

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034371.D
 Acq On : 24 Mar 2022 20:28
 Operator : CG/JU
 Sample : N2094-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2-(Q3)

Quant Time: Mar 25 01:10:40 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)

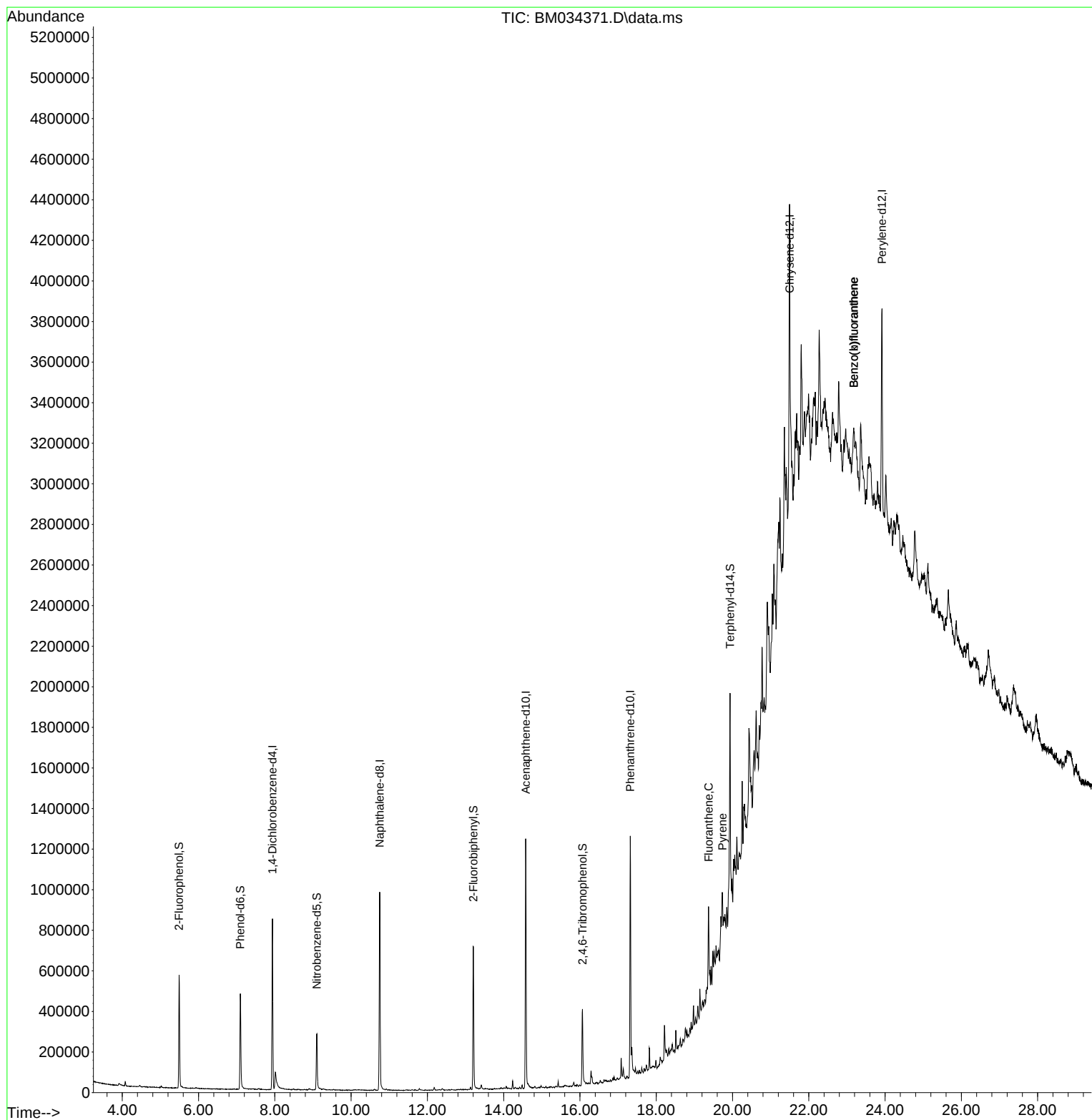
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	220390	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	803457	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	429931	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	742162	20.000	ng	0.00
76) Chrysene-d12	21.495	240	657249	20.000	ng	0.00
86) Perylene-d12	23.918	264	768735	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	232013	18.886	ng	0.00
7) Phenol-d6	7.095	99	280754	15.962	ng	0.00
23) Nitrobenzene-d5	9.101	82	183136	11.097	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	78969	13.627	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	390303	12.405	ng	0.00
79) Terphenyl-d14	19.936	244	435302	11.508	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.371	202	141474	3.036	ng	95
78) Pyrene	19.736	202	134716	2.909	ng	98
88) Benzo(b)fluoranthene	23.183	252	112817	2.454	ng	# 27
89) Benzo(k)fluoranthene	23.183	252	112817	2.317	ng	# 25

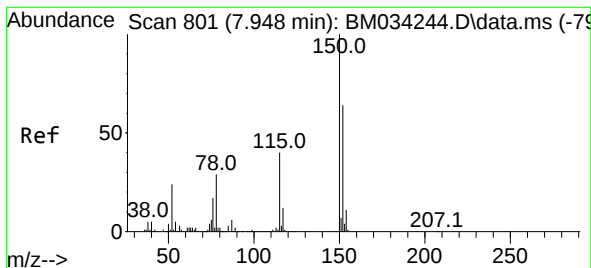
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM034371.D

Acq: 24 Mar 2022 20:28

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q3)

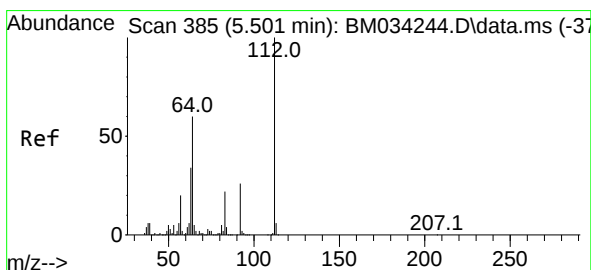
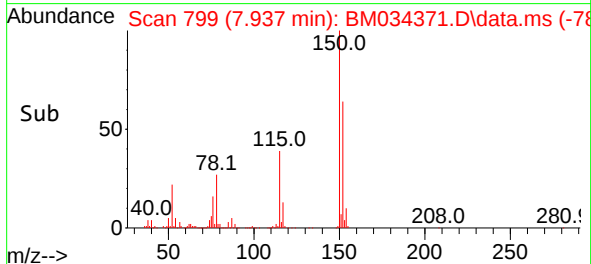
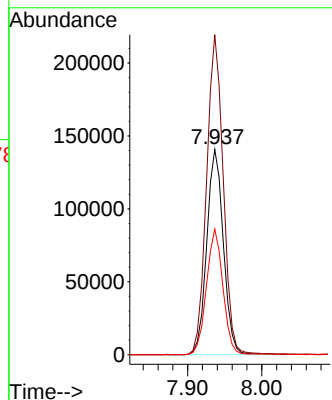
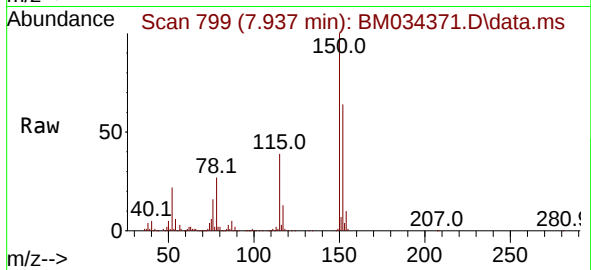
Tgt Ion:152 Resp: 220390

Ion Ratio Lower Upper

152 100

150 155.9 125.4 188.2

115 61.2 50.1 75.1



#5

2-Fluorophenol

Concen: 18.886 ng

RT: 5.490 min Scan# 383

Delta R.T. -0.000 min

Lab File: BM034371.D

Acq: 24 Mar 2022 20:28

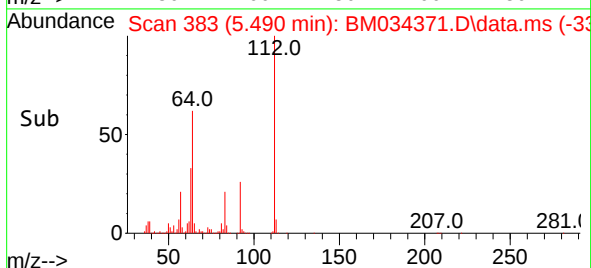
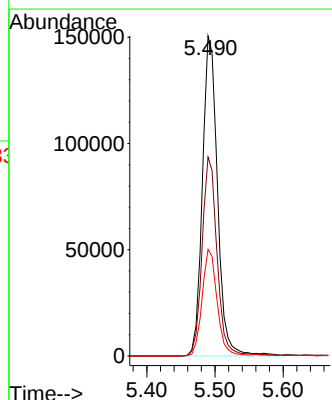
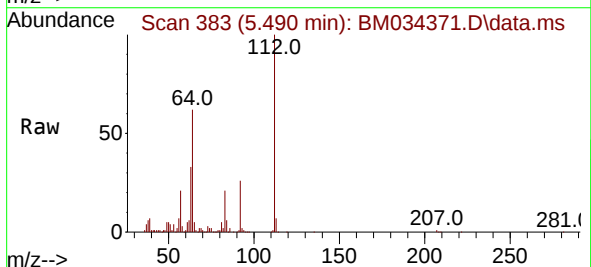
Tgt Ion:112 Resp: 232013

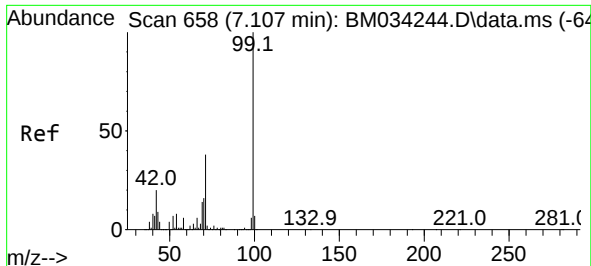
Ion Ratio Lower Upper

112 100

64 62.1 47.9 71.9

63 33.3 27.1 40.7

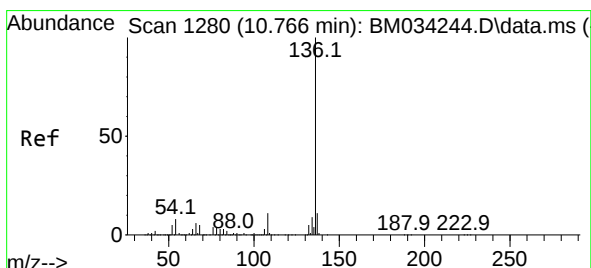
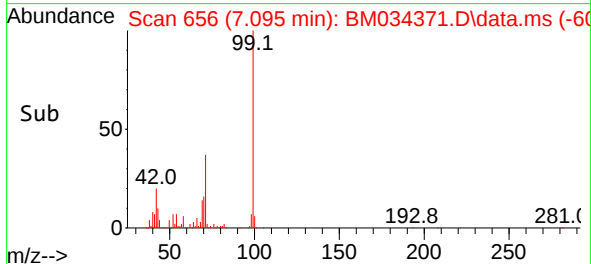
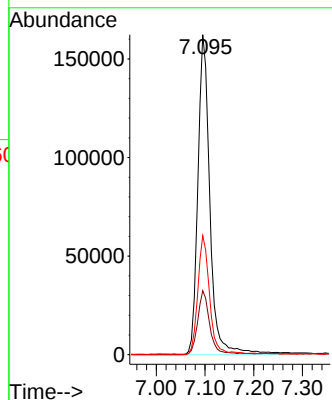
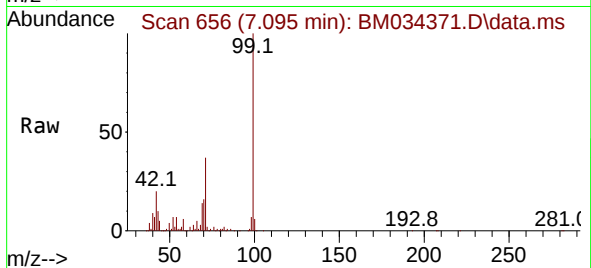




#7
Phenol-d6
Concen: 15.962 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034371.D
Acq: 24 Mar 2022 20:28

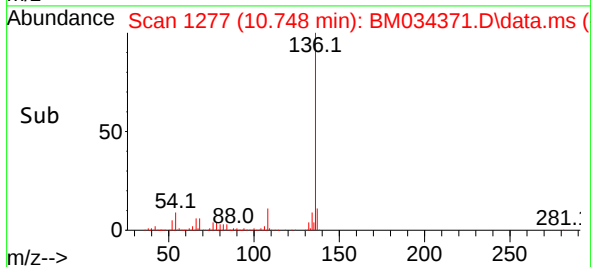
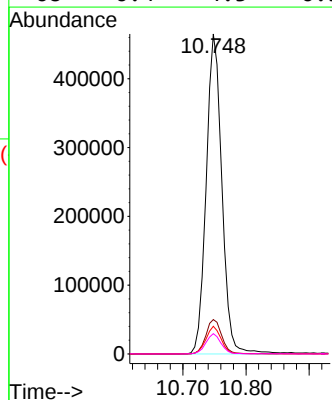
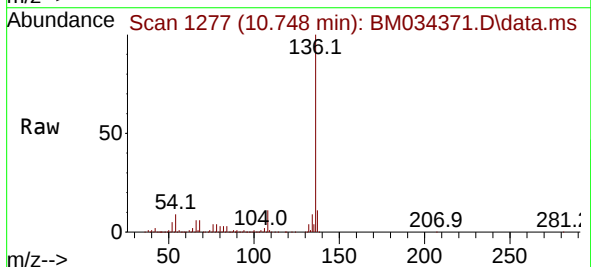
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q3)

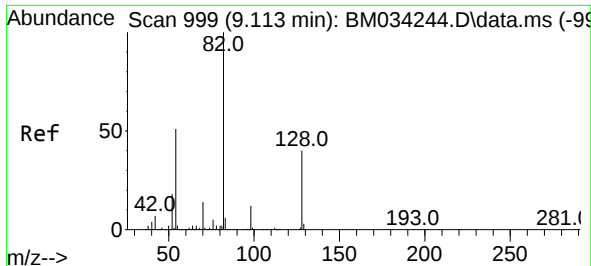
Tgt Ion: 99 Resp: 280754
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 37.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034371.D
Acq: 24 Mar 2022 20:28

Tgt Ion: 136 Resp: 803457
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 6.2 9.4
68 6.4 4.3 6.5

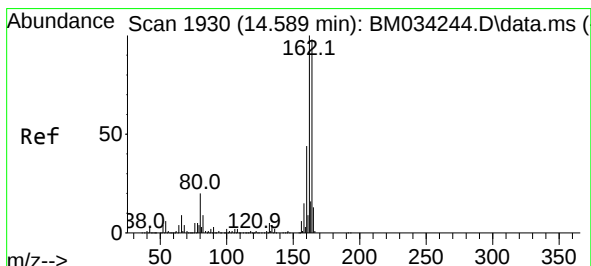
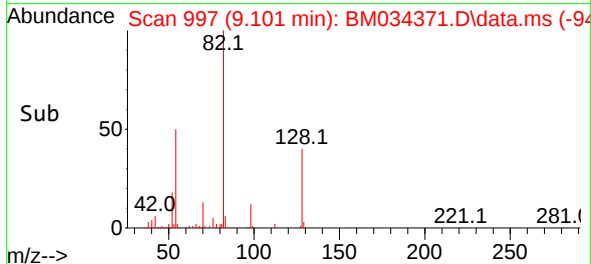
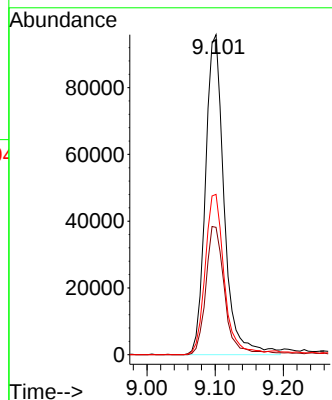
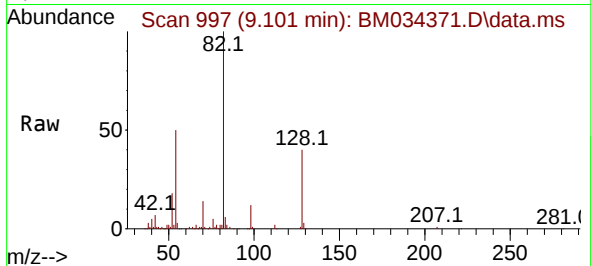




#23
Nitrobenzene-d5
Concen: 11.097 ng
RT: 9.101 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM034371.D
Acq: 24 Mar 2022 20:28

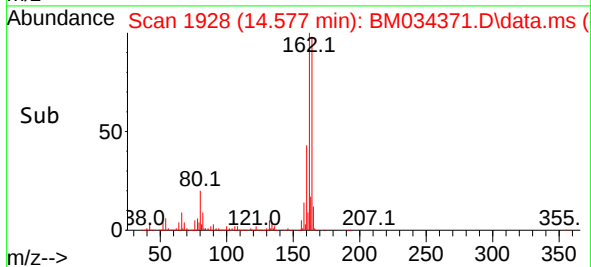
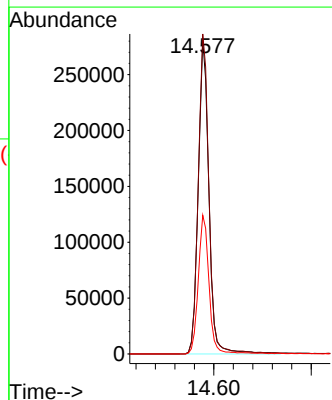
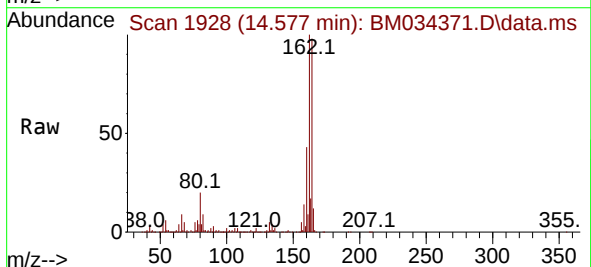
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q3)

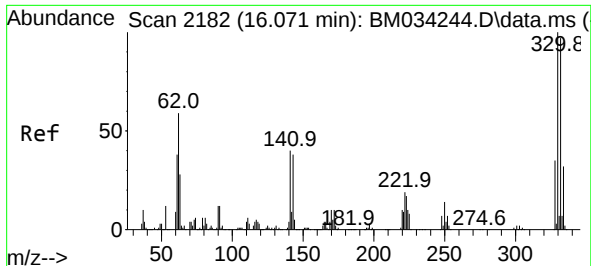
Tgt Ion: 82 Resp: 183136
Ion Ratio Lower Upper
82 100
128 39.8 31.9 47.9
54 50.1 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM034371.D
Acq: 24 Mar 2022 20:28

Tgt Ion:164 Resp: 429931
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 44.2 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 13.627 ng

RT: 16.065 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM034371.D

Acq: 24 Mar 2022 20:28

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q3)

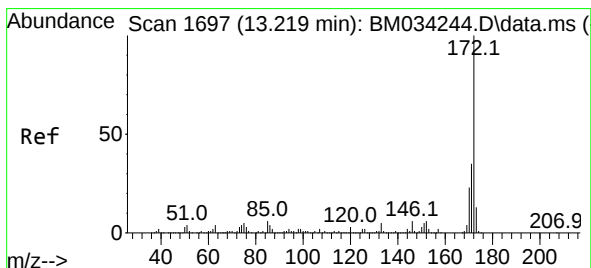
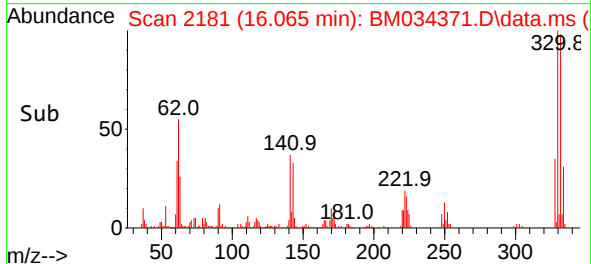
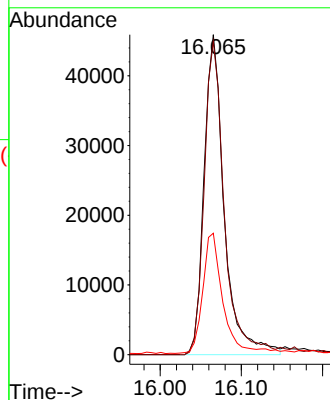
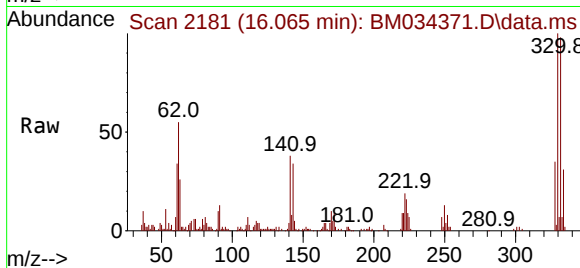
Tgt Ion:330 Resp: 78969

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

141 38.2 30.6 45.8



#45

2-Fluorobiphenyl

Concen: 12.405 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM034371.D

Acq: 24 Mar 2022 20:28

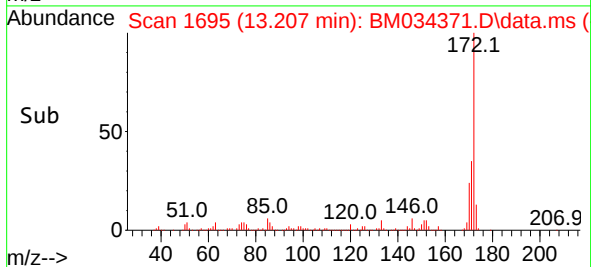
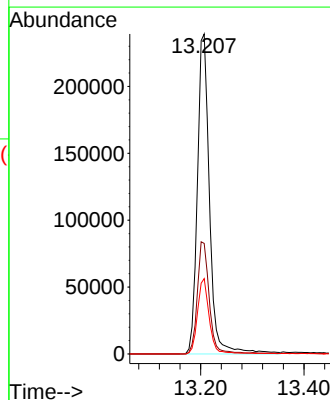
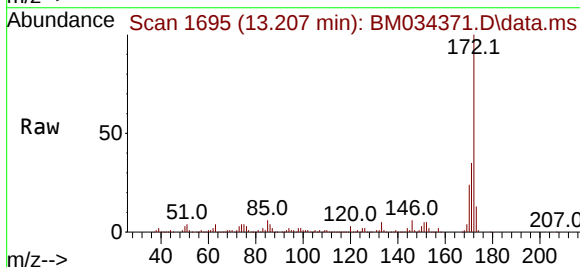
Tgt Ion:172 Resp: 390303

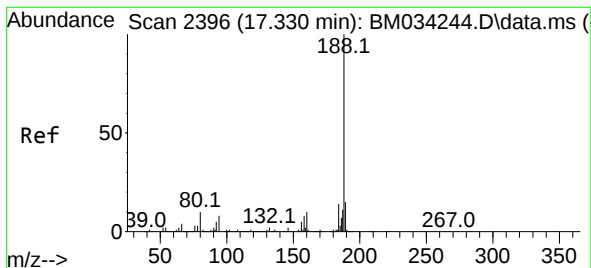
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.6 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: BM034371.D

Acq: 24 Mar 2022 20:28

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q3)

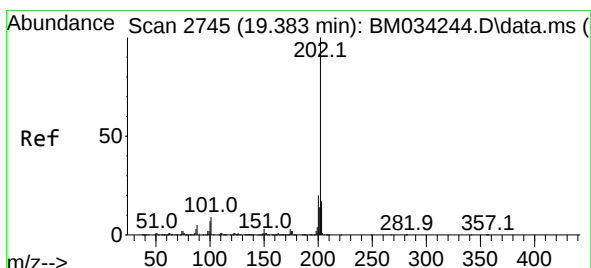
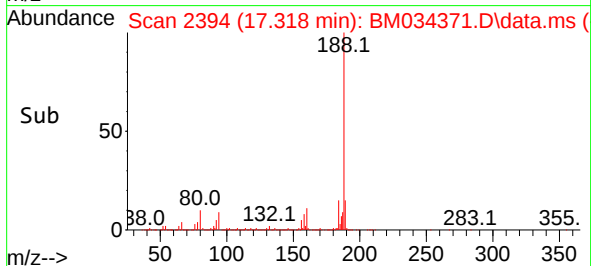
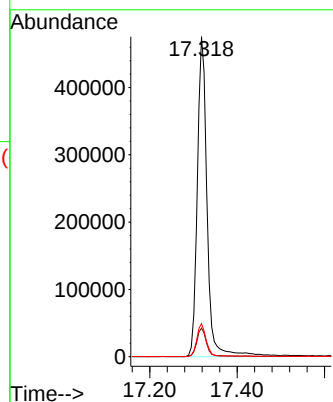
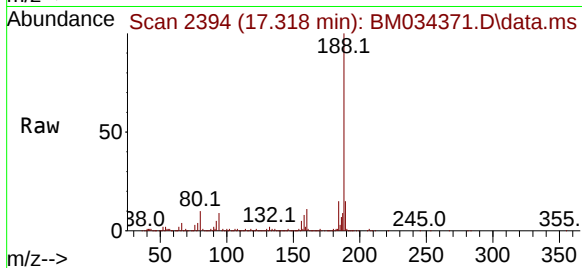
Tgt Ion:188 Resp: 742162

Ion Ratio Lower Upper

188 100

94 8.9 6.6 9.8

80 10.4 7.8 11.8



#75

Fluoranthene

Concen: 3.036 ng

RT: 19.371 min Scan# 2743

Delta R.T. -0.006 min

Lab File: BM034371.D

Acq: 24 Mar 2022 20:28

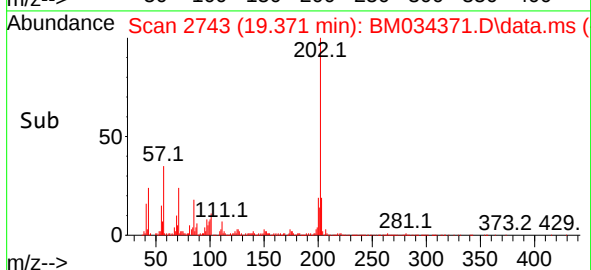
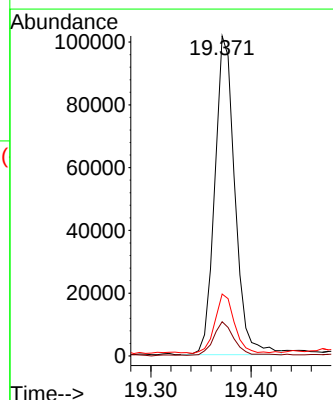
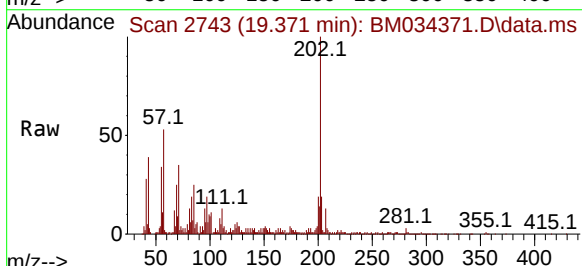
Tgt Ion:202 Resp: 141474

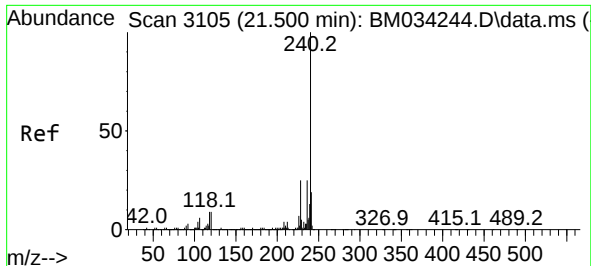
Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.4

203 19.4 0.0 37.1

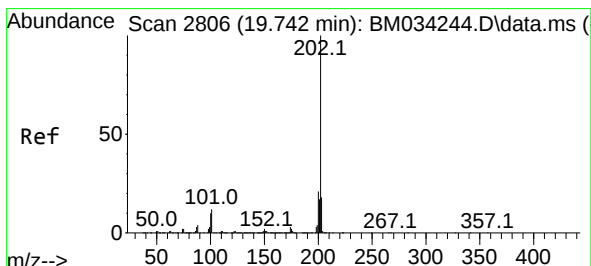
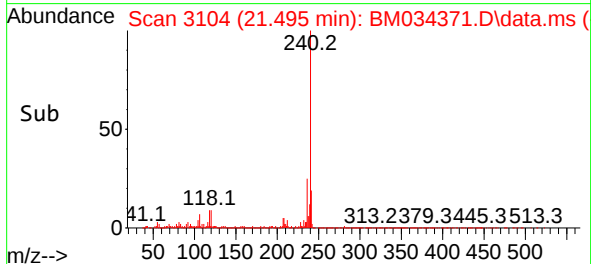
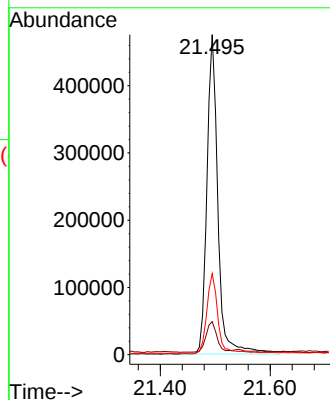
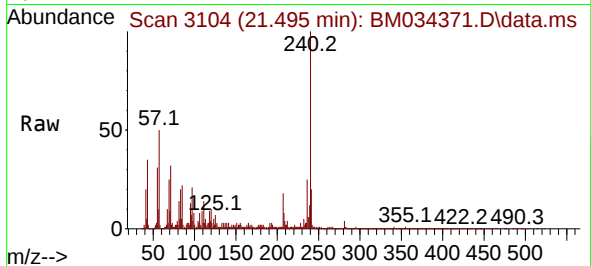




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM034371.D
Acq: 24 Mar 2022 20:28

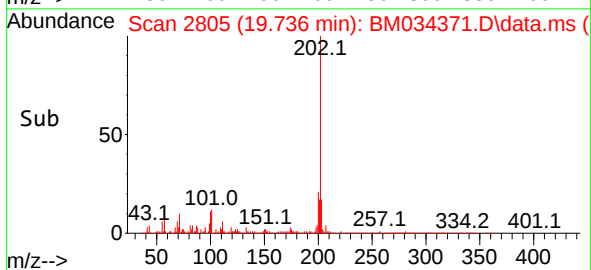
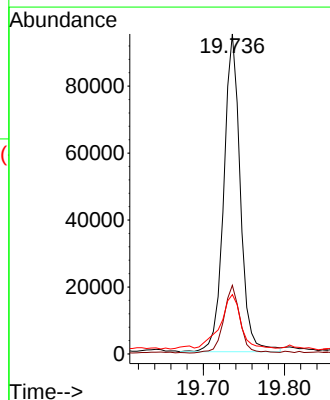
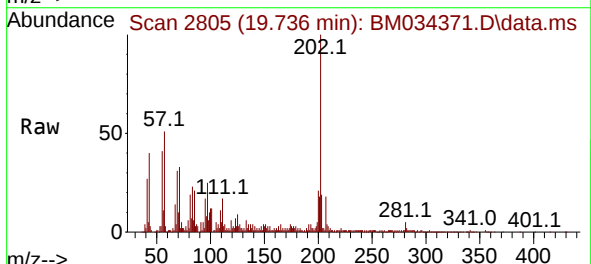
Instrument :
BNA_M
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WC-2-(Q3)

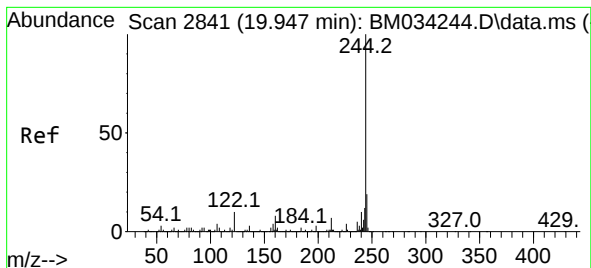
Tgt Ion:240 Resp: 657249
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 25.3 20.2 30.2



#78
Pyrene
Concen: 2.909 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BM034371.D
Acq: 24 Mar 2022 20:28

Tgt Ion:202 Resp: 134716
Ion Ratio Lower Upper
202 100
200 21.5 16.6 24.8
203 18.5 14.1 21.1





#79

Terphenyl-d14

Concen: 11.508 ng

RT: 19.936 min Scan# 2839

Delta R.T. -0.000 min

Lab File: BM034371.D

Acq: 24 Mar 2022 20:28

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q3)

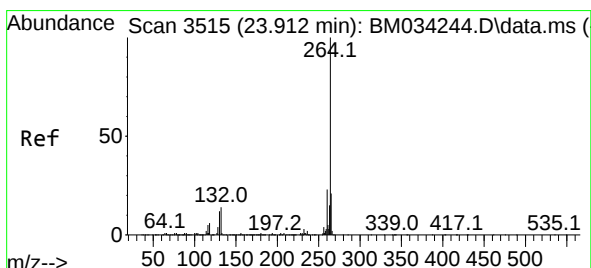
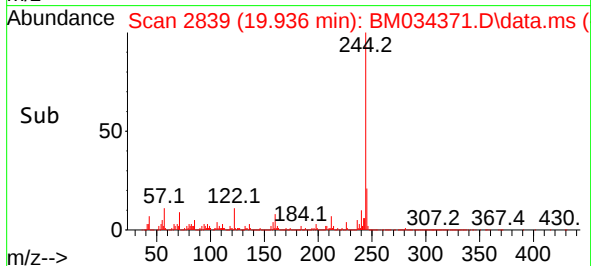
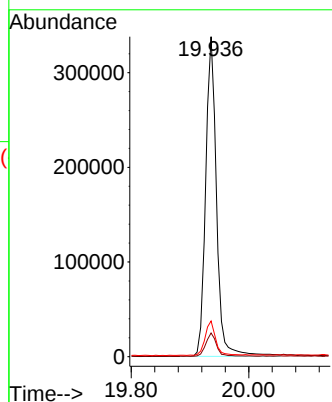
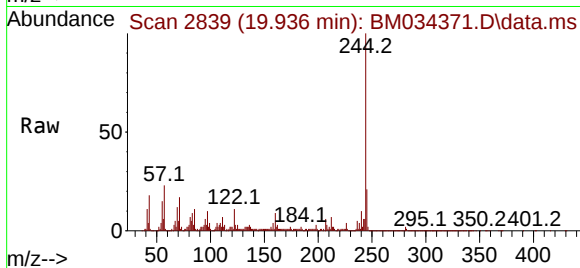
Tgt Ion:244 Resp: 435302

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.1 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan# 3516

Delta R.T. 0.012 min

Lab File: BM034371.D

Acq: 24 Mar 2022 20:28

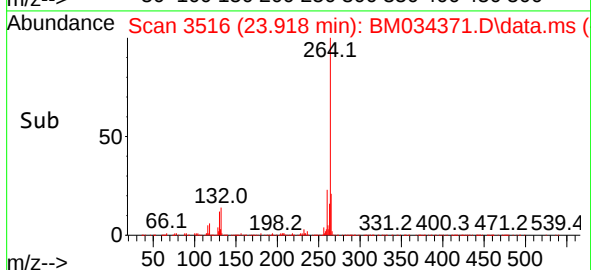
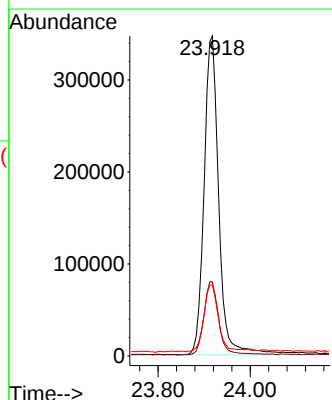
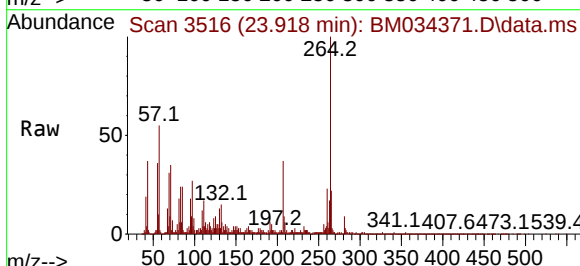
Tgt Ion:264 Resp: 768735

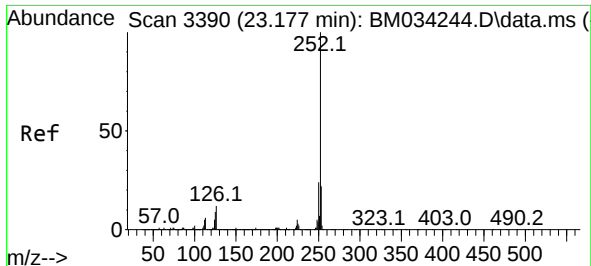
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.2 17.6 26.4

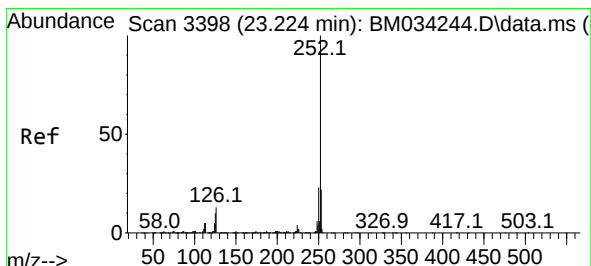
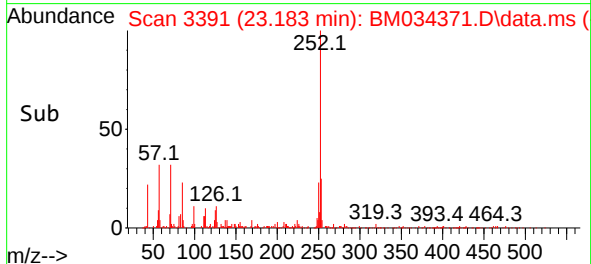
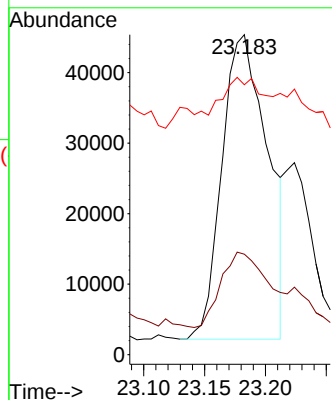
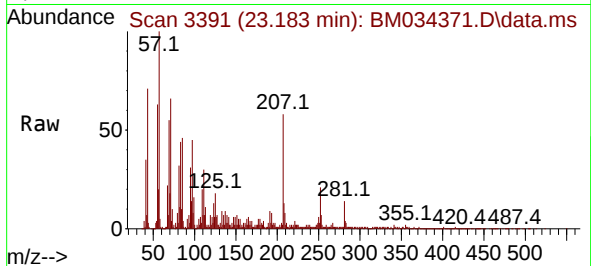




#88
Benzo(b)fluoranthene
Concen: 2.454 ng
RT: 23.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM034371.D
Acq: 24 Mar 2022 20:28

Instrument :
BNA_M
ClientSampleId :
WC-2-(Q3)

Tgt Ion:252 Resp: 112817
Ion Ratio Lower Upper
252 100
253 31.4 17.8 26.8#
125 84.3 7.2 10.8#



#89
Benzo(k)fluoranthene
Concen: 2.317 ng
RT: 23.183 min Scan# 3391
Delta R.T. -0.041 min
Lab File: BM034371.D
Acq: 24 Mar 2022 20:28

Tgt Ion:252 Resp: 112817
Ion Ratio Lower Upper
252 100
253 31.4 17.6 26.4#
125 84.3 7.5 11.3#

