

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034373.D
 Acq On : 24 Mar 2022 21:40
 Operator : CG/JU
 Sample : N2089-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-032322

Quant Time: Mar 25 01:10:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

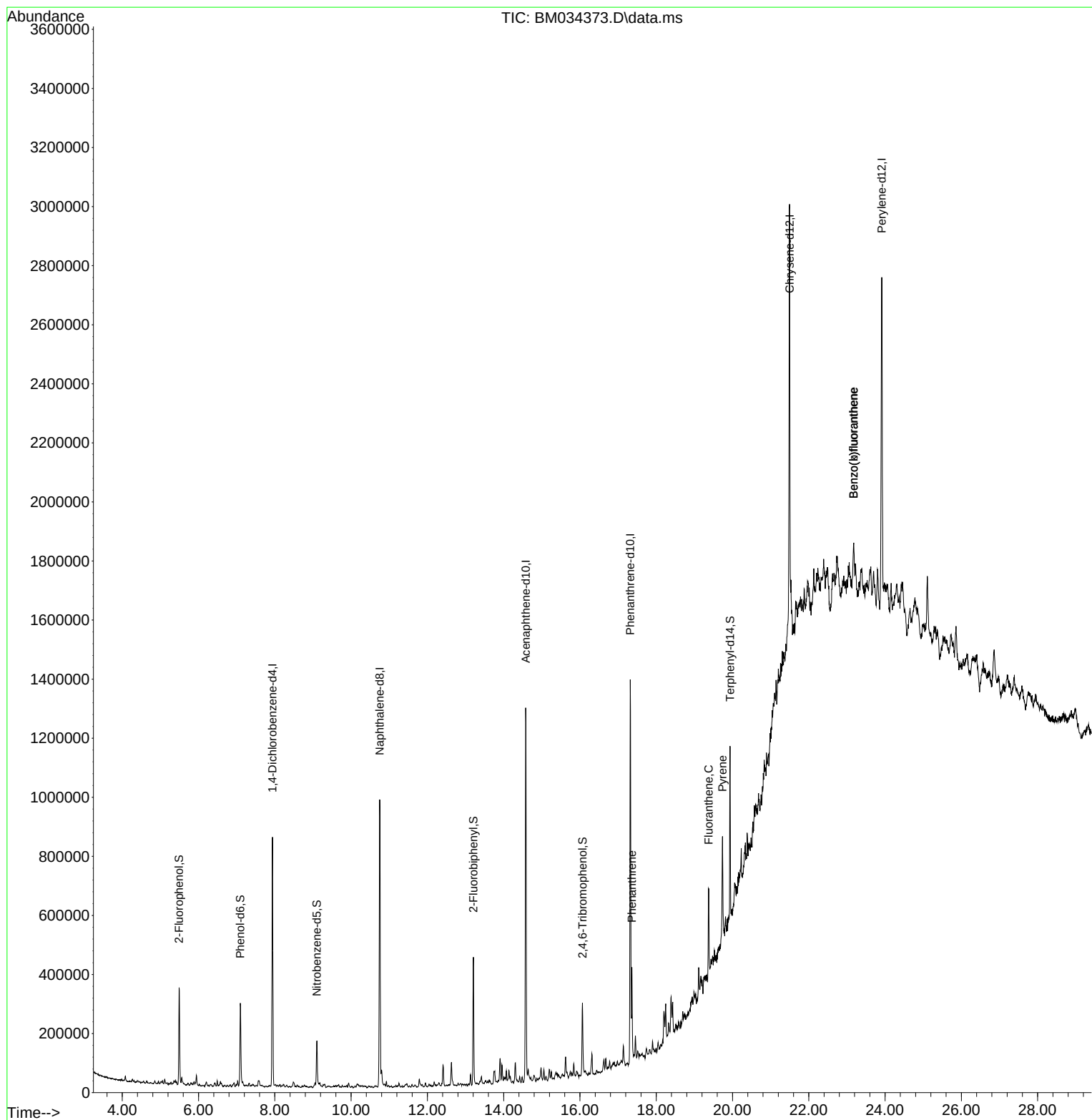
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	217966	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	816123	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	447575	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	781755	20.000	ng	0.00
76) Chrysene-d12	21.495	240	712156	20.000	ng	0.00
86) Perylene-d12	23.912	264	831010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	136680	11.249	ng	0.00
7) Phenol-d6	7.096	99	160245	9.212	ng	0.00
23) Nitrobenzene-d5	9.101	82	104442	6.231	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	51007	8.455	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	228912	6.989	ng	0.00
79) Terphenyl-d14	19.936	244	279073	6.809	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.360	178	180970	4.134	ng	99
75) Fluoranthene	19.377	202	163360	3.329	ng	97
78) Pyrene	19.736	202	211637	4.218	ng	98
88) Benzo(b)fluoranthene	23.177	252	125766	2.531	ng #	45
89) Benzo(k)fluoranthene	23.177	252	125766	2.389	ng #	44

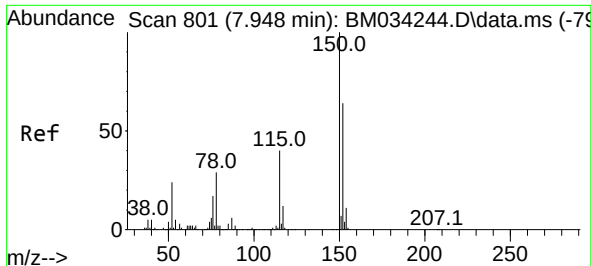
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
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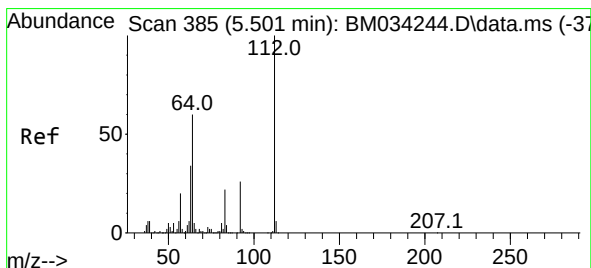
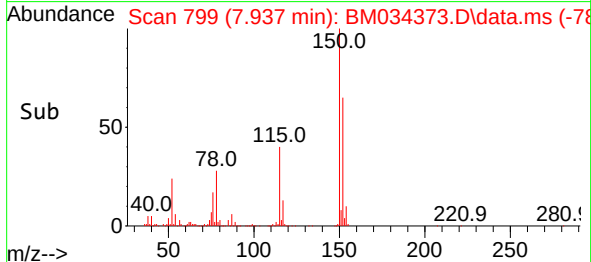
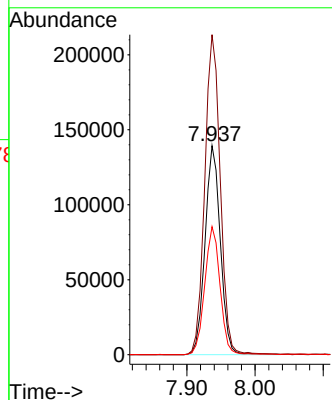
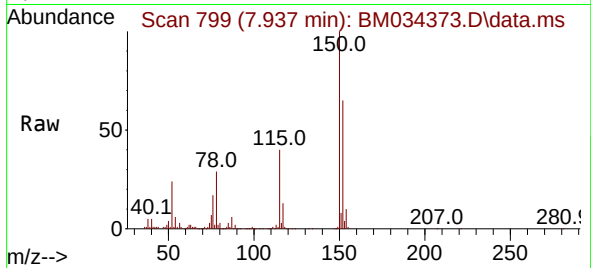




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.937 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BM034373.D
 Acq: 24 Mar 2022 21:40

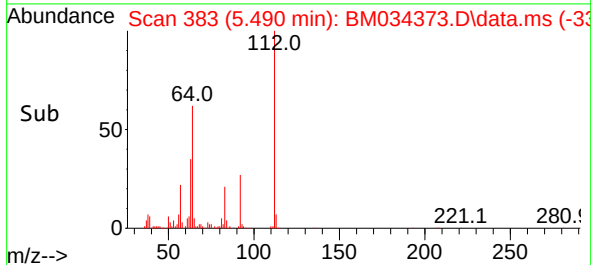
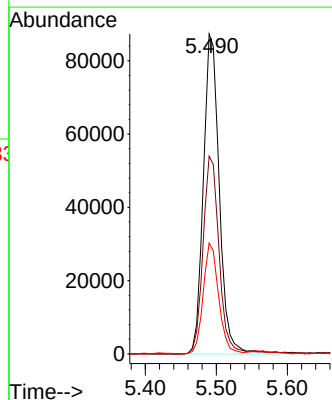
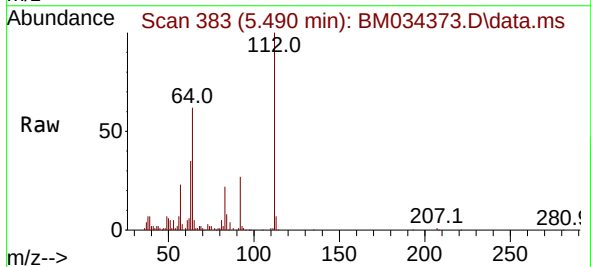
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-032322

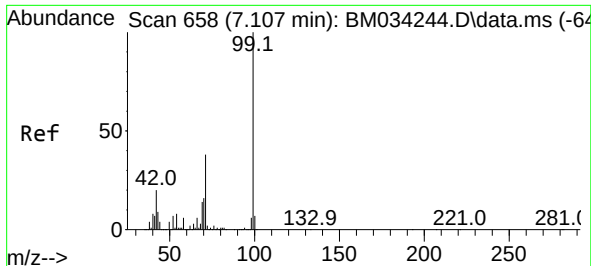
Tgt Ion:152 Resp: 217966
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.4 188.2
 115 61.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 11.249 ng
 RT: 5.490 min Scan# 383
 Delta R.T. 0.000 min
 Lab File: BM034373.D
 Acq: 24 Mar 2022 21:40

Tgt Ion:112 Resp: 136680
 Ion Ratio Lower Upper
 112 100
 64 61.8 47.9 71.9
 63 34.7 27.1 40.7

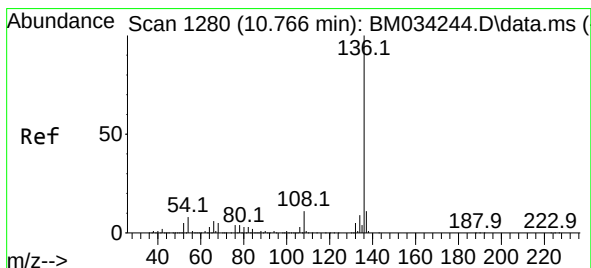
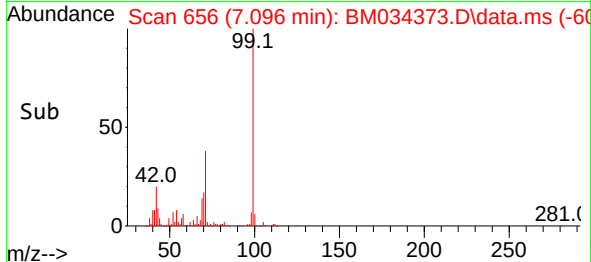
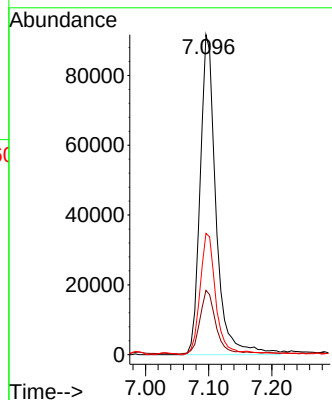
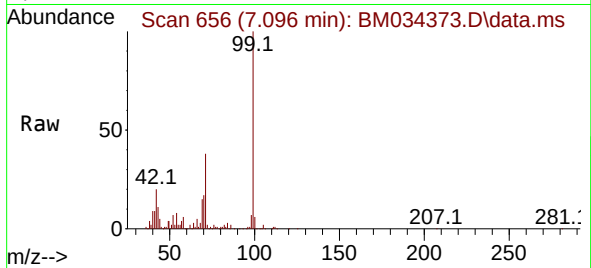




#7
Phenol-d6
Concen: 9.212 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

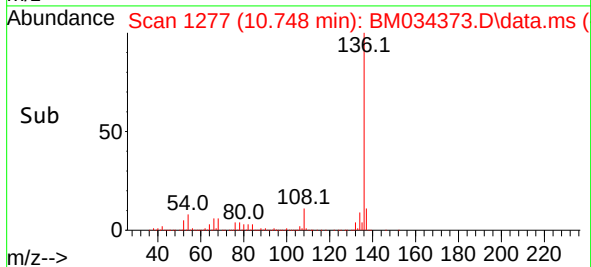
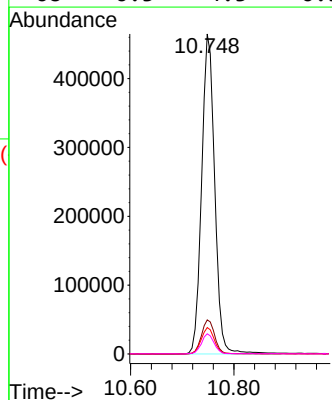
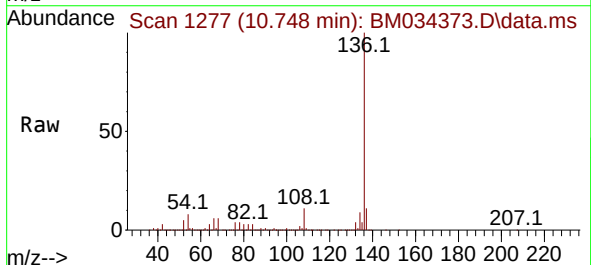
Instrument :
BNA_M
ClientSampleId :
CL-01-032322

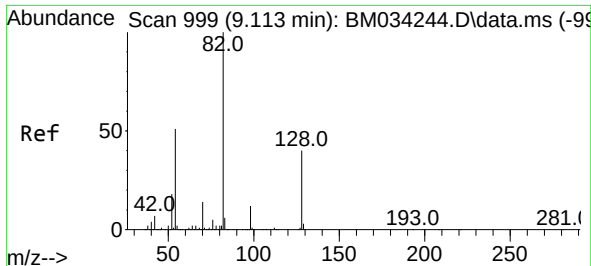
Tgt Ion: 99 Resp: 160245
Ion Ratio Lower Upper
99 100
42 20.1 15.6 23.4
71 37.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

Tgt Ion: 136 Resp: 816123
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.2 9.4
68 6.3 4.3 6.5

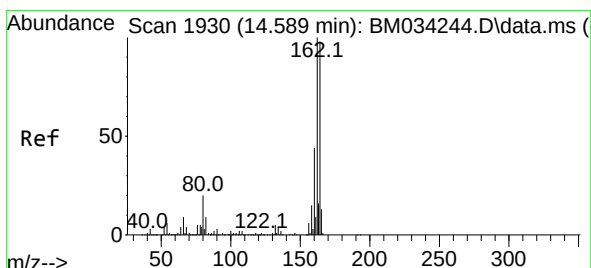
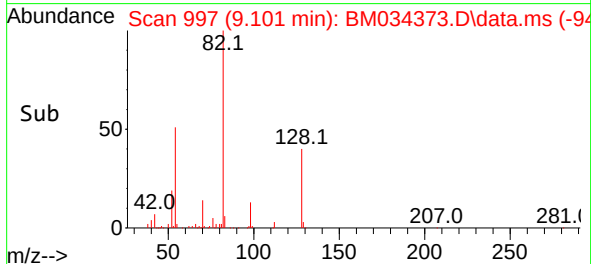
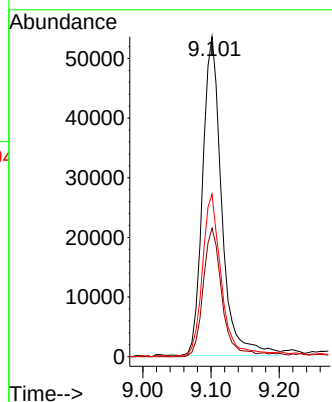
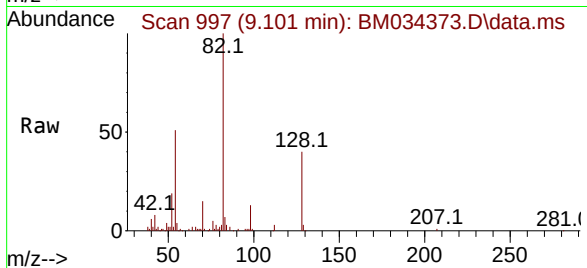




#23
Nitrobenzene-d5
Concen: 6.231 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

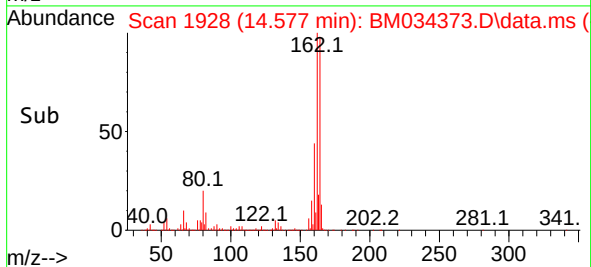
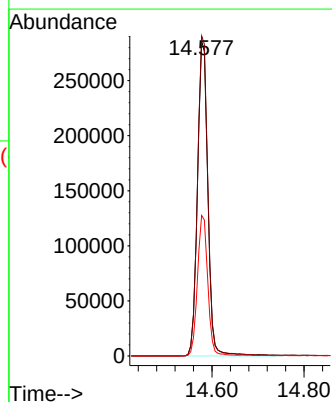
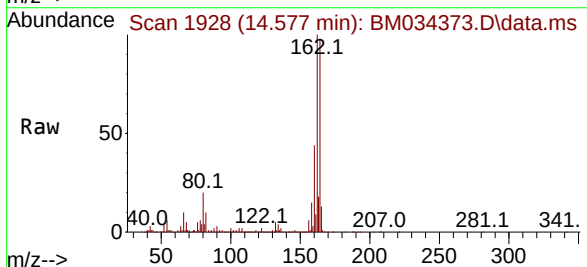
Instrument :
BNA_M
ClientSampleId :
CL-01-032322

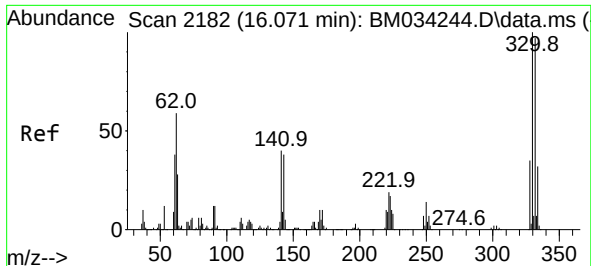
Tgt Ion: 82 Resp: 104442
Ion Ratio Lower Upper
82 100
128 40.1 31.9 47.9
54 50.8 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

Tgt Ion:164 Resp: 447575
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 44.6 35.6 53.4

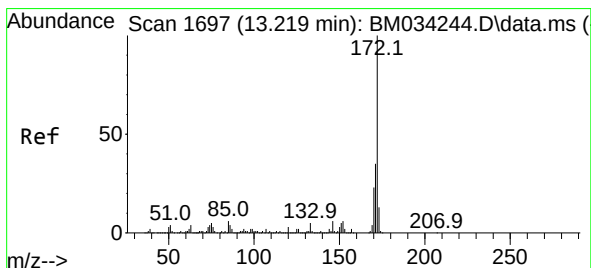
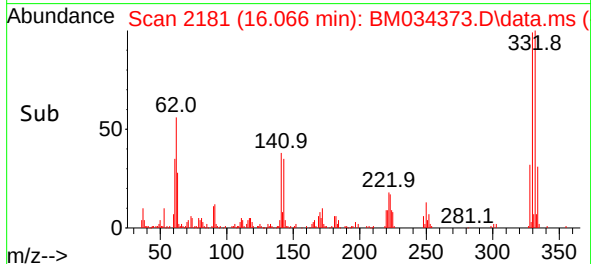
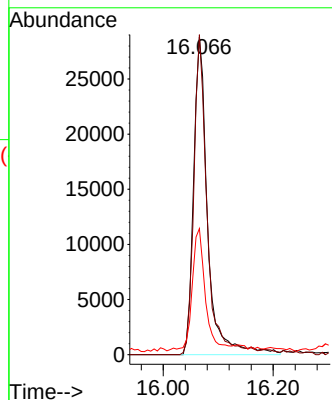
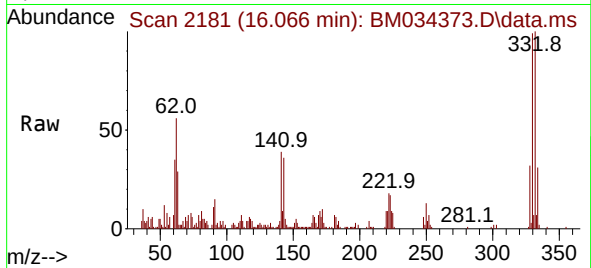




#42
2,4,6-Tribromophenol
Concen: 8.455 ng
RT: 16.066 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

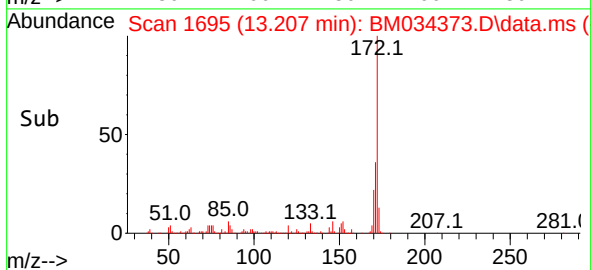
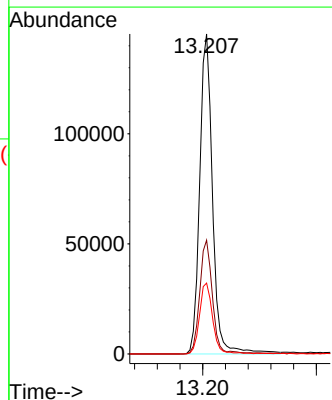
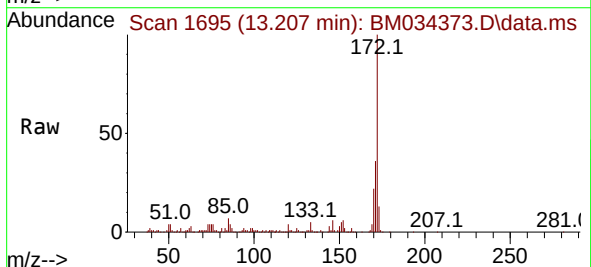
Instrument :
BNA_M
ClientSampleId :
CL-01-032322

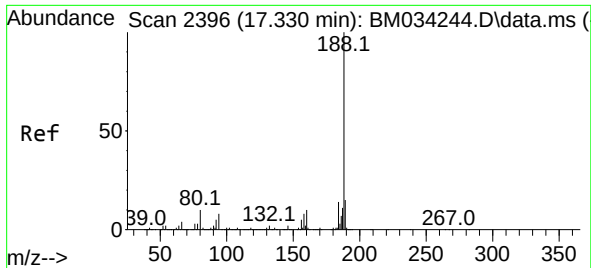
Tgt Ion:330 Resp: 51007
Ion Ratio Lower Upper
330 100
332 95.4 78.2 117.4
141 36.4 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 6.989 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

Tgt Ion:172 Resp: 228912
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 22.2 18.6 28.0

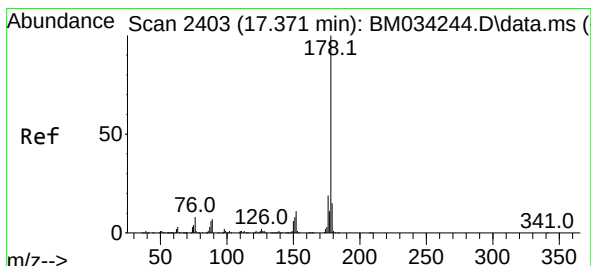
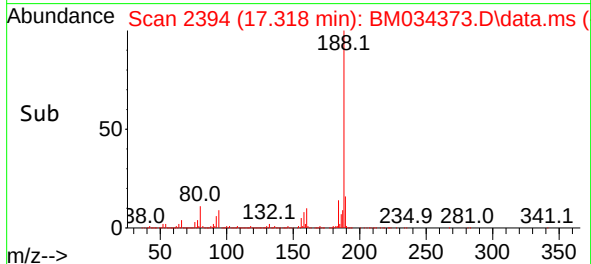
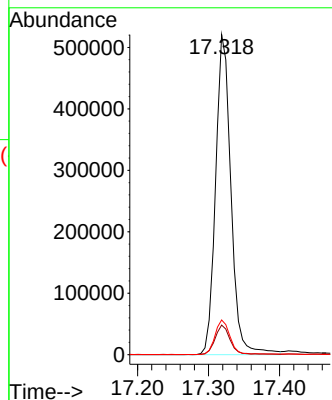
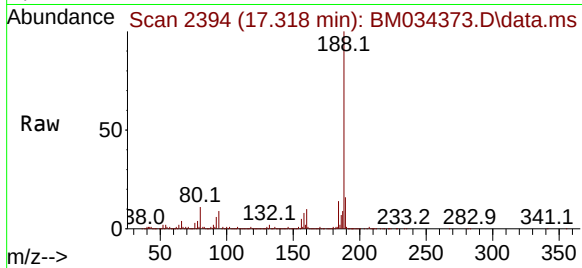




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

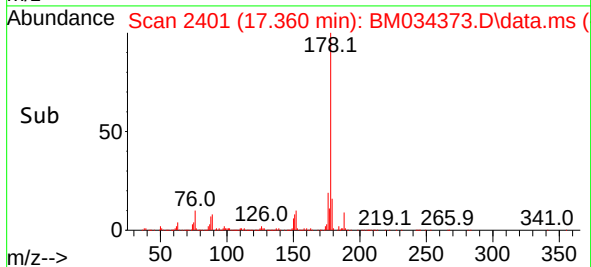
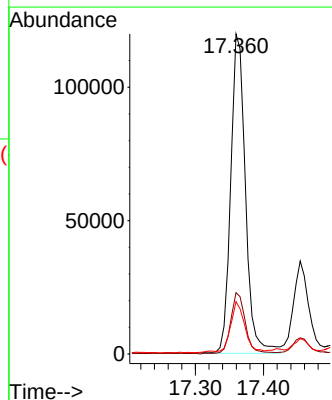
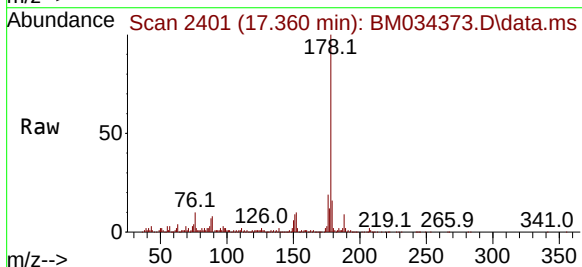
Instrument :
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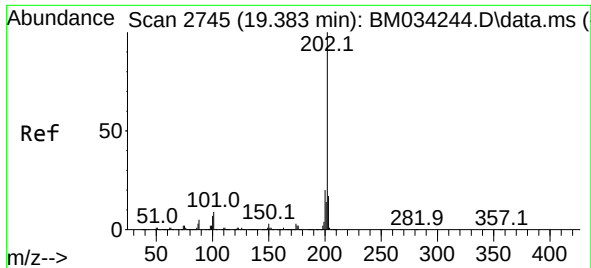
Tgt Ion:188 Resp: 781755
Ion Ratio Lower Upper
188 100
94 9.2 6.6 9.8
80 10.8 7.8 11.8



#71
Phenanthrene
Concen: 4.134 ng
RT: 17.360 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

Tgt Ion:178 Resp: 180970
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.3 12.2 18.4

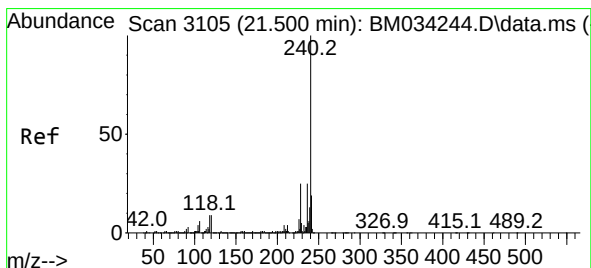
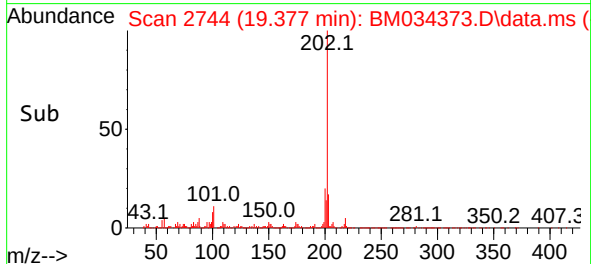
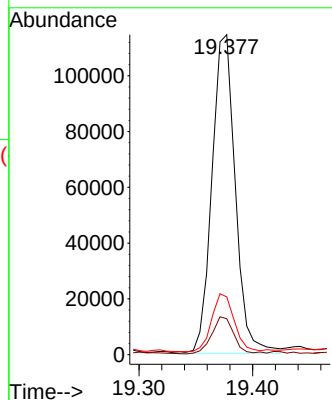
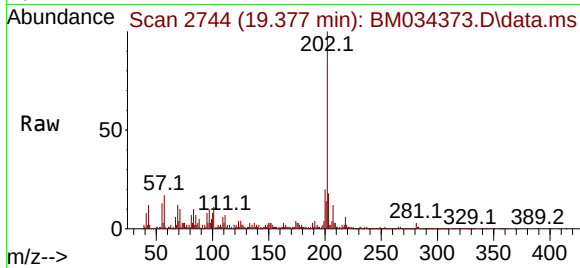




#75
Fluoranthene
Concen: 3.329 ng
RT: 19.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

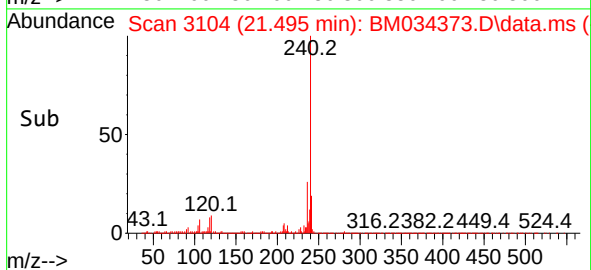
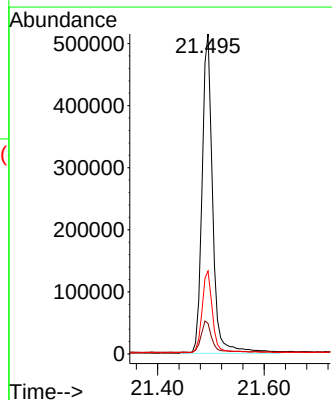
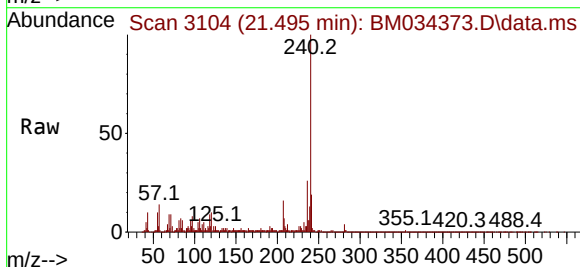
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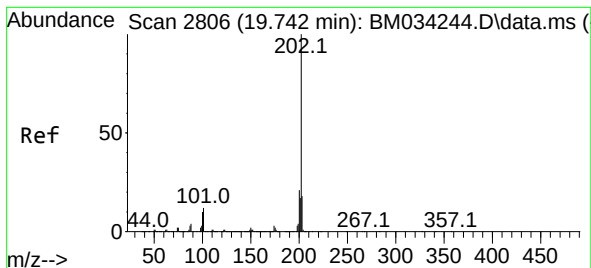
Tgt Ion:202 Resp: 163360
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.4
203 18.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM034373.D
Acq: 24 Mar 2022 21:40

Tgt Ion:240 Resp: 712156
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.9 20.2 30.2





#78

Pyrene

Concen: 4.218 ng

RT: 19.736 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM034373.D

Acq: 24 Mar 2022 21:40

Instrument :

BNA_M

ClientSampleId :

CL-01-032322

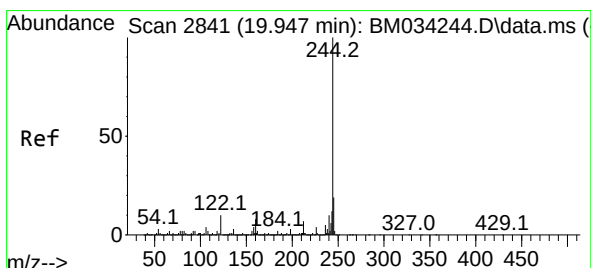
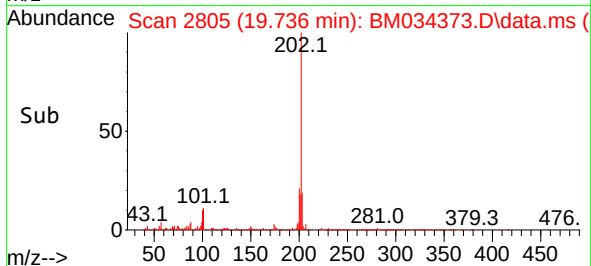
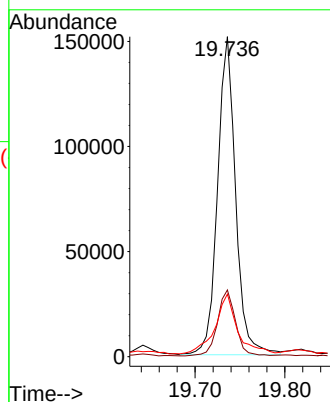
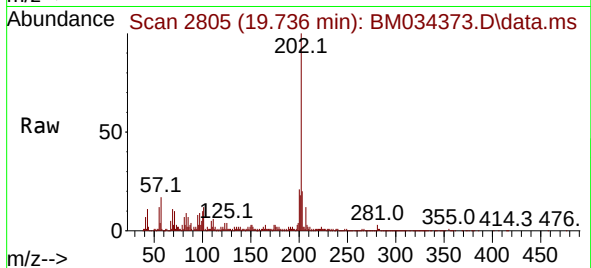
Tgt Ion:202 Resp: 211637

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 19.5 14.1 21.1



#79

Terphenyl-d14

Concen: 6.809 ng

RT: 19.936 min Scan# 2839

Delta R.T. 0.000 min

Lab File: BM034373.D

Acq: 24 Mar 2022 21:40

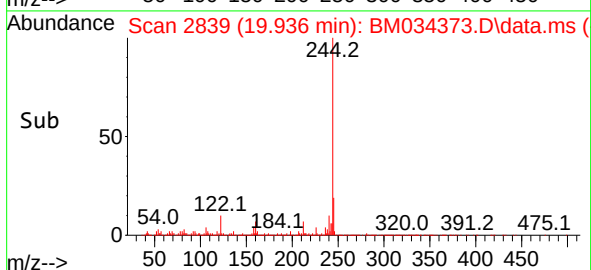
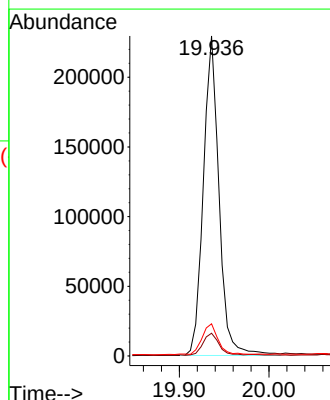
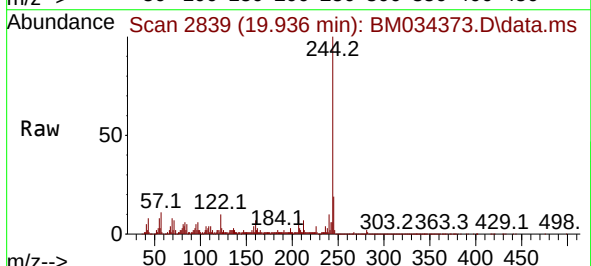
Tgt Ion:244 Resp: 279073

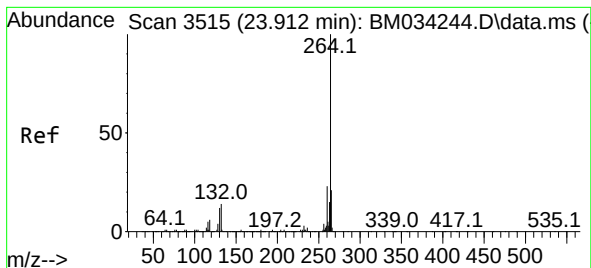
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.0 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.912 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM034373.D

Acq: 24 Mar 2022 21:40

Instrument :

BNA_M

ClientSampleId :

CL-01-032322

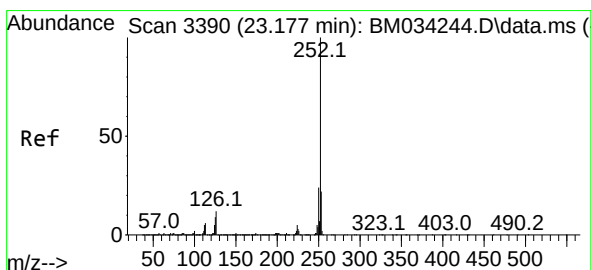
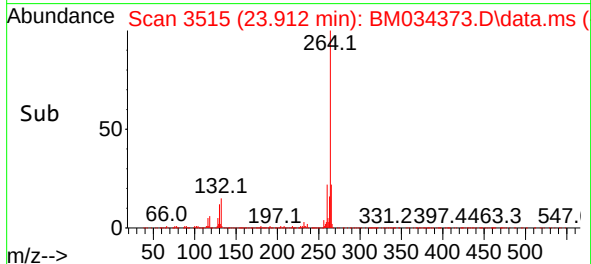
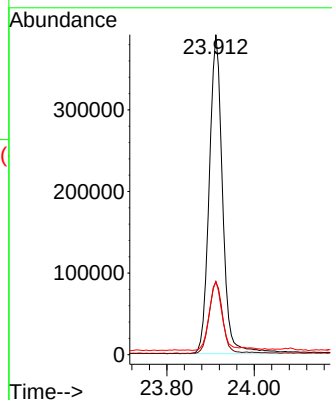
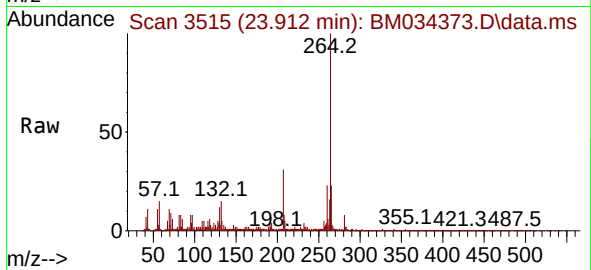
Tgt Ion:264 Resp: 831010

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 22.9 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 2.531 ng

RT: 23.177 min Scan# 3390

Delta R.T. 0.006 min

Lab File: BM034373.D

Acq: 24 Mar 2022 21:40

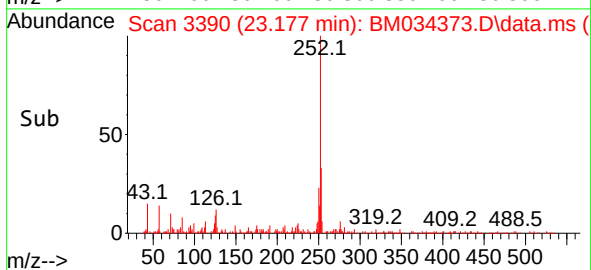
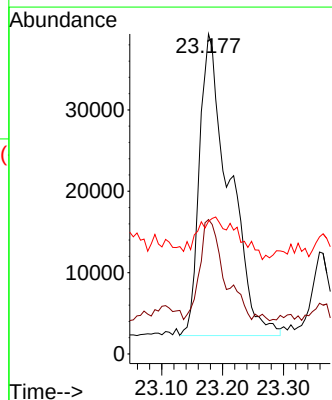
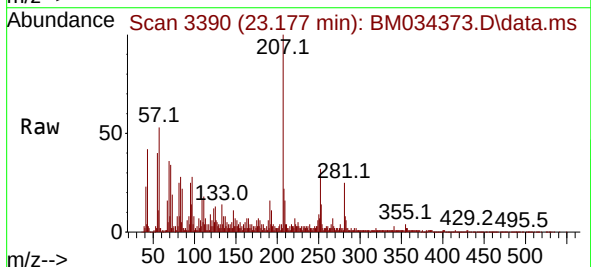
Tgt Ion:252 Resp: 125766

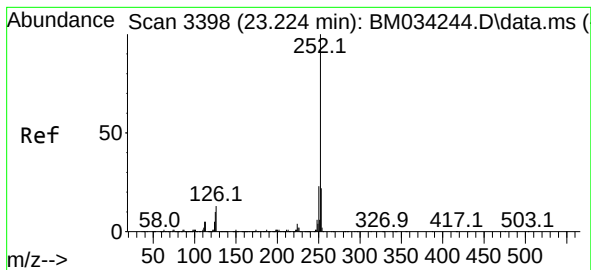
Ion Ratio Lower Upper

252 100

253 42.0 17.8 26.8#

125 41.5 7.2 10.8#





#89

Benzo(k)fluoranthene

Concen: 2.389 ng

RT: 23.177 min Scan# 31

Delta R.T. -0.047 min

Lab File: BM034373.D

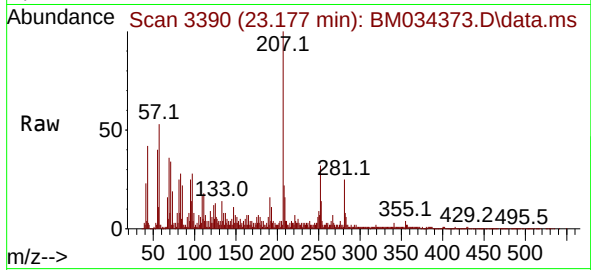
Acq: 24 Mar 2022 21:40

Instrument :

BNA_M

ClientSampleId :

CL-01-032322



Tgt Ion:252 Resp: 125766

Ion Ratio Lower Upper

252 100

253 42.0 17.6 26.4#

125 41.5 7.5 11.3#

