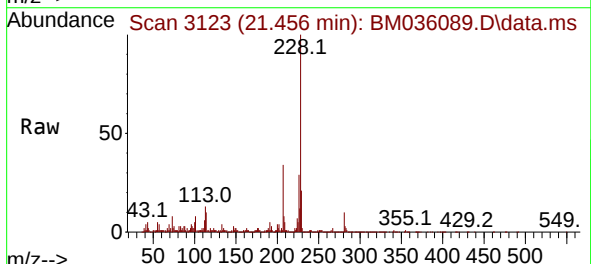
Instrument :
 BNA_M
 ClientSampleId :
 RVE-109

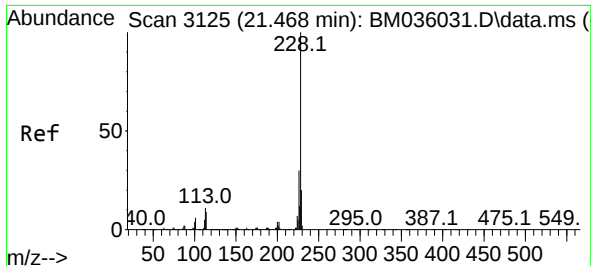
Tgt Ion:244 Resp: 5336721
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 11.2 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 5.354 ng
 RT: 21.456 min Scan# 3123
 Delta R.T. 0.041 min
 Lab File: BM036089.D
 Acq: 03 Aug 2022 21:57

Tgt Ion:228 Resp: 494834
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.3 33.5
 229 21.2 15.8 23.6

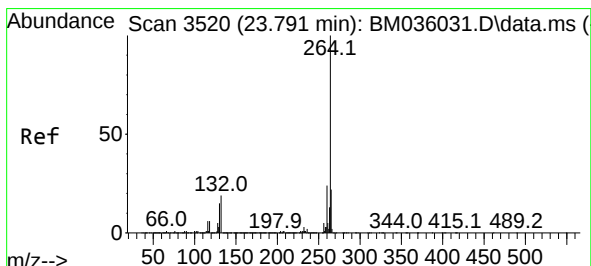
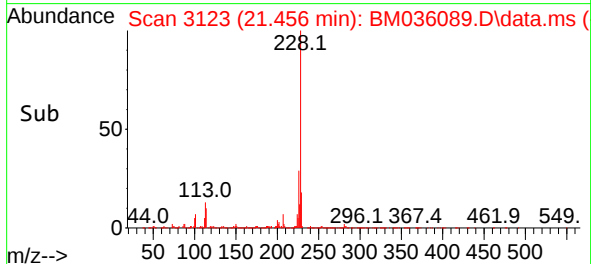
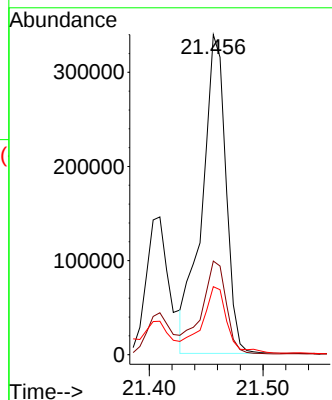
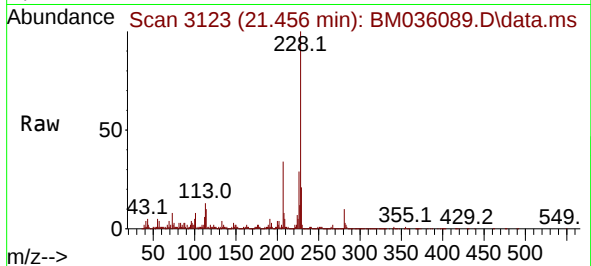




#83
Chrysene
Concen: 5.633 ng
RT: 21.456 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

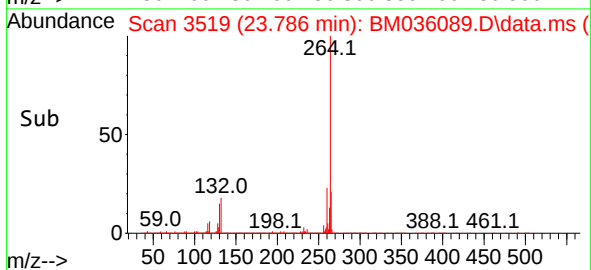
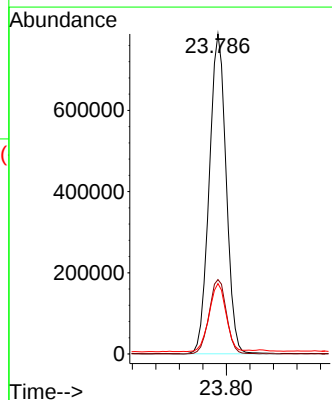
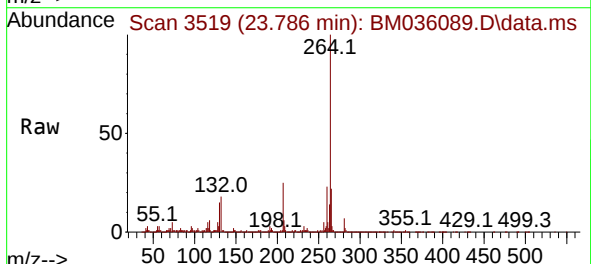
Instrument :
BNA_M
ClientSampleId :
RVE-109

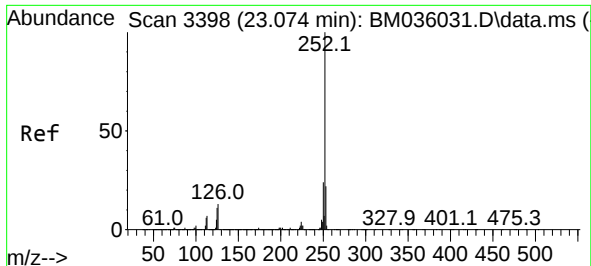
Tgt Ion:228	Resp: 494834
Ion Ratio	Lower Upper
228 100	
226 29.3	24.4 36.6
229 21.2	15.8 23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion:264	Resp: 1570317
Ion Ratio	Lower Upper
264 100	
260 23.2	18.9 28.3
265 22.0	17.5 26.3

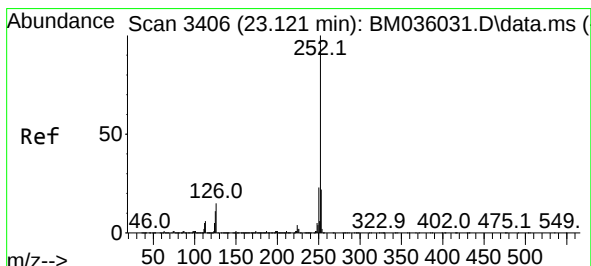
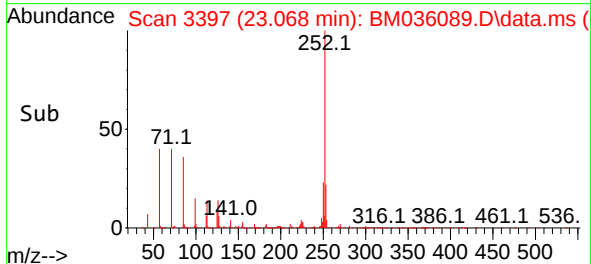
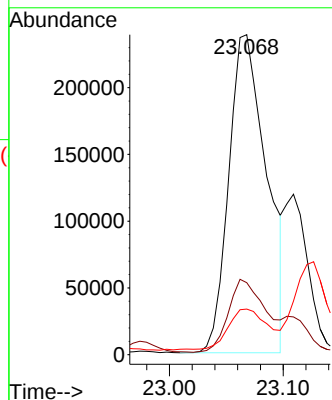
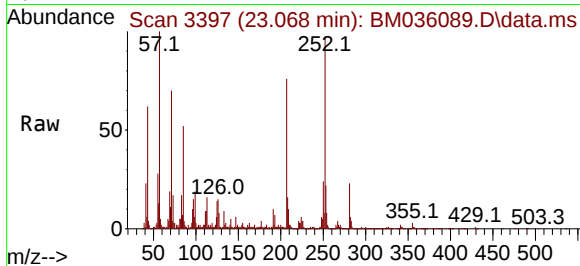




#88
Benzo(b)fluoranthene
Concen: 5.999 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.006 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

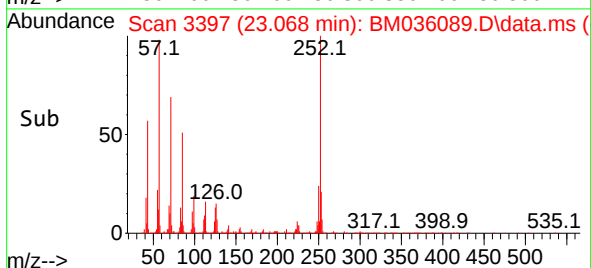
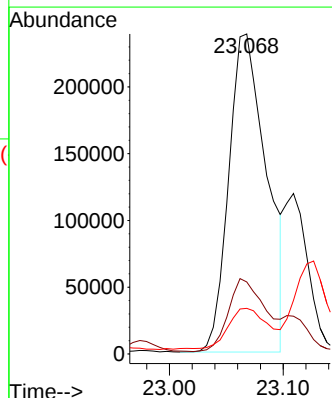
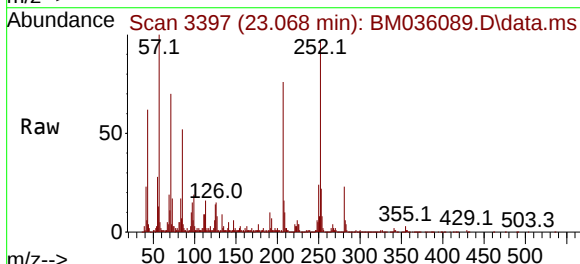
Instrument :
BNA_M
ClientSampleId :
RVE-109

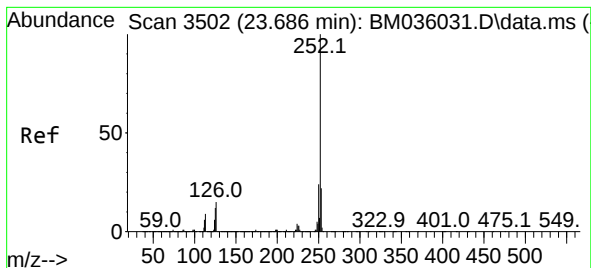
Tgt Ion:252 Resp: 551921
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 14.3 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 5.939 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.053 min
Lab File: BM036089.D
Acq: 03 Aug 2022 21:57

Tgt Ion:252 Resp: 551921
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 14.3 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 2.717 ng

RT: 23.680 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036089.D

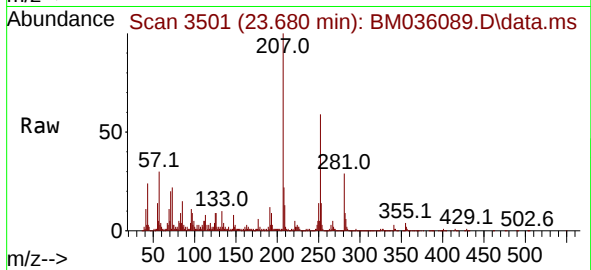
Acq: 03 Aug 2022 21:57

Instrument :

BNA_M

ClientSampleId :

RVE-109



Tgt Ion:252 Resp: 209701

Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

125 14.8 8.7 13.1#

