

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
 Data File : BM036066.D
 Acq On : 02 Aug 2022 23:56
 Operator : CG/JU
 Sample : N3995-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Quant Time: Aug 03 00:54:53 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)

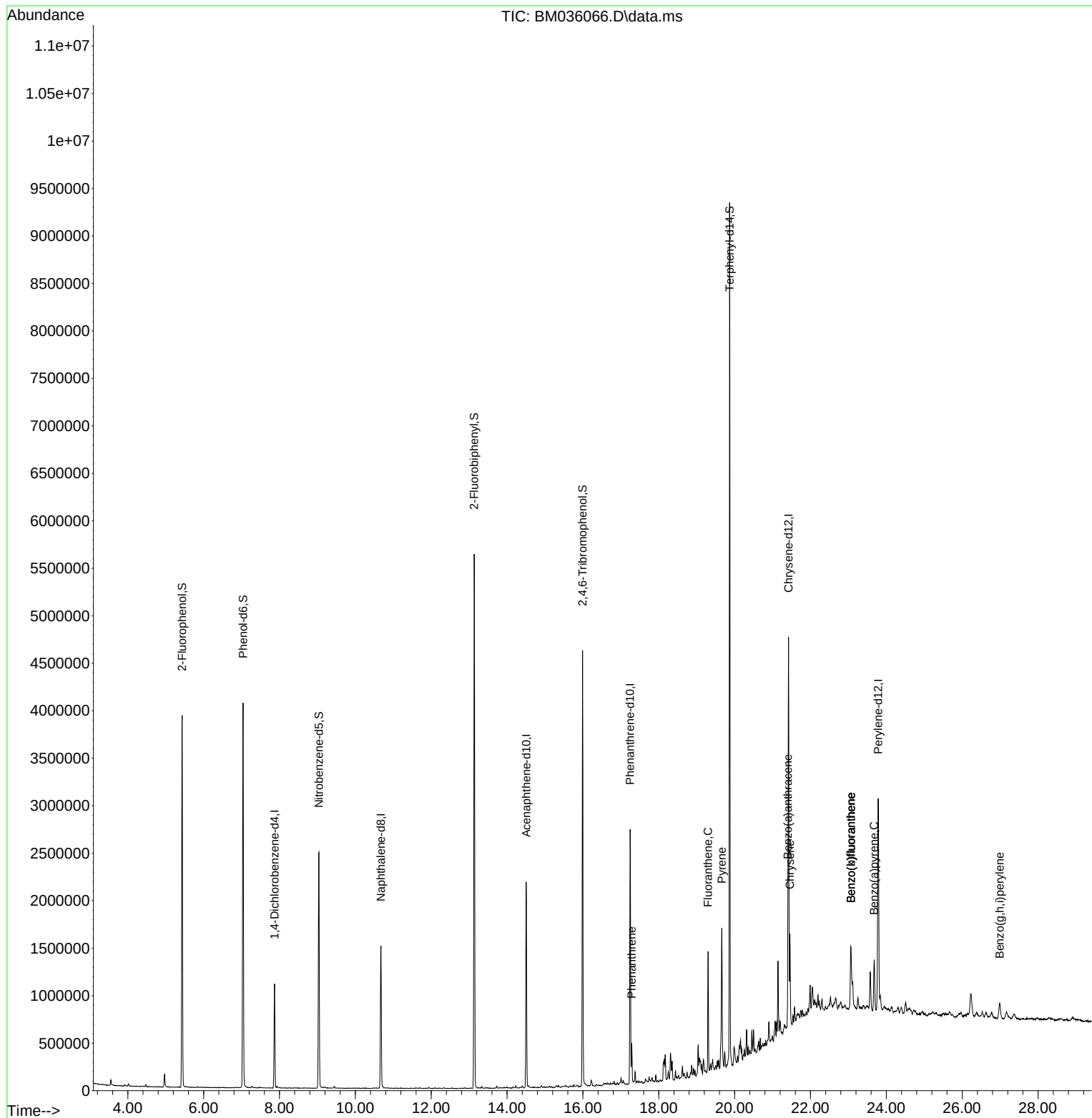
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	291945	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1245836	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	737602	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1559875	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1675274	20.000	ng	0.00
86) Perylene-d12	23.785	264	1620221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1725897	95.844	ng	0.00
7) Phenol-d6	7.039	99	2296582	100.231	ng	0.00
23) Nitrobenzene-d5	9.039	82	1435595	64.503	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	808892	93.481	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2808029	56.209	ng	0.00
79) Terphenyl-d14	19.868	244	4126668	48.587	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.286	178	240461	3.026	ng	99
75) Fluoranthene	19.298	202	699677	7.865	ng	98
78) Pyrene	19.662	202	866272	8.339	ng	100
81) Benzo(a)anthracene	21.403	228	530427	5.140	ng	98
83) Chrysene	21.456	228	529743	5.401	ng	98
88) Benzo(b)fluoranthene	23.068	252	721294	7.598	ng	# 95
89) Benzo(k)fluoranthene	23.068	252	721294	7.523	ng	# 95
90) Benzo(a)pyrene	23.680	252	380706	4.780	ng	# 96
92) Benzo(g,h,i)perylene	26.991	276	208821	2.263	ng	98

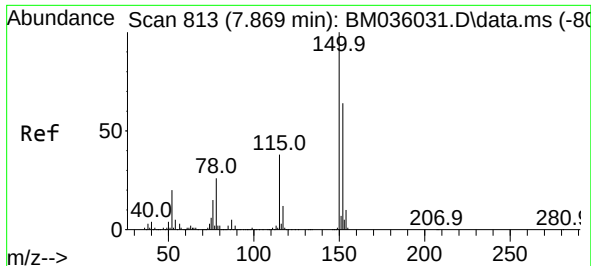
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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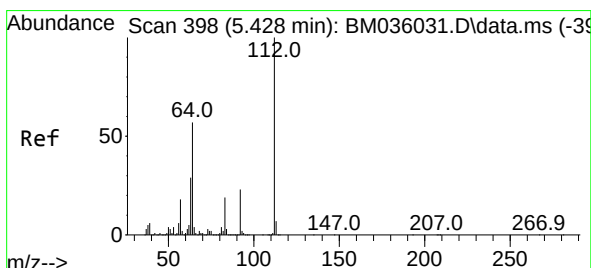
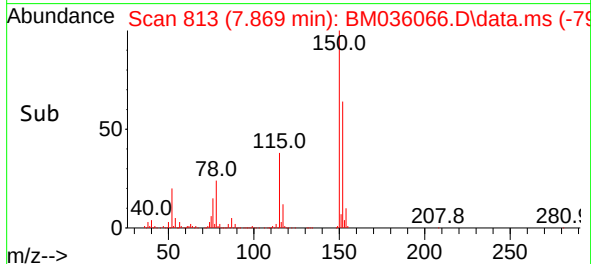
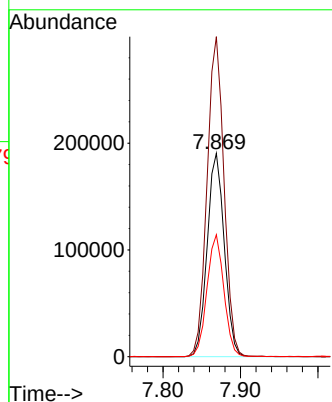
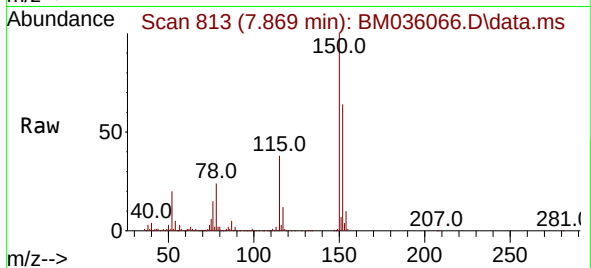




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

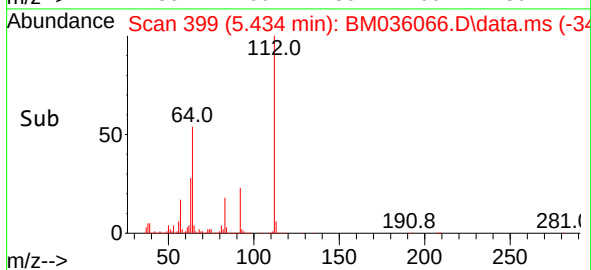
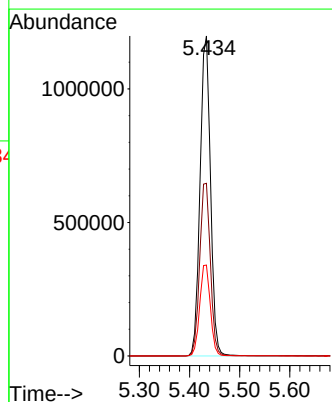
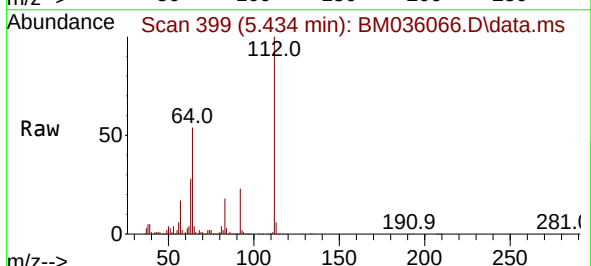
Instrument :
BNA_M
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COMP-1

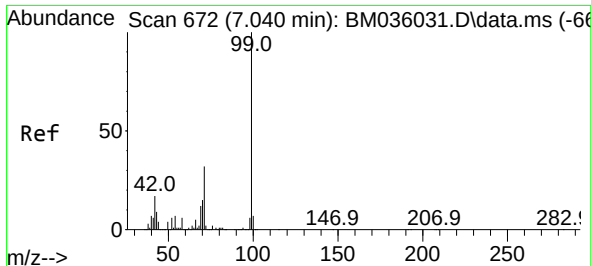
Tgt Ion:152 Resp: 291945
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 59.9 47.9 71.9



#5
2-Fluorophenol
Concen: 95.844 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Tgt Ion:112 Resp: 1725897
Ion Ratio Lower Upper
112 100
64 53.9 47.8 71.6
63 28.4 26.6 40.0

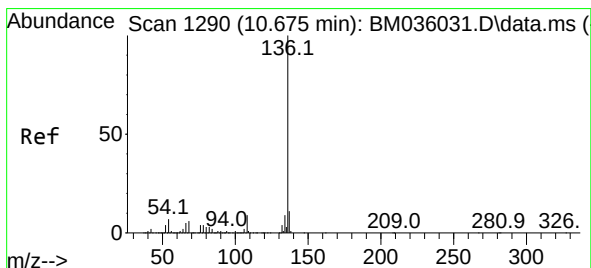
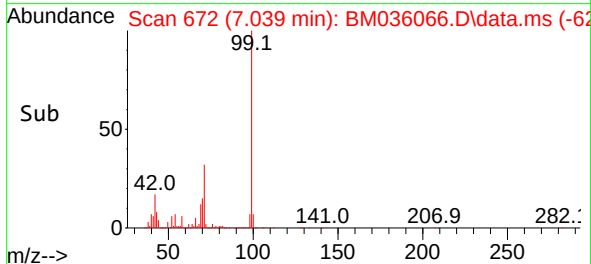
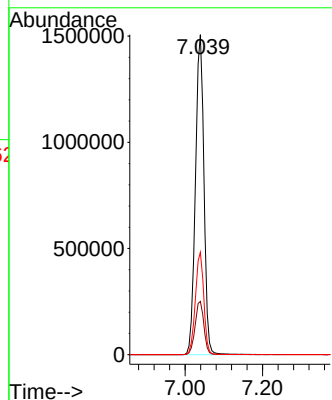
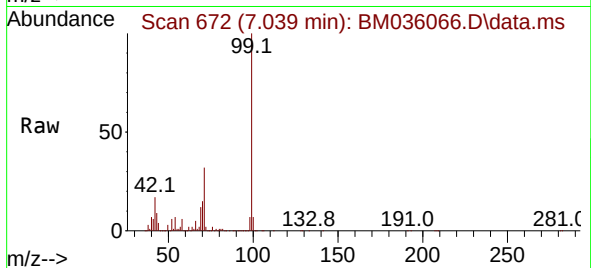




#7
Phenol-d6
Concen: 100.231 ng
RT: 7.039 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

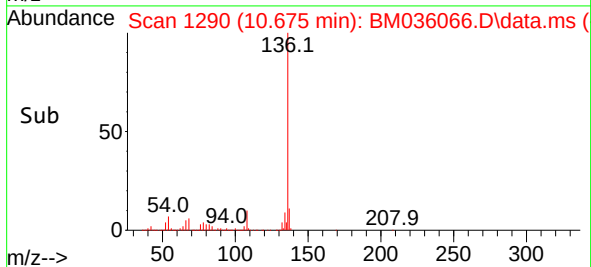
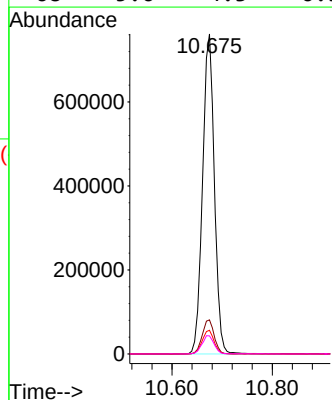
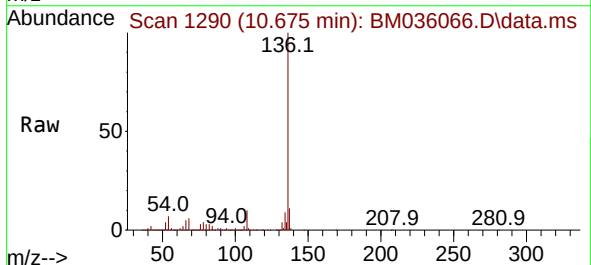
Instrument :
BNA_M
ClientSampleId :
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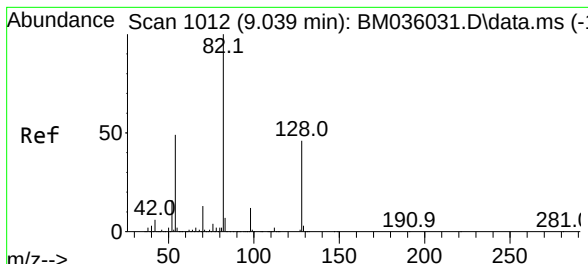
Tgt Ion: 99 Resp: 2296582
Ion Ratio Lower Upper
99 100
42 16.7 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Tgt Ion: 136 Resp: 1245836
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.4 7.0 10.4
68 5.6 4.3 6.5

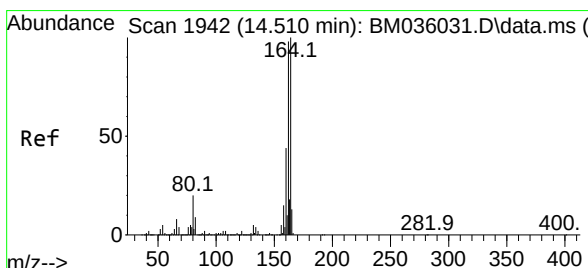
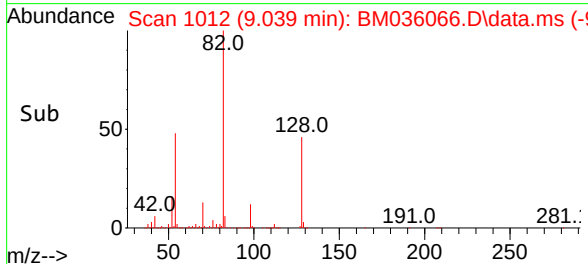
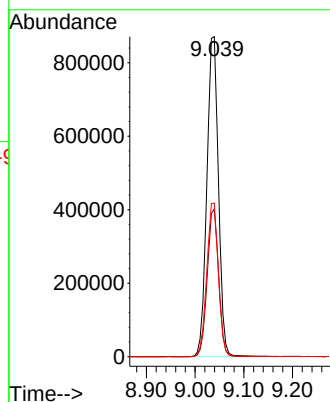
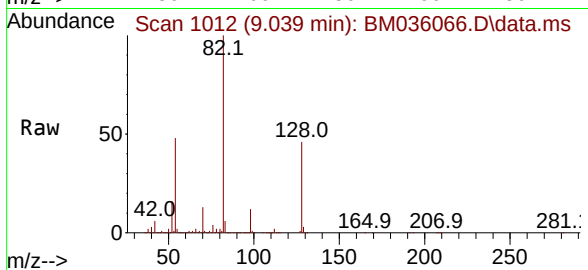




#23
 Nitrobenzene-d5
 Concen: 64.503 ng
 RT: 9.039 min Scan# 1012
 Delta R.T. -0.000 min
 Lab File: BM036066.D
 Acq: 02 Aug 2022 23:56

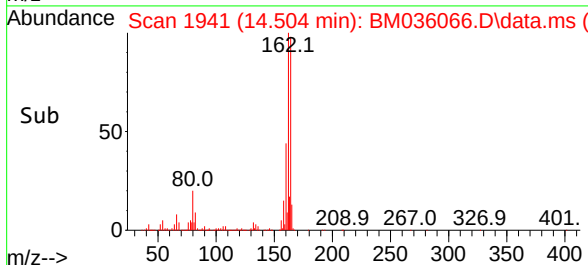
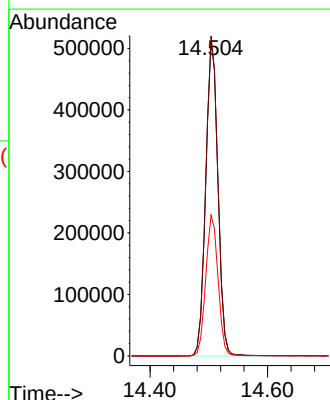
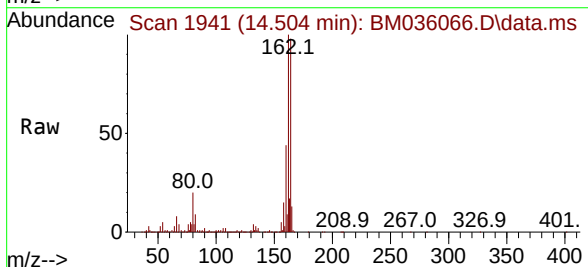
Instrument :
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 ClientSampleId :
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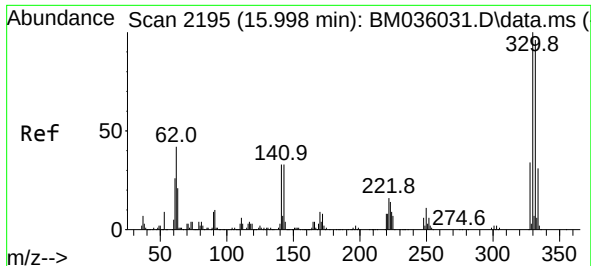
Tgt Ion: 82 Resp: 1435595
 Ion Ratio Lower Upper
 82 100
 128 46.1 33.7 50.5
 54 48.0 43.2 64.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.504 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: BM036066.D
 Acq: 02 Aug 2022 23:56

Tgt Ion: 164 Resp: 737602
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.0 124.6
 160 44.9 37.0 55.4

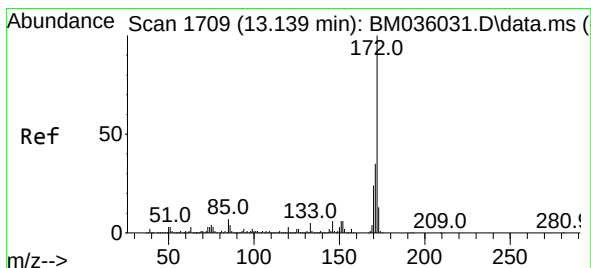
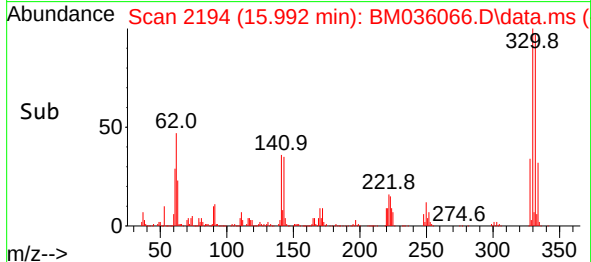
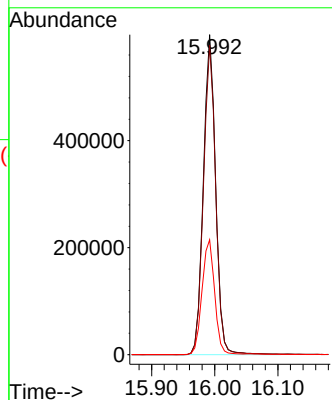
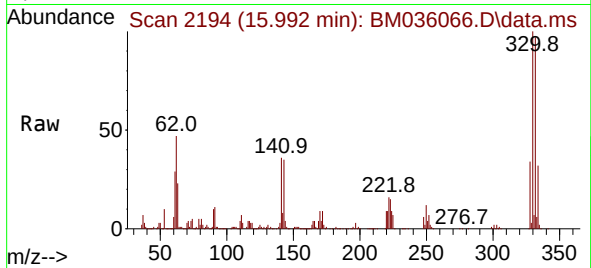




#42
2,4,6-Tribromophenol
Concen: 93.481 ng
RT: 15.992 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

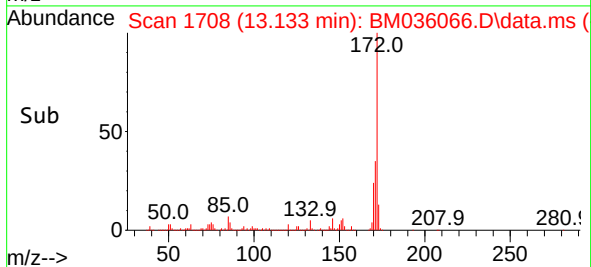
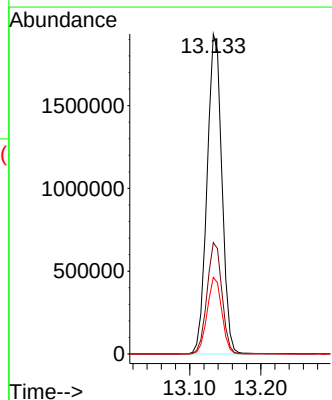
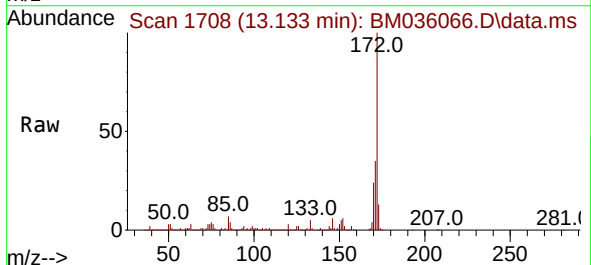
Instrument :
BNA_M
ClientSampleId :
COMP-1

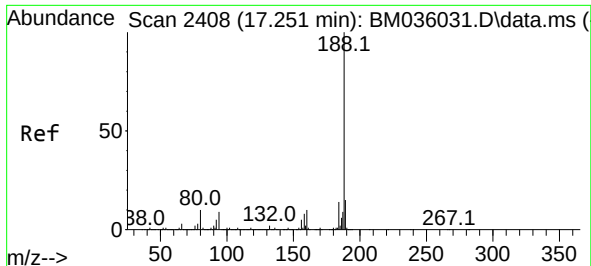
Tgt Ion:330 Resp: 808892
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.9 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 56.209 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Tgt Ion:172 Resp: 2808029
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.9 18.7 28.1

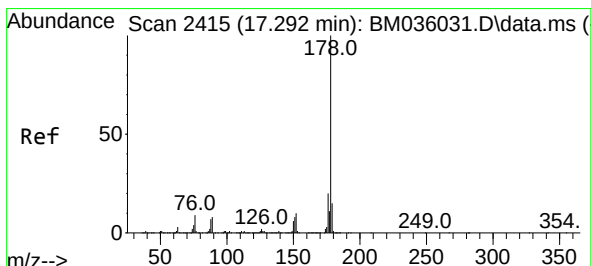
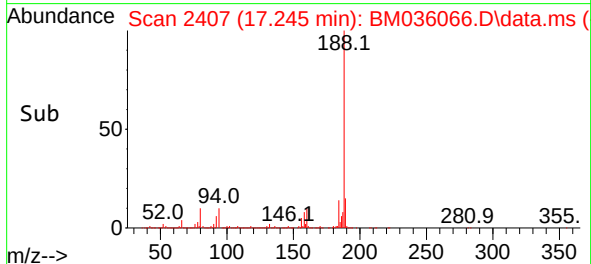
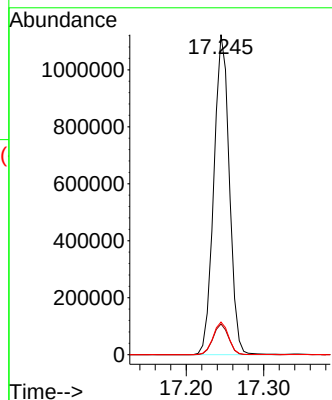
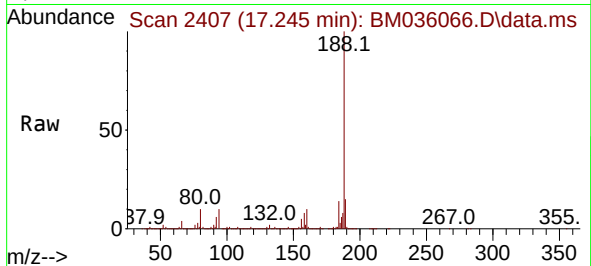




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

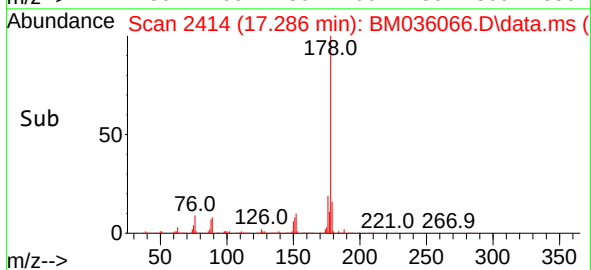
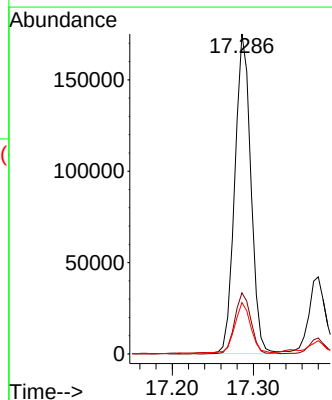
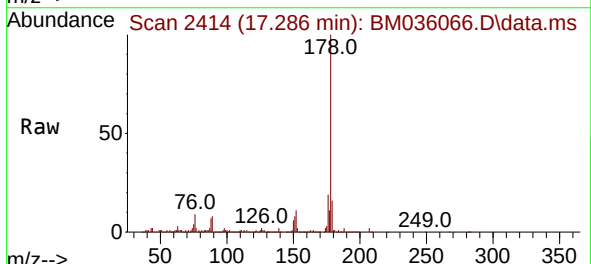
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ClientSampleId :
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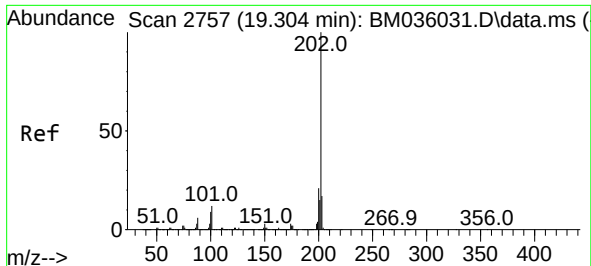
Tgt Ion:188 Resp: 1559875
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.2 7.6 11.4



#71
Phenanthrene
Concen: 3.026 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Tgt Ion:178 Resp: 240461
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.1 12.4 18.6

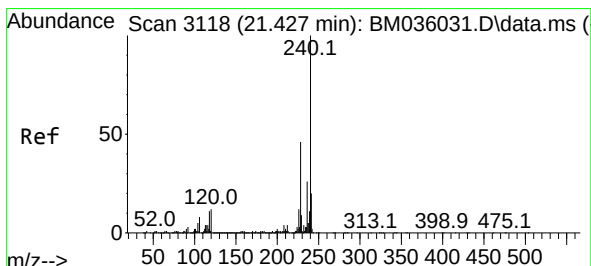
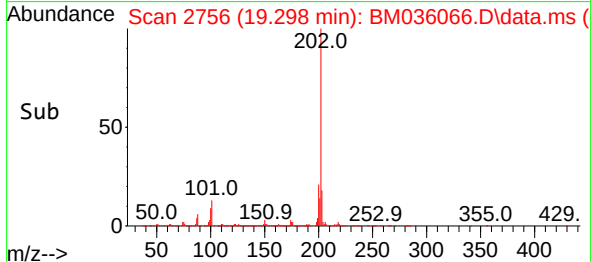
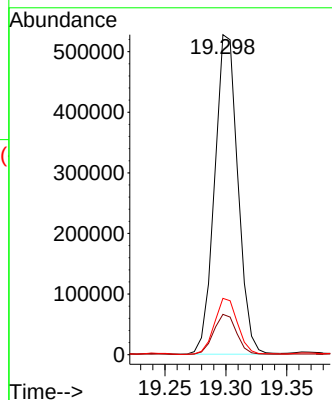
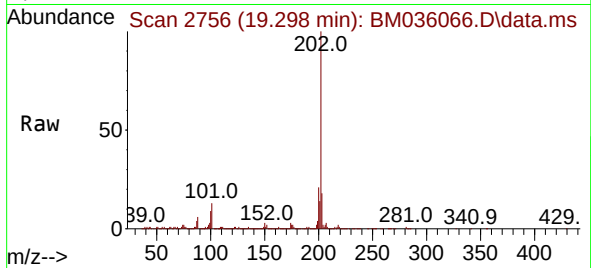




#75
Fluoranthene
Concen: 7.865 ng
RT: 19.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

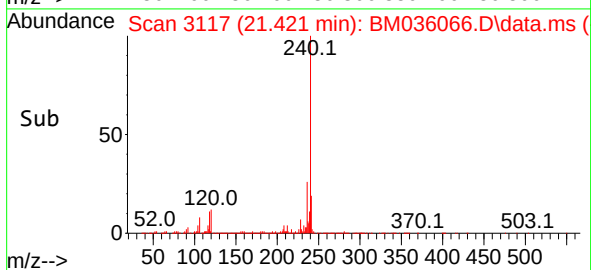
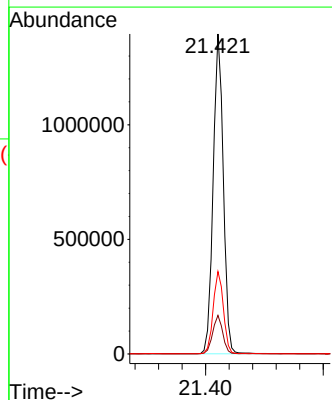
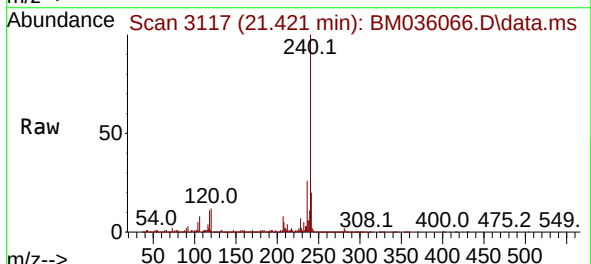
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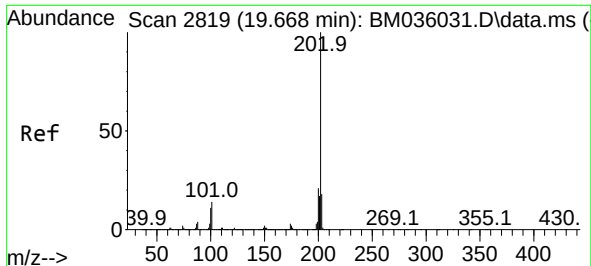
Tgt Ion:202 Resp: 699677
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.6
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Tgt Ion:240 Resp: 1675274
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.0
236 25.8 20.6 30.8

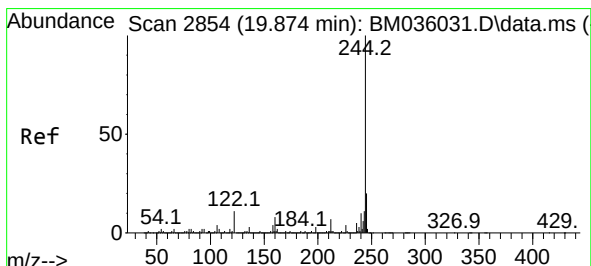
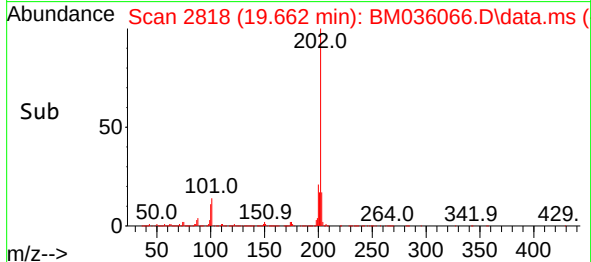
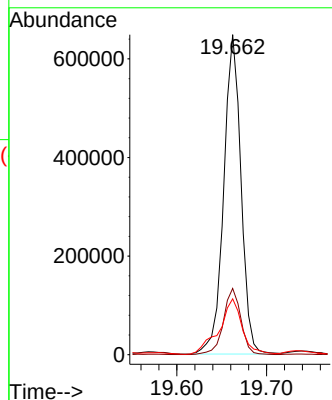
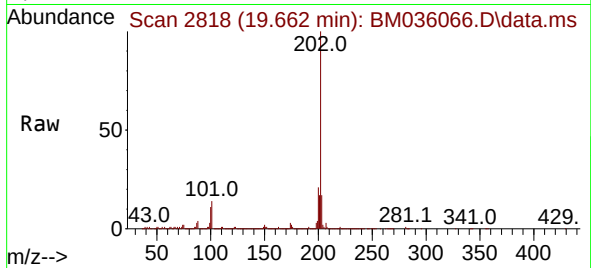




#78
Pyrene
Concen: 8.339 ng
RT: 19.662 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

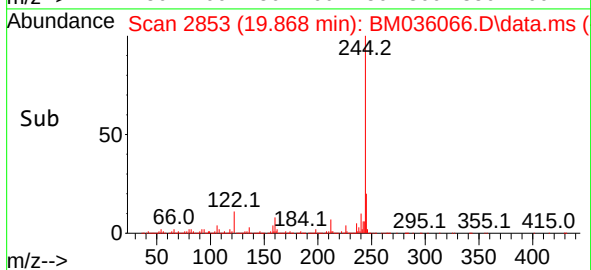
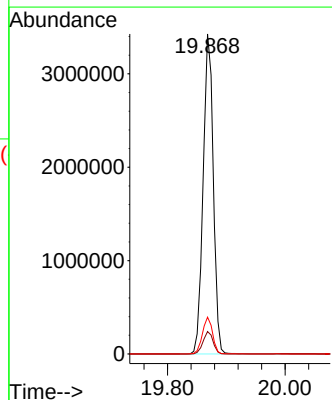
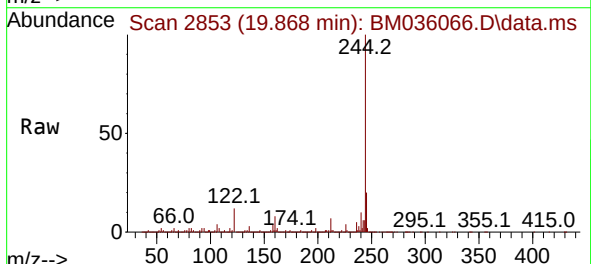
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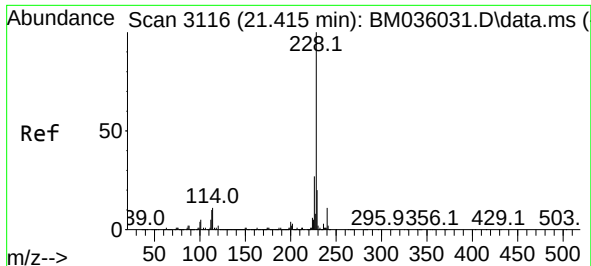
Tgt Ion:202 Resp: 866272
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.4 13.9 20.9



#79
Terphenyl-d14
Concen: 48.587 ng
RT: 19.868 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Tgt Ion:244 Resp: 4126668
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.4
122 11.5 8.3 12.5

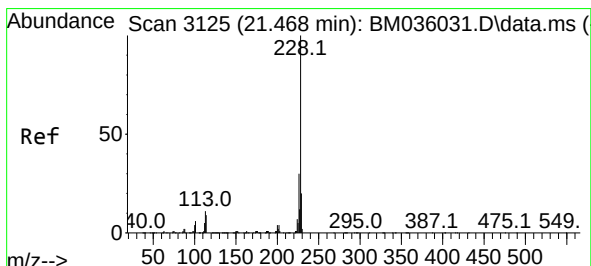
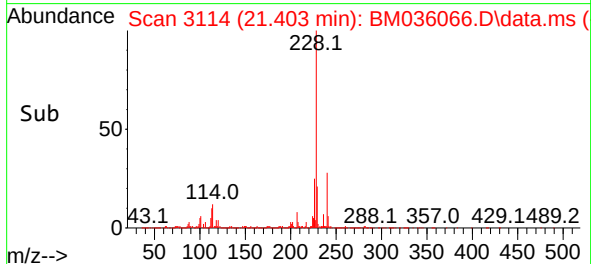
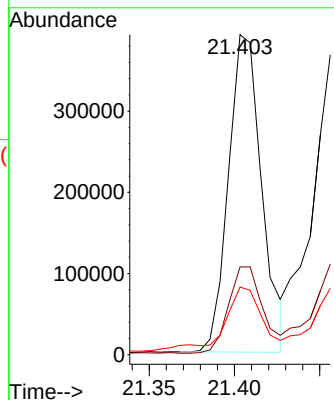
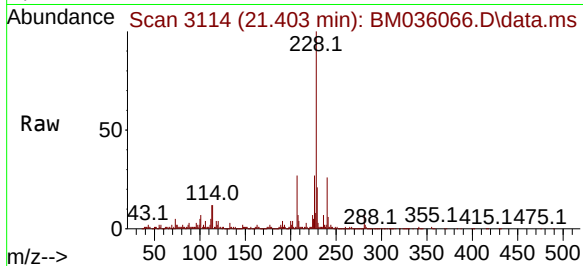




#81
Benzo(a)anthracene
Concen: 5.140 ng
RT: 21.403 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

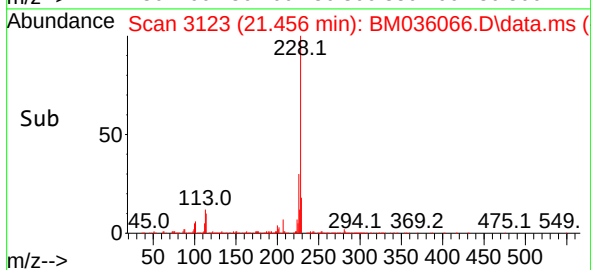
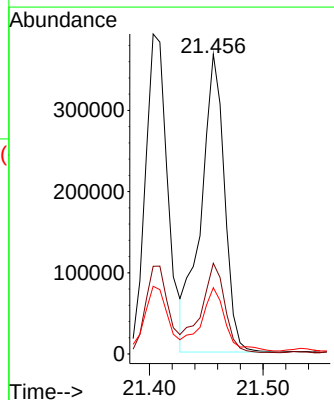
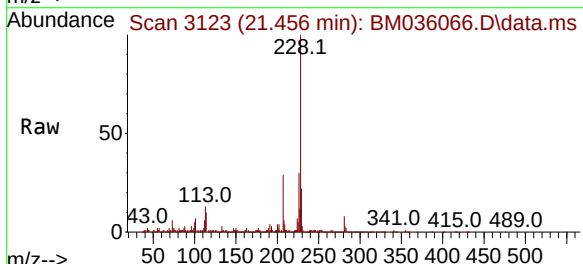
Instrument :
BNA_M
ClientSampleId :
COMP-1

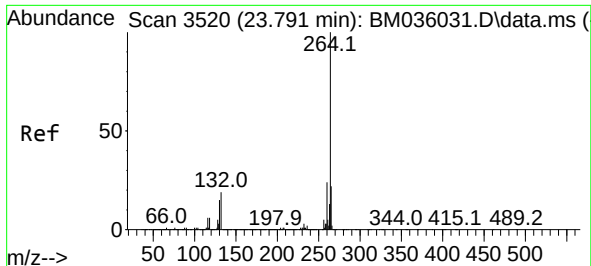
Tgt Ion:228 Resp: 530427
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 21.2 15.8 23.6



#83
Chrysene
Concen: 5.401 ng
RT: 21.456 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Tgt Ion:228 Resp: 529743
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.1 15.8 23.8

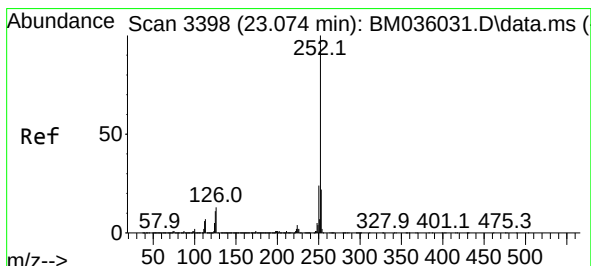
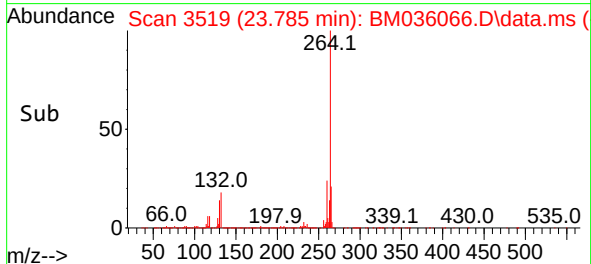
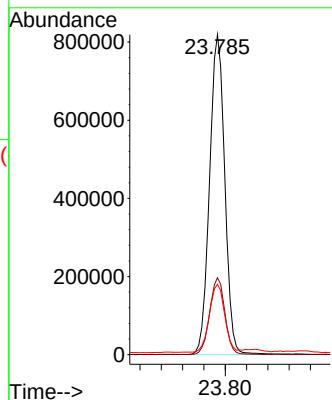
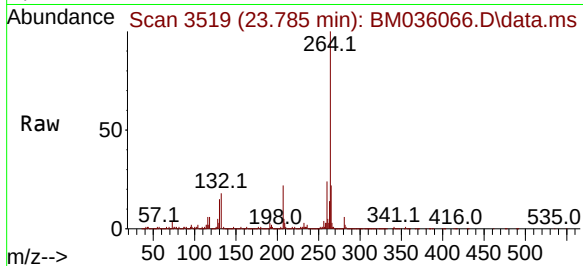




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.785 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

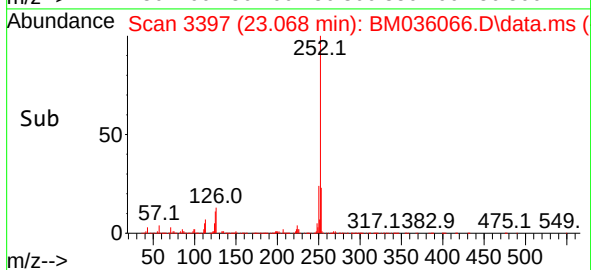
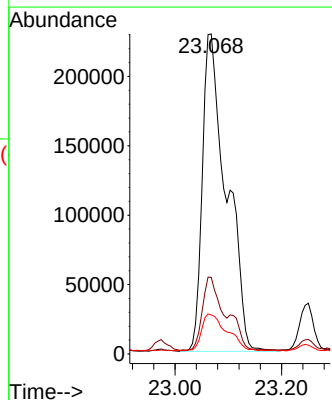
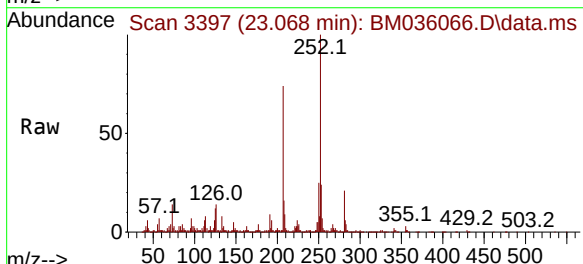
Instrument :
BNA_M
ClientSampleId :
COMP-1

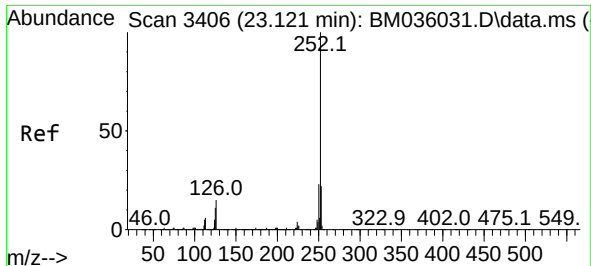
Tgt Ion:264 Resp: 1620221
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 22.0 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 7.598 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Tgt Ion:252 Resp: 721294
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 12.2 7.6 11.4#

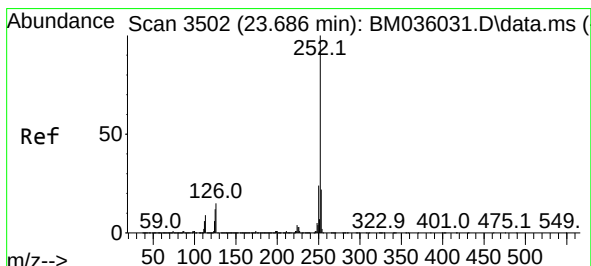
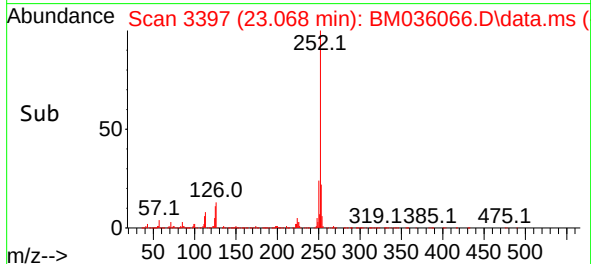
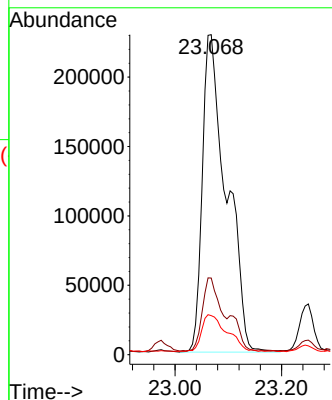
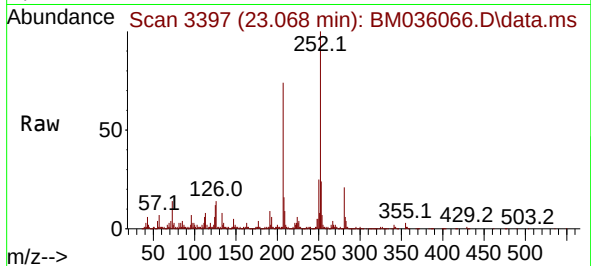




#89
Benzo(k)fluoranthene
Concen: 7.523 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.053 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

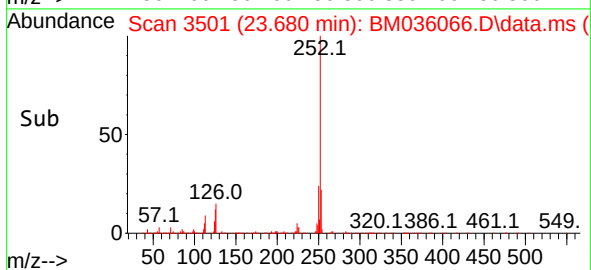
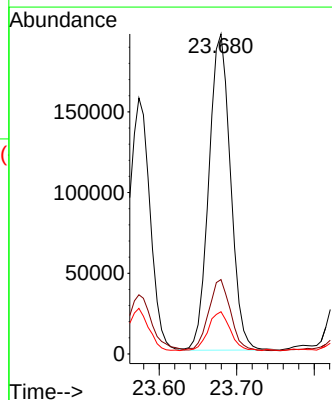
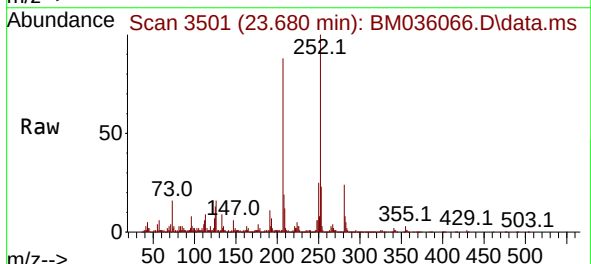
Instrument :
BNA_M
ClientSampleId :
COMP-1

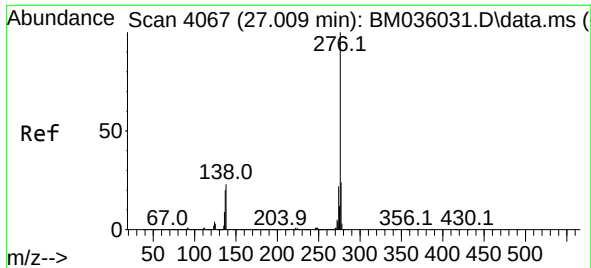
Tgt Ion:252 Resp: 721294
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 12.2 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 4.780 ng
RT: 23.680 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

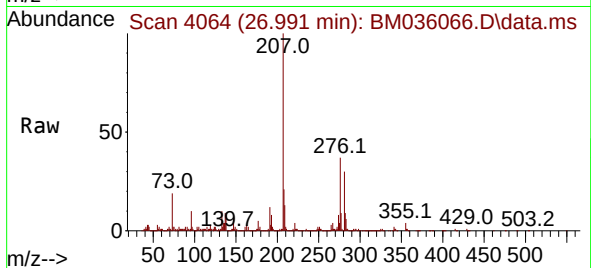
Tgt Ion:252 Resp: 380706
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 13.2 8.7 13.1#





#92
Benzo(g,h,i)perylene
Concen: 2.263 ng
RT: 26.991 min Scan# 4064
Delta R.T. -0.018 min
Lab File: BM036066.D
Acq: 02 Aug 2022 23:56

Instrument :
BNA_M
ClientSampleId :
COMP-1



Tgt Ion:276 Resp: 208821
Ion Ratio Lower Upper
276 100
277 24.7 18.7 28.1
138 21.2 17.6 26.4

