

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035400.D
 Acq On : 03 Jun 2022 18:10
 Operator : CG/JU
 Sample : N3139-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Quant Time: Jun 04 00:46:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

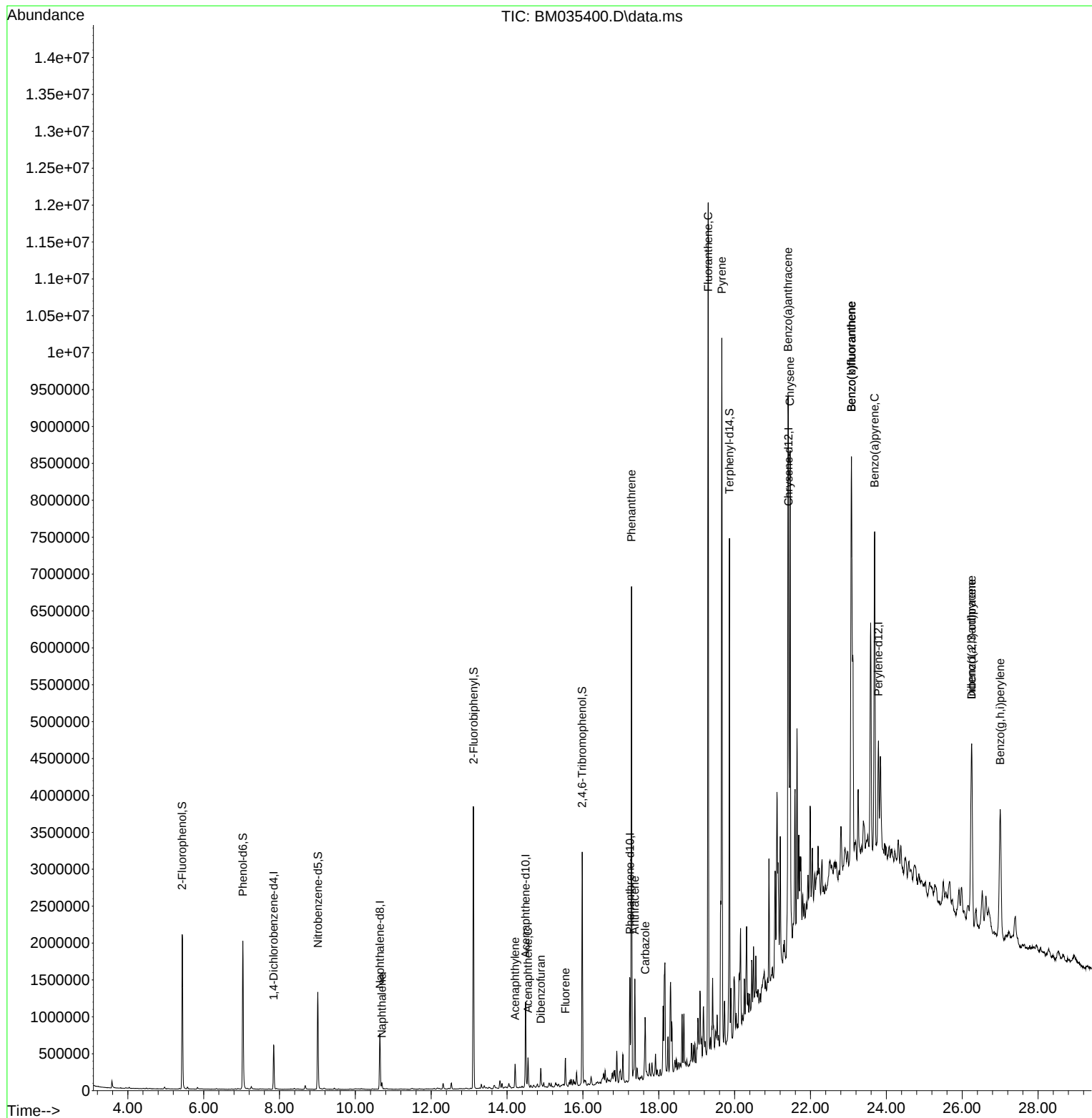
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	184719	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	674764	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	432356	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	919288	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	955137	20.000	ng	0.00
86) Perylene-d12	23.791	264	1101646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1014051	115.356	ng	0.00
7) Phenol-d6	7.034	99	1262667	105.155	ng	0.00
23) Nitrobenzene-d5	9.010	82	765346	72.020	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	681309	98.214	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2179368	72.398	ng	0.00
79) Terphenyl-d14	19.862	244	3296168	68.753	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.998	77	3890	Below Cal		90
31) Naphthalene	10.698	128	68299	2.089	ng	99
49) Acenaphthylene	14.210	152	246261	6.725	ng	99
52) Acenaphthene	14.551	154	144652	6.524	ng	99
55) Dibenzofuran	14.886	168	149225	3.919	ng	91
58) Fluorene	15.539	166	171840	5.776	ng	98
71) Phenanthrene	17.280	178	4200624	90.277	ng	100
72) Anthracene	17.368	178	901463	19.446	ng	99
73) Carbazole	17.645	167	536891	12.298	ng	97
75) Fluoranthene	19.304	202	7264471	129.332	ng	97
78) Pyrene	19.662	202	6386183	110.257	ng	97
81) Benzo(a)anthracene	21.409	228	3987141	67.991	ng	98
83) Chrysene	21.462	228	3815975	68.151	ng	97
87) Indeno(1,2,3-cd)pyrene	26.250	276	2537590	34.723	ng	# 93
88) Benzo(b)fluoranthene	23.080	252	6829013	107.625	ng	98
89) Benzo(k)fluoranthene	23.080	252	6827979	105.158	ng	98
90) Benzo(a)pyrene	23.691	252	3468938	64.210	ng	96
91) Dibenzo(a,h)anthracene	26.250	278	742295	12.169	ng	93
92) Benzo(g,h,i)perylene	27.003	276	2453857	41.708	ng	95

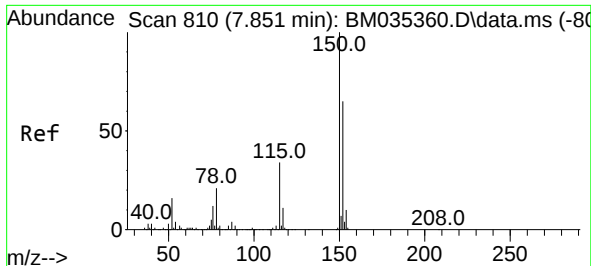
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Time: Jun 04 00:46:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 16:16:23 2022
Response via : Initial Calibration

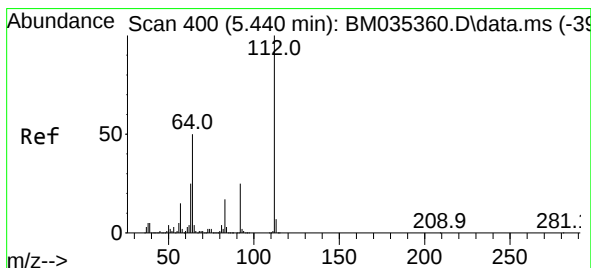
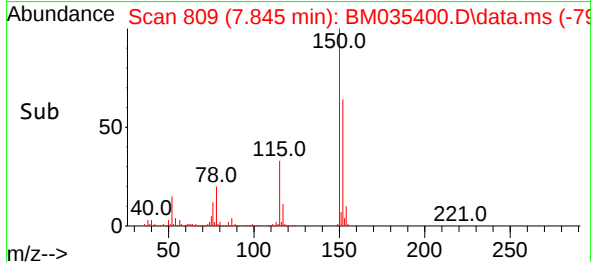
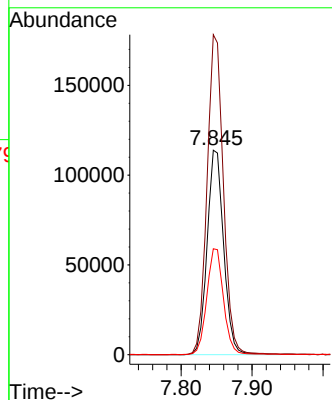
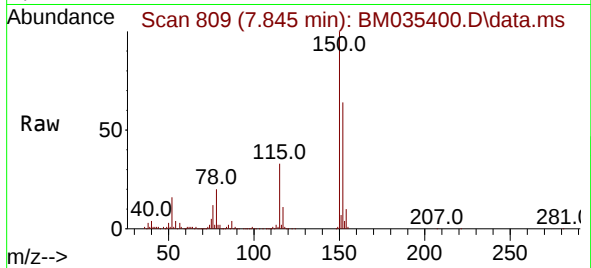




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

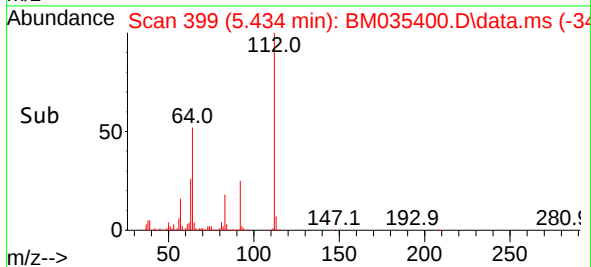
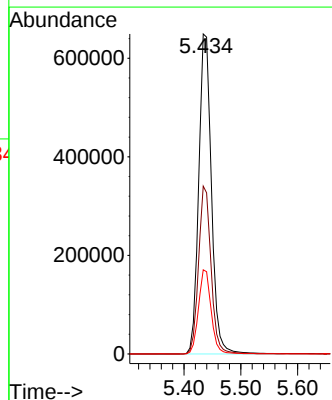
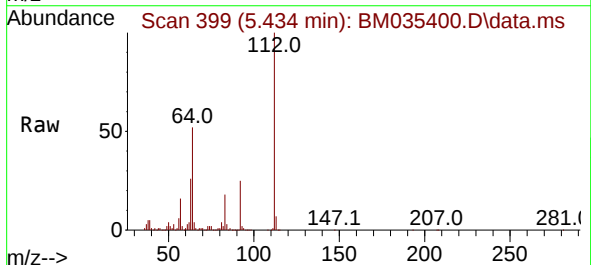
Instrument :
BNA_M
ClientSampleId :
COMP-1

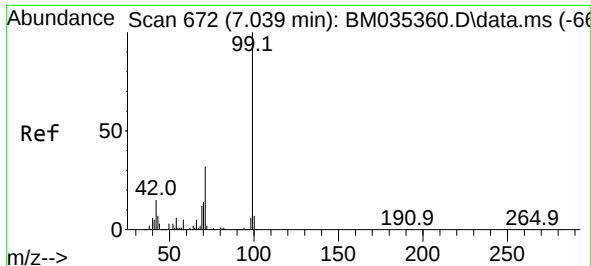
Tgt Ion:152 Resp: 184719
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 51.8 47.9 71.9



#5
2-Fluorophenol
Concen: 115.356 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion:112 Resp: 1014051
Ion Ratio Lower Upper
112 100
64 52.4 47.8 71.6
63 26.3 26.6 40.0#

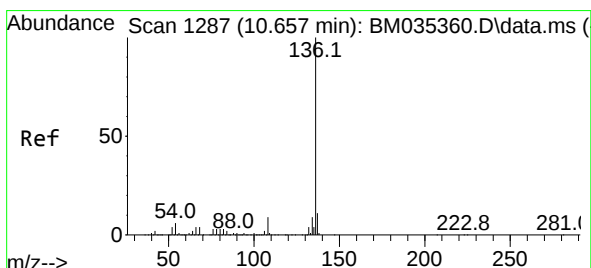
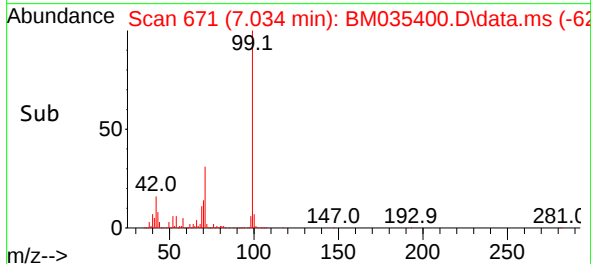
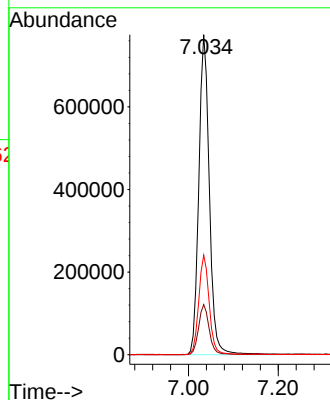
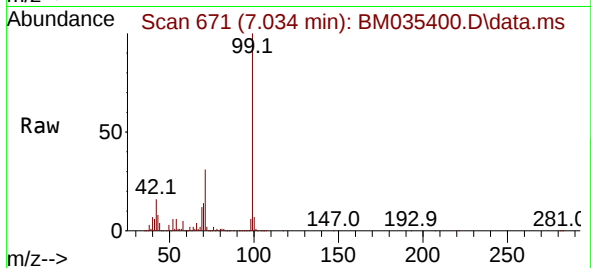




#7
Phenol-d6
Concen: 105.155 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

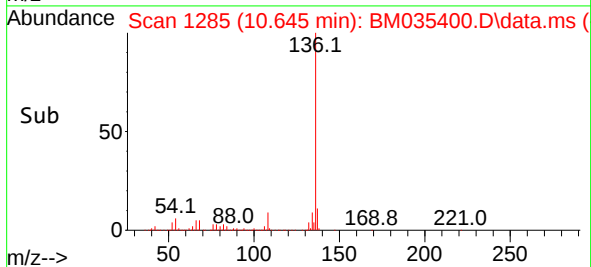
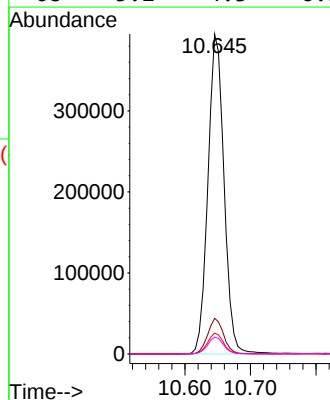
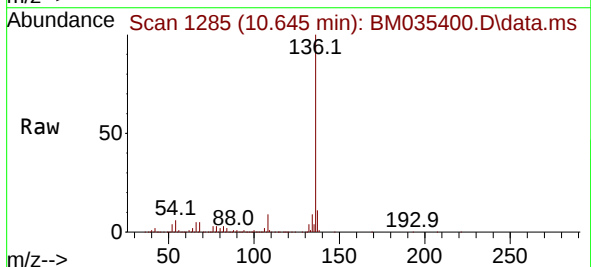
Instrument :
BNA_M
ClientSampleId :
COMP-1

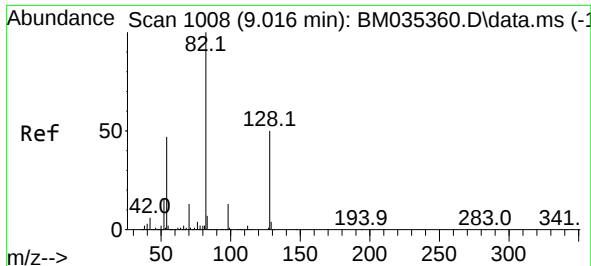
Tgt Ion: 99 Resp: 1262667
Ion Ratio Lower Upper
99 100
42 15.7 18.8 28.2#
71 31.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion: 136 Resp: 674764
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 7.0 10.4#
68 5.2 4.3 6.5

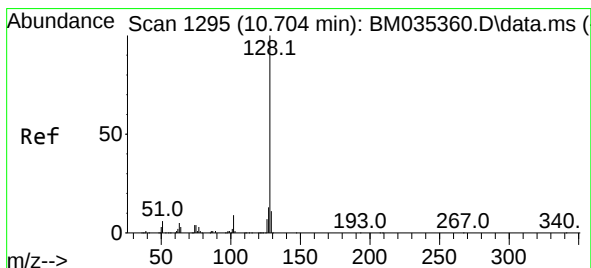
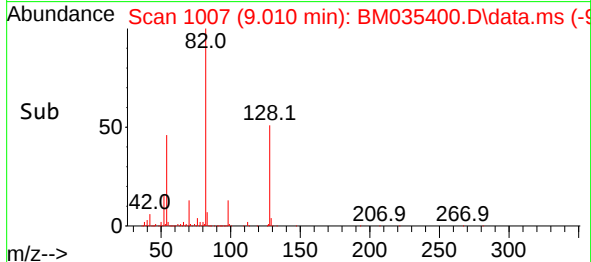
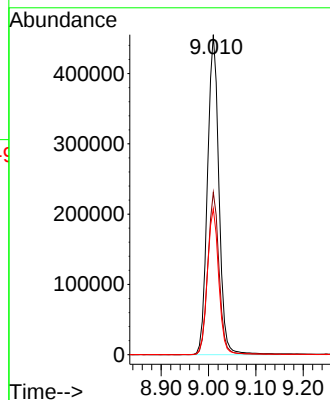
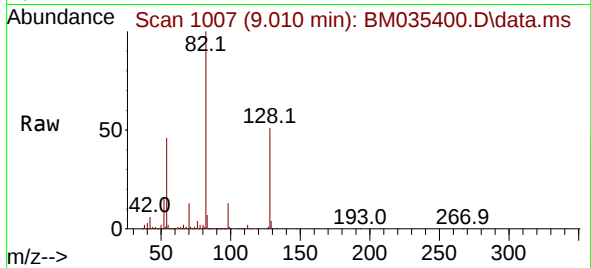




#23
Nitrobenzene-d5
Concen: 72.020 ng
RT: 9.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

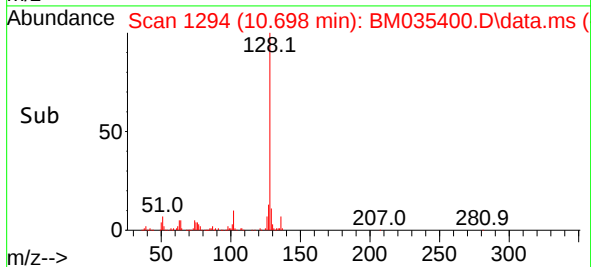
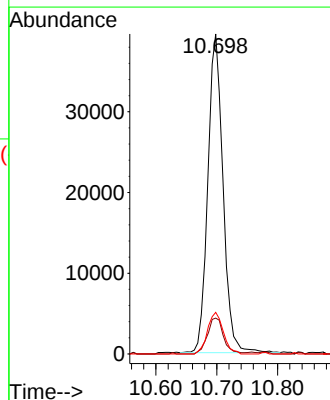
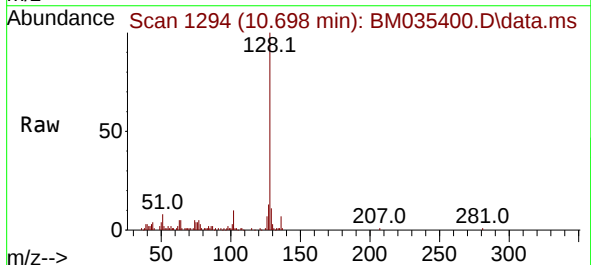
Instrument :
BNA_M
ClientSampleId :
COMP-1

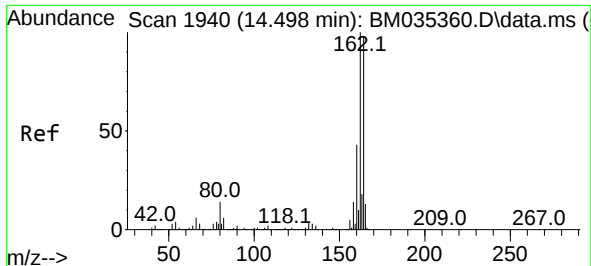
Tgt Ion: 82 Resp: 765346
Ion Ratio Lower Upper
82 100
128 50.7 33.7 50.5#
54 45.6 43.2 64.8



#31
Naphthalene
Concen: 2.089 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion: 128 Resp: 68299
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.6 16.0

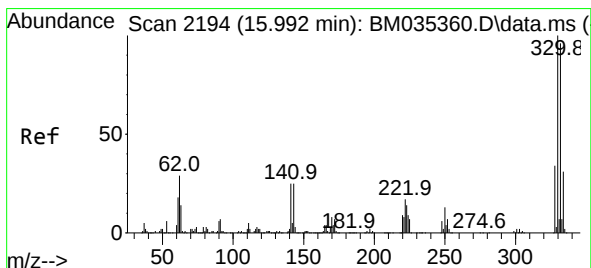
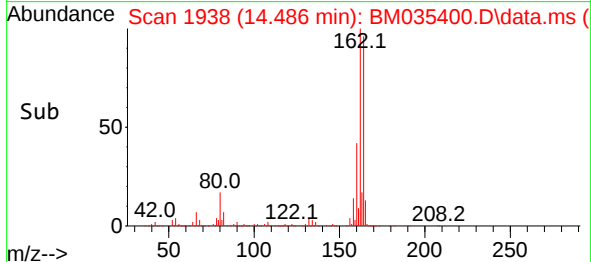
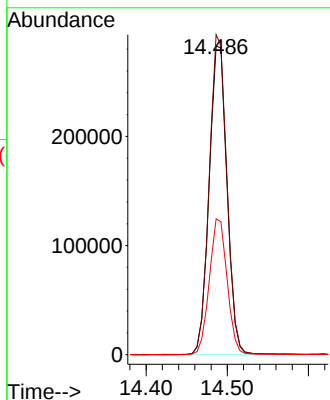
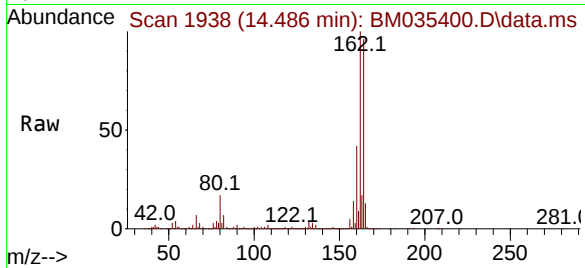




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

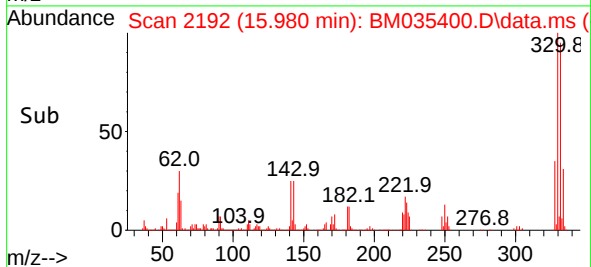
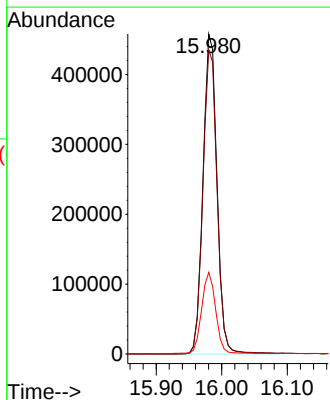
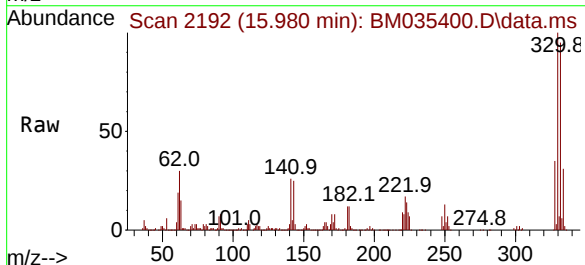
Instrument :
BNA_M
ClientSampleId :
COMP-1

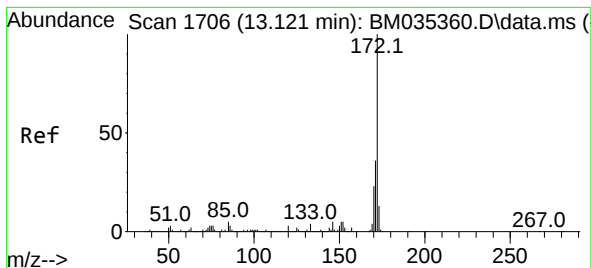
Tgt Ion:164 Resp: 432356
Ion Ratio Lower Upper
164 100
162 103.7 83.0 124.6
160 44.0 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 98.214 ng
RT: 15.980 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion:330 Resp: 681309
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 25.5 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 72.398 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035400.D

Acq: 03 Jun 2022 18:10

Instrument :

BNA_M

ClientSampleId :

COMP-1

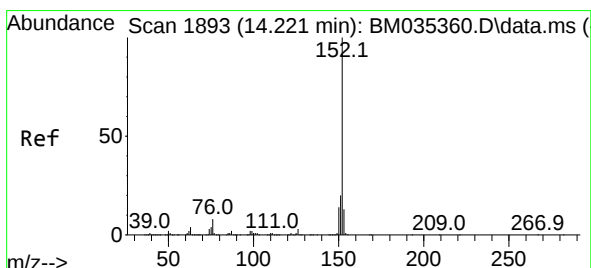
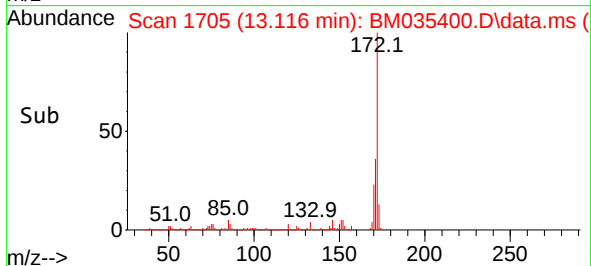
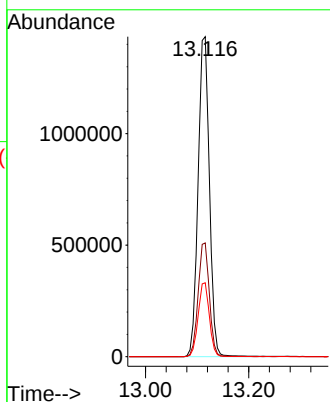
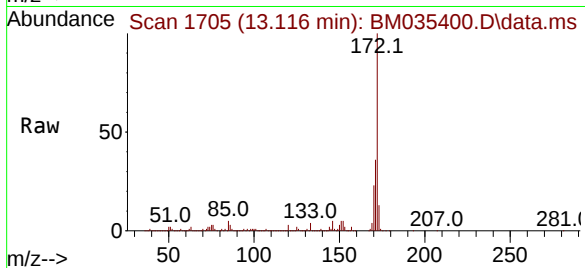
Tgt Ion:172 Resp: 2179368

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.1 18.7 28.1



#49

Acenaphthylene

Concen: 6.725 ng

RT: 14.210 min Scan# 1891

Delta R.T. -0.012 min

Lab File: BM035400.D

Acq: 03 Jun 2022 18:10

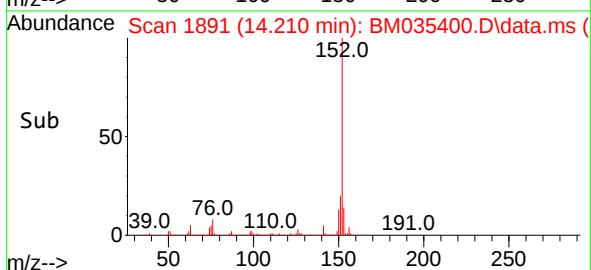
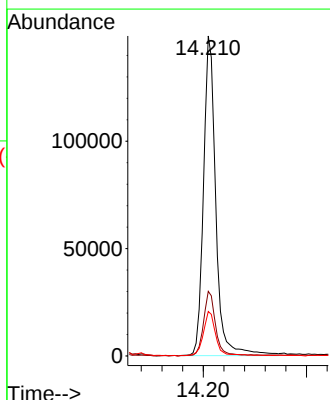
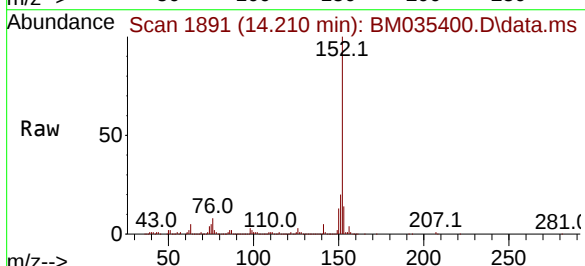
Tgt Ion:152 Resp: 246261

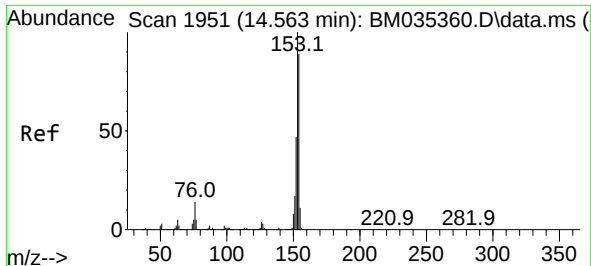
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.9 10.5 15.7

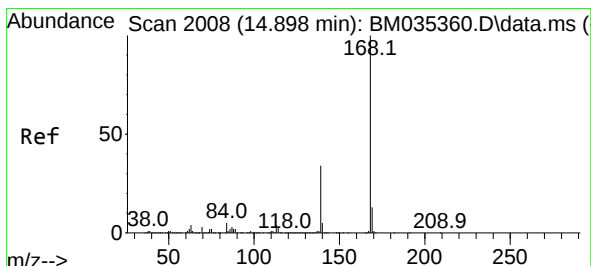
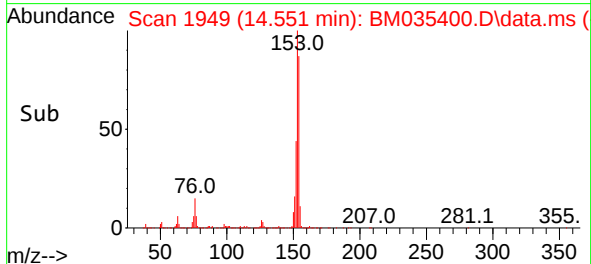
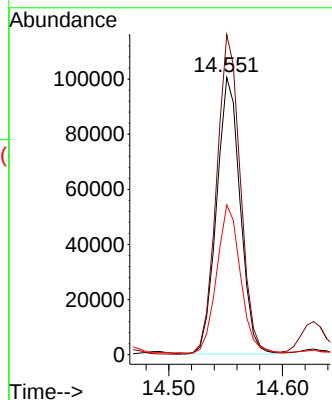
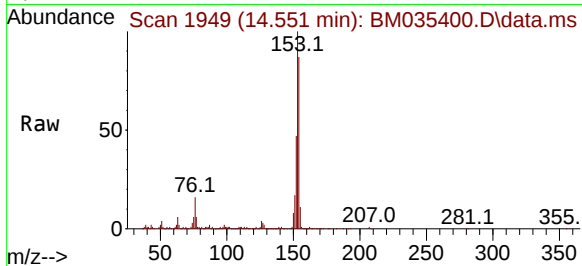




#52
Acenaphthene
Concen: 6.524 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

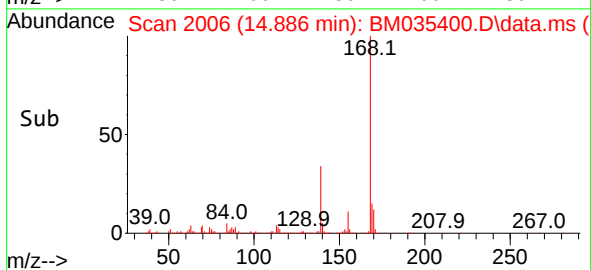
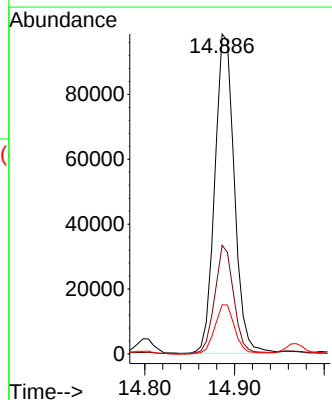
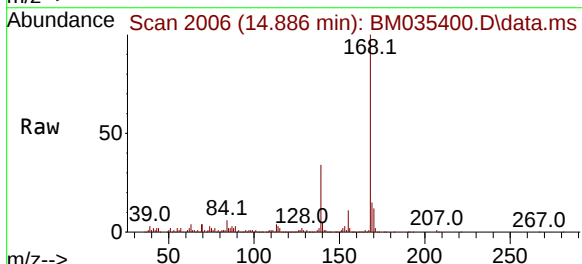
Instrument :
BNA_M
ClientSampleId :
COMP-1

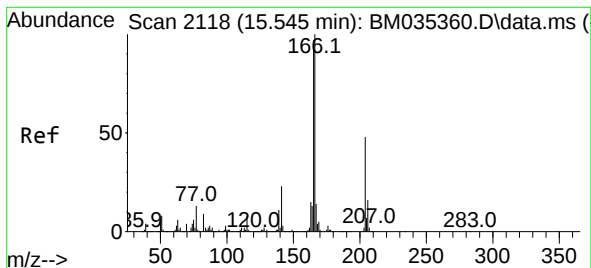
Tgt Ion:154 Resp: 144652
Ion Ratio Lower Upper
154 100
153 115.4 91.0 136.6
152 54.0 43.4 65.2



#55
Dibenzofuran
Concen: 3.919 ng
RT: 14.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion:168 Resp: 149225
Ion Ratio Lower Upper
168 100
139 33.9 32.2 48.2
169 15.3 10.6 16.0





#58

Fluorene

Concen: 5.776 ng

RT: 15.539 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BM035400.D

Acq: 03 Jun 2022 18:10

Instrument :

BNA_M

ClientSampleId :

COMP-1

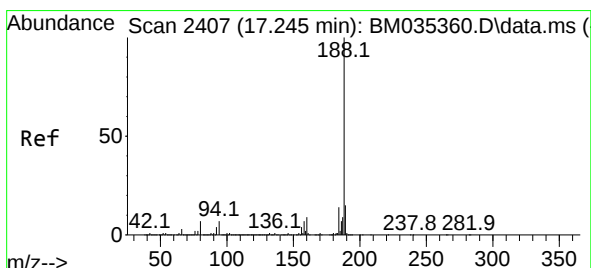
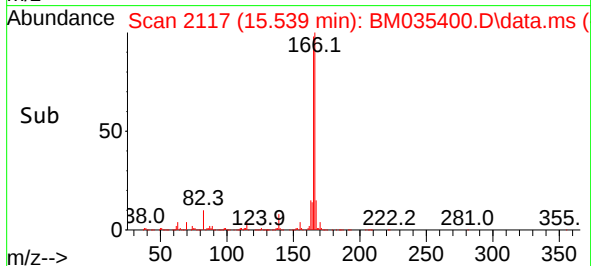
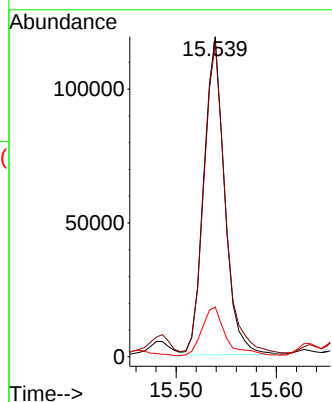
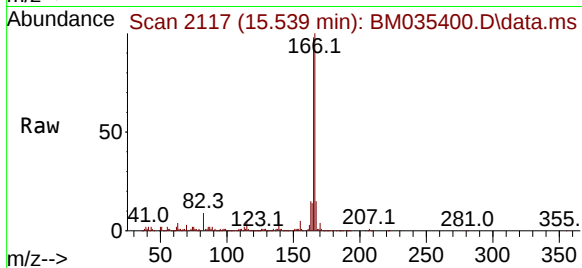
Tgt Ion:166 Resp: 171840

Ion Ratio Lower Upper

166 100

165 98.0 79.4 119.2

167 15.5 10.6 16.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM035400.D

Acq: 03 Jun 2022 18:10

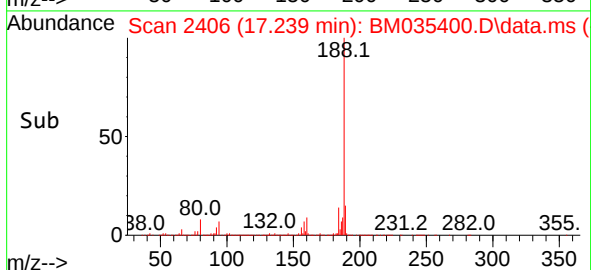
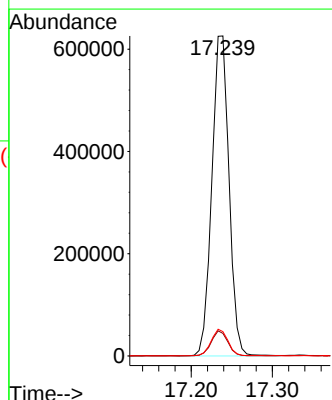
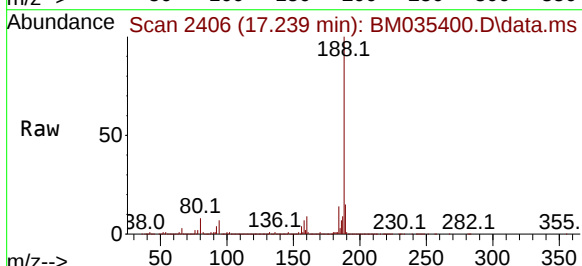
Tgt Ion:188 Resp: 919288

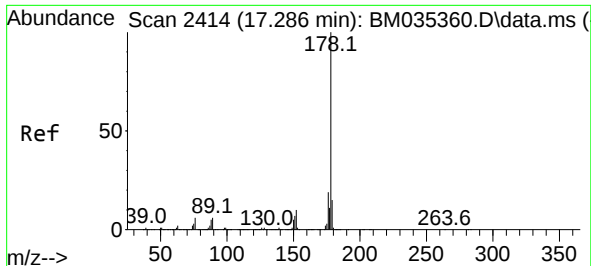
Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.4

80 7.6 7.6 11.4#

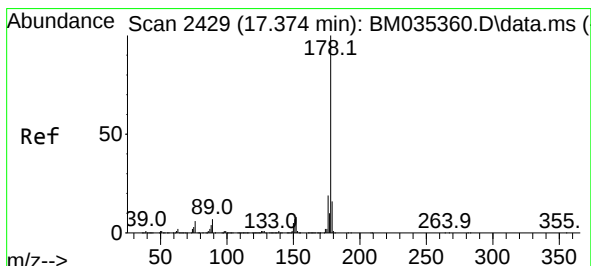
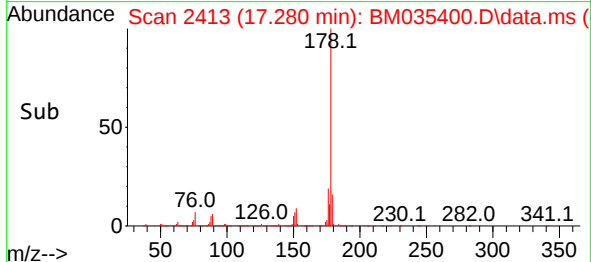
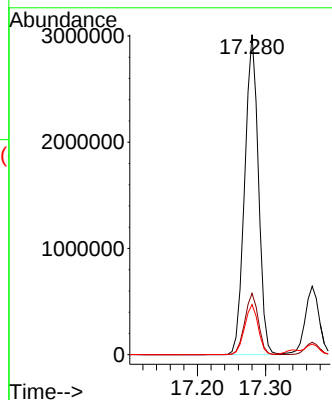
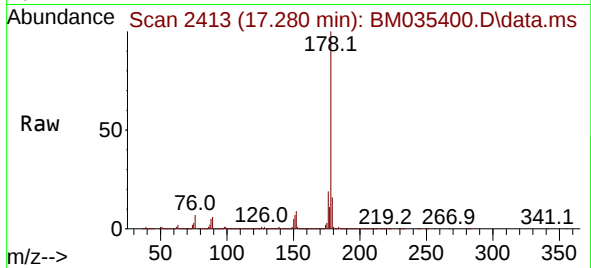




#71
Phenanthrene
Concen: 90.277 ng
RT: 17.280 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

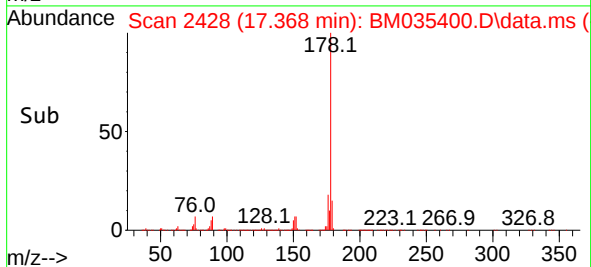
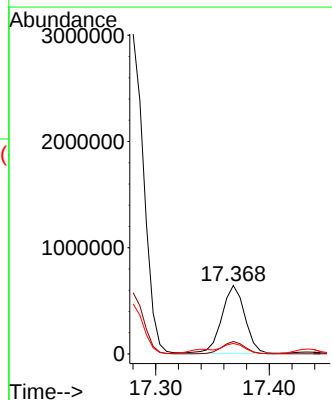
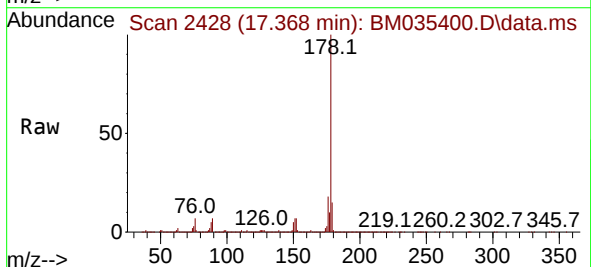
Instrument :
BNA_M
ClientSampleId :
COMP-1

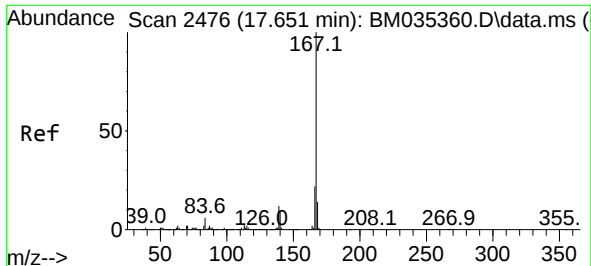
Tgt Ion:178 Resp: 4200624
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 19.446 ng
RT: 17.368 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion:178 Resp: 901463
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.5 12.2 18.2

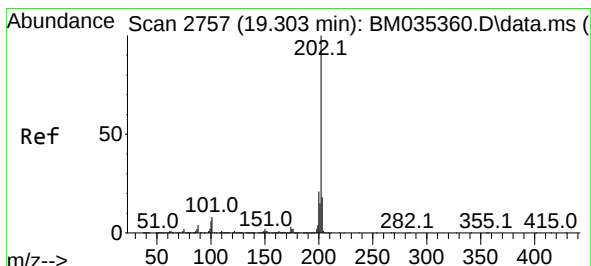
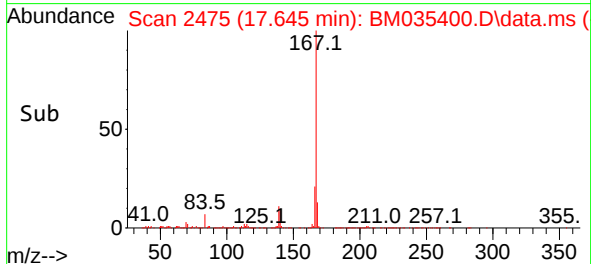
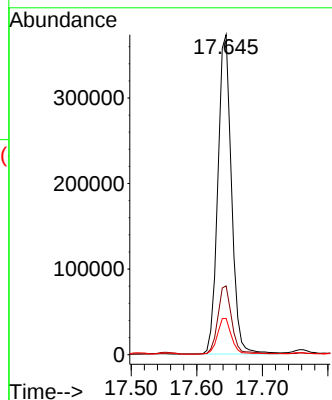
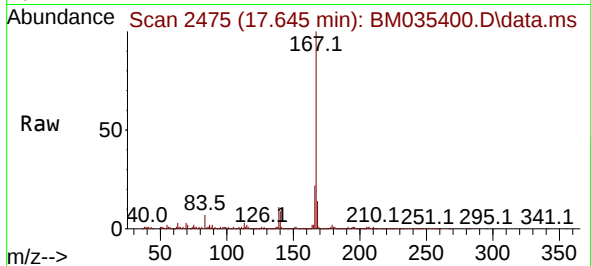




#73
 Carbazole
 Concen: 12.298 ng
 RT: 17.645 min Scan# 2476
 Delta R.T. -0.006 min
 Lab File: BM035400.D
 Acq: 03 Jun 2022 18:10

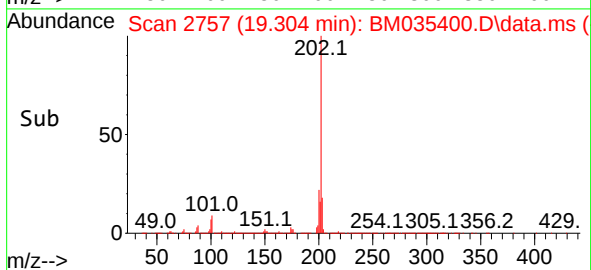
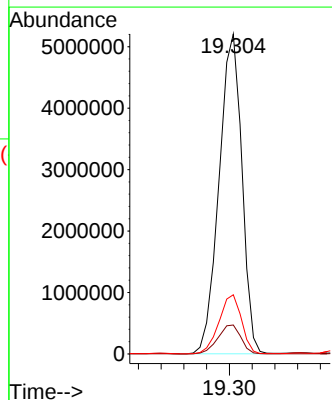
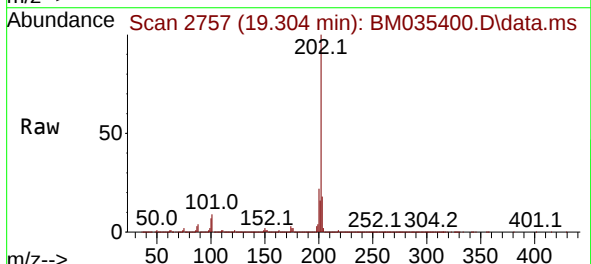
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

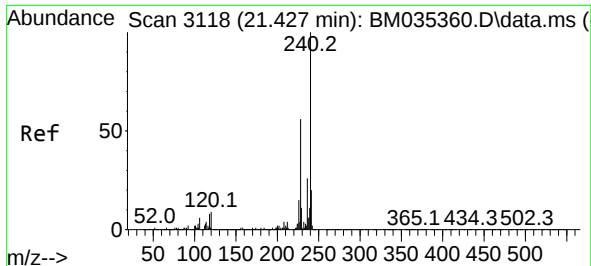
Tgt Ion:167 Resp: 536891
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 11.3 10.9 16.3



#75
 Fluoranthene
 Concen: 129.332 ng
 RT: 19.304 min Scan# 2757
 Delta R.T. 0.000 min
 Lab File: BM035400.D
 Acq: 03 Jun 2022 18:10

Tgt Ion:202 Resp: 7264471
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 30.6
 203 18.5 0.0 37.4

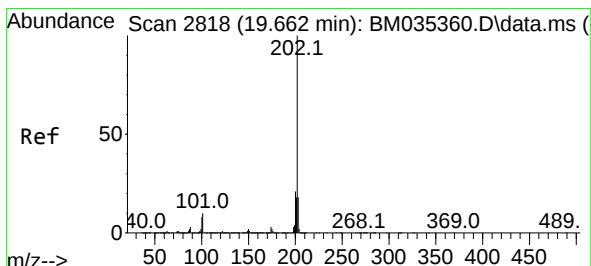
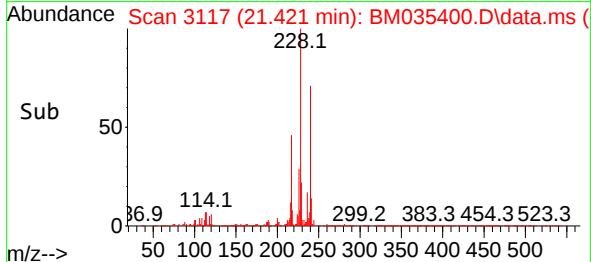
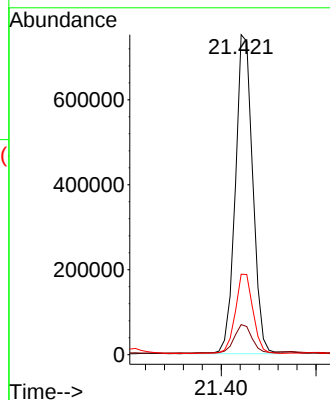
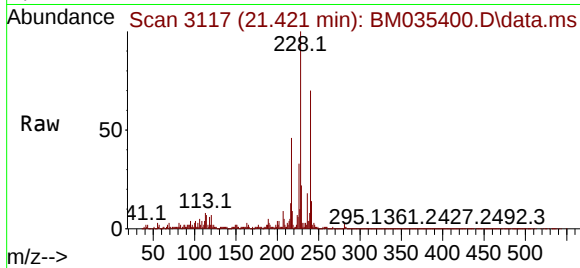




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

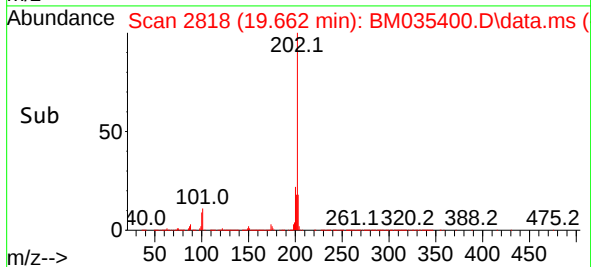
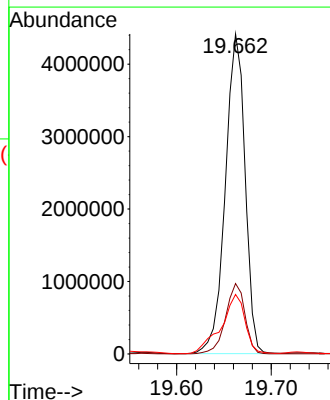
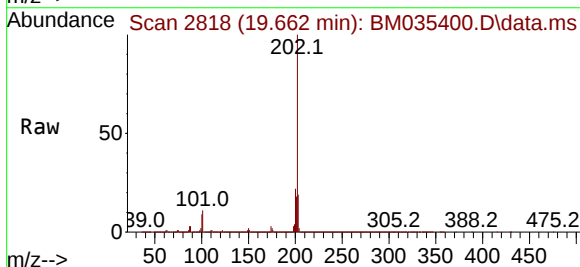
Instrument :
BNA_M
ClientSampleId :
COMP-1

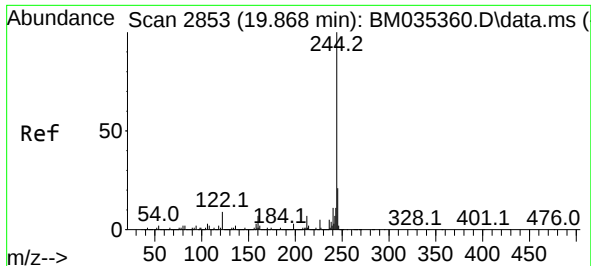
Tgt Ion:240 Resp: 955137
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.0
236 25.2 20.6 30.8



#78
Pyrene
Concen: 110.257 ng
RT: 19.662 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion:202 Resp: 6386183
Ion Ratio Lower Upper
202 100
200 22.0 16.7 25.1
203 18.6 13.9 20.9

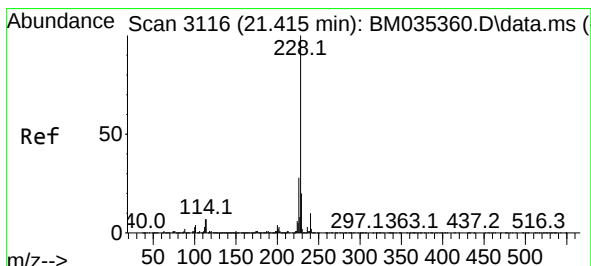
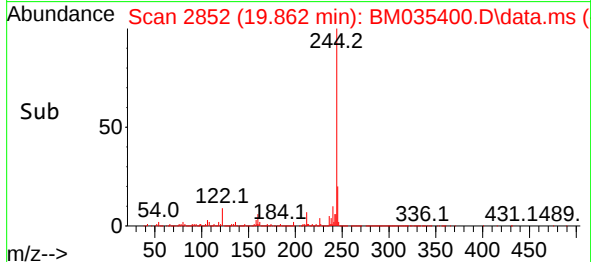
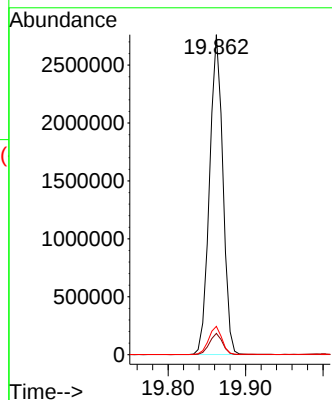
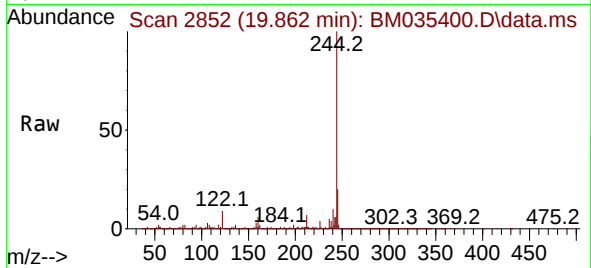




#79
 Terphenyl-d14
 Concen: 68.753 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035400.D
 Acq: 03 Jun 2022 18:10

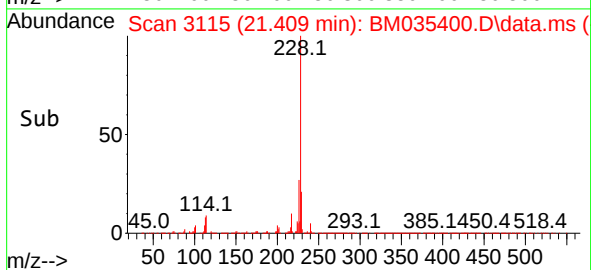
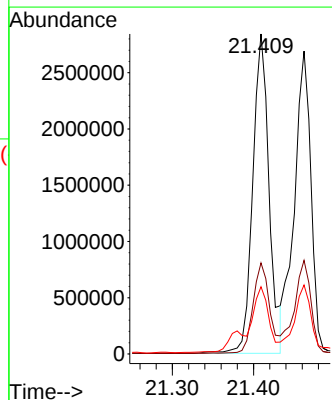
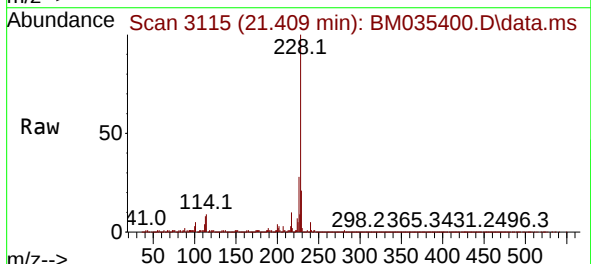
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

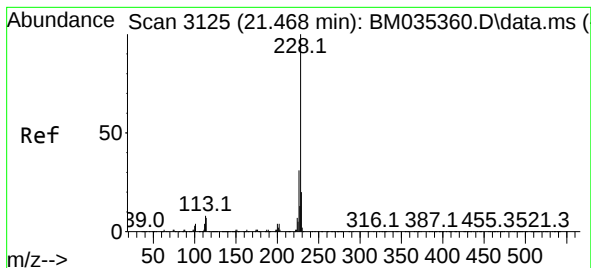
Tgt Ion:244 Resp: 3296168
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.4
 122 8.8 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 67.991 ng
 RT: 21.409 min Scan# 3115
 Delta R.T. -0.006 min
 Lab File: BM035400.D
 Acq: 03 Jun 2022 18:10

Tgt Ion:228 Resp: 3987141
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.3 33.5
 229 21.0 15.8 23.6





#83

Chrysene

Concen: 68.151 ng

RT: 21.462 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM035400.D

Acq: 03 Jun 2022 18:10

Instrument :

BNA_M

ClientSampleId :

COMP-1

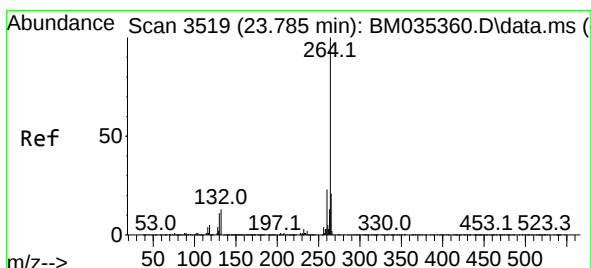
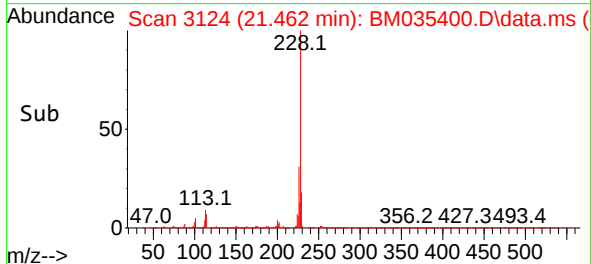
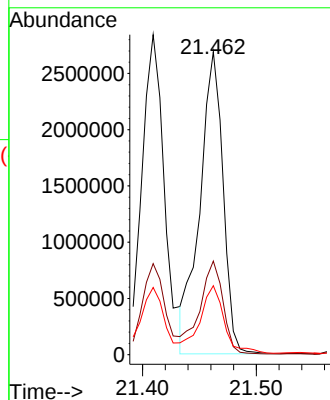
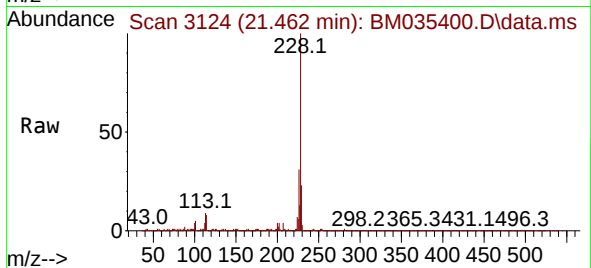
Tgt Ion:228 Resp: 3815975

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 22.8 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3520

Delta R.T. 0.006 min

Lab File: BM035400.D

Acq: 03 Jun 2022 18:10

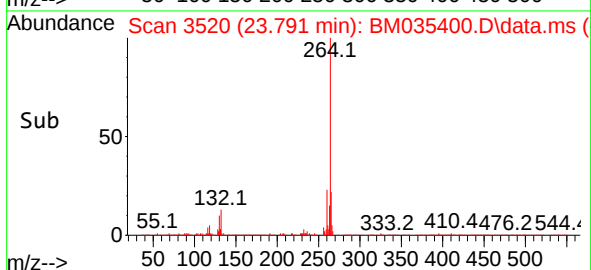
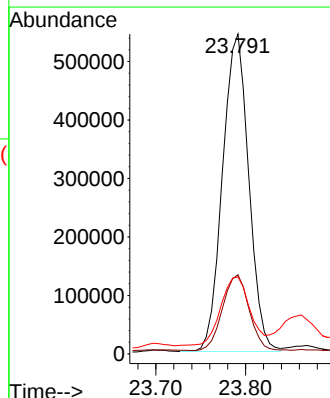
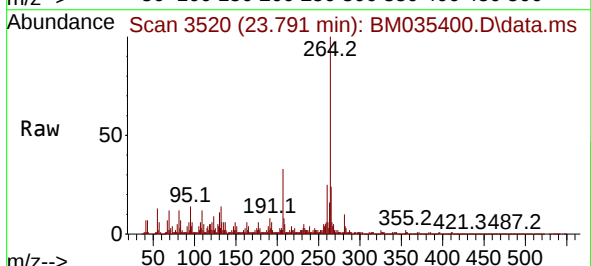
Tgt Ion:264 Resp: 1101646

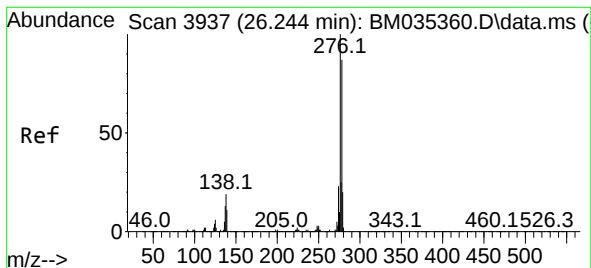
Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

265 24.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.723 ng

RT: 26.250 min Scan# 3938

Delta R.T. 0.006 min

Lab File: BM035400.D

Acq: 03 Jun 2022 18:10

Instrument :

BNA_M

ClientSampleId :

COMP-1

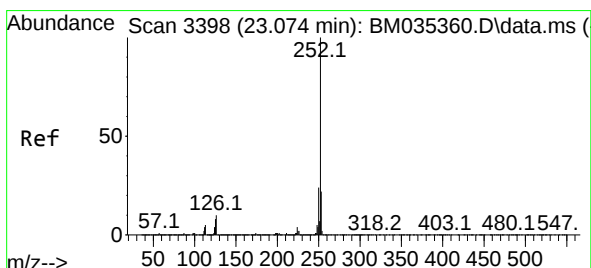
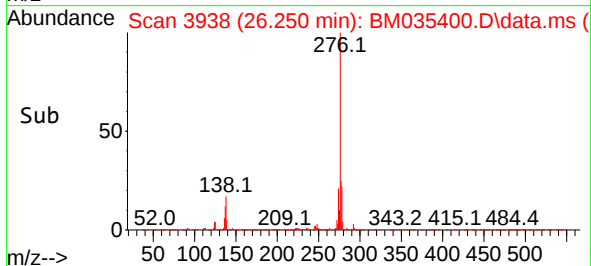
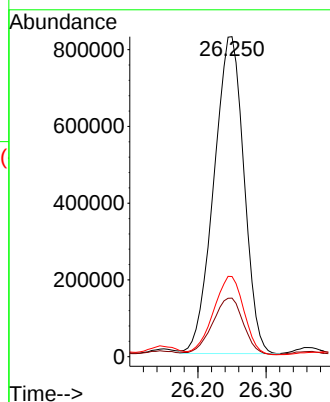
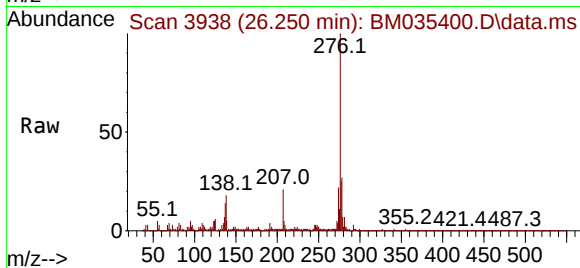
Tgt Ion:276 Resp: 2537590

Ion Ratio Lower Upper

276 100

138 18.2 20.2 30.4#

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 107.625 ng

RT: 23.080 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM035400.D

Acq: 03 Jun 2022 18:10

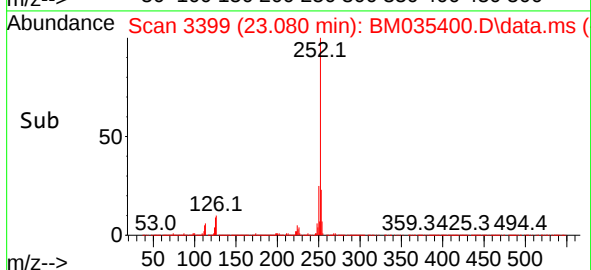
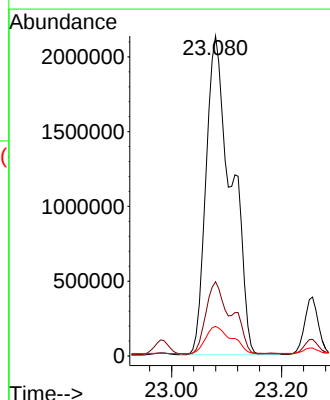
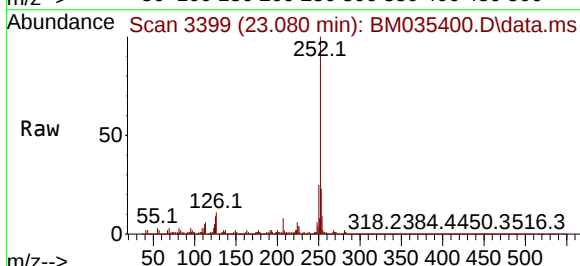
Tgt Ion:252 Resp: 6829013

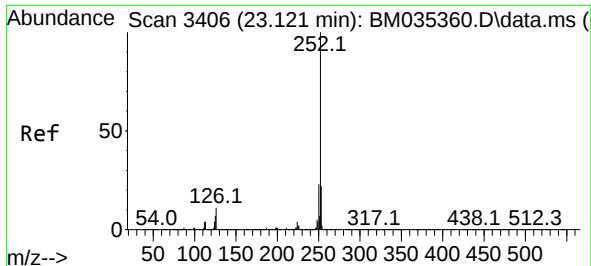
Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 9.3 7.6 11.4

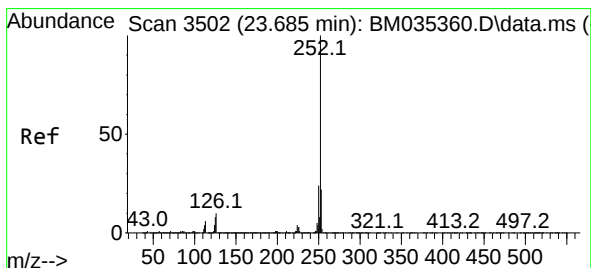
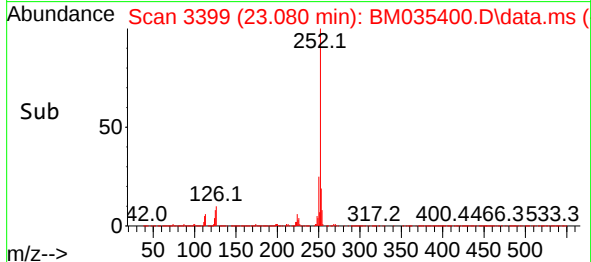
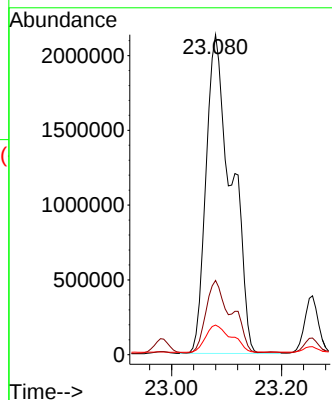
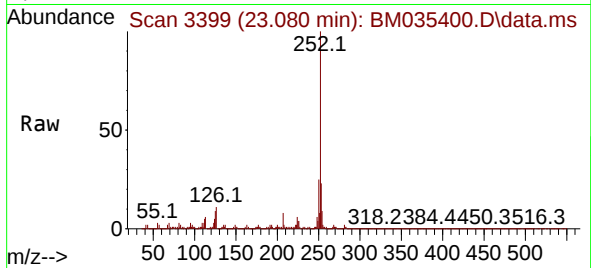




#89
Benzo(k)fluoranthene
Concen: 105.158 ng
RT: 23.080 min Scan# 31
Delta R.T. -0.041 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

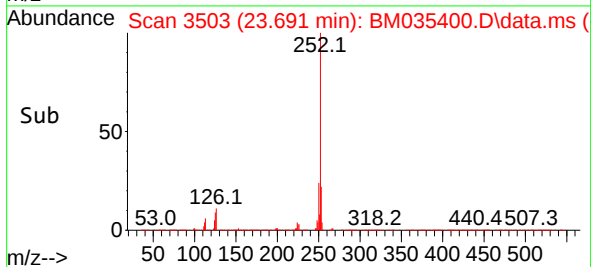
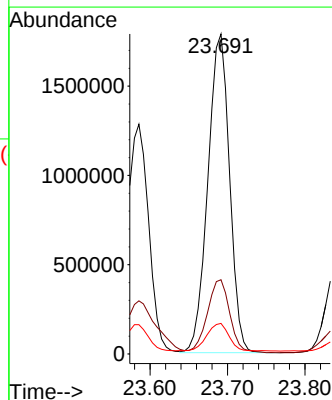
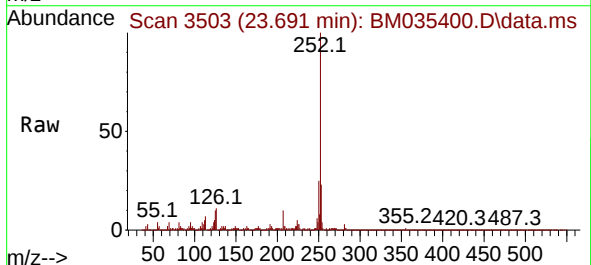
Instrument :
BNA_M
ClientSampleId :
COMP-1

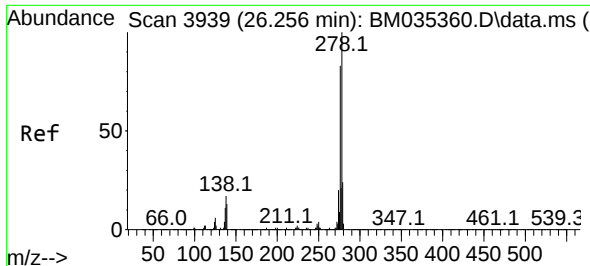
Tgt Ion:252 Resp: 6827979
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 9.3 7.6 11.4



#90
Benzo(a)pyrene
Concen: 64.210 ng
RT: 23.691 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion:252 Resp: 3468938
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 9.6 8.7 13.1

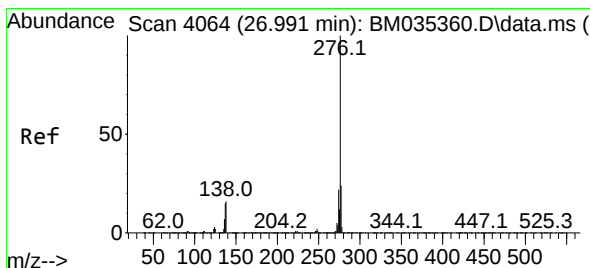
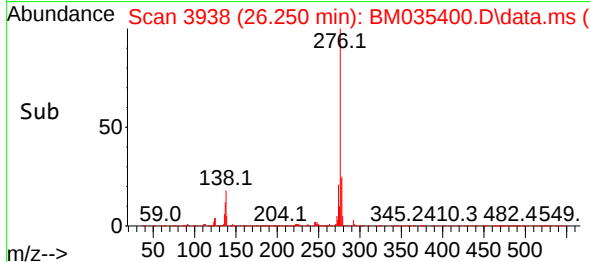
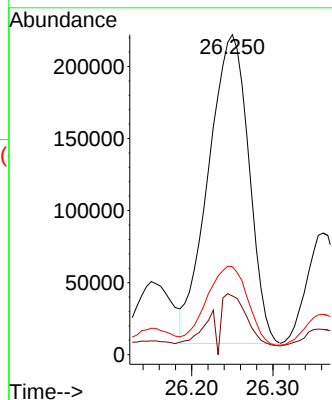
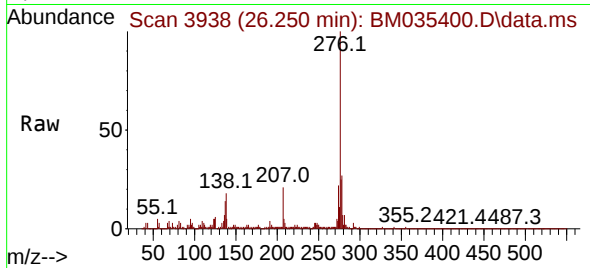




#91
Dibenzo(a,h)anthracene
Concen: 12.169 ng
RT: 26.250 min Scan# 3939
Delta R.T. -0.006 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:278 Resp: 742295
Ion Ratio Lower Upper
278 100
139 18.3 12.9 19.3
279 27.5 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 41.708 ng
RT: 27.003 min Scan# 4066
Delta R.T. 0.012 min
Lab File: BM035400.D
Acq: 03 Jun 2022 18:10

Tgt Ion:276 Resp: 2453857
Ion Ratio Lower Upper
276 100
277 24.4 18.7 28.1
138 17.9 17.6 26.4

