

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035398.D
 Acq On : 03 Jun 2022 16:56
 Operator : CG/JU
 Sample : N3143-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220425-AMENDED-COMP-E

Quant Time: Jun 04 00:45:52 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)

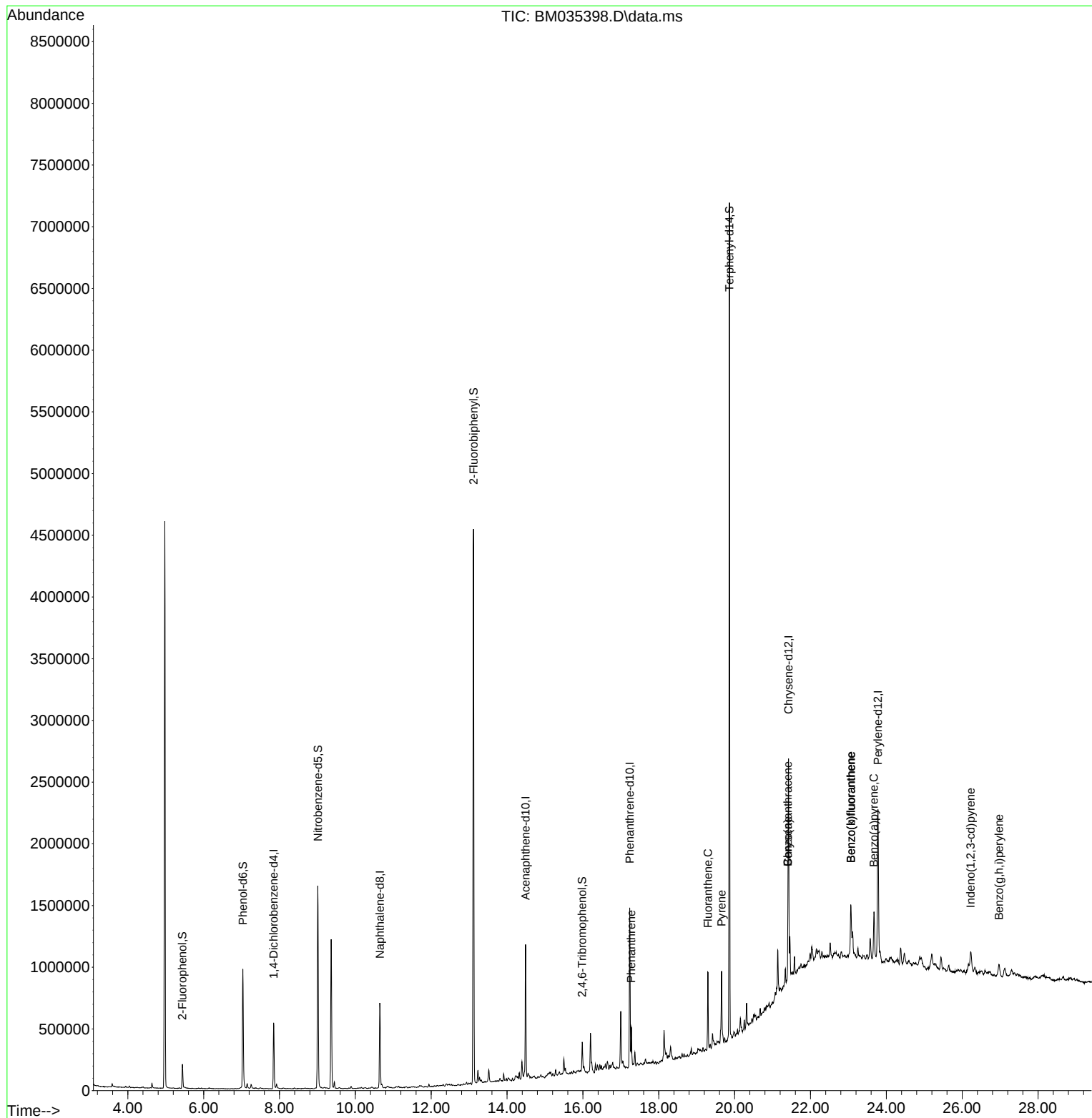
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	164506	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	610041	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	391735	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	811042	20.000	ng	-0.01
76) Chrysene-d12	21.421	240	838002	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	961538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	98531	12.586	ng	0.00
7) Phenol-d6	7.034	99	624243	58.375	ng	0.00
23) Nitrobenzene-d5	9.010	82	956510	99.559	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	53041	8.439	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2524386	92.555	ng	0.00
79) Terphenyl-d14	19.862	244	3509720	83.440	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.998	77	3006	Below Cal	#	77
71) Phenanthrene	17.274	178	204312	4.977	ng	98
75) Fluoranthene	19.298	202	402787	8.128	ng	97
78) Pyrene	19.656	202	375503	7.389	ng	99
81) Benzo(a)anthracene	21.403	228	206600	4.016	ng	96
83) Chrysene	21.403	228	206600	4.205	ng	96
87) Indeno(1,2,3-cd)pyrene	26.221	276	130648	2.048	ng	# 93
88) Benzo(b)fluoranthene	23.068	252	264781	4.781	ng	# 91
89) Benzo(k)fluoranthene	23.068	252	264781	4.672	ng	# 91
90) Benzo(a)pyrene	23.674	252	206305	4.375	ng	# 93
92) Benzo(g,h,i)perylene	26.974	276	130786	2.547	ng	98

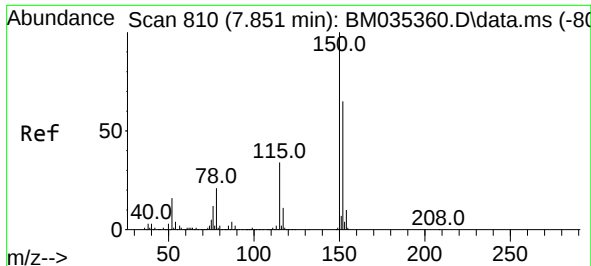
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
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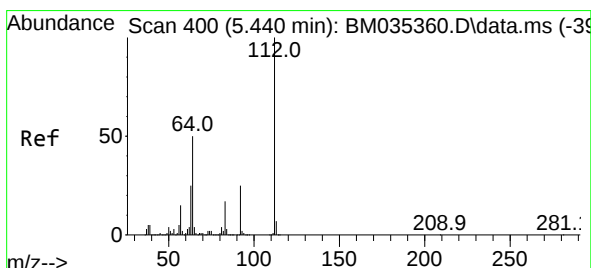
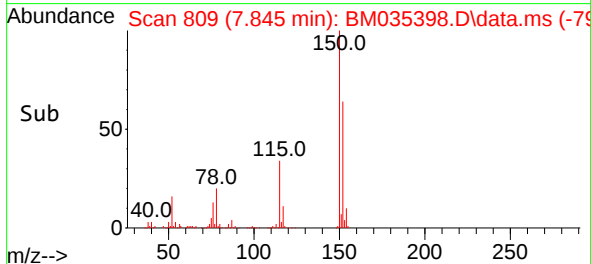
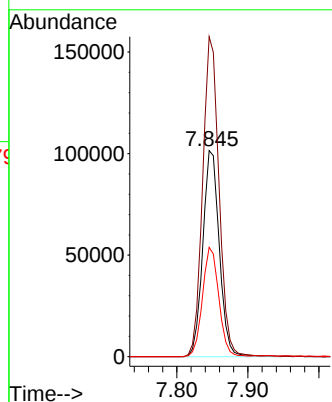
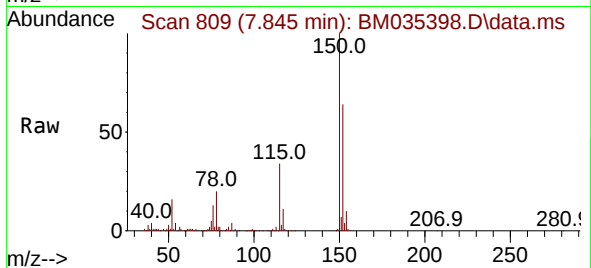




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

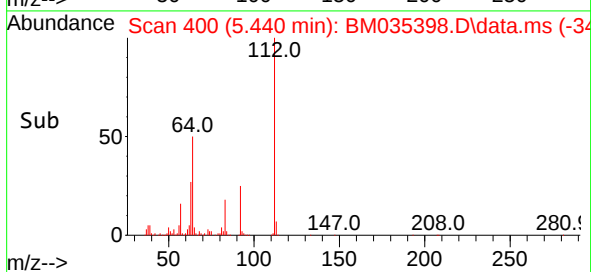
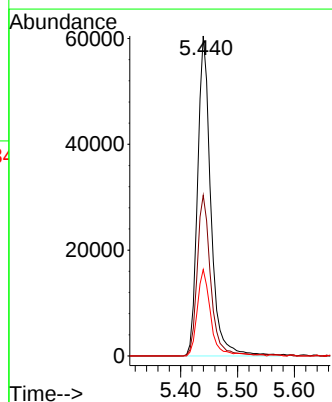
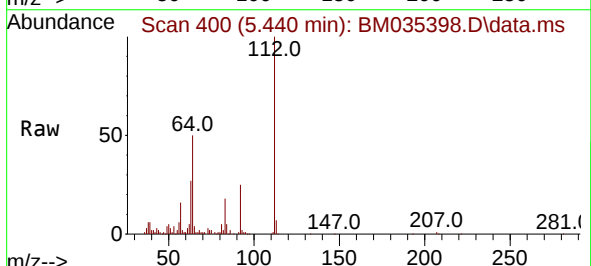
Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E

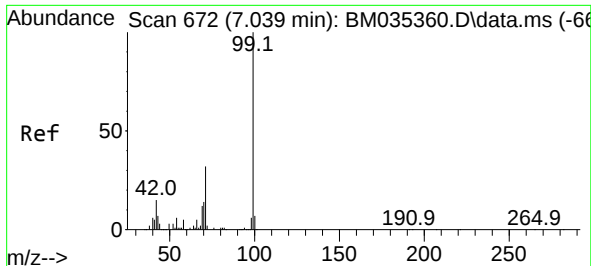
Tgt Ion:152 Resp: 164506
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 53.1 47.9 71.9



#5
2-Fluorophenol
Concen: 12.586 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion:112 Resp: 98531
Ion Ratio Lower Upper
112 100
64 50.2 47.8 71.6
63 27.0 26.6 40.0

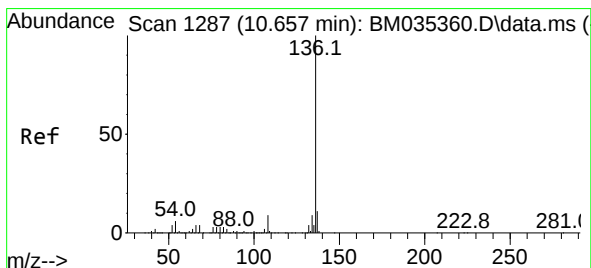
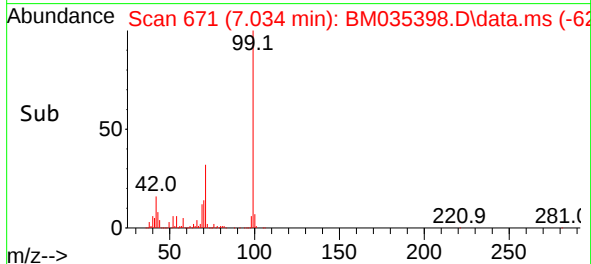
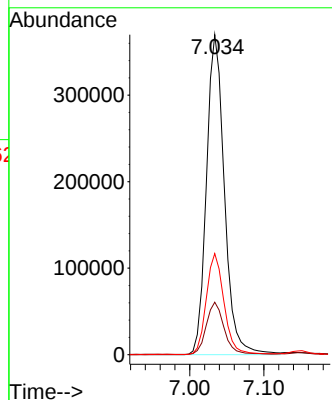
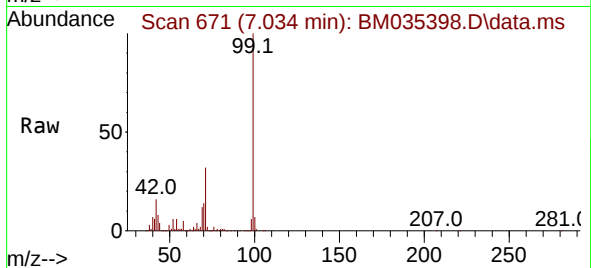




#7
Phenol-d6
Concen: 58.375 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

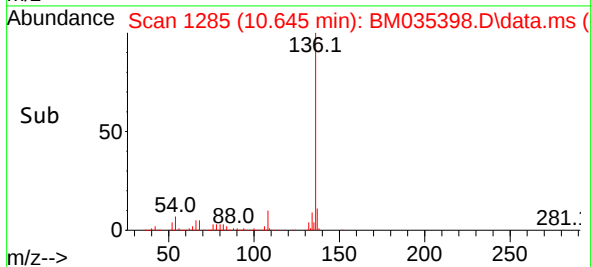
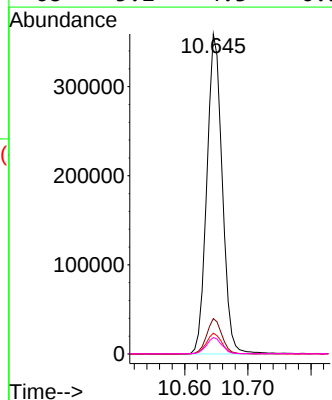
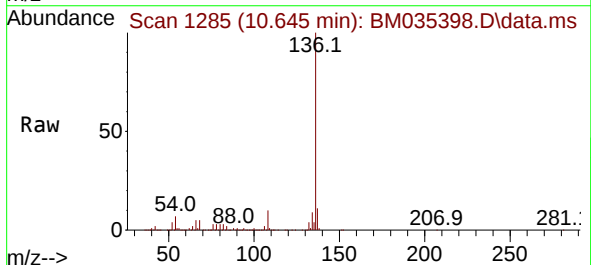
Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E

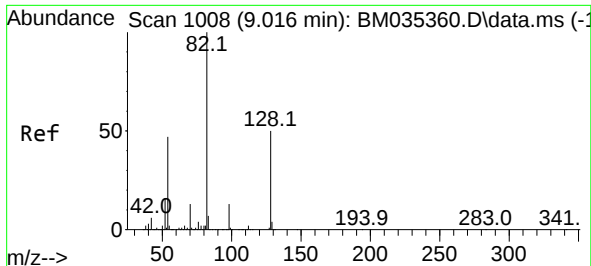
Tgt Ion: 99 Resp: 624243
Ion Ratio Lower Upper
99 100
42 16.4 18.8 28.2#
71 31.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion: 136 Resp: 610041
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

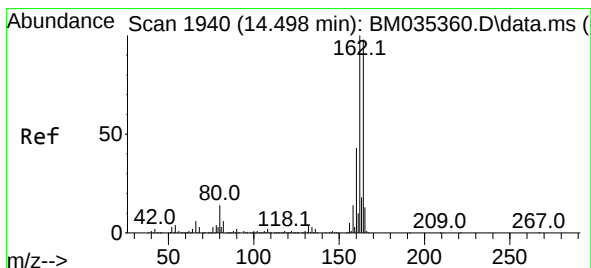
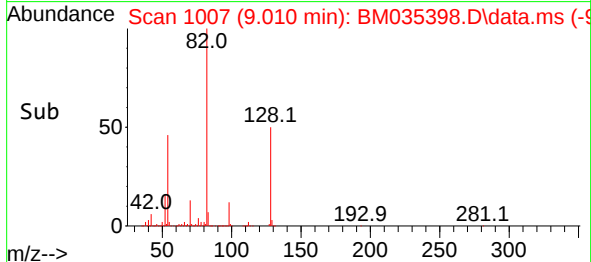
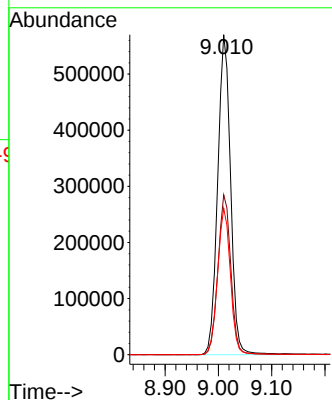
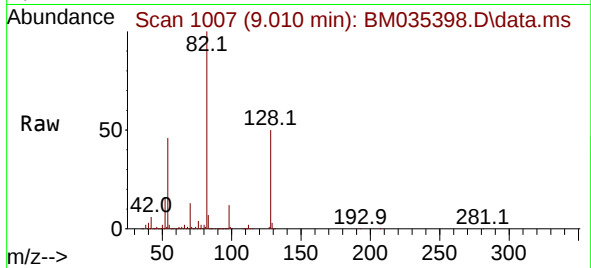




#23
Nitrobenzene-d5
Concen: 99.559 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

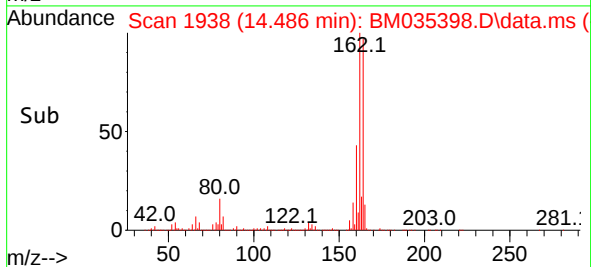
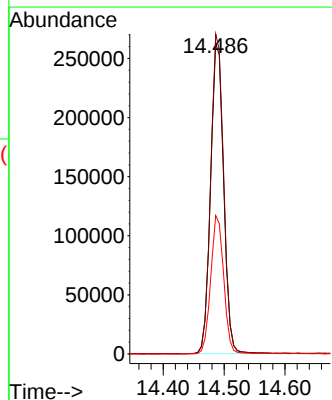
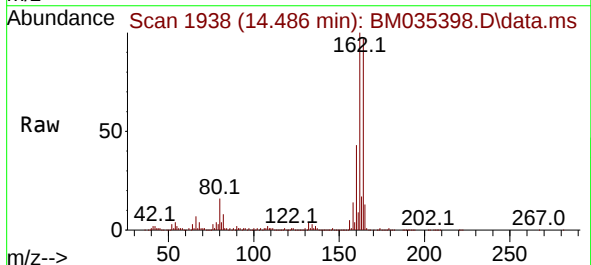
Instrument :
BNA_M
ClientSampleId :
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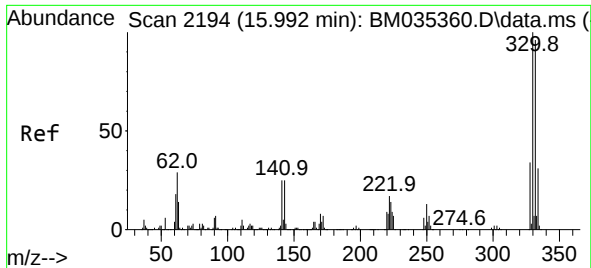
Tgt Ion: 82 Resp: 956510
Ion Ratio Lower Upper
82 100
128 49.9 33.7 50.5
54 45.8 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion: 164 Resp: 391735
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 44.6 37.0 55.4

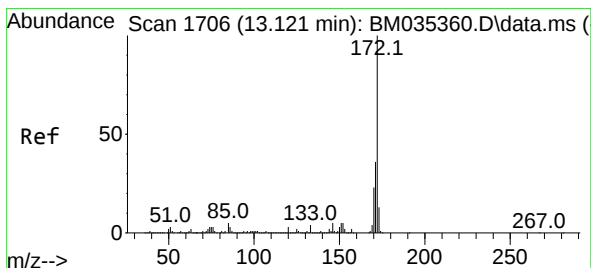
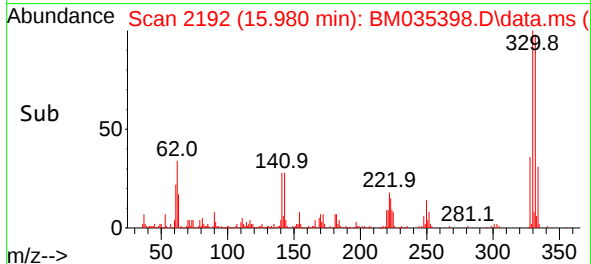
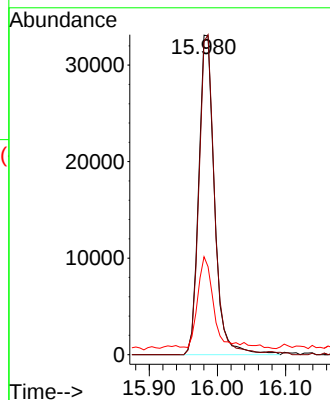
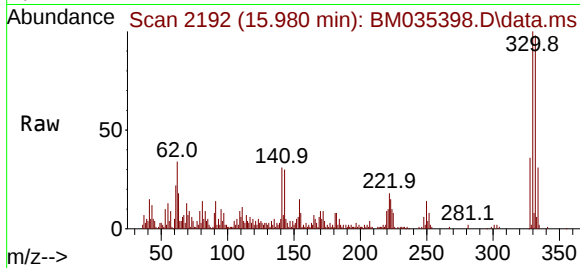




#42
2,4,6-Tribromophenol
Concen: 8.439 ng
RT: 15.980 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

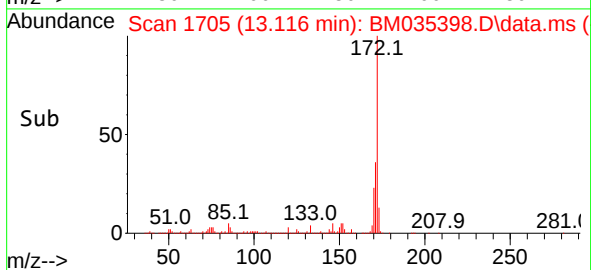
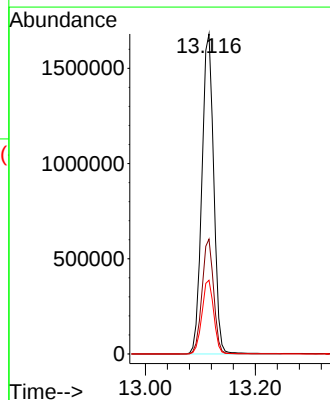
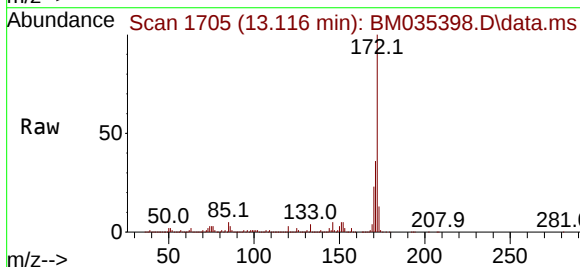
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ClientSampleId :
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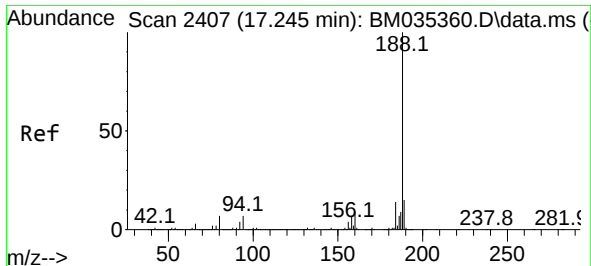
Tgt Ion:330 Resp: 53041
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.4
141 30.8 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 92.555 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion:172 Resp: 2524386
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.0 18.7 28.1

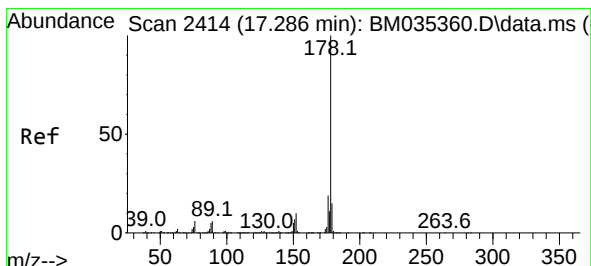
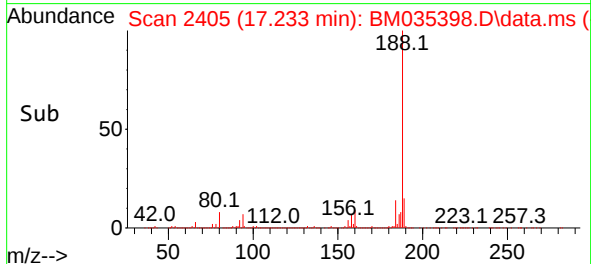
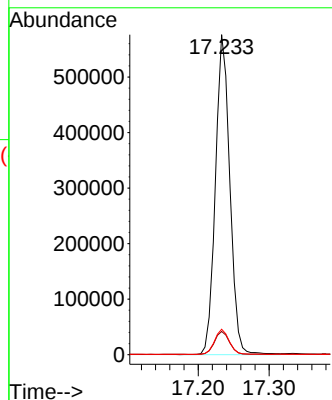
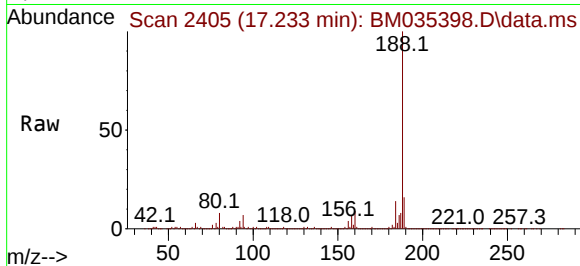




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

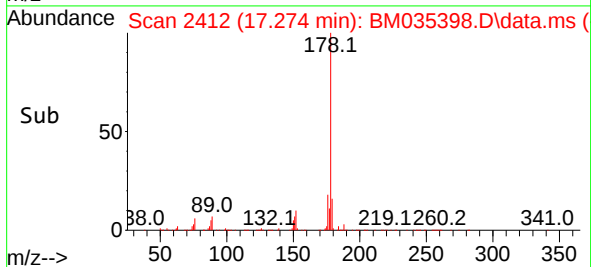
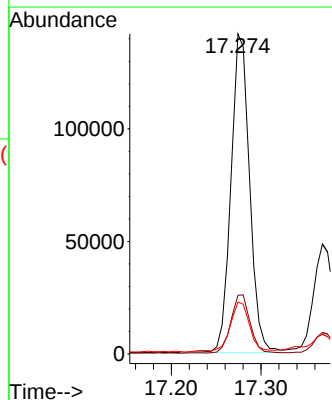
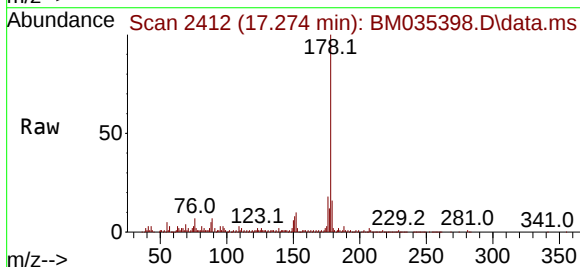
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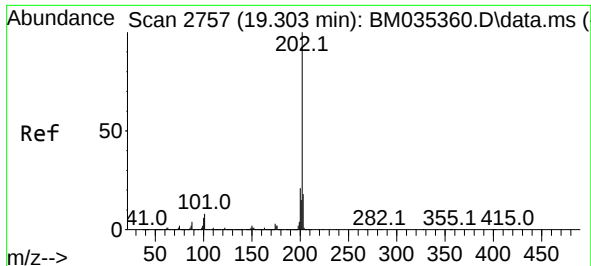
Tgt Ion:188 Resp: 811042
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.0 7.6 11.4



#71
Phenanthrene
Concen: 4.977 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion:178 Resp: 204312
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 16.2 12.4 18.6

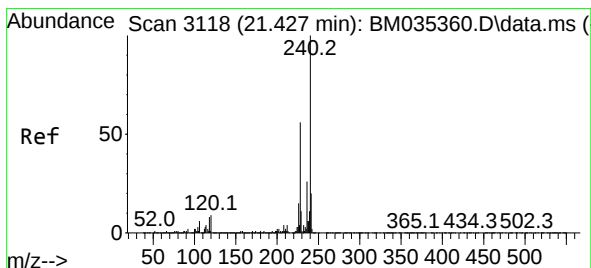
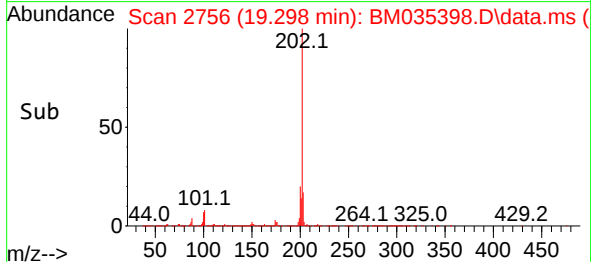
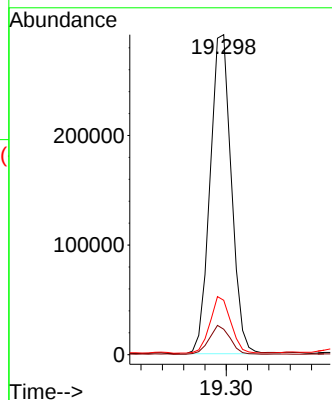
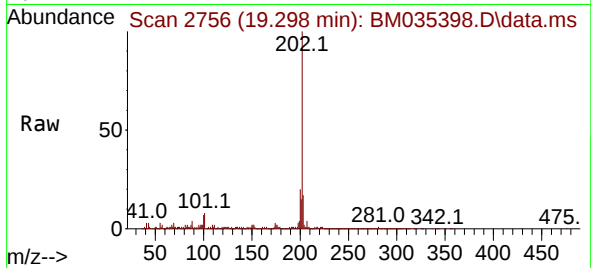




#75
Fluoranthene
Concen: 8.128 ng
RT: 19.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

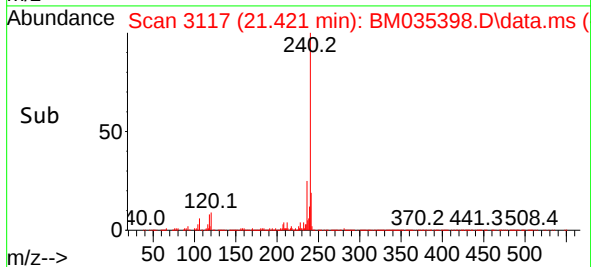
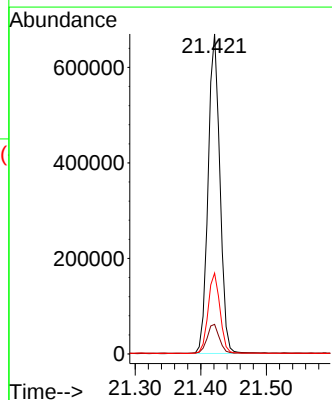
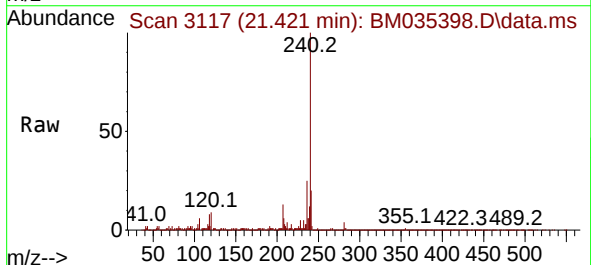
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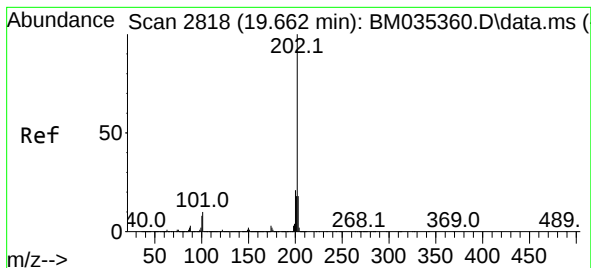
Tgt Ion:202 Resp: 402787
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.6
203 17.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion:240 Resp: 838002
Ion Ratio Lower Upper
240 100
120 9.3 9.4 14.0#
236 25.2 20.6 30.8





#78

Pyrene

Concen: 7.389 ng

RT: 19.656 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM035398.D

Acq: 03 Jun 2022 16:56

Instrument :

BNA_M

ClientSampleId :

20220425-AMENDED-COMP-E

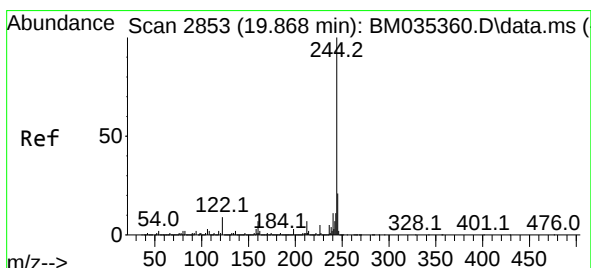
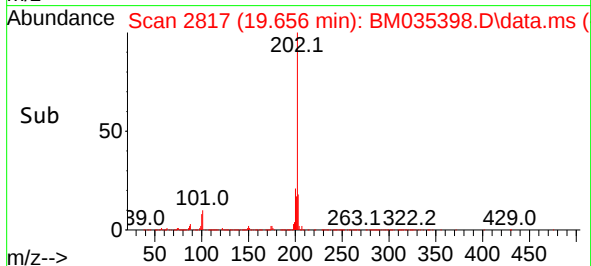
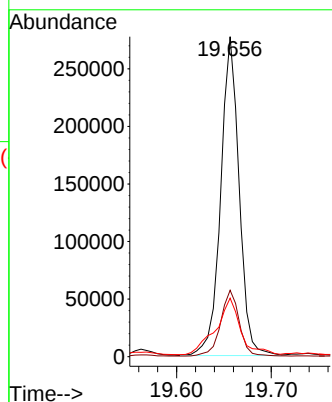
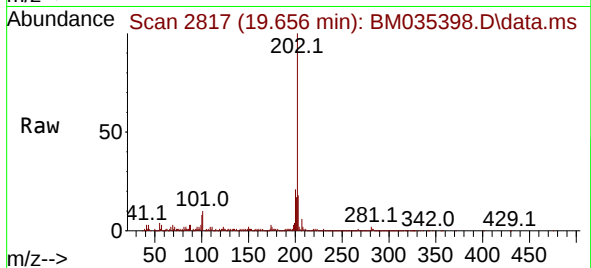
Tgt Ion:202 Resp: 375503

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 18.3 13.9 20.9



#79

Terphenyl-d14

Concen: 83.440 ng

RT: 19.862 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM035398.D

Acq: 03 Jun 2022 16:56

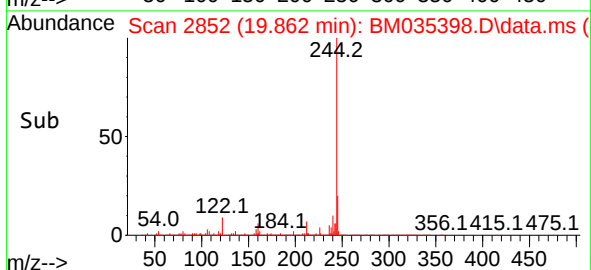
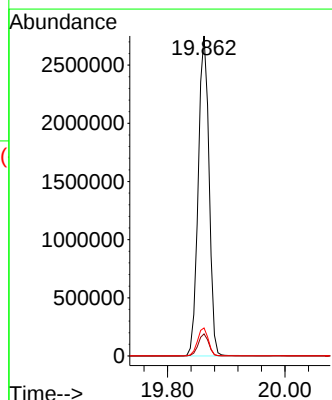
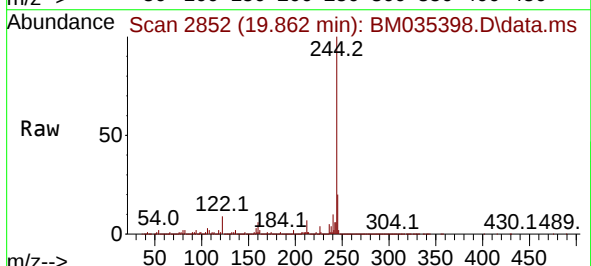
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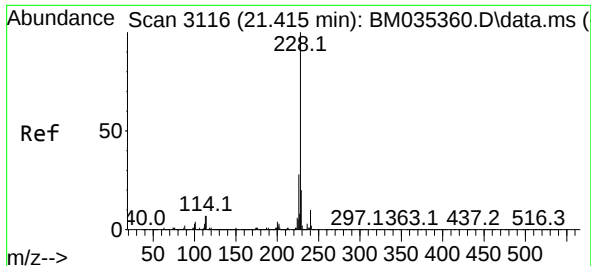
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 8.8 8.3 12.5

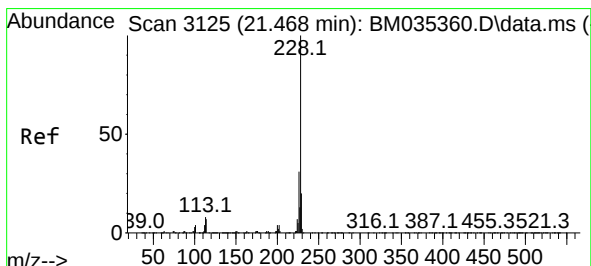
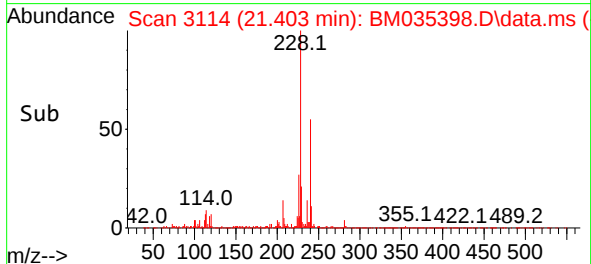
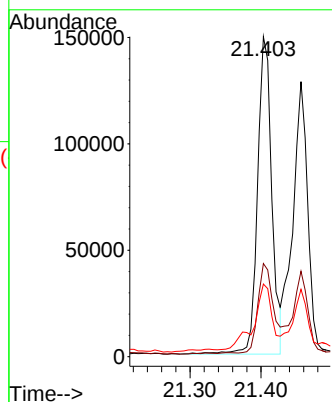
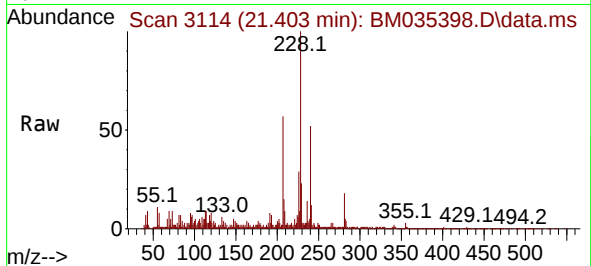




#81
Benzo(a)anthracene
Concen: 4.016 ng
RT: 21.403 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

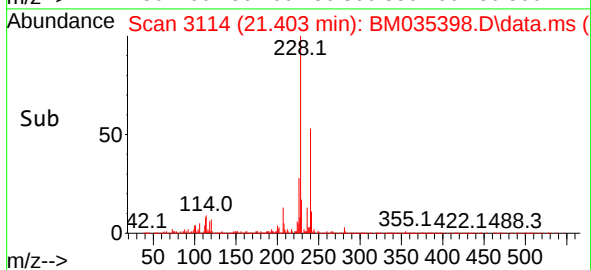
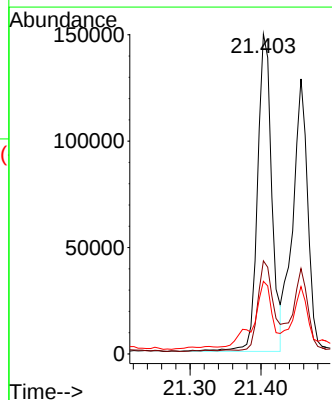
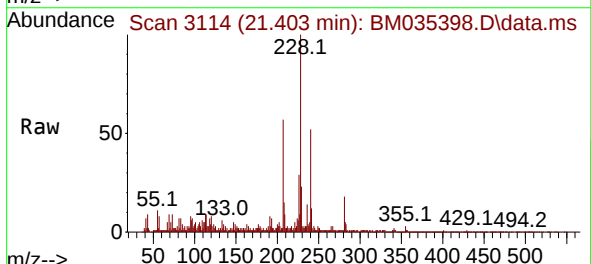
Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E

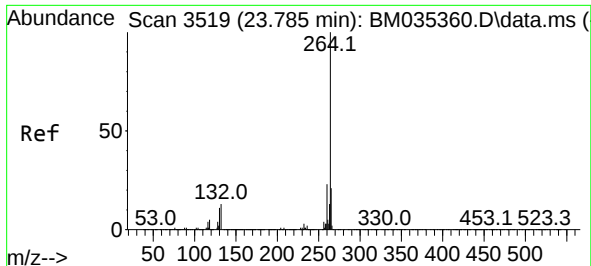
Tgt Ion:228 Resp: 206600
Ion Ratio Lower Upper
228 100
226 29.1 22.3 33.5
229 22.7 15.8 23.6



#83
Chrysene
Concen: 4.205 ng
RT: 21.403 min Scan# 3114
Delta R.T. -0.065 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion:228 Resp: 206600
Ion Ratio Lower Upper
228 100
226 29.1 24.4 36.6
229 22.7 15.8 23.8

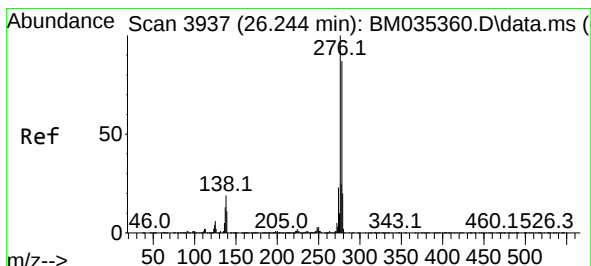
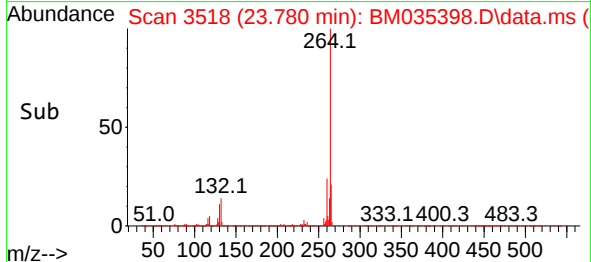
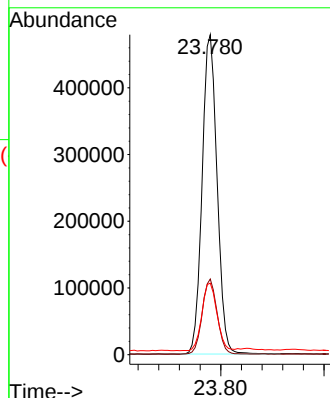
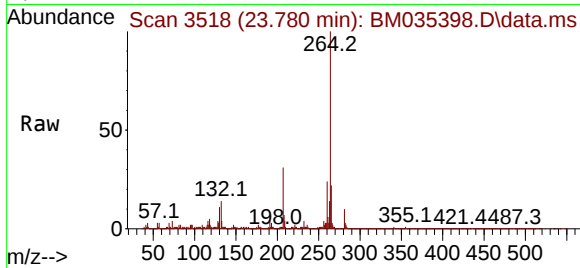




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

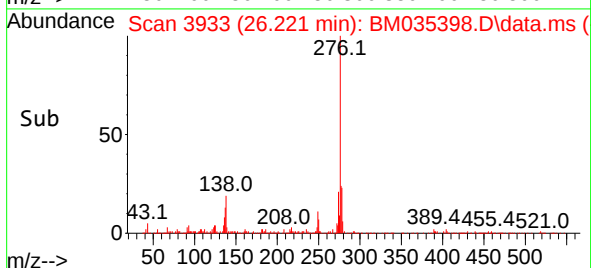
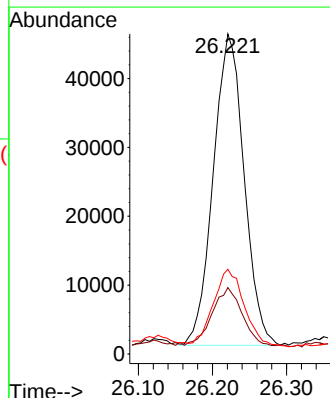
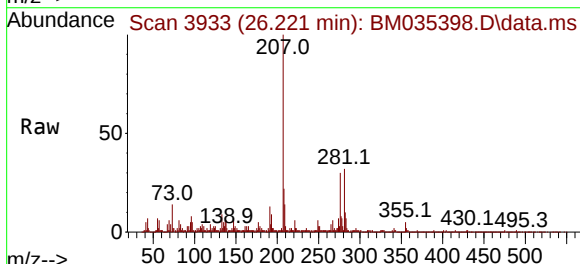
Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E

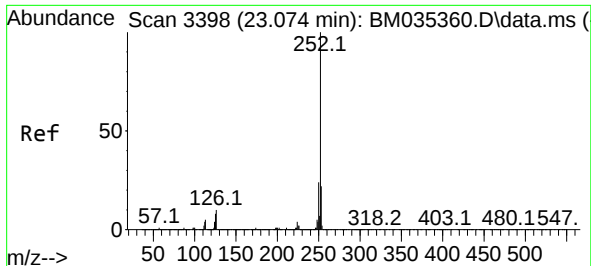
Tgt Ion:264 Resp: 961538
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.3 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.048 ng
RT: 26.221 min Scan# 3933
Delta R.T. -0.023 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion:276 Resp: 130648
Ion Ratio Lower Upper
276 100
138 18.2 20.2 30.4#
277 25.2 20.2 30.2

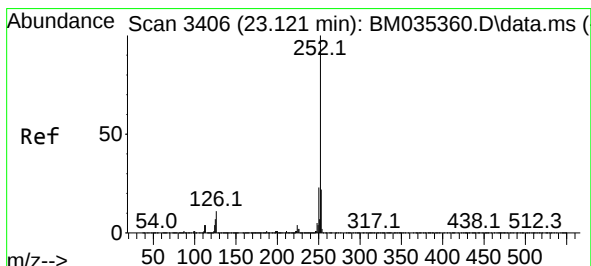
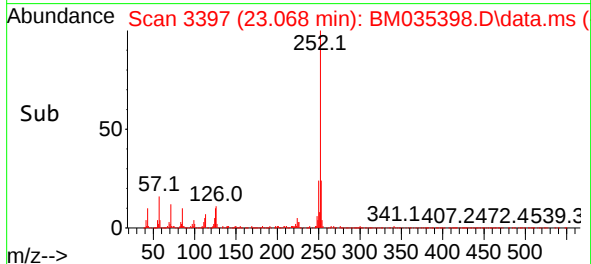
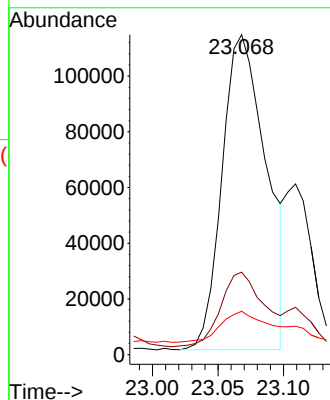
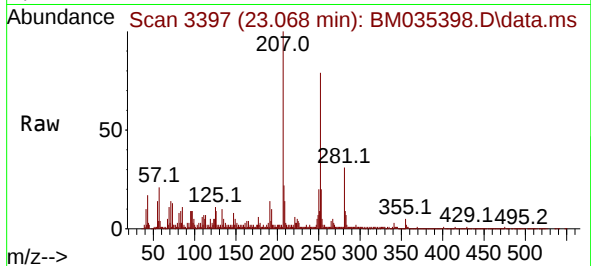




#88
Benzo(b)fluoranthene
Concen: 4.781 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

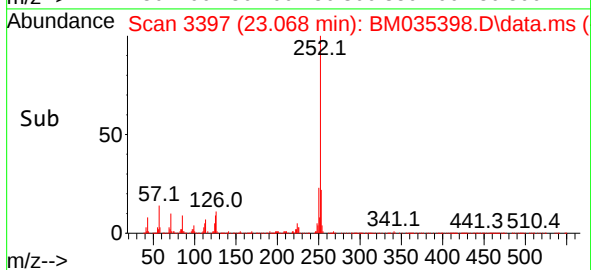
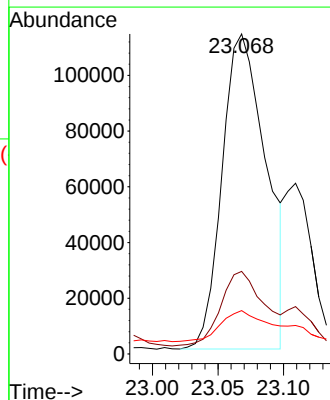
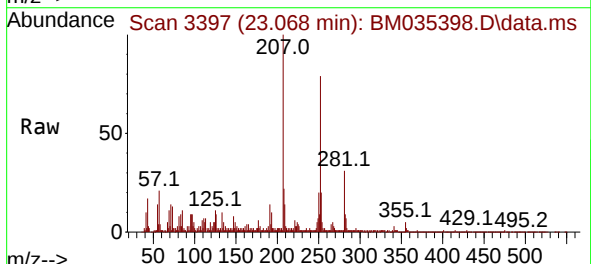
Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E

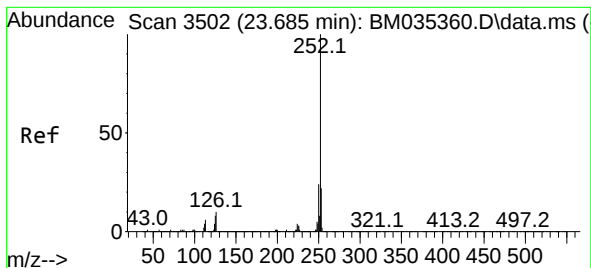
Tgt Ion:252 Resp: 264781
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 13.6 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 4.672 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.053 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion:252 Resp: 264781
Ion Ratio Lower Upper
252 100
253 25.8 17.5 26.3
125 13.6 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 4.375 ng

RT: 23.674 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM035398.D

Acq: 03 Jun 2022 16:56

Instrument :

BNA_M

ClientSampleId :

20220425-AMENDED-COMP-E

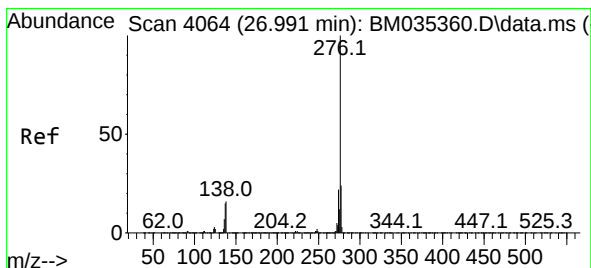
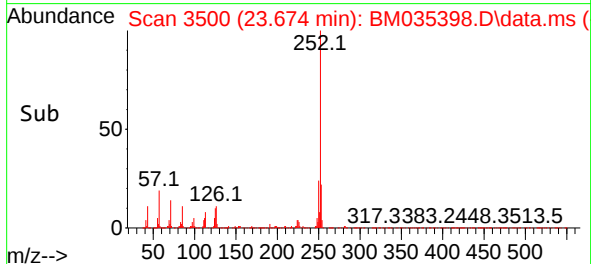
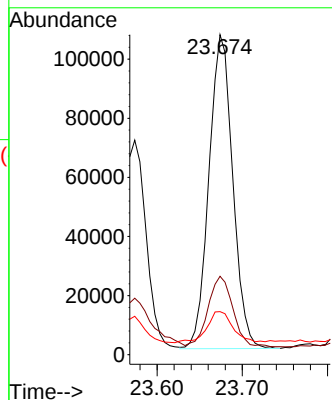
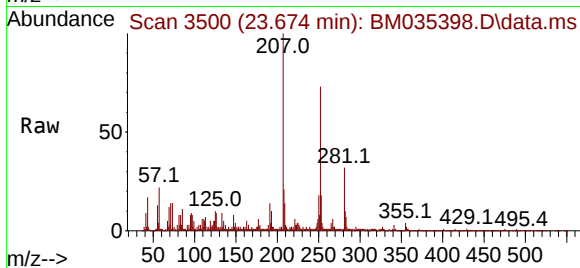
Tgt Ion:252 Resp: 206305

Ion Ratio Lower Upper

252 100

253 24.5 17.2 25.8

125 13.5 8.7 13.1#



#92

Benzo(g,h,i)perylene

Concen: 2.547 ng

RT: 26.974 min Scan# 4061

Delta R.T. -0.018 min

Lab File: BM035398.D

Acq: 03 Jun 2022 16:56

Tgt Ion:276 Resp: 130786

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 20.7 17.6 26.4

