

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034369.D
 Acq On : 24 Mar 2022 19:16
 Operator : CG/JU
 Sample : N2094-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2-(Q1)

Quant Time: Mar 25 01:10:26 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)

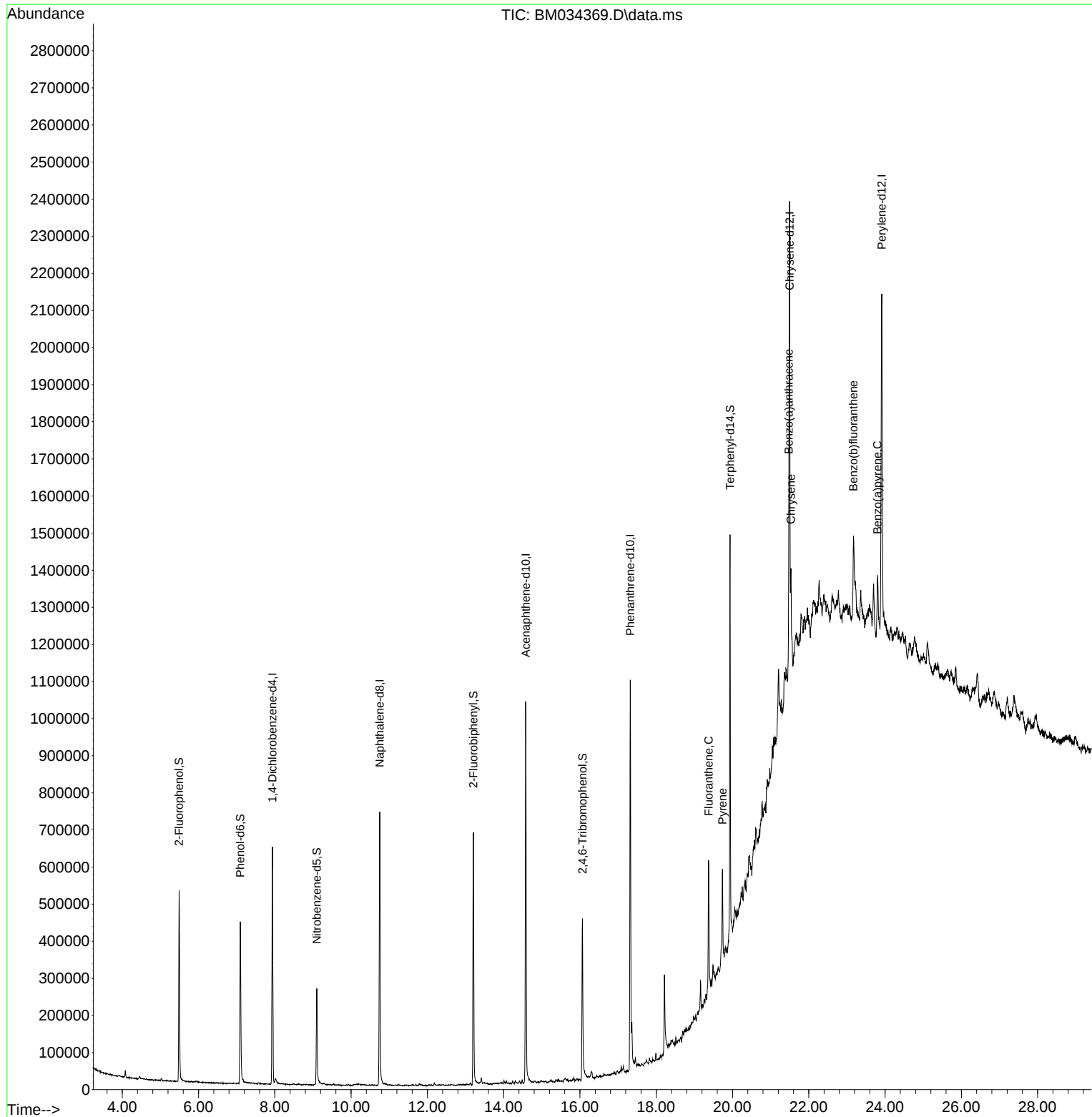
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	170516	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	632104	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	352823	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	677452	20.000	ng	0.00
76) Chrysene-d12	21.495	240	630854	20.000	ng	0.00
86) Perylene-d12	23.912	264	713584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	215401	22.662	ng	0.00
7) Phenol-d6	7.096	99	260495	19.141	ng	0.00
23) Nitrobenzene-d5	9.101	82	175584	13.524	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	89596	18.840	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	379839	14.711	ng	0.00
79) Terphenyl-d14	19.936	244	529696	14.590	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.371	202	163344	3.841	ng	96
78) Pyrene	19.736	202	156200	3.514	ng	99
81) Benzo(a)anthracene	21.477	228	124005	3.114	ng	98
83) Chrysene	21.530	228	123753	3.044	ng	94
88) Benzo(b)fluoranthene	23.171	252	177459	4.159	ng	# 87
90) Benzo(a)pyrene	23.800	252	111163	3.073	ng	# 81

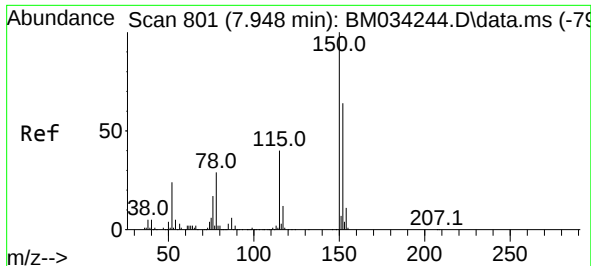
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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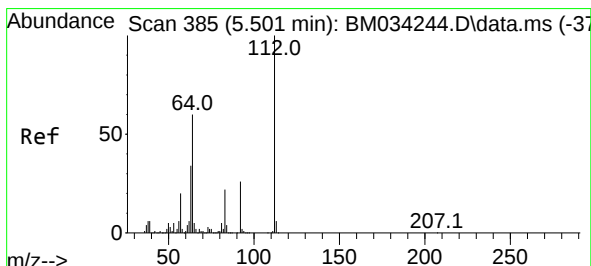
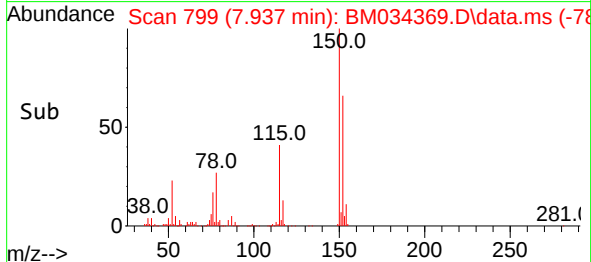
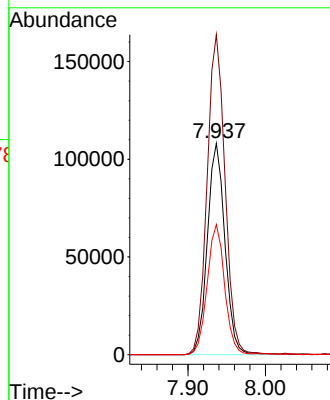
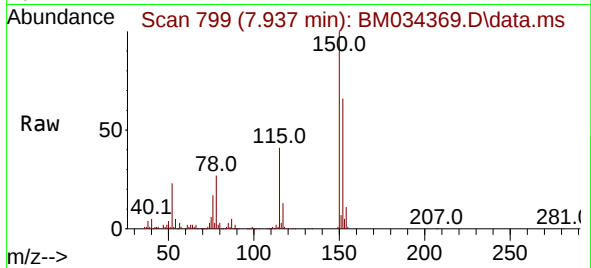




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.937 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BM034369.D
 Acq: 24 Mar 2022 19:16

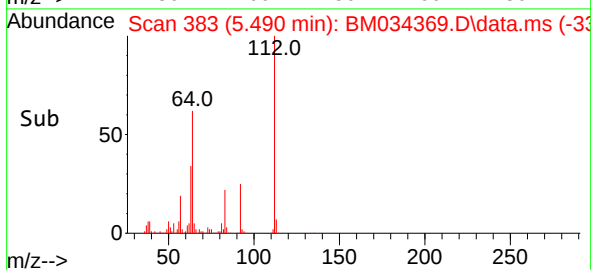
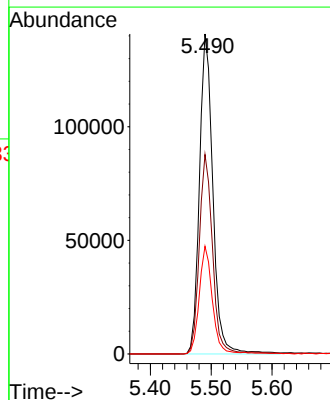
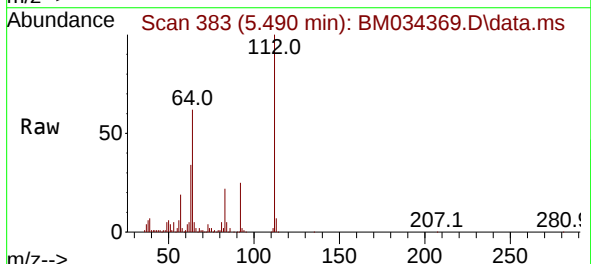
Instrument :
 BNA_M
 ClientSampleId :
 WC-2-(Q1)

Tgt Ion:152 Resp: 170516
 Ion Ratio Lower Upper
 152 100
 150 151.3 125.4 188.2
 115 61.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 22.662 ng
 RT: 5.490 min Scan# 383
 Delta R.T. 0.000 min
 Lab File: BM034369.D
 Acq: 24 Mar 2022 19:16

Tgt Ion:112 Resp: 215401
 Ion Ratio Lower Upper
 112 100
 64 62.3 47.9 71.9
 63 33.6 27.1 40.7

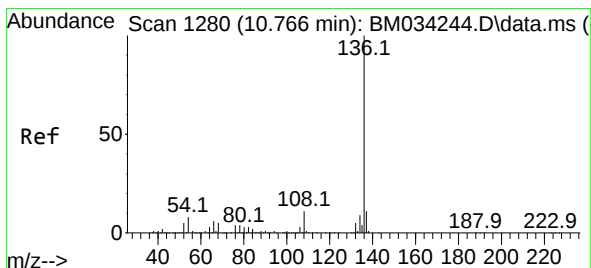
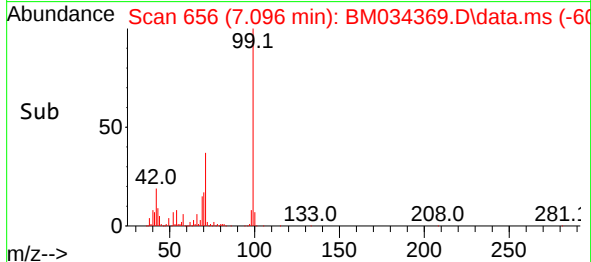
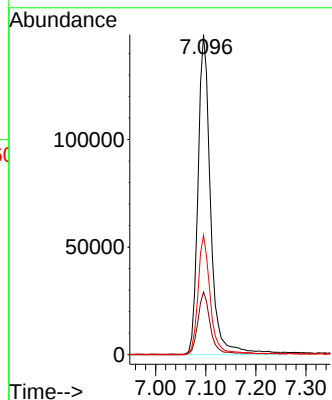
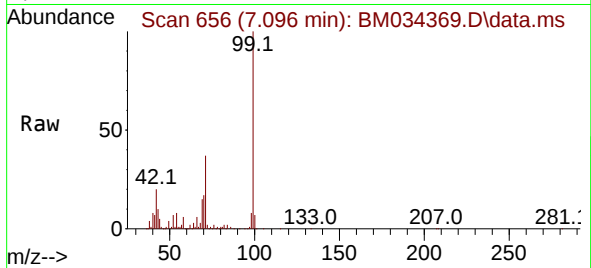




#7
Phenol-d6
Concen: 19.141 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

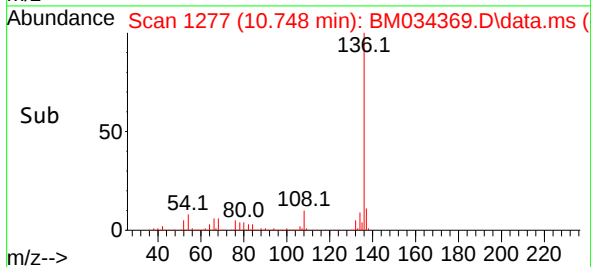
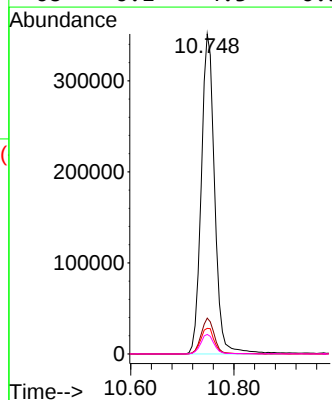
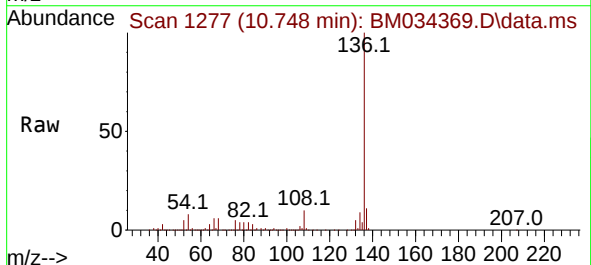
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q1)

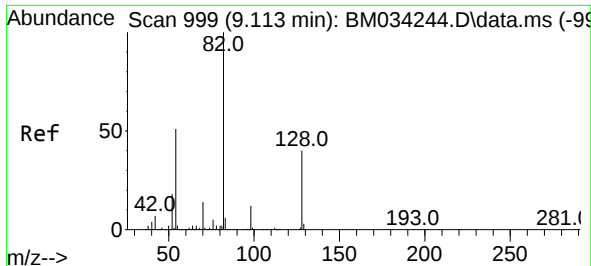
Tgt Ion:	99	Resp:	260495
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	37.3	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

Tgt Ion:	136	Resp:	632104
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.0	6.2	9.4
68	6.1	4.3	6.5

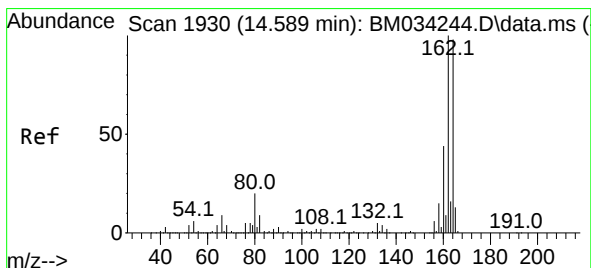
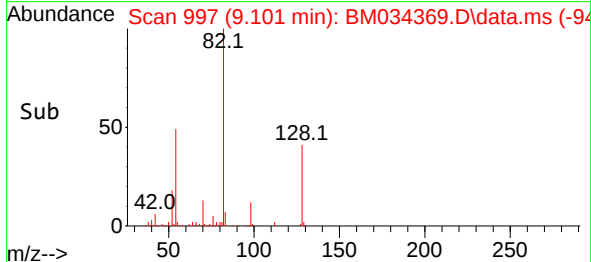
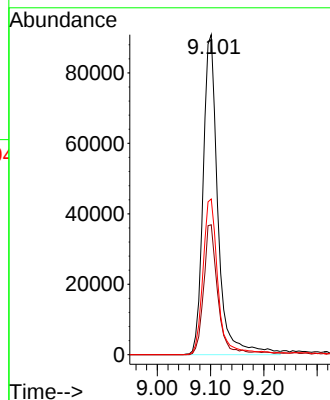
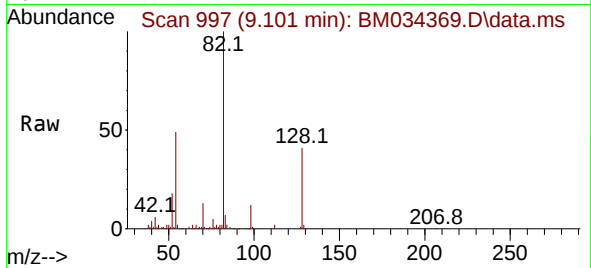




#23
Nitrobenzene-d5
Concen: 13.524 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

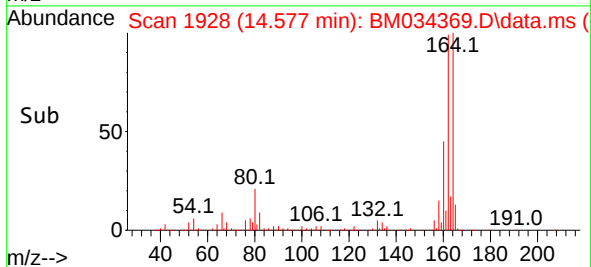
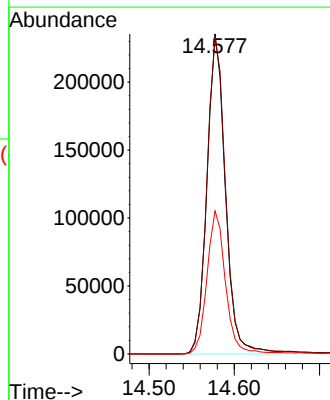
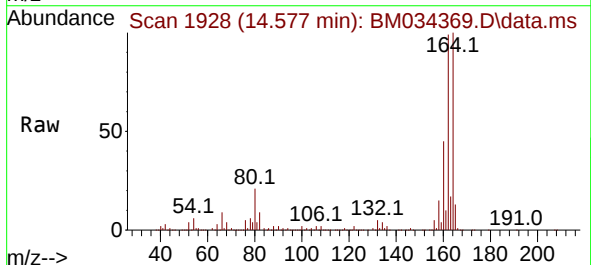
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q1)

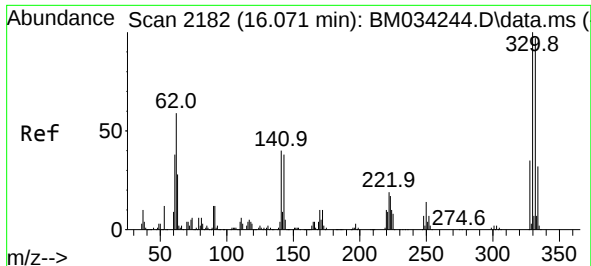
Tgt Ion: 82 Resp: 175584
Ion Ratio Lower Upper
82 100
128 40.6 31.9 47.9
54 48.7 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

Tgt Ion: 164 Resp: 352823
Ion Ratio Lower Upper
164 100
162 98.9 81.6 122.4
160 44.7 35.6 53.4

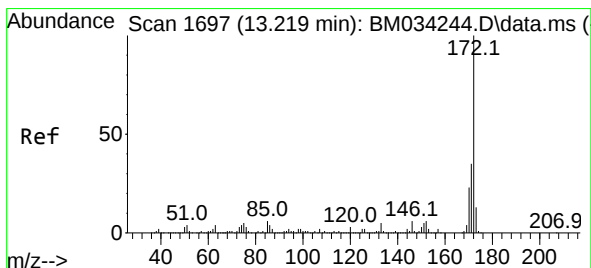
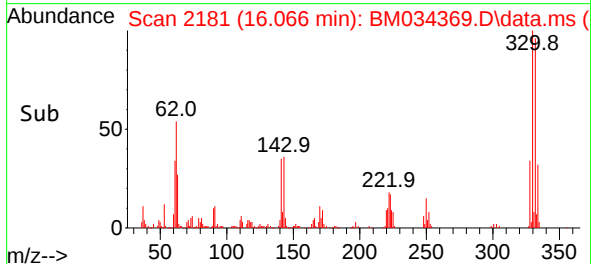
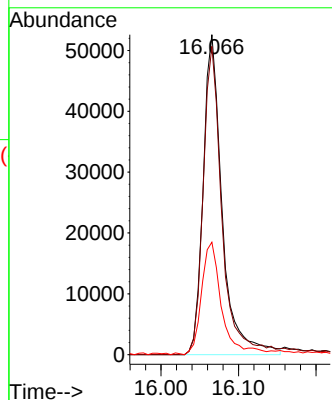
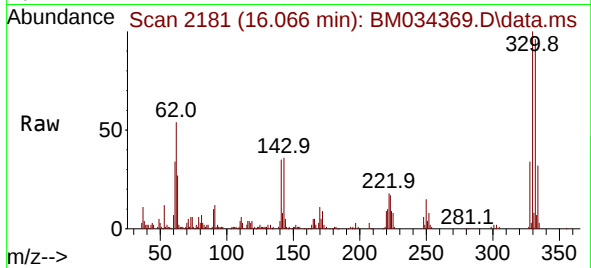




#42
2,4,6-Tribromophenol
Concen: 18.840 ng
RT: 16.066 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

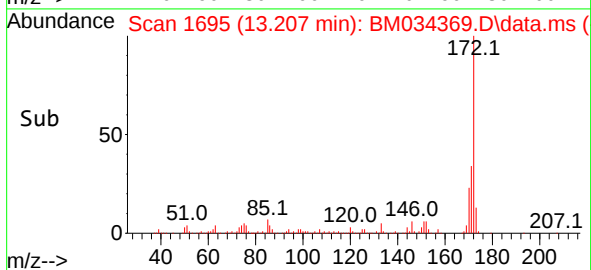
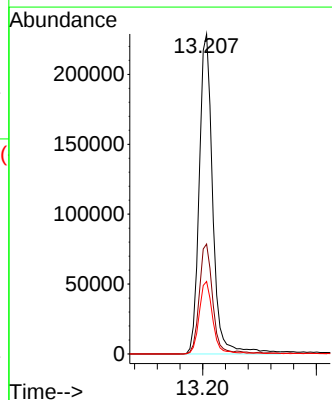
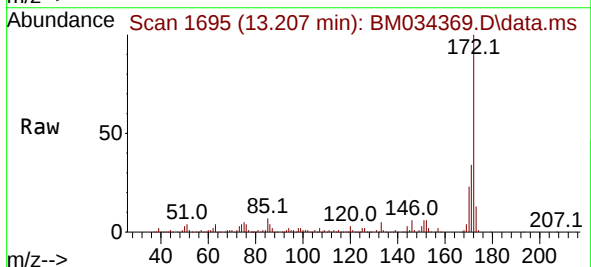
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q1)

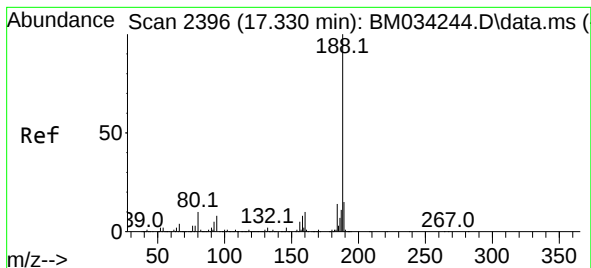
Tgt Ion:330 Resp: 89596
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.4
141 37.2 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 14.711 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

Tgt Ion:172 Resp: 379839
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 22.7 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: BM034369.D

Acq: 24 Mar 2022 19:16

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q1)

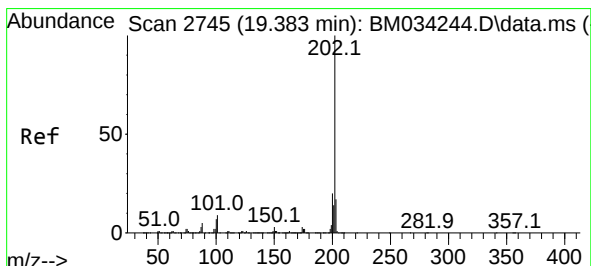
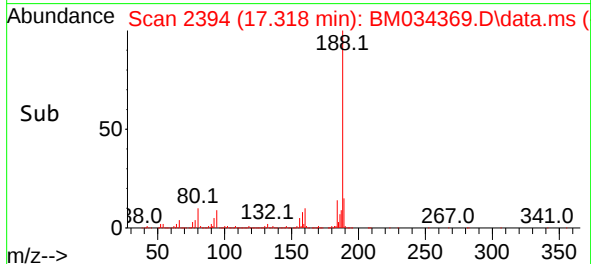
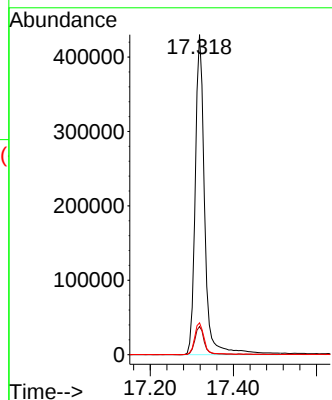
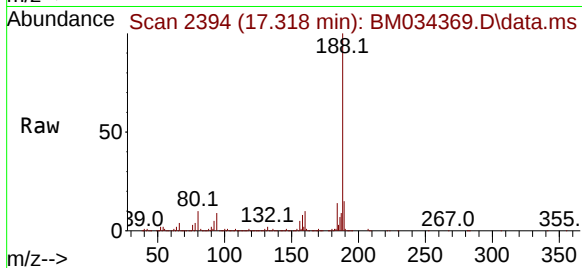
Tgt Ion:188 Resp: 677452

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 10.0 7.8 11.8



#75

Fluoranthene

Concen: 3.841 ng

RT: 19.371 min Scan# 2743

Delta R.T. -0.006 min

Lab File: BM034369.D

Acq: 24 Mar 2022 19:16

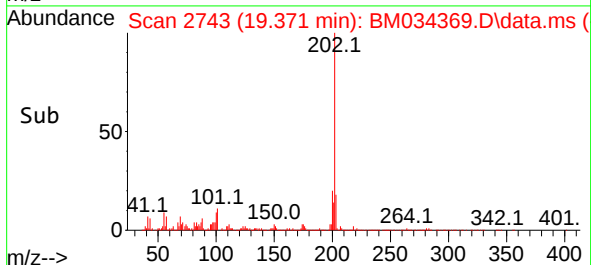
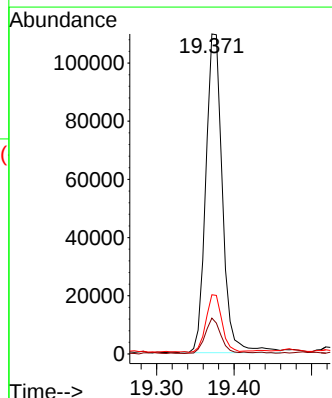
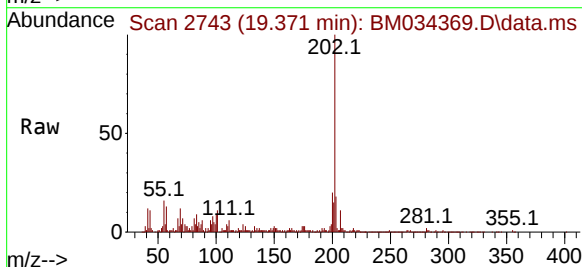
Tgt Ion:202 Resp: 163344

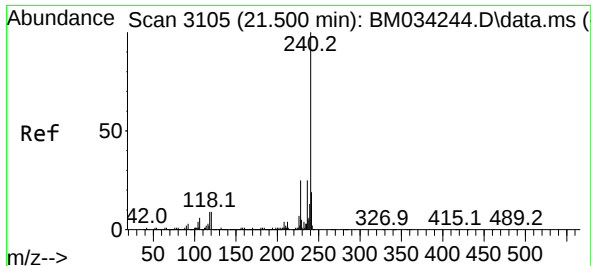
Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.4

203 18.5 0.0 37.1

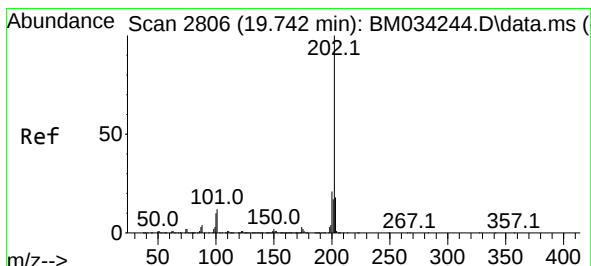
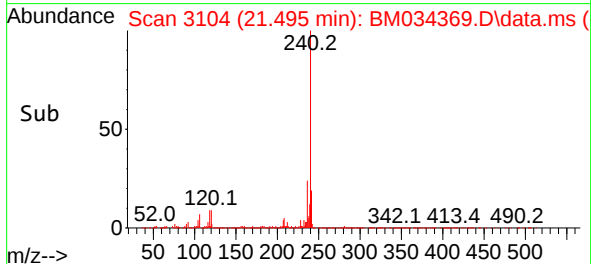
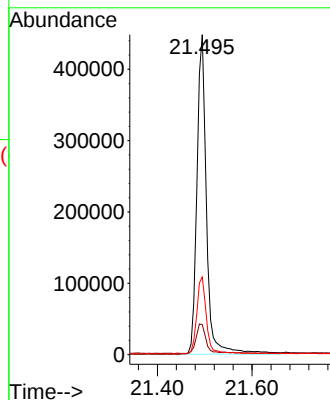
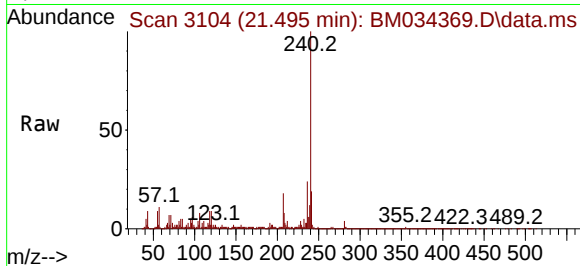




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

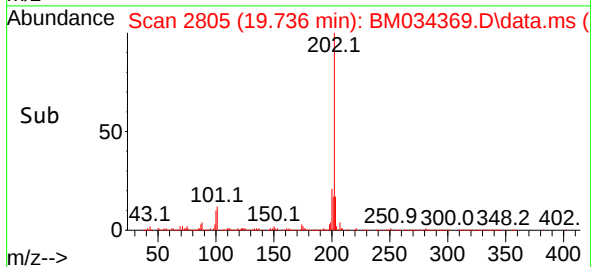
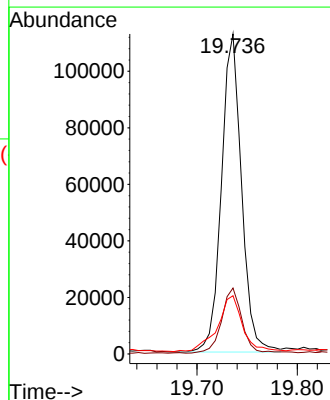
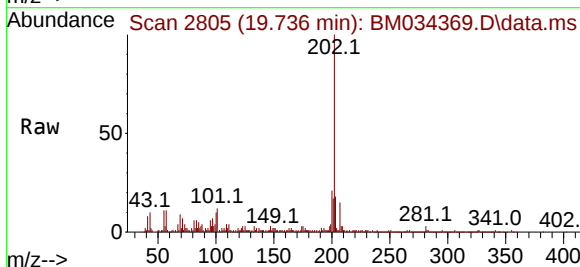
Instrument :
BNA_M
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WC-2-(Q1)

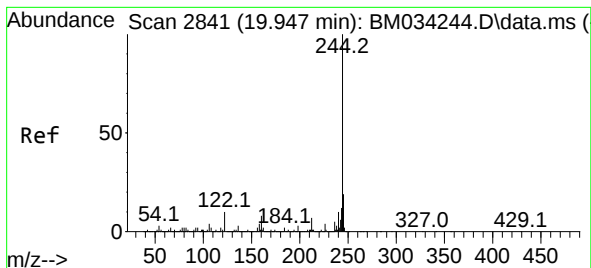
Tgt Ion:240 Resp: 630854
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 24.3 20.2 30.2



#78
Pyrene
Concen: 3.514 ng
RT: 19.736 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

Tgt Ion:202 Resp: 156200
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 14.590 ng

RT: 19.936 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM034369.D

Acq: 24 Mar 2022 19:16

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q1)

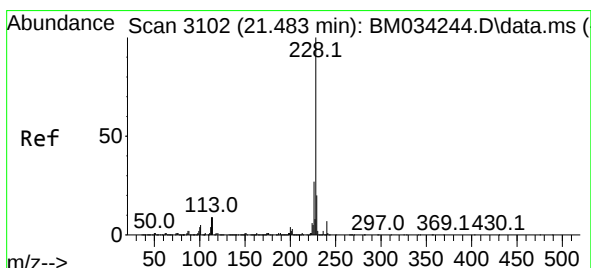
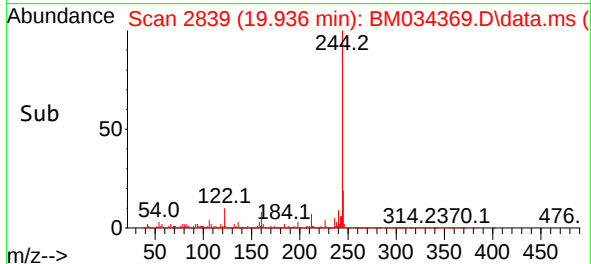
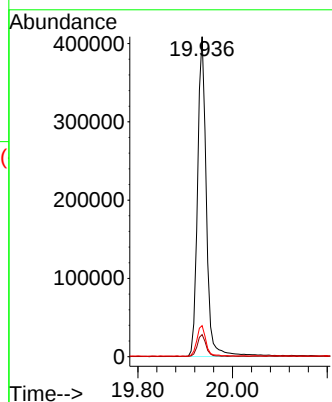
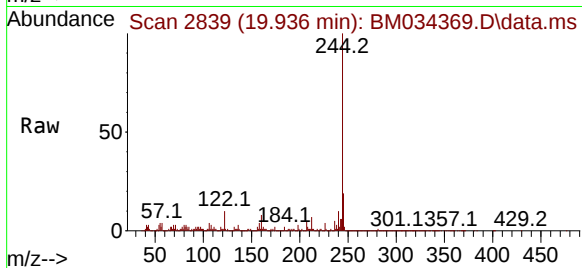
Tgt Ion:244 Resp: 529696

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.7 7.8 11.8



#81

Benzo(a)anthracene

Concen: 3.114 ng

RT: 21.477 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BM034369.D

Acq: 24 Mar 2022 19:16

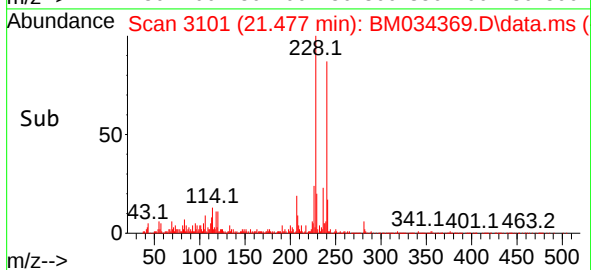
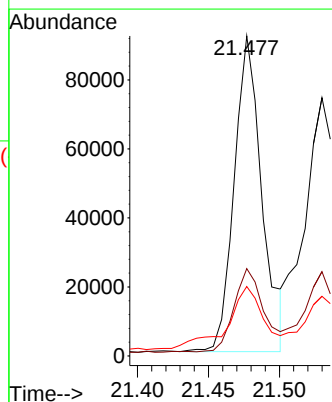
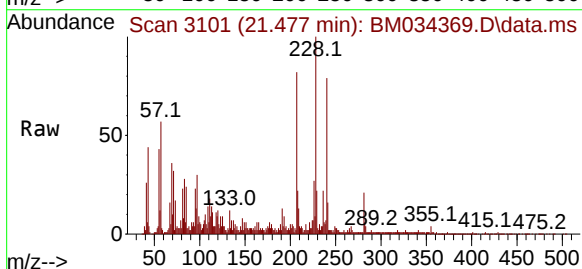
Tgt Ion:228 Resp: 124005

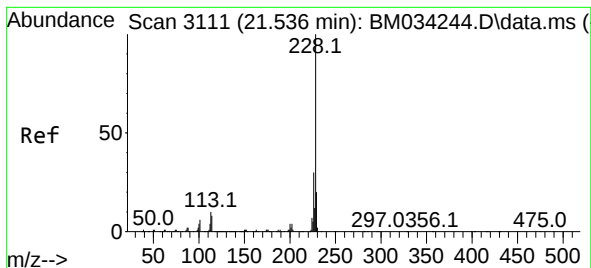
Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 21.7 15.8 23.6





#83

Chrysene

Concen: 3.044 ng

RT: 21.530 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM034369.D

Acq: 24 Mar 2022 19:16

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q1)

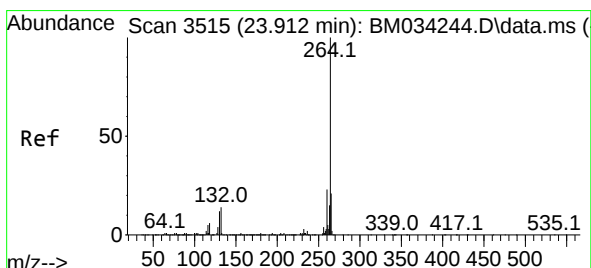
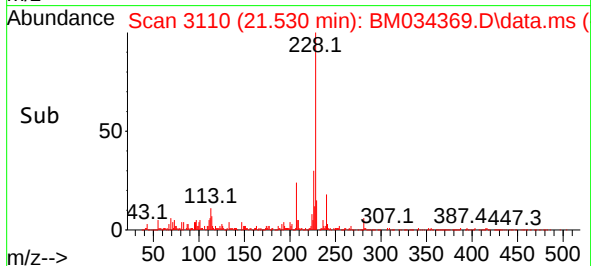
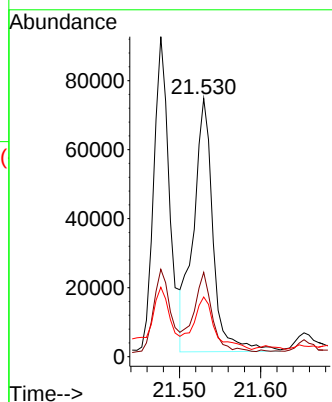
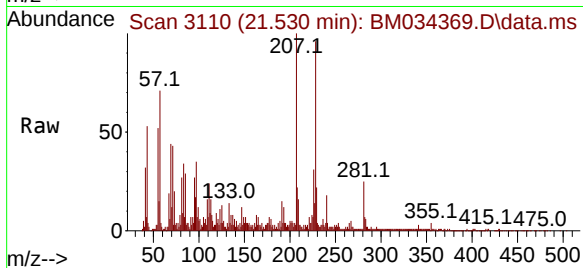
Tgt Ion:228 Resp: 123753

Ion Ratio Lower Upper

228 100

226 32.6 23.8 35.6

229 23.1 15.6 23.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.912 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BM034369.D

Acq: 24 Mar 2022 19:16

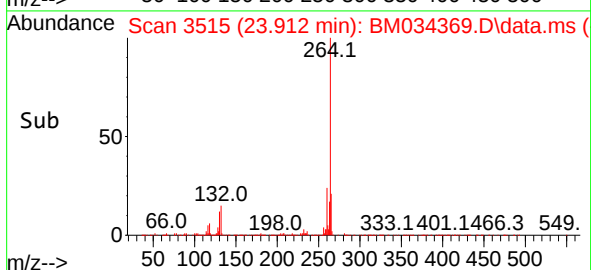
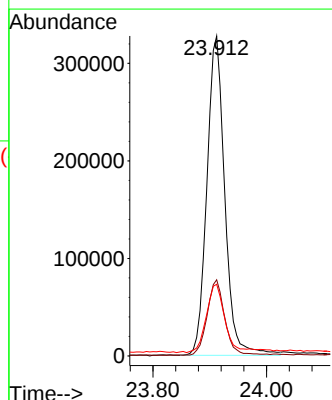
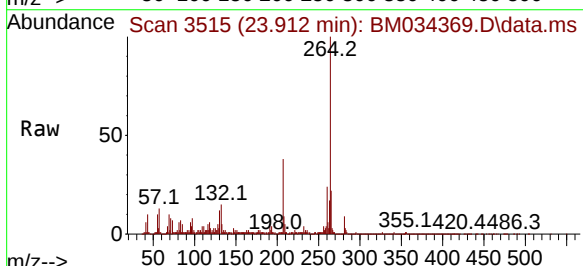
Tgt Ion:264 Resp: 713584

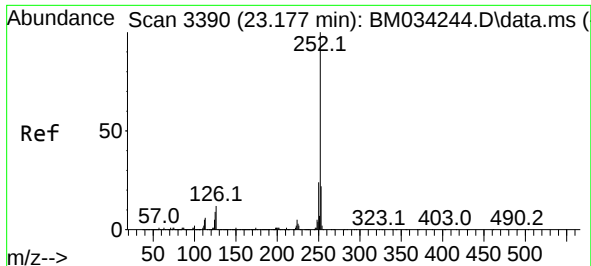
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.4 17.6 26.4

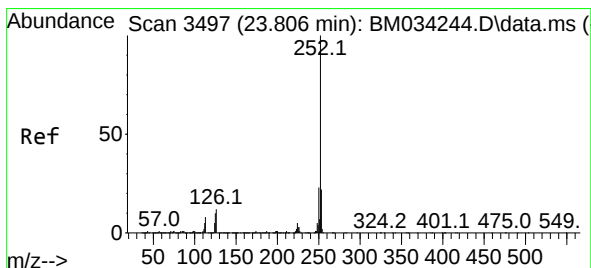
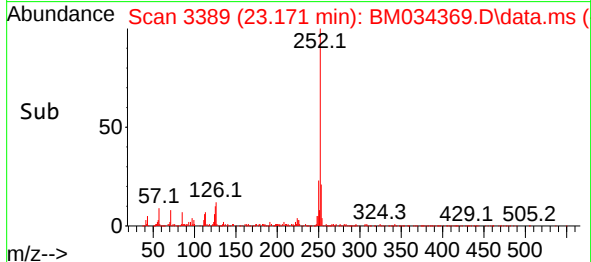
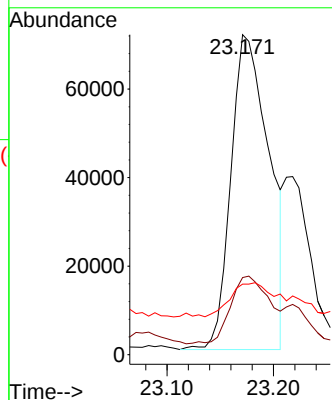
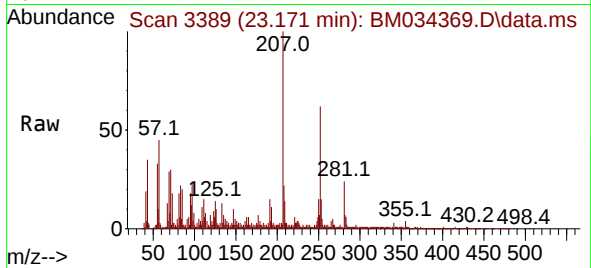




#88
Benzo(b)fluoranthene
Concen: 4.159 ng
RT: 23.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

Instrument :
BNA_M
ClientSampleId :
WC-2-(Q1)

Tgt Ion:252 Resp: 177459
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 22.1 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 3.073 ng
RT: 23.800 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BM034369.D
Acq: 24 Mar 2022 19:16

Tgt Ion:252 Resp: 111163
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3#
125 24.4 7.8 11.6#

