

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041317.D
 Acq On : 07 Aug 2023 18:06
 Operator : MA/JU
 Sample : 03903-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-09W

Quant Time: Aug 08 02:57:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

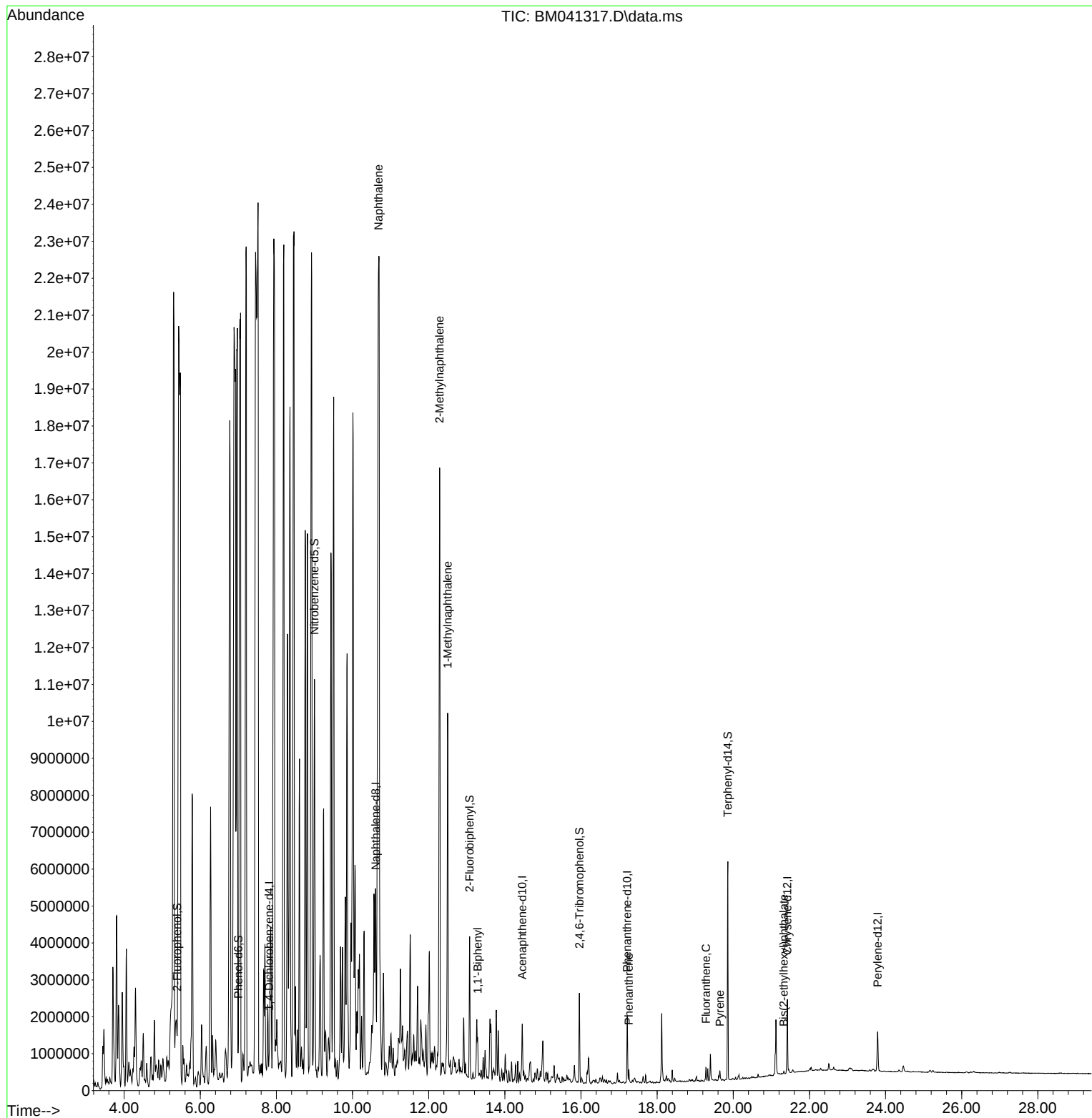
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	162593	20.000	ng	0.02
21) Naphthalene-d8	10.610	136	680502	20.000	ng	0.02
39) Acenaphthene-d10	14.457	164	458062	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	994947	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	846272	20.000	ng	0.00
86) Perylene-d12	23.792	264	807594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	346431	31.845	ng	0.04
7) Phenol-d6	6.999	99	313009	22.197	ng	0.03
23) Nitrobenzene-d5	8.999	82	725849	49.604	ng	0.04
42) 2,4,6-Tribromophenol	15.957	330	432280	66.720	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1810976	49.943	ng	0.00
79) Terphenyl-d14	19.857	244	2819605	60.241	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.681	128	25346836	686.387	ng	94
37) 2-Methylnaphthalene	12.287	142	8550396	343.444	ng	98
38) 1-Methylnaphthalene	12.498	142	4130286	177.256	ng	99
46) 1,1'-Biphenyl	13.287	154	494630	13.320	ng	98
71) Phenanthrene	17.257	178	195297	3.533	ng	98
75) Fluoranthene	19.286	202	183108	2.948	ng	98
78) Pyrene	19.645	202	159293	2.692	ng	98
84) Bis(2-ethylhexyl)phtha...	21.327	149	16393	2.992	ng	# 91

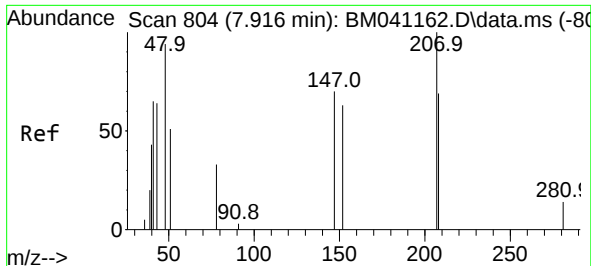
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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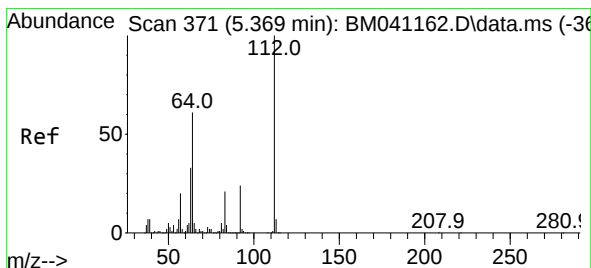
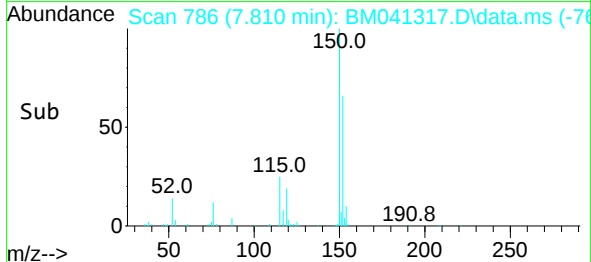
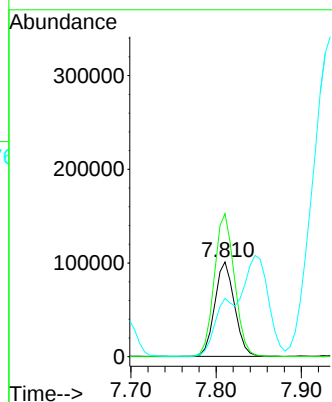
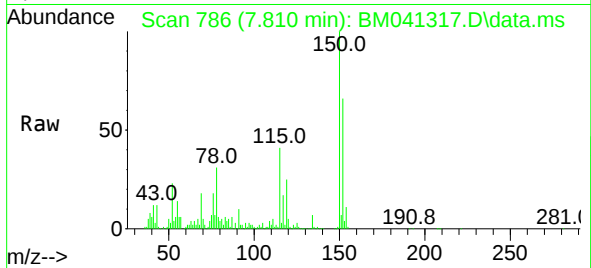




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 71
Delta R.T. 0.023 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

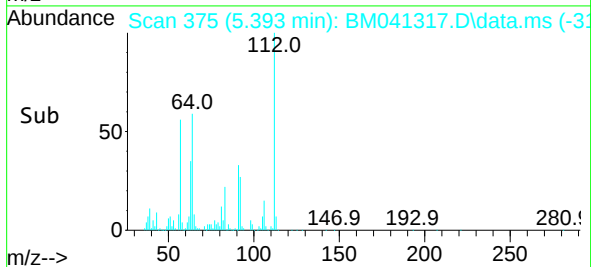
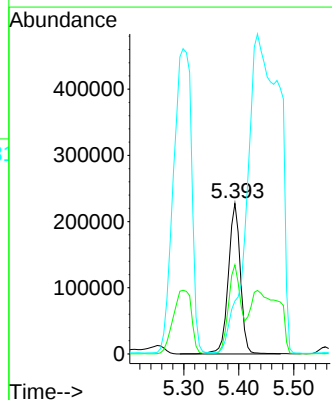
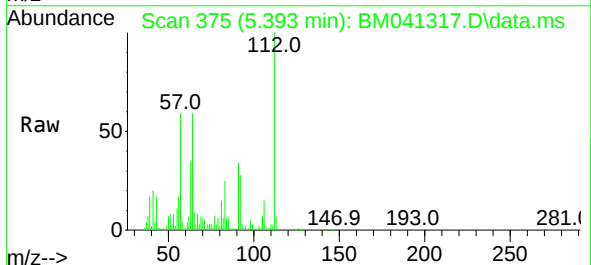
Instrument :
BNA_M
ClientSampleId :
MW-09W

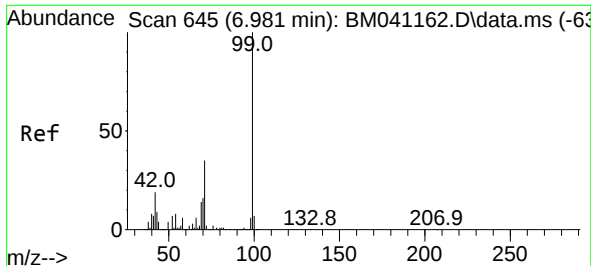
Tgt Ion:152 Resp: 162593
Ion Ratio Lower Upper
152 100
150 151.0 125.5 188.3
115 61.5 48.0 72.0



#5
2-Fluorophenol
Concen: 31.845 ng
RT: 5.393 min Scan# 375
Delta R.T. 0.036 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

Tgt Ion:112 Resp: 346431
Ion Ratio Lower Upper
112 100
64 59.2 48.5 72.7
63 35.1 26.5 39.7

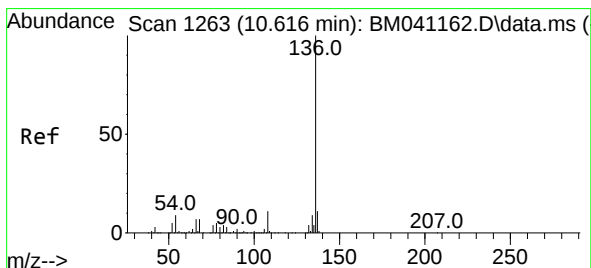
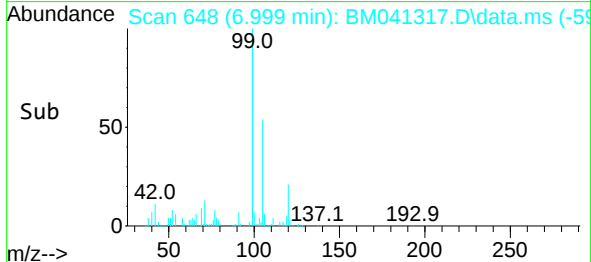
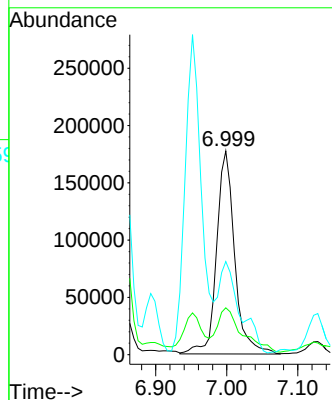
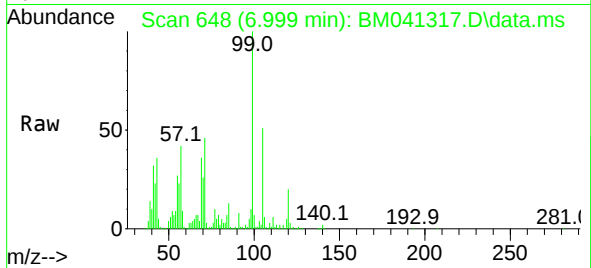




#7
Phenol-d6
Concen: 22.197 ng
RT: 6.999 min Scan# 645
Delta R.T. 0.030 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

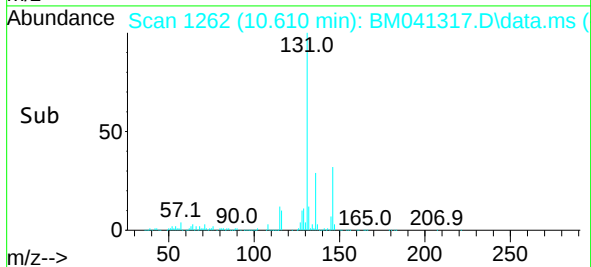
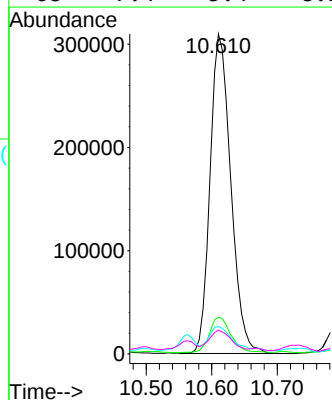
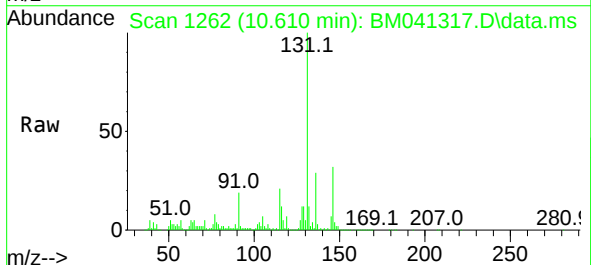
Instrument :
BNA_M
ClientSampleId :
MW-09W

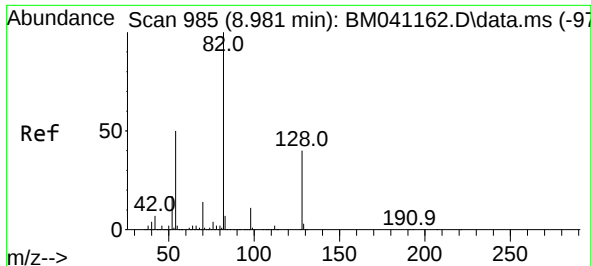
Tgt Ion: 99 Resp: 313009
Ion Ratio Lower Upper
99 100
42 23.0 15.4 23.0
71 45.7 28.2 42.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.018 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

Tgt Ion: 136 Resp: 680502
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.6 6.9 10.3
68 7.4 5.4 8.2

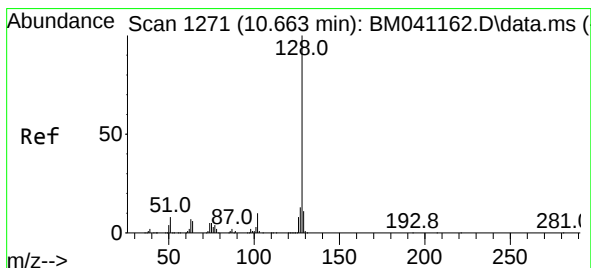
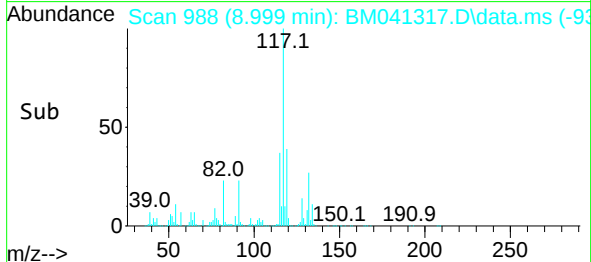
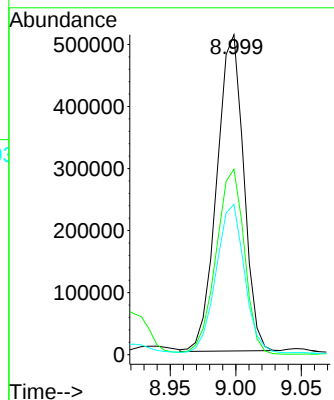
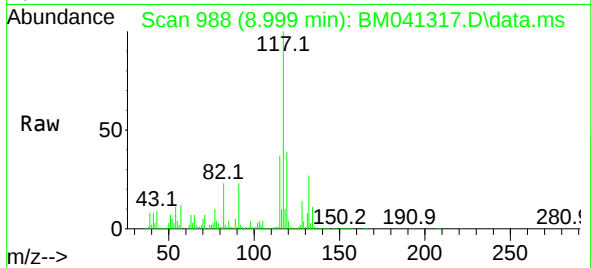




#23
Nitrobenzene-d5
Concen: 49.604 ng
RT: 8.999 min Scan# 91
Delta R.T. 0.036 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

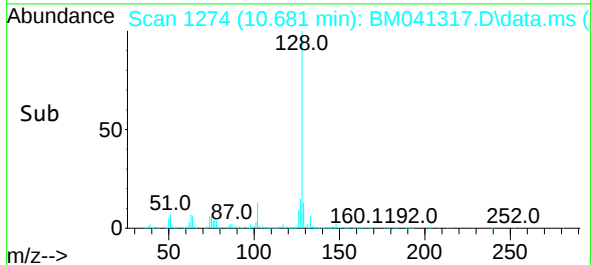
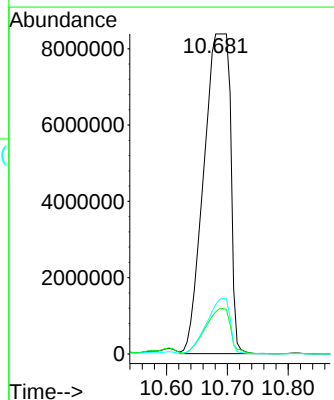
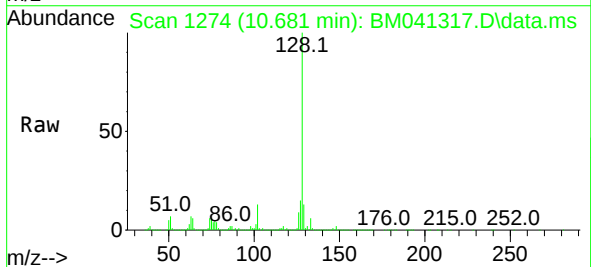
Instrument :
BNA_M
ClientSampleId :
MW-09W

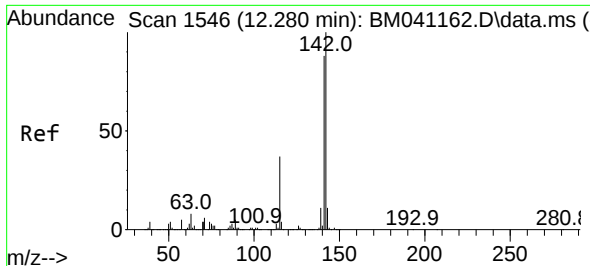
Tgt Ion: 82 Resp: 725849
Ion Ratio Lower Upper
82 100
128 58.0 31.8 47.6#
54 47.0 40.1 60.1



#31
Naphthalene
Concen: 686.387 ng
RT: 10.681 min Scan# 1274
Delta R.T. 0.036 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

Tgt Ion: 128 Resp: 25346836
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.4
127 15.4 10.5 15.7

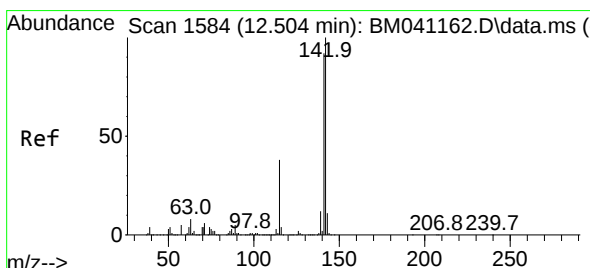
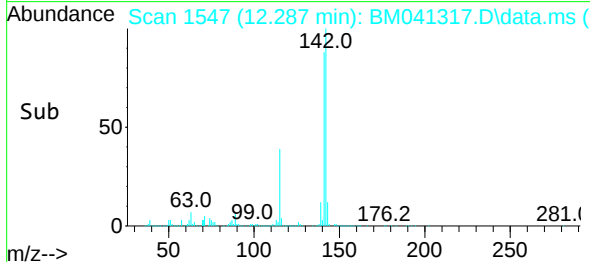
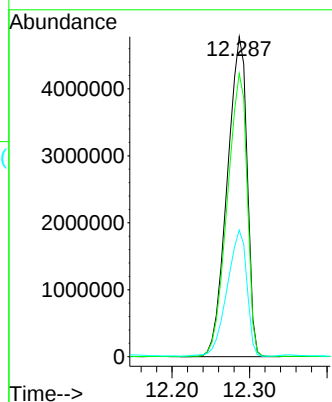
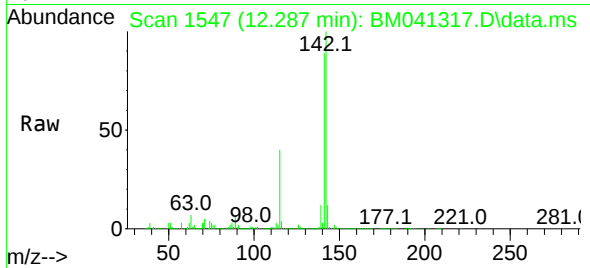




#37
2-Methylnaphthalene
Concen: 343.444 ng
RT: 12.287 min Scan# 1546
Delta R.T. 0.024 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

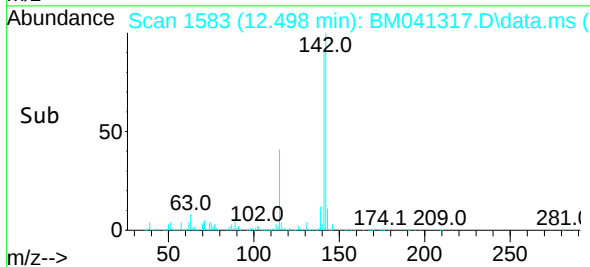
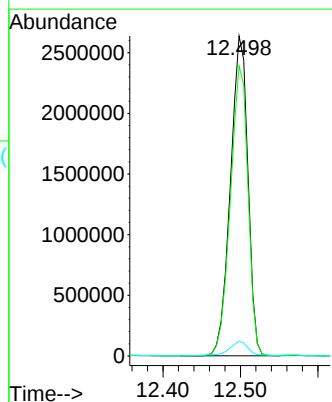
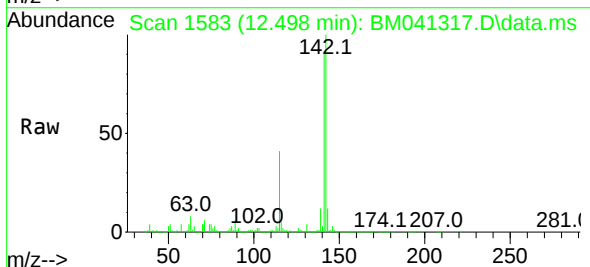
Instrument :
BNA_M
ClientSampleId :
MW-09W

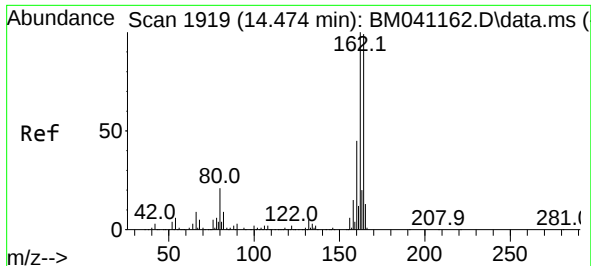
Tgt Ion:142 Resp: 8550396
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1
115 39.6 29.3 43.9



#38
1-Methylnaphthalene
Concen: 177.256 ng
RT: 12.498 min Scan# 1583
Delta R.T. 0.018 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

Tgt Ion:142 Resp: 4130286
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2
116 4.5 3.2 4.8

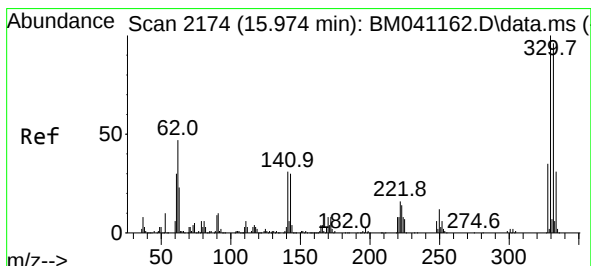
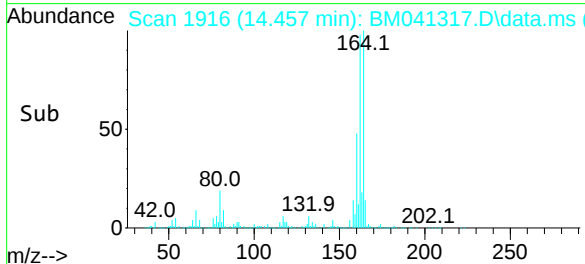
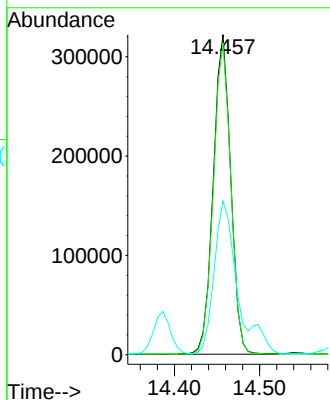
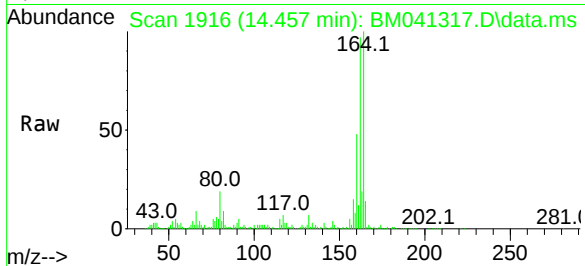




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

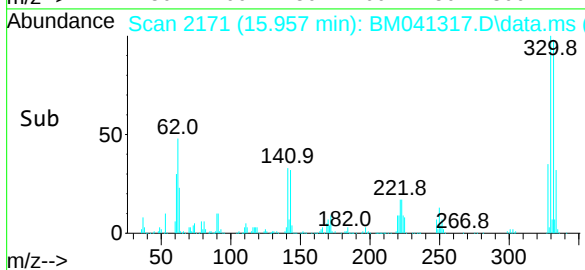
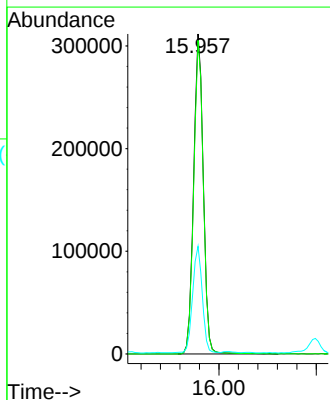
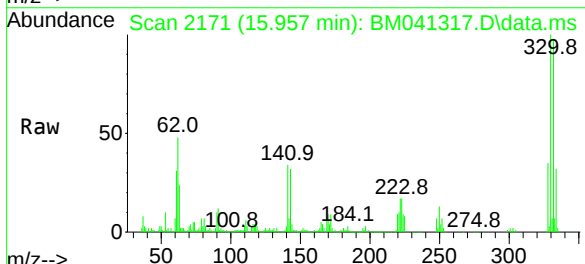
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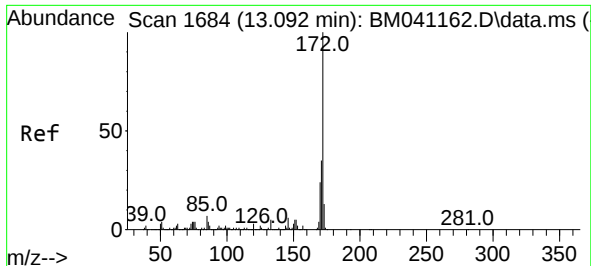
Tgt Ion:164 Resp: 458062
Ion Ratio Lower Upper
164 100
162 97.4 80.4 120.6
160 48.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 66.720 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

Tgt Ion:330 Resp: 432280
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 33.0 28.3 42.5

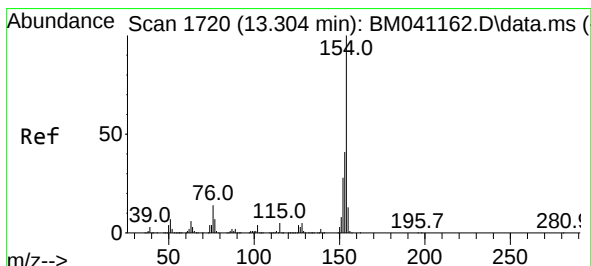
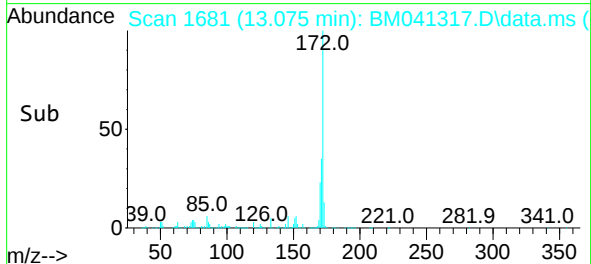
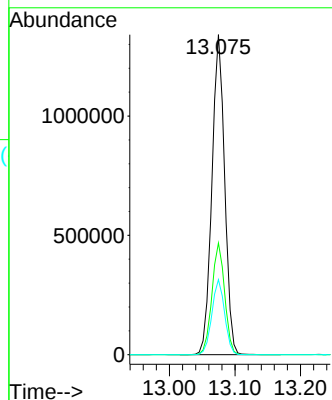
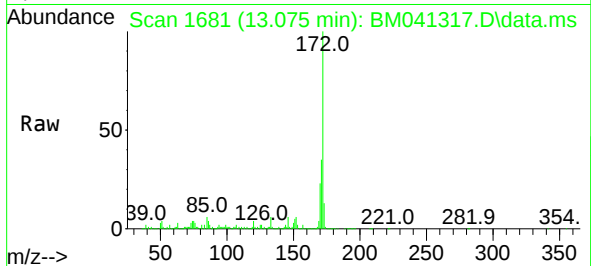




#45
2-Fluorobiphenyl
Concen: 49.943 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

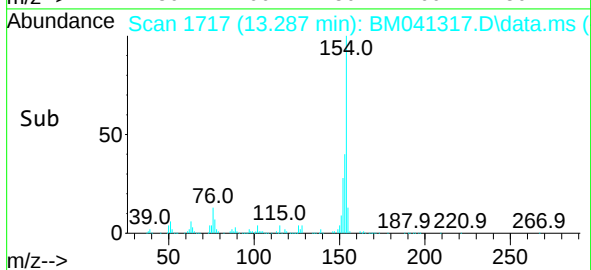
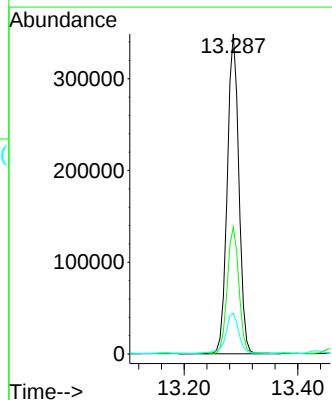
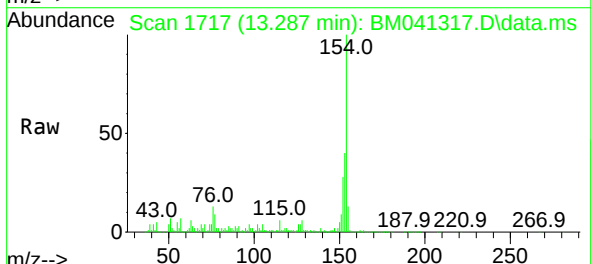
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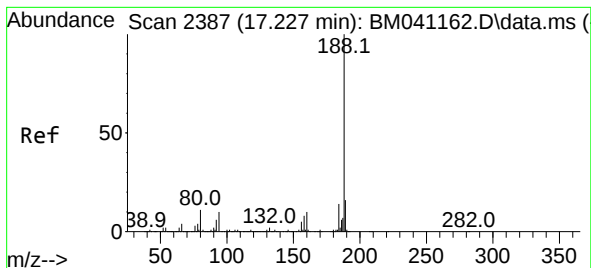
Tgt Ion:172 Resp: 1810976
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 13.320 ng
RT: 13.287 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

Tgt Ion:154 Resp: 494630
Ion Ratio Lower Upper
154 100
153 39.7 20.5 60.5
76 12.7 0.0 34.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041317.D

Acq: 07 Aug 2023 18:06

Instrument :

BNA_M

ClientSampleId :

MW-09W

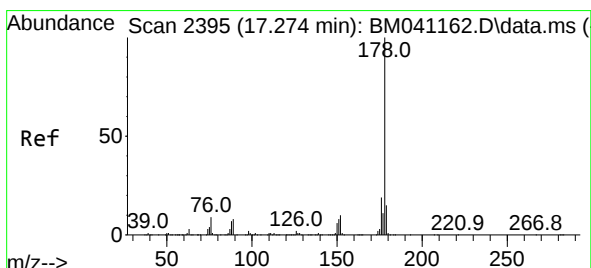
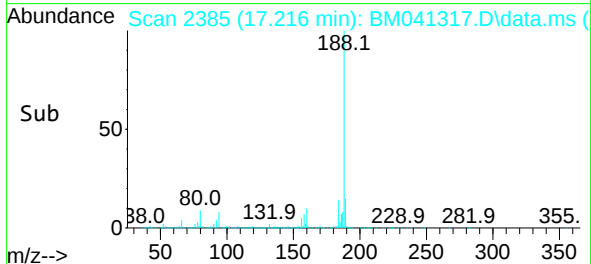
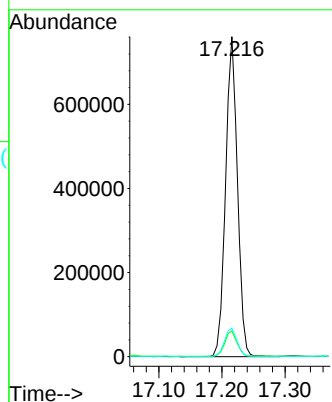
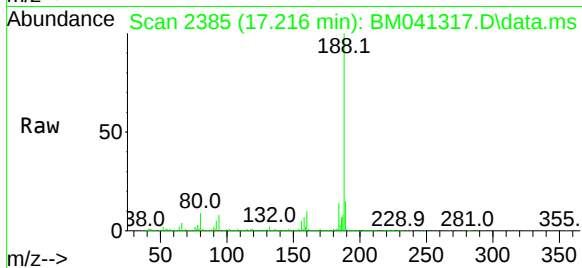
Tgt Ion:188 Resp: 994947

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

80 8.9 8.6 13.0



#71

Phenanthrene

Concen: 3.533 ng

RT: 17.257 min Scan# 2392

Delta R.T. 0.000 min

Lab File: BM041317.D

Acq: 07 Aug 2023 18:06

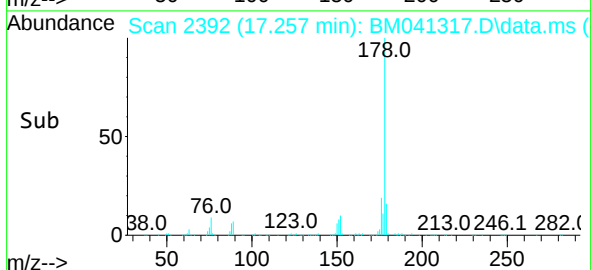
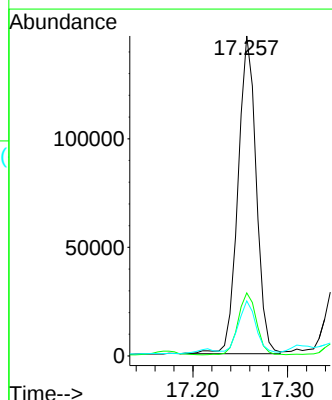
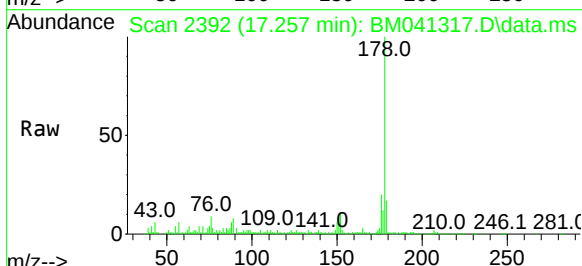
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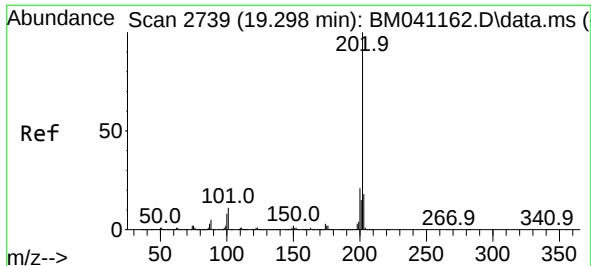
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 17.2 12.1 18.1

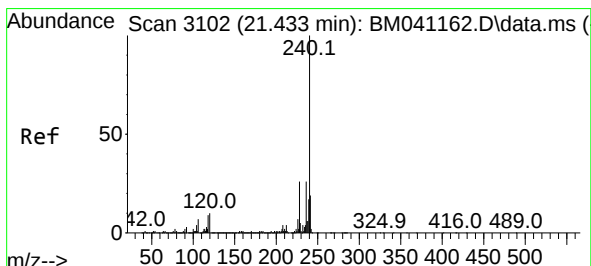
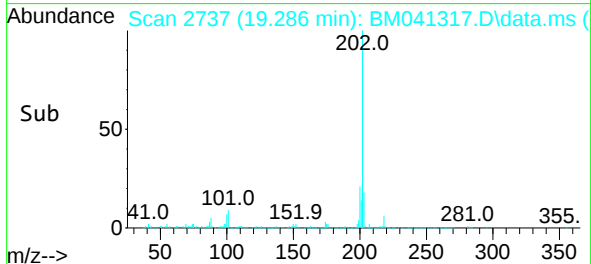
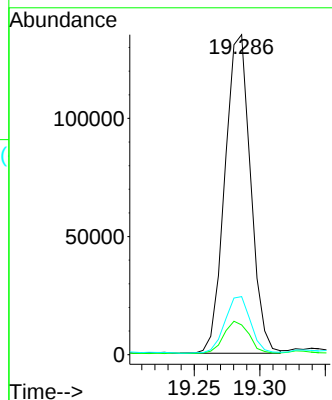
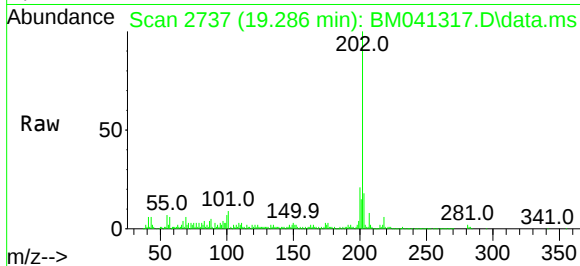




#75
Fluoranthene
Concen: 2.948 ng
RT: 19.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

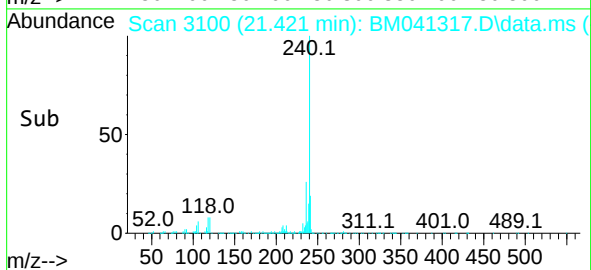
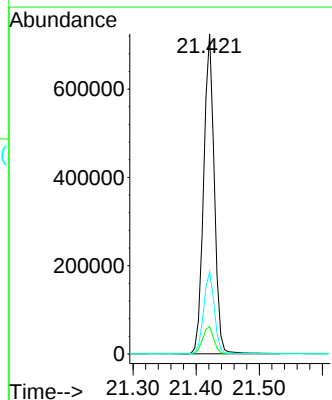
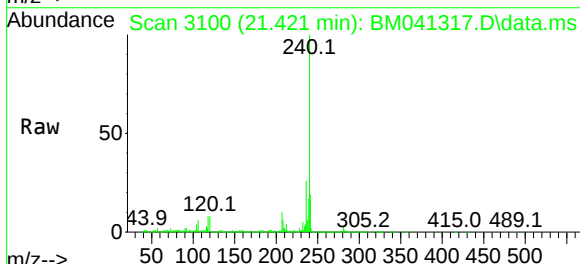
Instrument :
BNA_M
ClientSampleId :
MW-09W

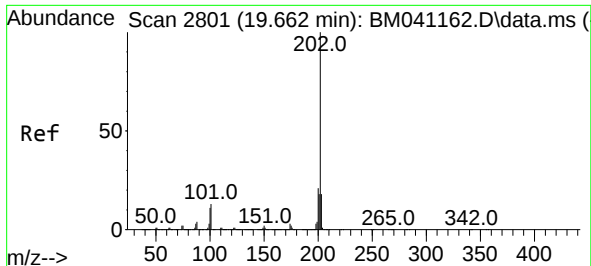
Tgt Ion:202 Resp: 183108
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.8
203 18.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

Tgt Ion:240 Resp: 846272
Ion Ratio Lower Upper
240 100
120 8.5 8.3 12.5
236 25.7 20.6 30.8

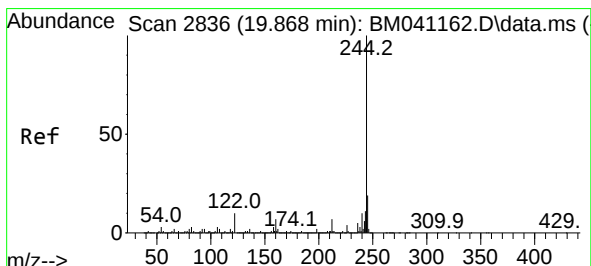
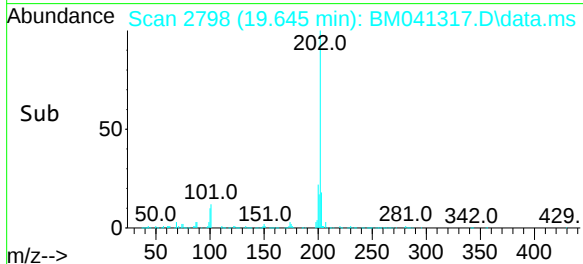
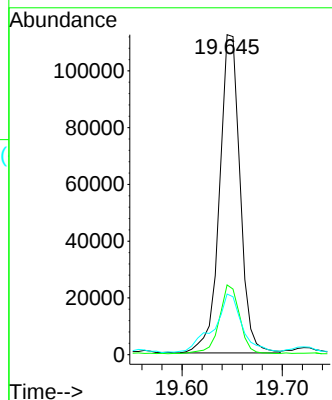
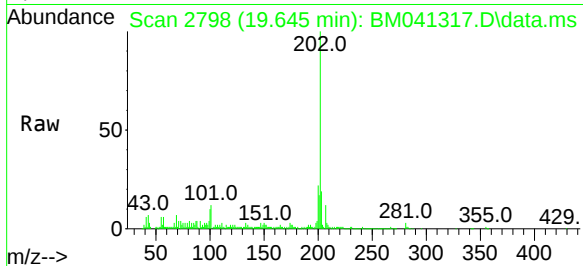




#78
Pyrene
Concen: 2.692 ng
RT: 19.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

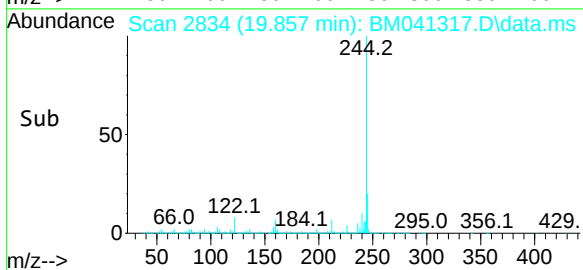
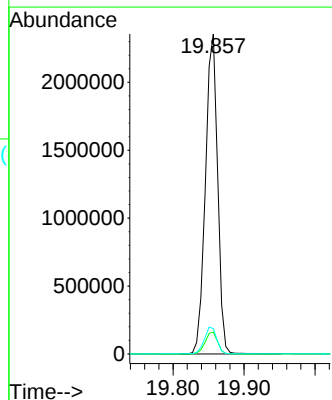
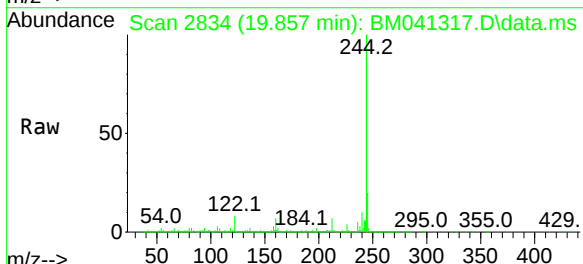
Instrument :
BNA_M
ClientSampleId :
MW-09W

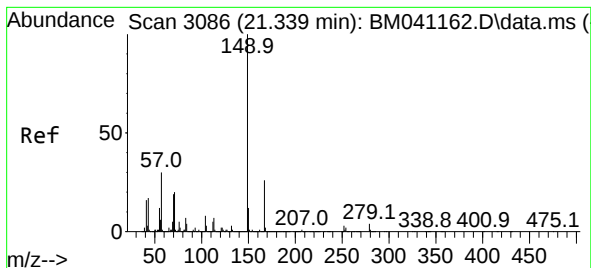
Tgt Ion:202 Resp: 159293
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 19.0 14.1 21.1



#79
Terphenyl-d14
Concen: 60.241 ng
RT: 19.857 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BM041317.D
Acq: 07 Aug 2023 18:06

Tgt Ion:244 Resp: 2819605
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 8.0 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.992 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM041317.D

Acq: 07 Aug 2023 18:06

Instrument :

BNA_M

ClientSampleId :

MW-09W

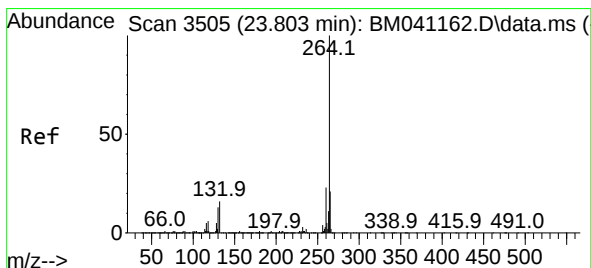
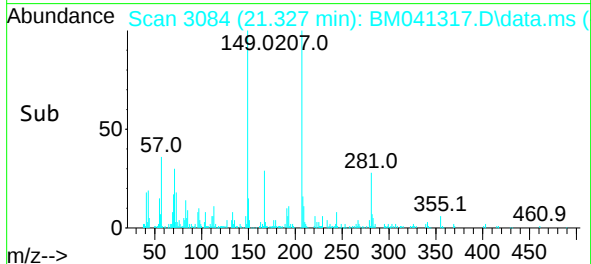
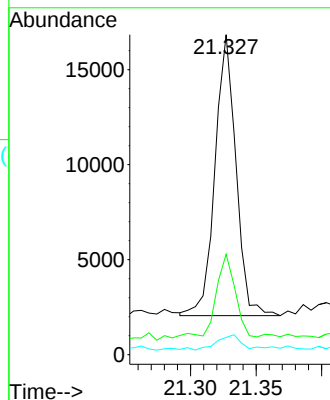
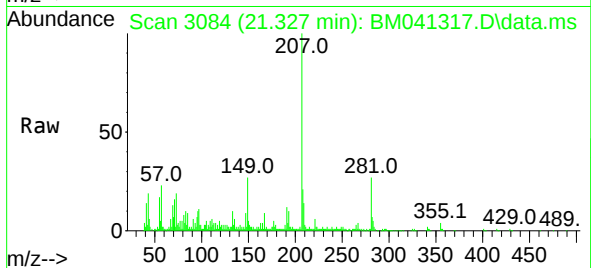
Tgt Ion:149 Resp: 16393

Ion Ratio Lower Upper

149 100

167 31.4 21.0 31.6

279 5.4 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3503

Delta R.T. 0.006 min

Lab File: BM041317.D

Acq: 07 Aug 2023 18:06

Tgt Ion:264 Resp: 807594

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.4 17.4 26.0

