

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
 Data File : BM038780.D
 Acq On : 17 Feb 2023 18:36
 Operator : CG/JU
 Sample : 01570-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-6-021523

Quant Time: Feb 17 23:23:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 23:12:31 2023
 Response via : Initial Calibration

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

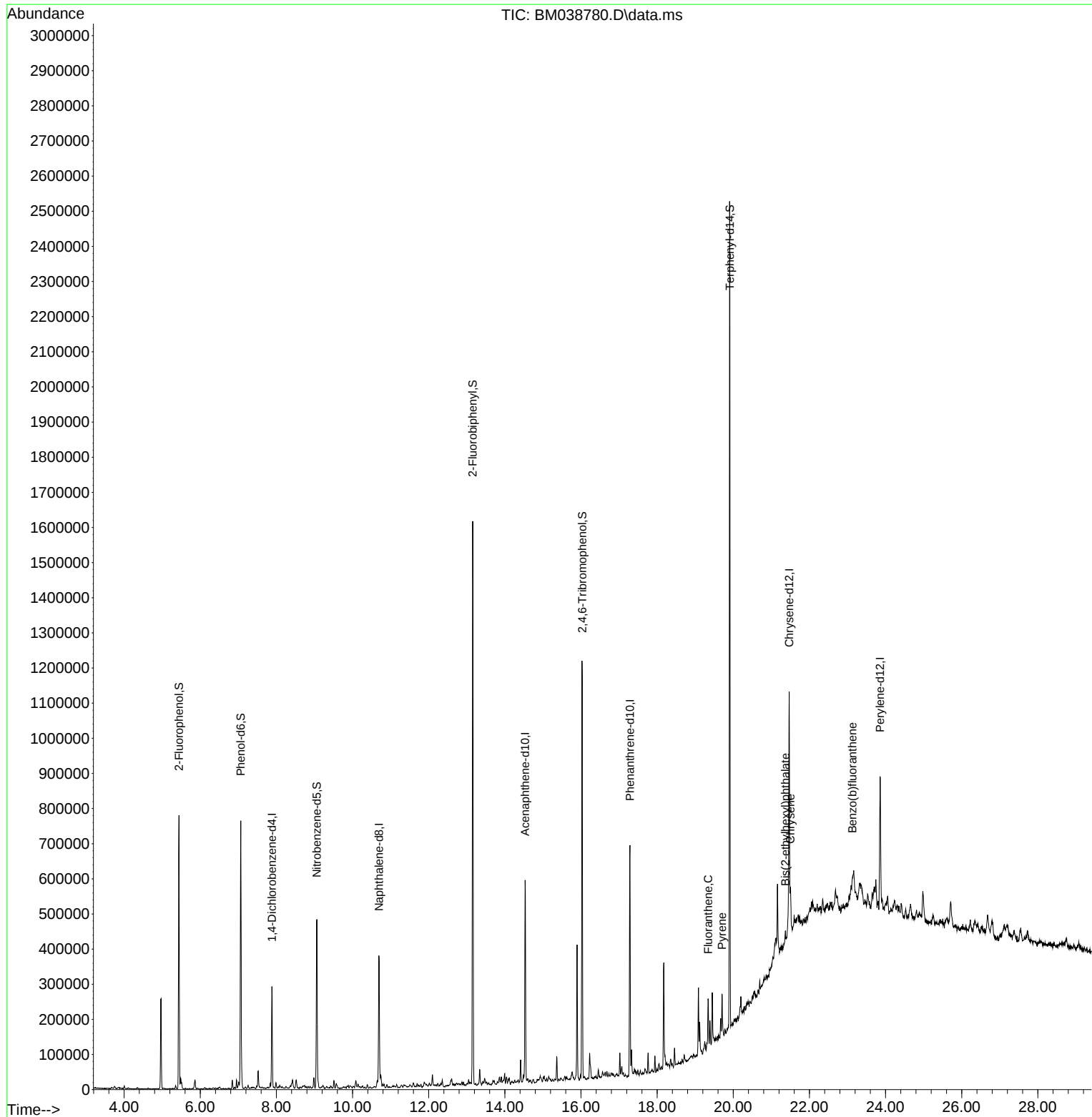
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	81576	20.000	ng	-0.03
21) Naphthalene-d8	10.692	136	307431	20.000	ng	-0.03
39) Acenaphthene-d10	14.533	164	191004	20.000	ng	-0.03
64) Phenanthrene-d10	17.286	188	367486	20.000	ng	#-0.02
76) Chrysene-d12	21.468	240	244255	20.000	ng	-0.02
86) Perylene-d12	23.856	264	253787	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	347788	83.515	ng	-0.02
7) Phenol-d6	7.063	99	432942	91.154	ng	-0.02
23) Nitrobenzene-d5	9.057	82	260564	48.141	ng	-0.04
42) 2,4,6-Tribromophenol	16.033	330	209430	80.669	ng	-0.02
45) 2-Fluorobiphenyl	13.157	172	760329	50.678	ng	-0.03
79) Terphenyl-d14	19.909	244	987996	71.380	ng	-0.02
Target Compounds						Qvalue
75) Fluoranthene	19.339	202	66724	2.912	ng	97
78) Pyrene	19.703	202	64022	3.404	ng	97
83) Chrysene	21.503	228	38971	2.341	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.368	149	12017	2.350	ng	# 84
88) Benzo(b)fluoranthene	23.127	252	41982	2.762	ng	# 76

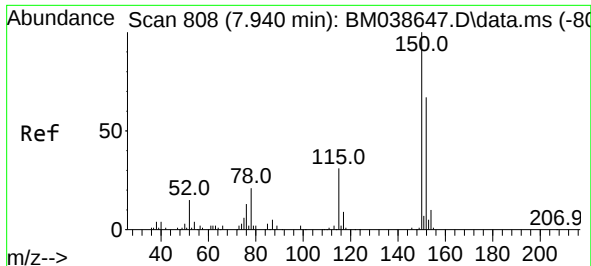
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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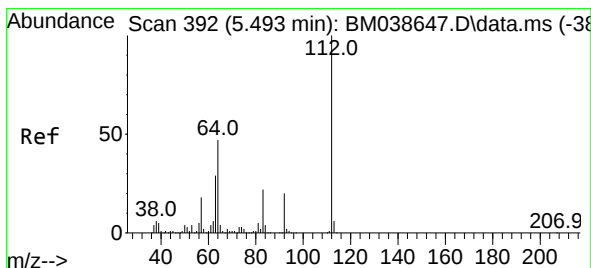
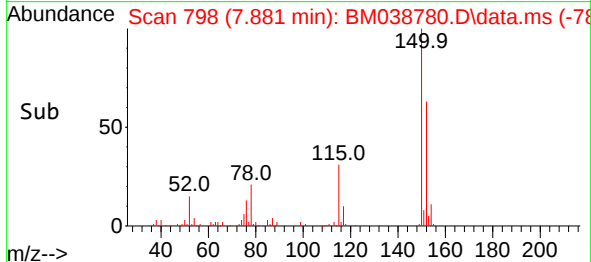
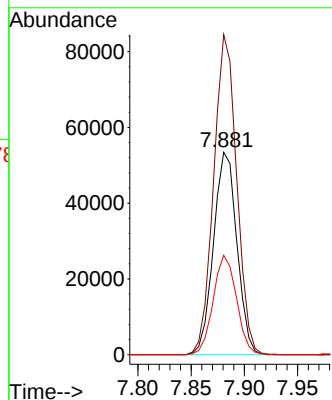
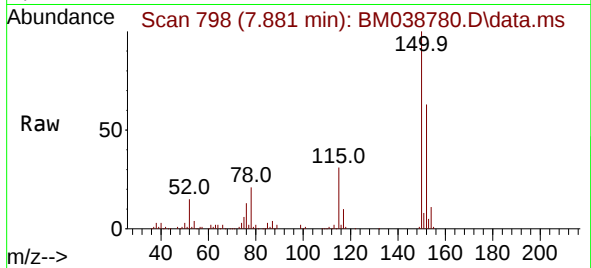




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 71
Delta R.T. -0.029 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

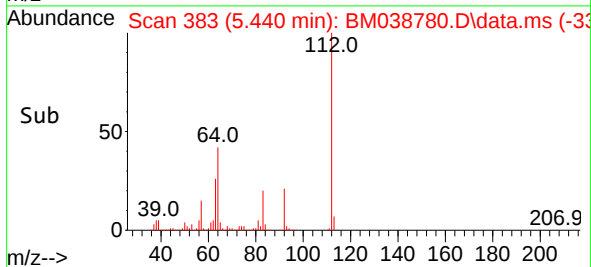
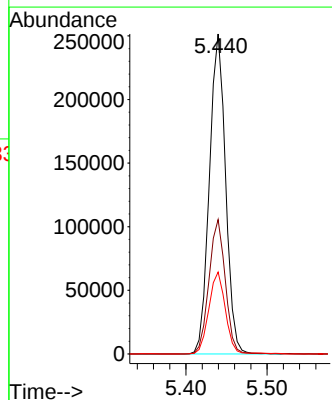
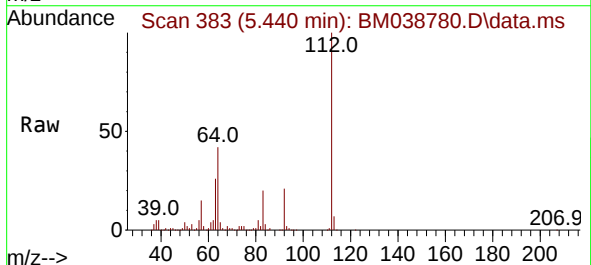
Instrument :
BNA_M
ClientSampleId :
AU-6-021523

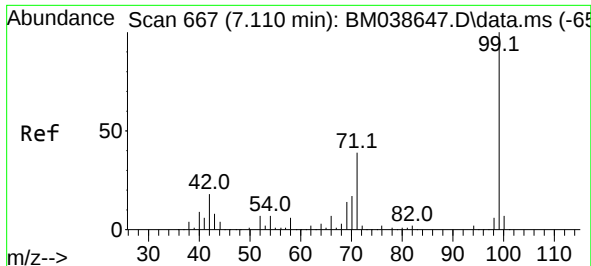
Tgt Ion:152 Resp: 81576
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 49.1 37.6 56.4



#5
2-Fluorophenol
Concen: 83.515 ng
RT: 5.440 min Scan# 383
Delta R.T. -0.024 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

Tgt Ion:112 Resp: 347788
Ion Ratio Lower Upper
112 100
64 42.0 37.9 56.9
63 25.6 23.3 34.9

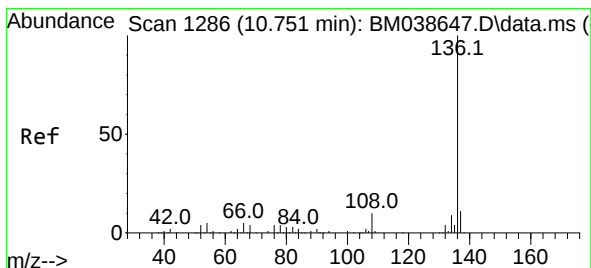
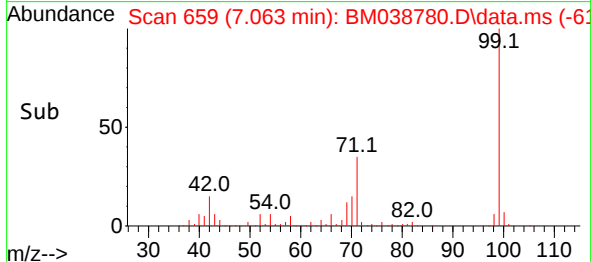
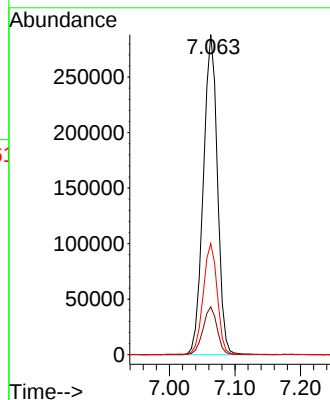
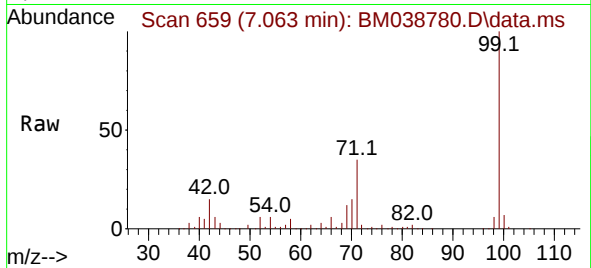




#7
Phenol-d6
Concen: 91.154 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

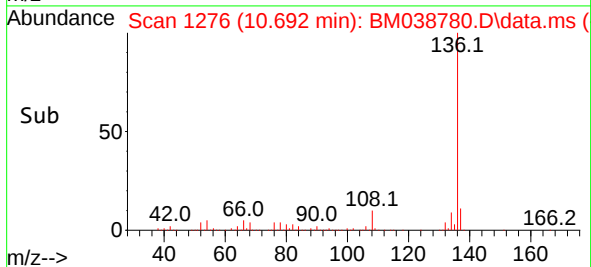
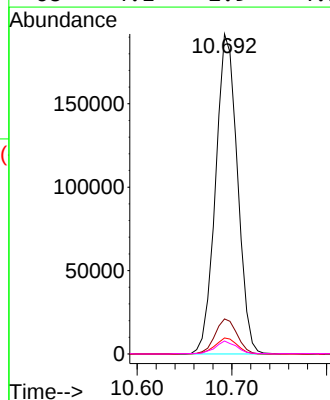
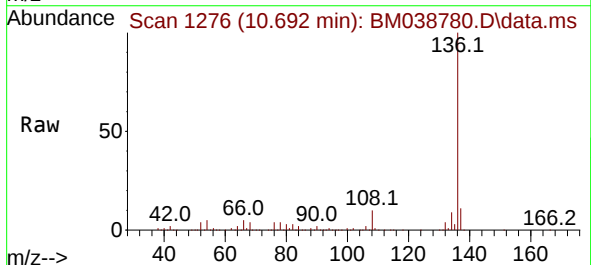
Instrument :
BNA_M
ClientSampleId :
AU-6-021523

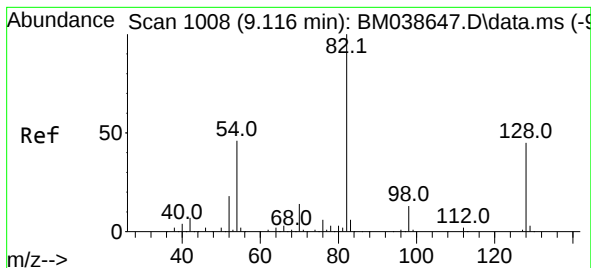
Tgt Ion: 99 Resp: 432942
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 34.7 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1276
Delta R.T. -0.030 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

Tgt Ion: 136 Resp: 307431
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.0 4.2 6.4
68 4.1 2.9 4.3

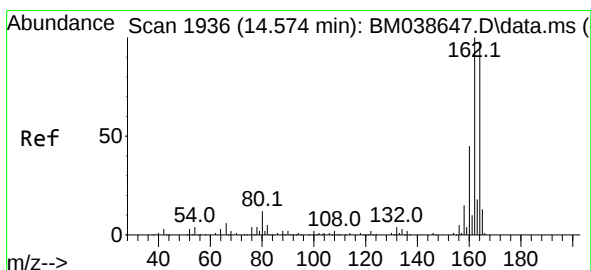
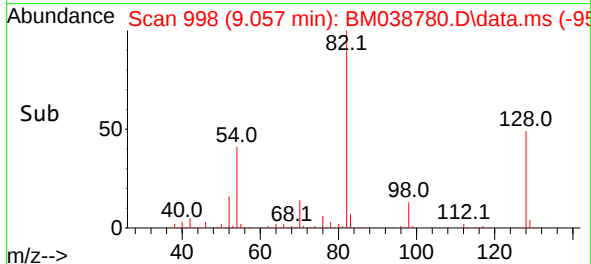
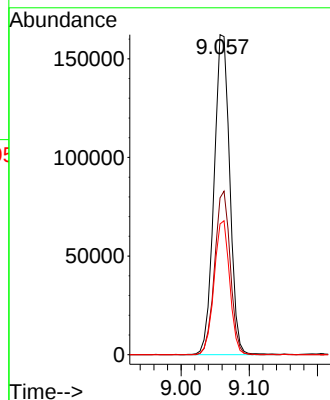
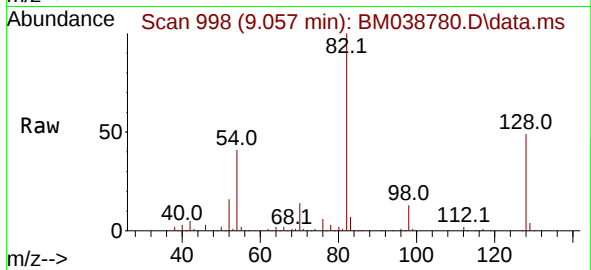




#23
Nitrobenzene-d5
Concen: 48.141 ng
RT: 9.057 min Scan# 91
Delta R.T. -0.035 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

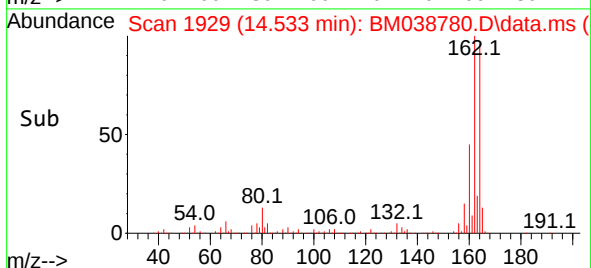
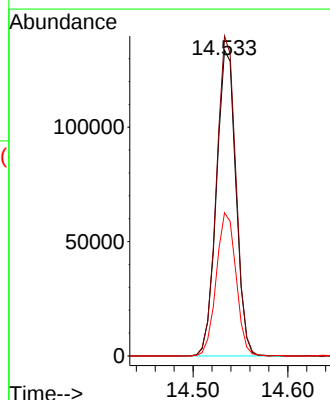
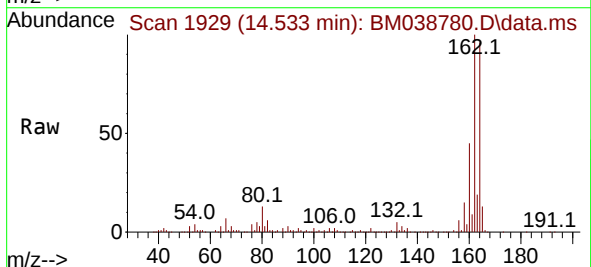
Instrument :
BNA_M
ClientSampleId :
AU-6-021523

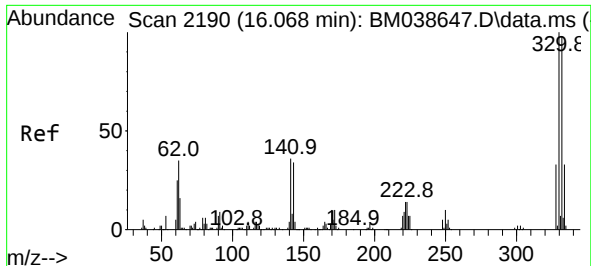
Tgt Ion: 82 Resp: 260564
Ion Ratio Lower Upper
82 100
128 49.0 36.0 54.0
54 40.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.029 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

Tgt Ion:164 Resp: 191004
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.0
160 46.8 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 80.669 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM038780.D

Acq: 17 Feb 2023 18:36

Instrument :

BNA_M

ClientSampleId :

AU-6-021523

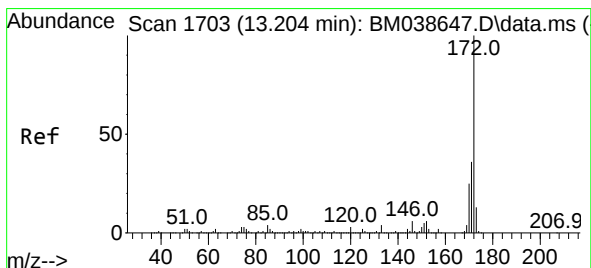
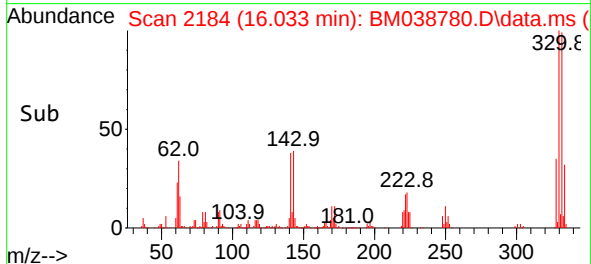
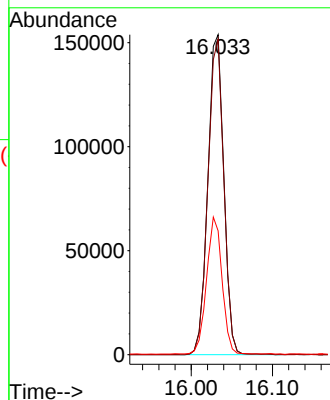
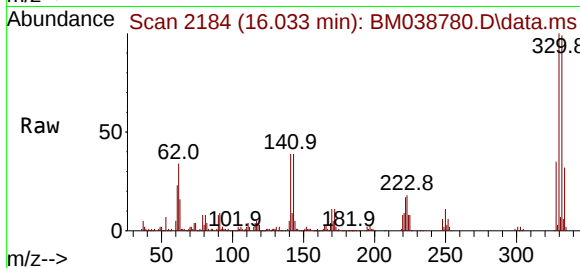
Tgt Ion:330 Resp: 209430

Ion Ratio Lower Upper

330 100

332 98.0 77.8 116.6

141 41.9 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 50.678 ng

RT: 13.157 min Scan# 1695

Delta R.T. -0.030 min

Lab File: BM038780.D

Acq: 17 Feb 2023 18:36

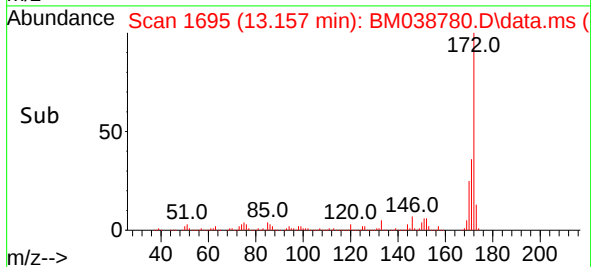
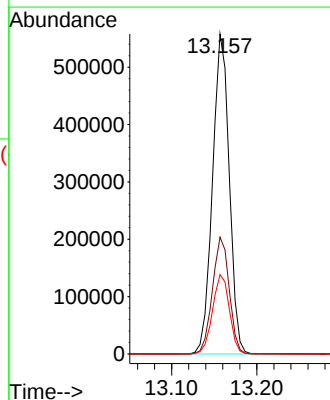
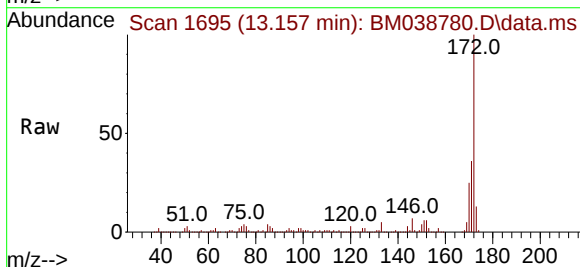
Tgt Ion:172 Resp: 760329

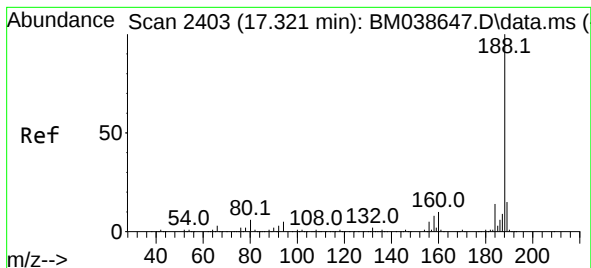
Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

170 24.8 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM038780.D

Acq: 17 Feb 2023 18:36

Instrument :

BNA_M

ClientSampleId :

AU-6-021523

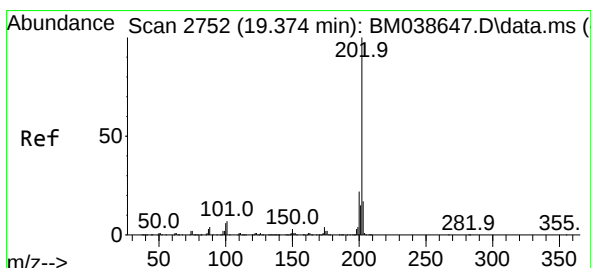
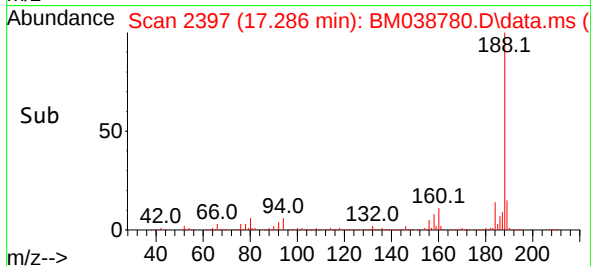
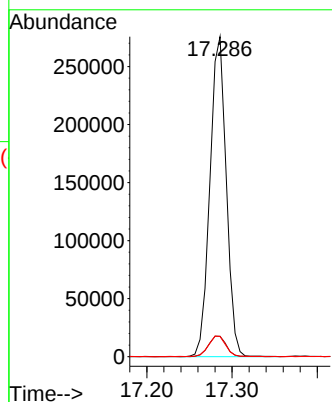
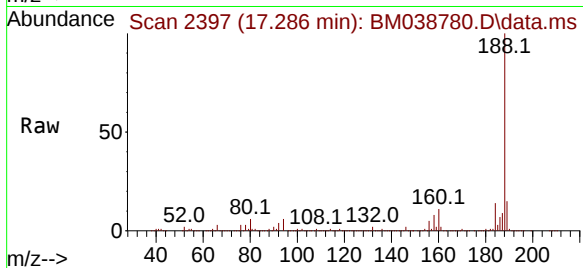
Tgt Ion:188 Resp: 367486

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.4#

80 6.3 4.6 7.0



#75

Fluoranthene

Concen: 2.912 ng

RT: 19.339 min Scan# 2746

Delta R.T. -0.024 min

Lab File: BM038780.D

Acq: 17 Feb 2023 18:36

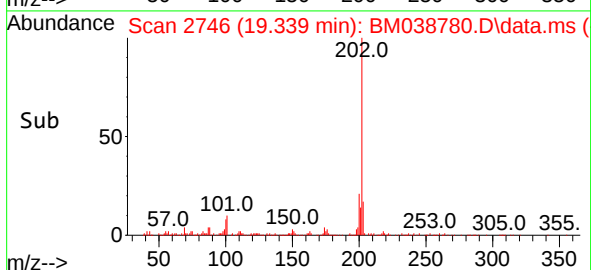
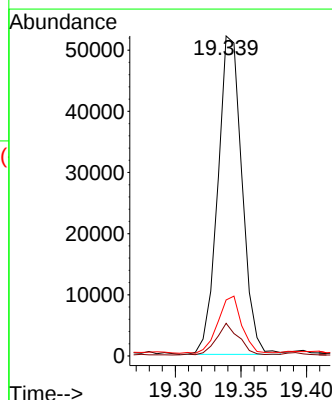
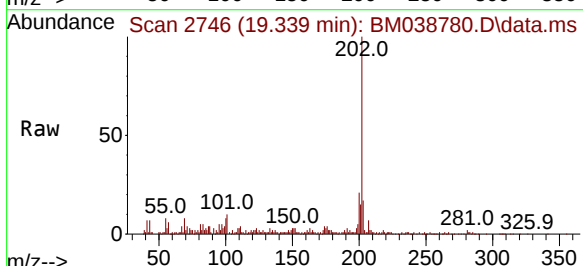
Tgt Ion:202 Resp: 66724

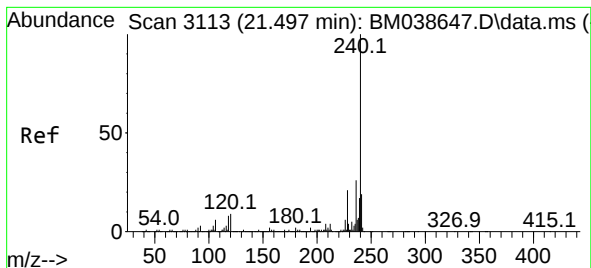
Ion Ratio Lower Upper

202 100

101 10.2 0.0 27.4

203 17.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3113

Delta R.T. -0.024 min

Lab File: BM038780.D

Acq: 17 Feb 2023 18:36

Instrument :

BNA_M

ClientSampleId :

AU-6-021523

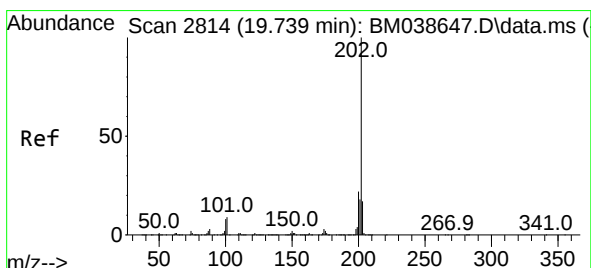
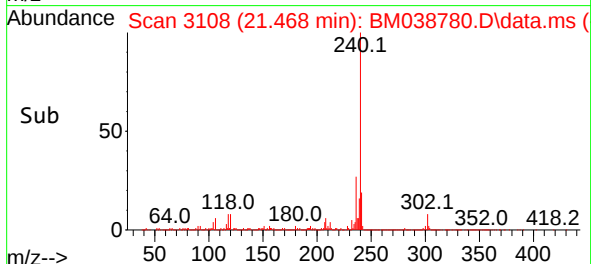
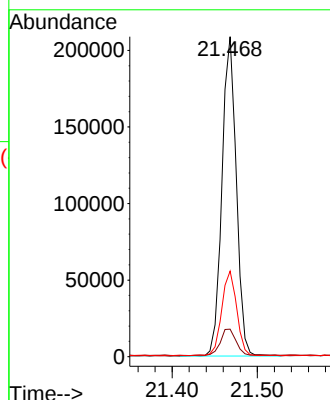
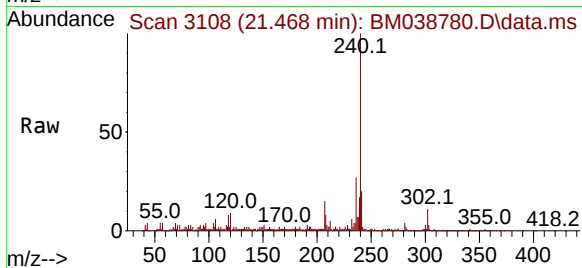
Tgt Ion:240 Resp: 244255

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.4

236 26.8 20.9 31.3



#78

Pyrene

Concen: 3.404 ng

RT: 19.703 min Scan# 2808

Delta R.T. -0.024 min

Lab File: BM038780.D

Acq: 17 Feb 2023 18:36

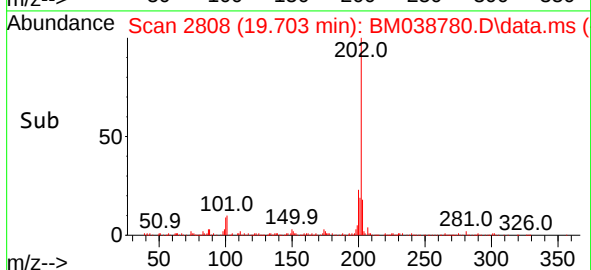
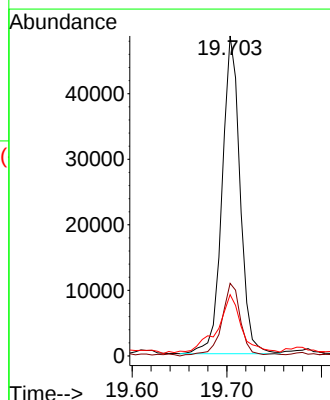
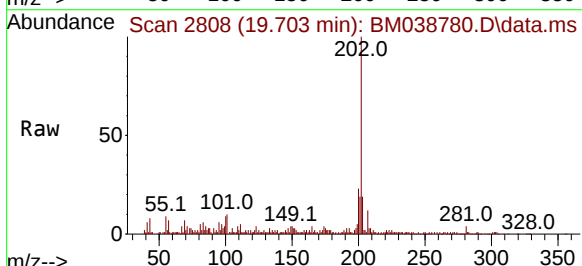
Tgt Ion:202 Resp: 64022

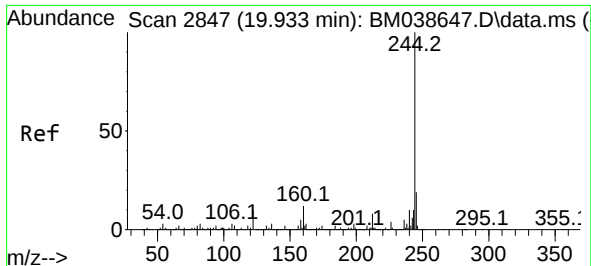
Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.6

203 19.1 13.5 20.3

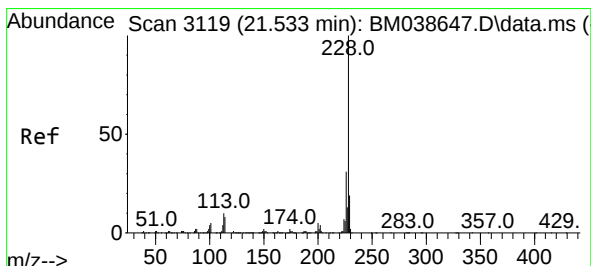
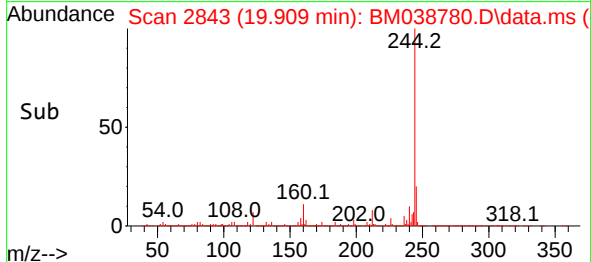
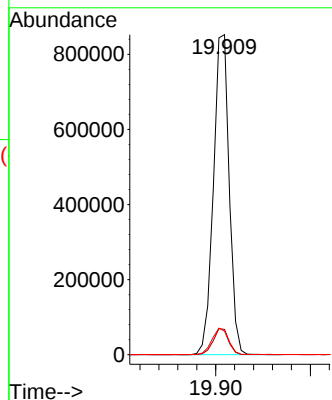
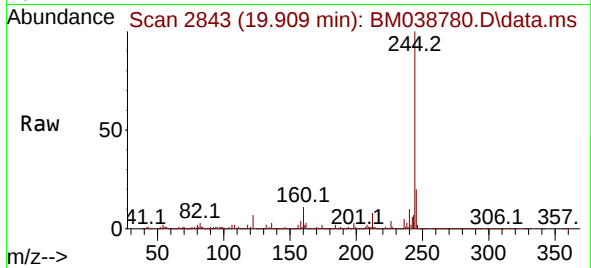




#79
 Terphenyl-d14
 Concen: 71.380 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM038780.D
 Acq: 17 Feb 2023 18:36

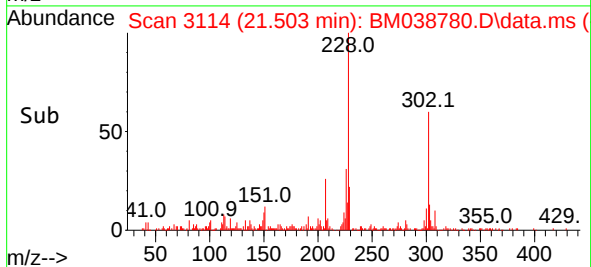
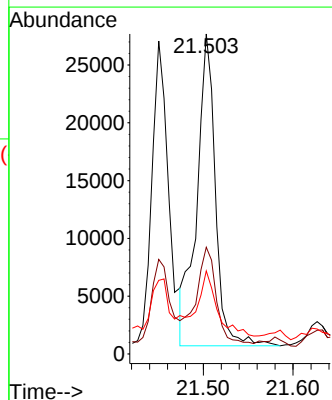
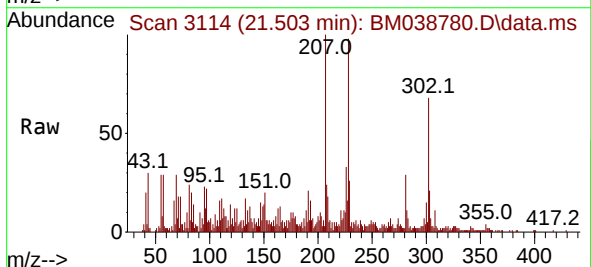
Instrument :
 BNA_M
 ClientSampleId :
 AU-6-021523

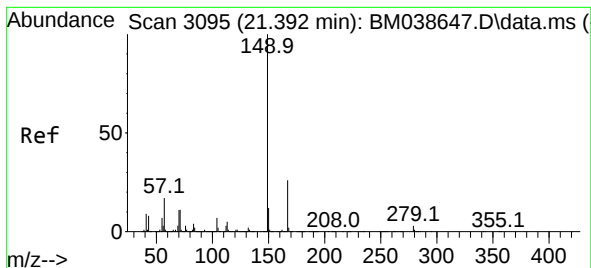
Tgt Ion:244 Resp: 987996
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 7.4 7.8 11.8#



#83
 Chrysene
 Concen: 2.341 ng
 RT: 21.503 min Scan# 3114
 Delta R.T. -0.024 min
 Lab File: BM038780.D
 Acq: 17 Feb 2023 18:36

Tgt Ion:228 Resp: 38971
 Ion Ratio Lower Upper
 228 100
 226 33.4 24.7 37.1
 229 25.9 15.5 23.3#

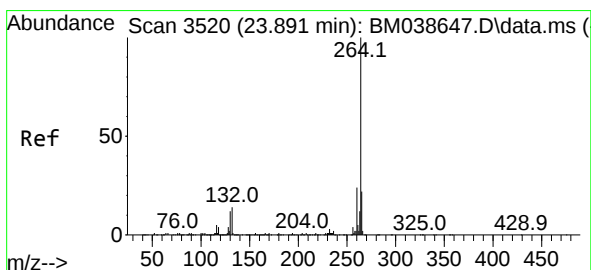
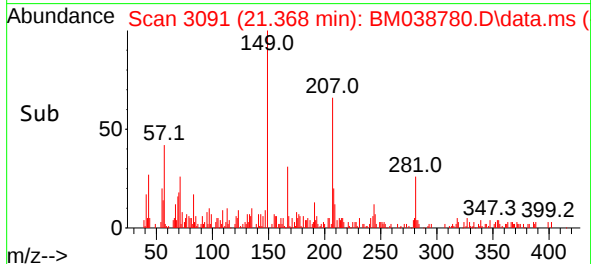
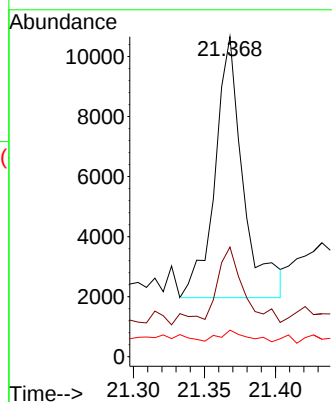
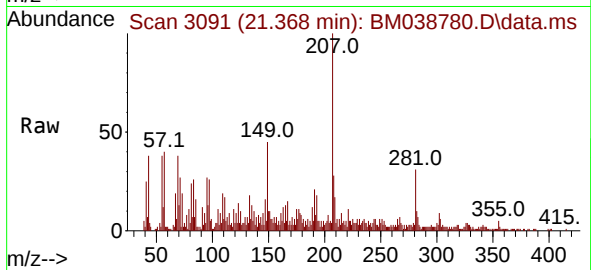




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.350 ng
RT: 21.368 min Scan# 3091
Delta R.T. -0.018 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

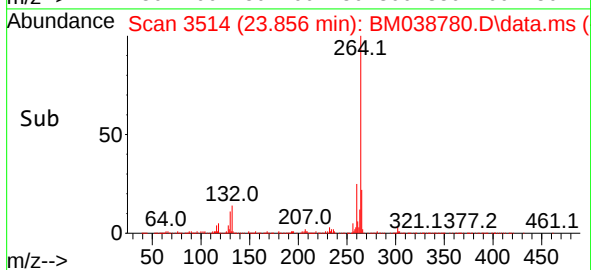
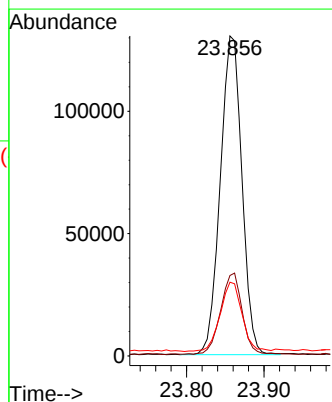
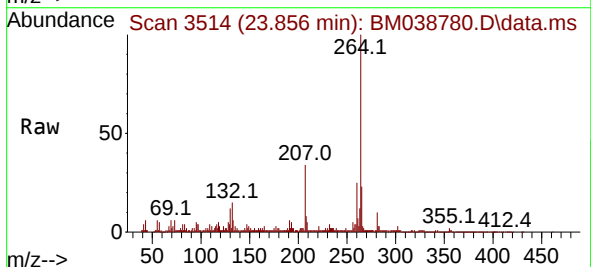
Instrument :
BNA_M
ClientSampleId :
AU-6-021523

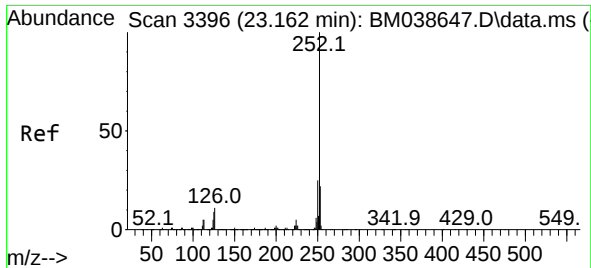
Tgt Ion:149 Resp: 12017
Ion Ratio Lower Upper
149 100
167 34.3 20.8 31.2#
279 8.3 2.5 3.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.856 min Scan# 3514
Delta R.T. -0.018 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

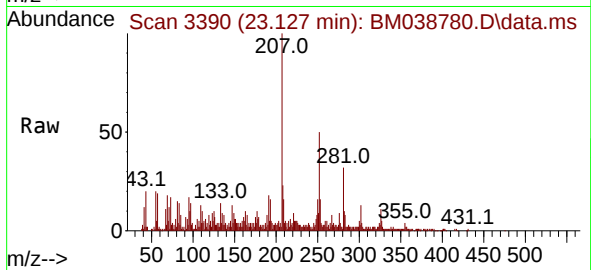
Tgt Ion:264 Resp: 253787
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 23.1 17.9 26.9





#88
Benzo(b)fluoranthene
Concen: 2.762 ng
RT: 23.127 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM038780.D
Acq: 17 Feb 2023 18:36

Instrument :
BNA_M
ClientSampleId :
AU-6-021523



Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.6	17.4	26.2#
125	20.8	7.0	10.6#

