

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034370.D
 Acq On : 24 Mar 2022 19:52
 Operator : CG/JU
 Sample : N2094-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2-(Q2)

Quant Time: Mar 25 01:10:33 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)

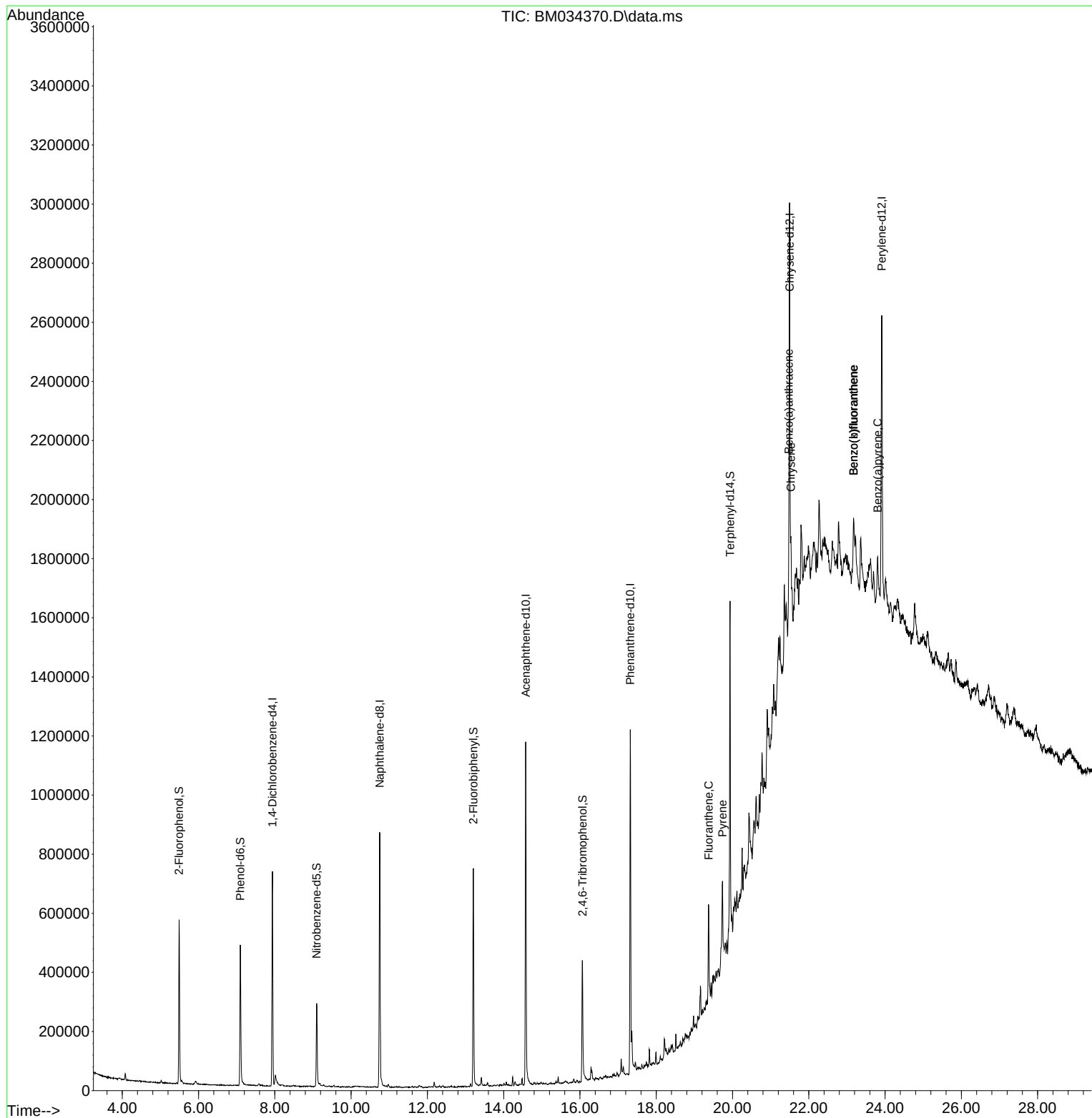
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	192094	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	721455	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	404773	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	747606	20.000	ng	0.00
76) Chrysene-d12	21.495	240	682869	20.000	ng	0.00
86) Perylene-d12	23.912	264	770163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	227651	21.260	ng	0.00
7) Phenol-d6	7.095	99	275342	17.960	ng	0.00
23) Nitrobenzene-d5	9.095	82	182075	12.287	ng	-0.01
42) 2,4,6-Tribromophenol	16.065	330	88241	16.174	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	406848	13.735	ng	0.00
79) Terphenyl-d14	19.936	244	527718	13.428	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.371	202	164910	3.514	ng	98
78) Pyrene	19.736	202	169146	3.516	ng	99
81) Benzo(a)anthracene	21.477	228	106916	2.481	ng	96
83) Chrysene	21.530	228	107644	2.446	ng	97
88) Benzo(b)fluoranthene	23.177	252	219287	4.762	ng	# 77
89) Benzo(k)fluoranthene	23.177	252	219287	4.495	ng	# 76
90) Benzo(a)pyrene	23.806	252	101705	2.605	ng	# 71

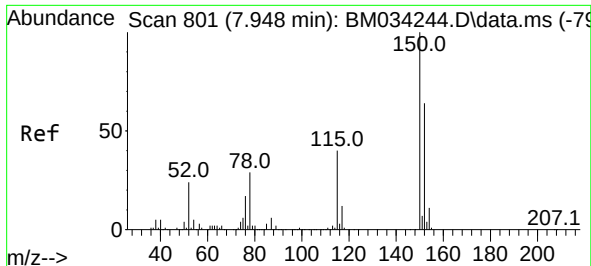
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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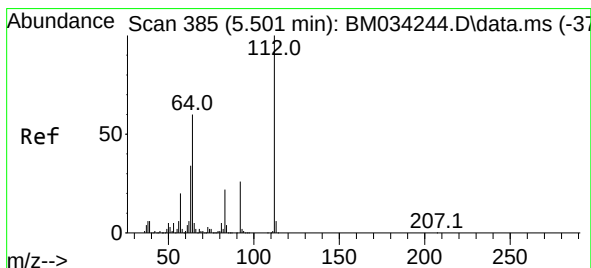
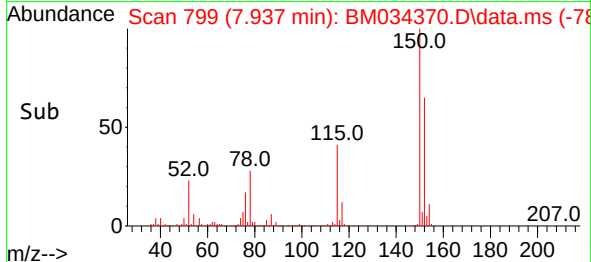
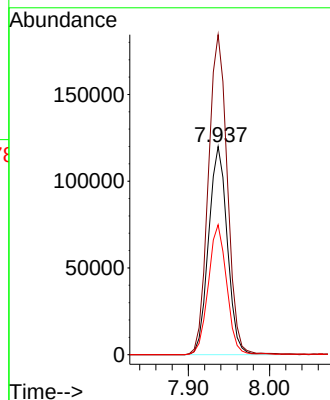
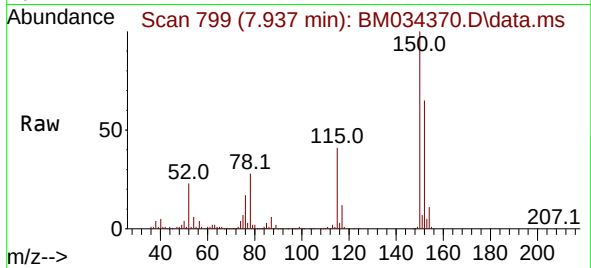




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

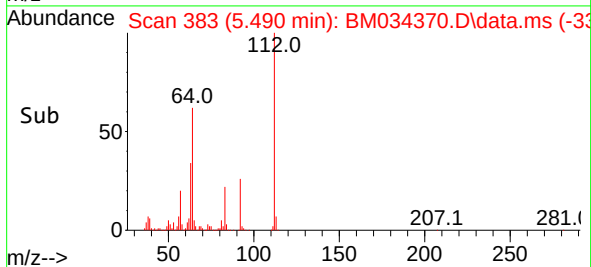
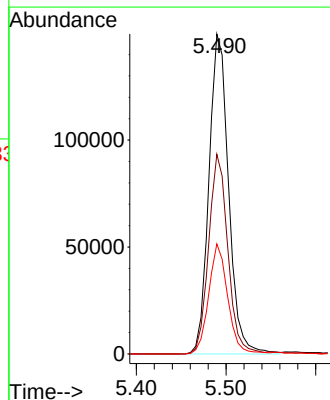
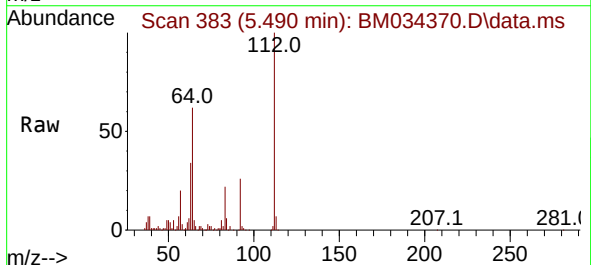
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q2)

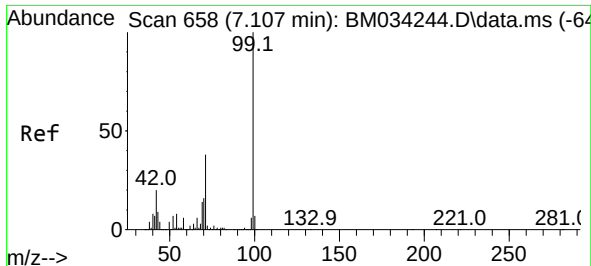
Tgt Ion:152 Resp: 192094
Ion Ratio Lower Upper
152 100
150 153.8 125.4 188.2
115 62.4 50.1 75.1



#5
2-Fluorophenol
Concen: 21.260 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

Tgt Ion:112 Resp: 227651
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 34.4 27.1 40.7

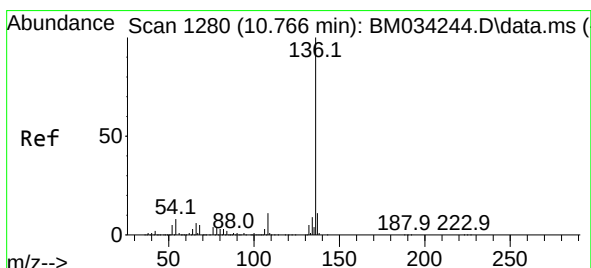
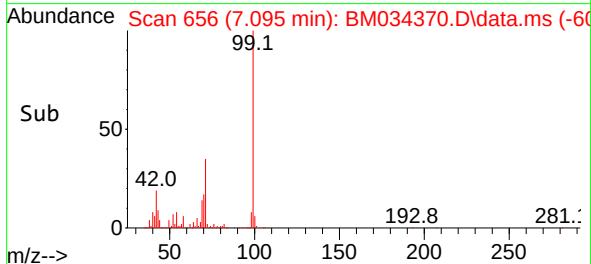
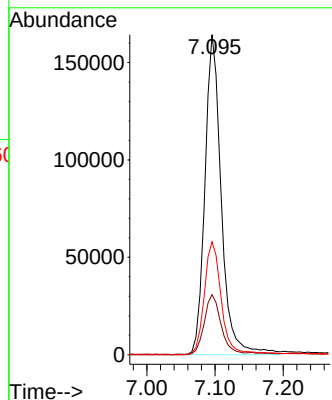
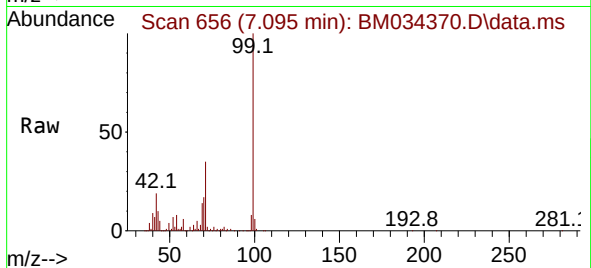




#7
Phenol-d6
Concen: 17.960 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

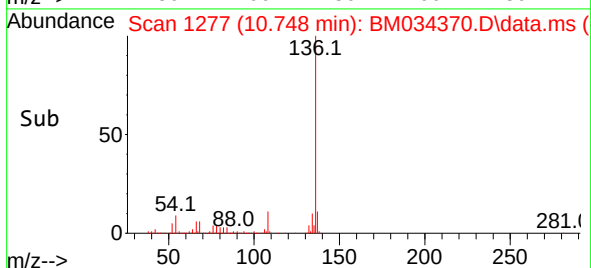
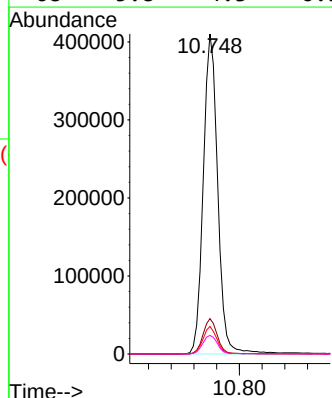
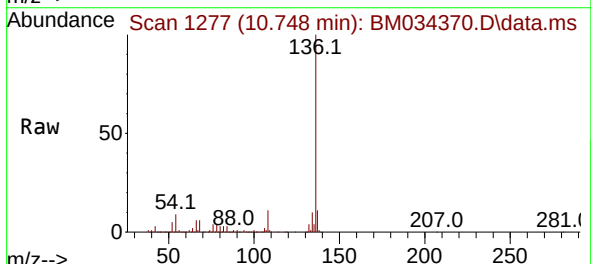
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q2)

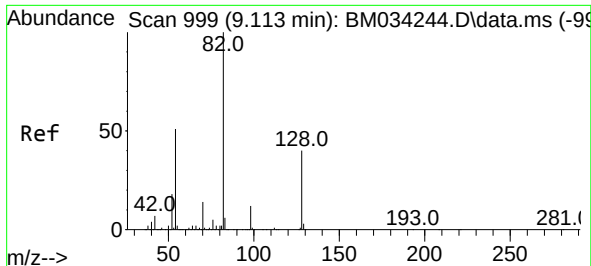
Tgt Ion: 99 Resp: 275342
Ion Ratio Lower Upper
99 100
42 18.8 15.6 23.4
71 35.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

Tgt Ion: 136 Resp: 721455
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 6.2 9.4
68 5.8 4.3 6.5

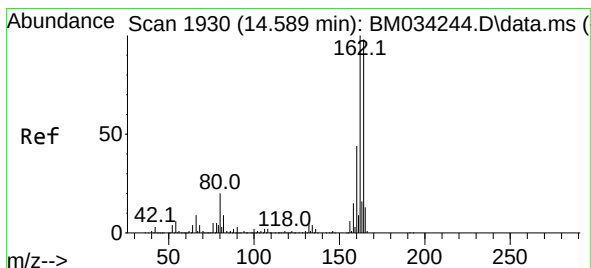
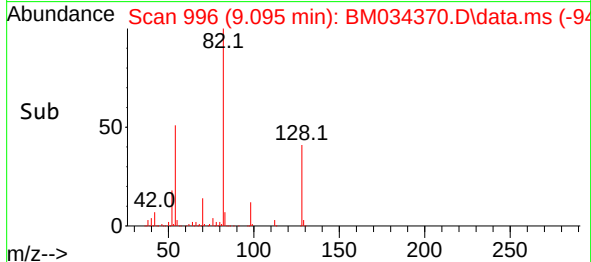
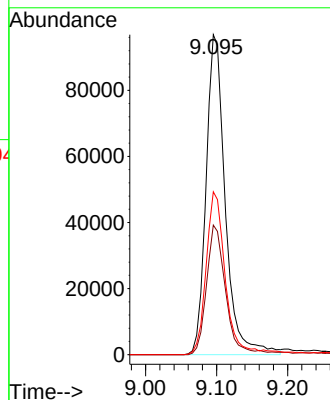
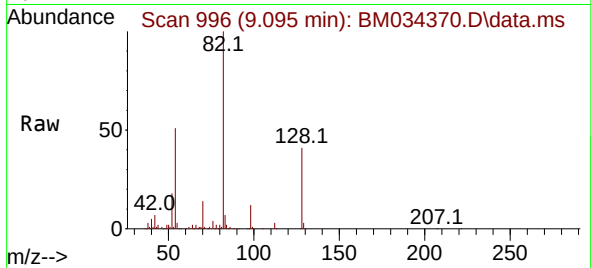




#23
 Nitrobenzene-d5
 Concen: 12.287 ng
 RT: 9.095 min Scan# 999
 Delta R.T. -0.012 min
 Lab File: BM034370.D
 Acq: 24 Mar 2022 19:52

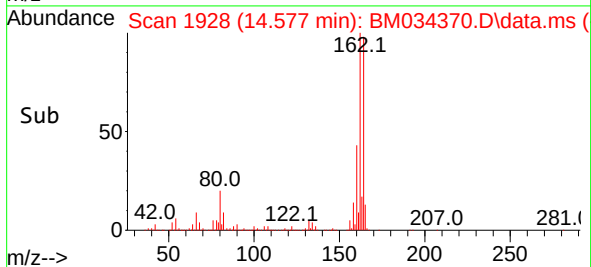
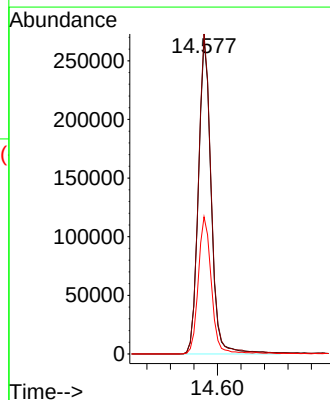
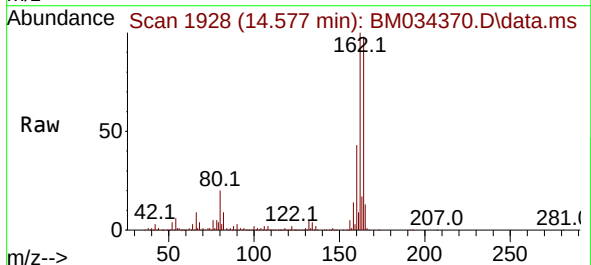
Instrument :
 BNA_M
 ClientSampleId :
 WC-2-(Q2)

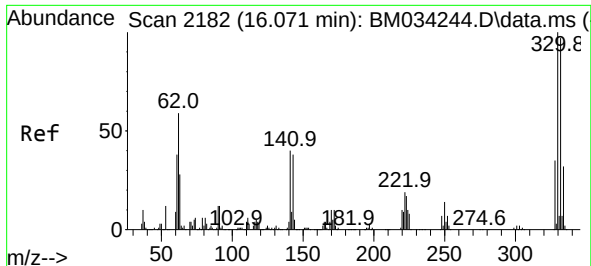
Tgt Ion: 82 Resp: 182075
 Ion Ratio Lower Upper
 82 100
 128 40.5 31.9 47.9
 54 50.9 40.6 61.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.577 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BM034370.D
 Acq: 24 Mar 2022 19:52

Tgt Ion: 164 Resp: 404773
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.6 122.4
 160 43.6 35.6 53.4

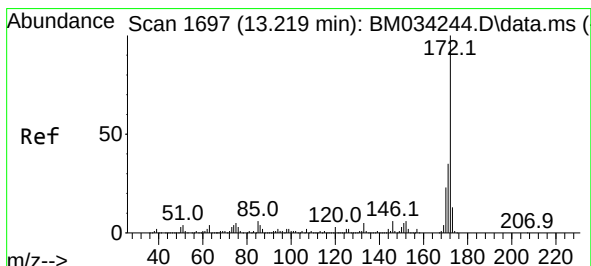
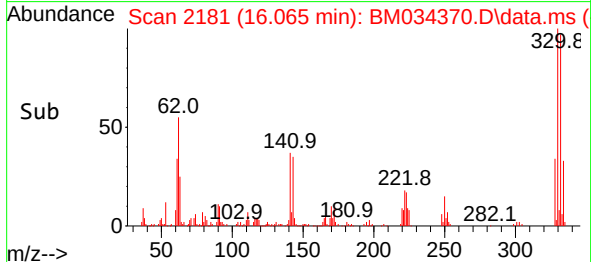
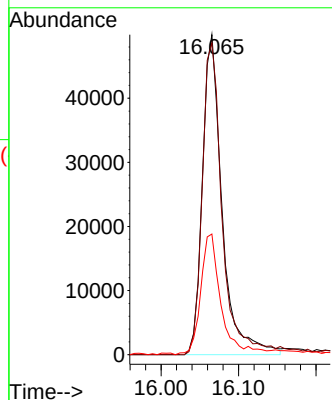
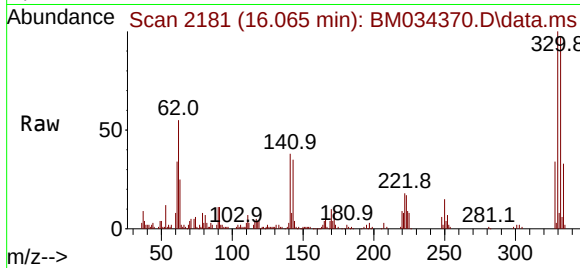




#42
2,4,6-Tribromophenol
Concen: 16.174 ng
RT: 16.065 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

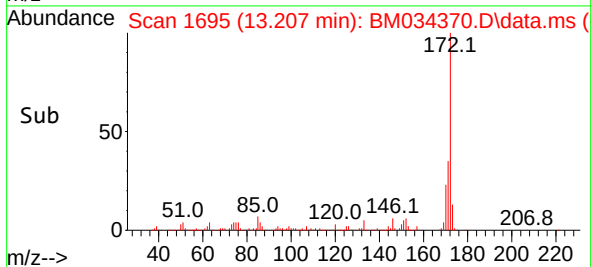
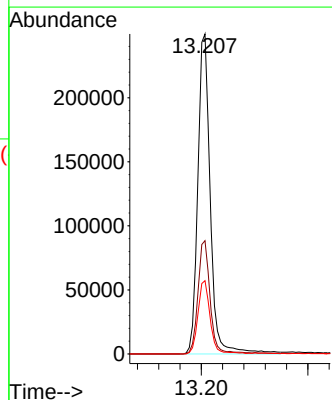
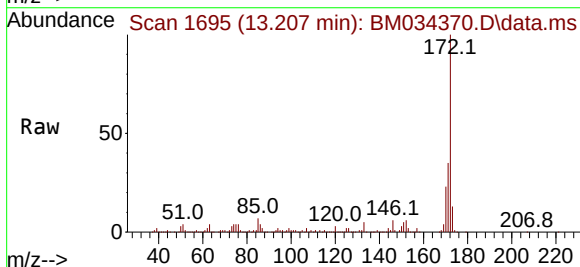
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q2)

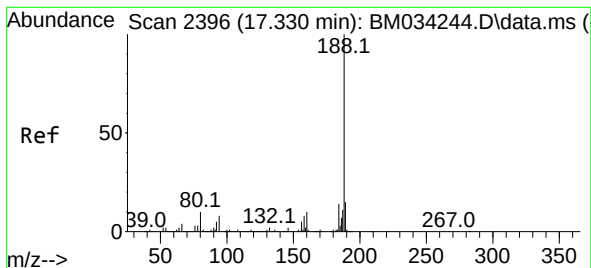
Tgt Ion:330 Resp: 88241
Ion Ratio Lower Upper
330 100
332 100.6 78.2 117.4
141 38.6 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 13.735 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

Tgt Ion:172 Resp: 406848
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.9 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: BM034370.D

Acq: 24 Mar 2022 19:52

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q2)

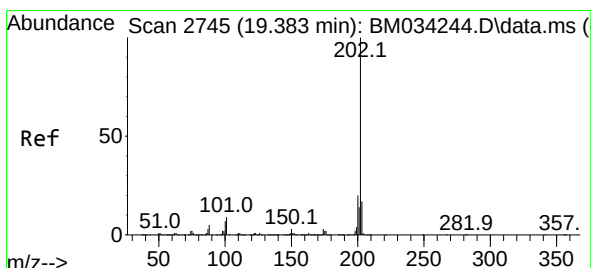
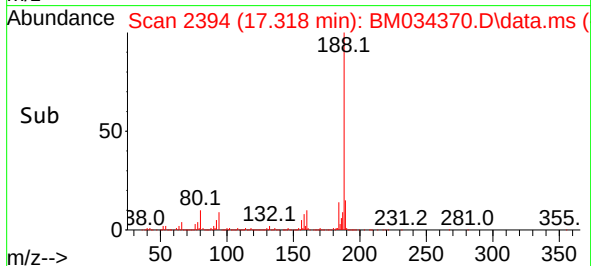
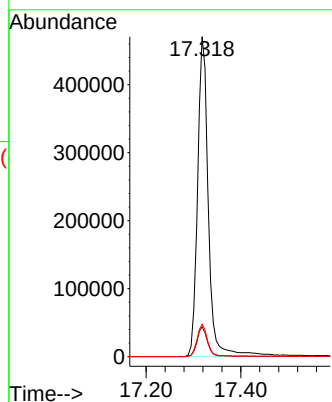
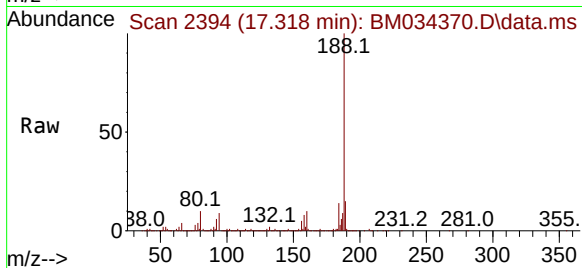
Tgt Ion:188 Resp: 747606

Ion Ratio Lower Upper

188 100

94 9.4 6.6 9.8

80 10.1 7.8 11.8



#75

Fluoranthene

Concen: 3.514 ng

RT: 19.371 min Scan# 2743

Delta R.T. -0.006 min

Lab File: BM034370.D

Acq: 24 Mar 2022 19:52

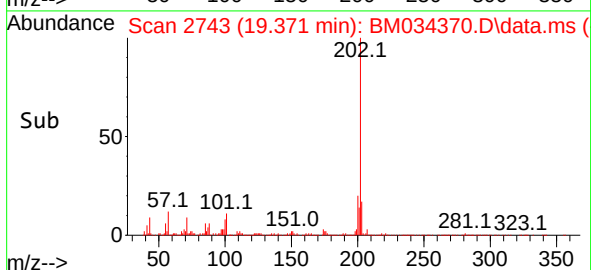
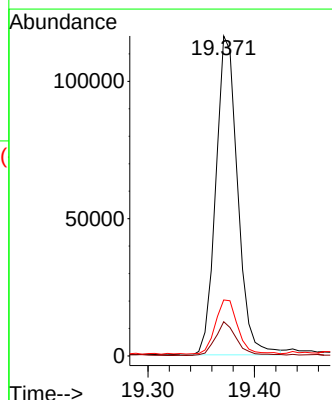
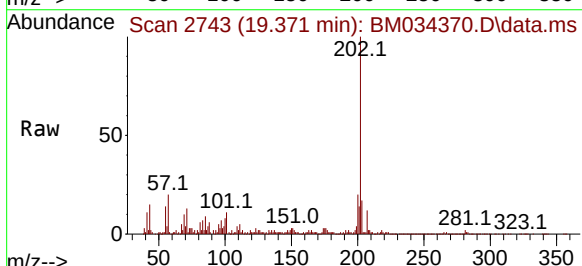
Tgt Ion:202 Resp: 164910

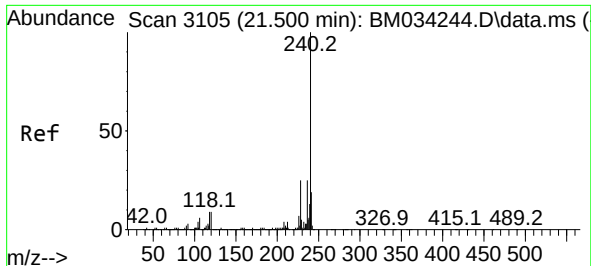
Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.4

203 17.5 0.0 37.1

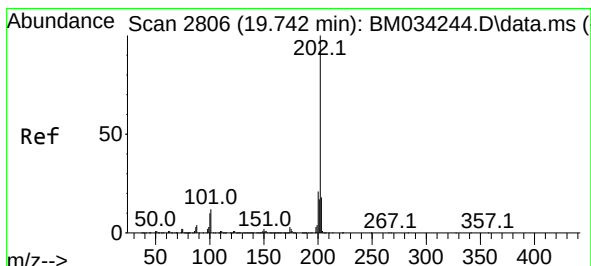
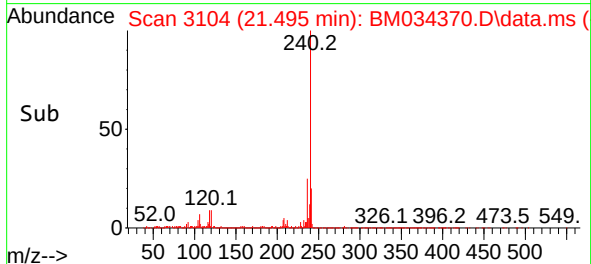
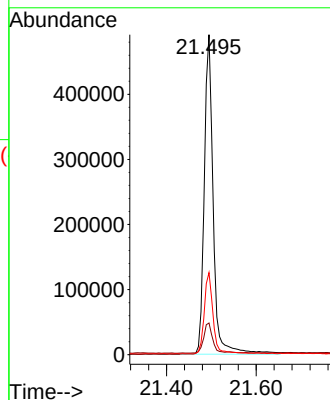
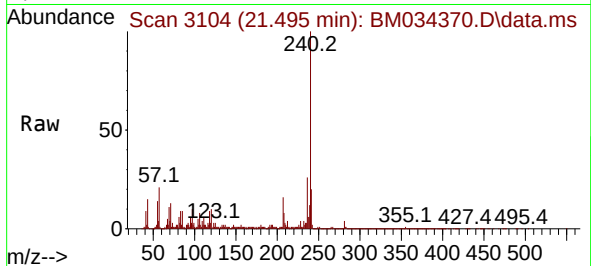




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

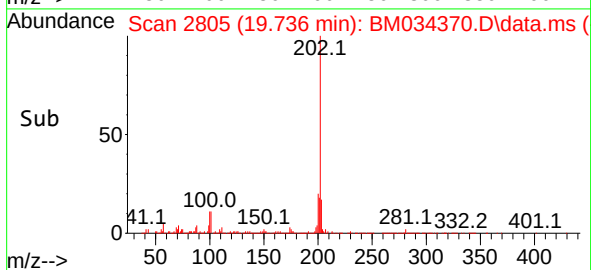
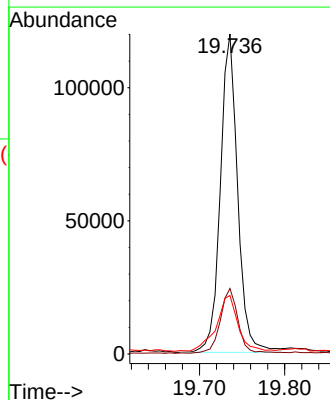
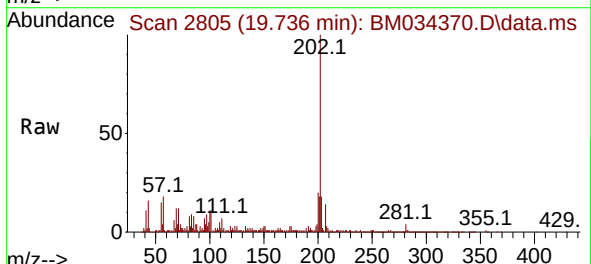
Instrument :
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WC-2-(Q2)

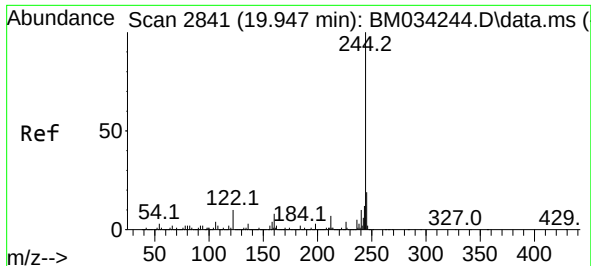
Tgt Ion:240 Resp: 682869
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 25.7 20.2 30.2



#78
Pyrene
Concen: 3.516 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

Tgt Ion:202 Resp: 169146
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 18.3 14.1 21.1

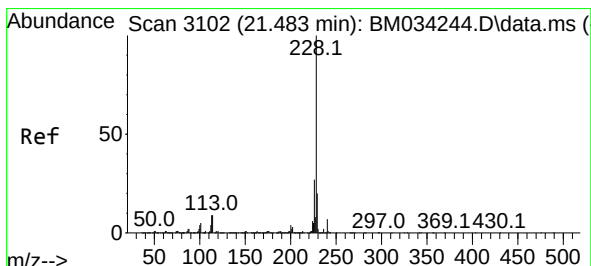
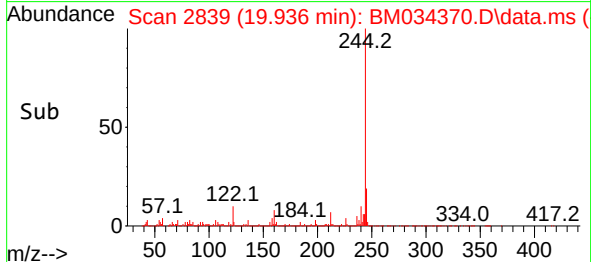
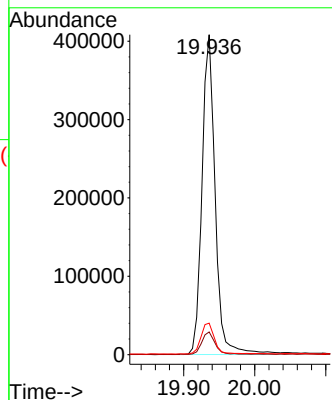
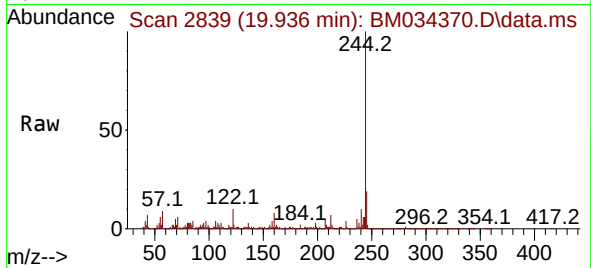




#79
 Terphenyl-d14
 Concen: 13.428 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM034370.D
 Acq: 24 Mar 2022 19:52

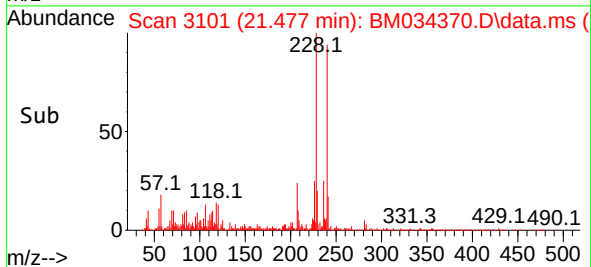
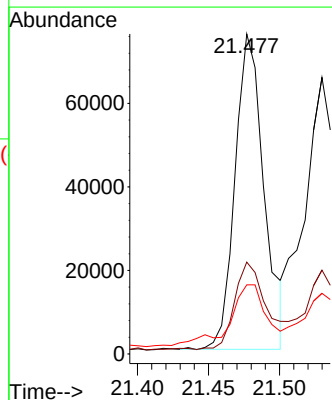
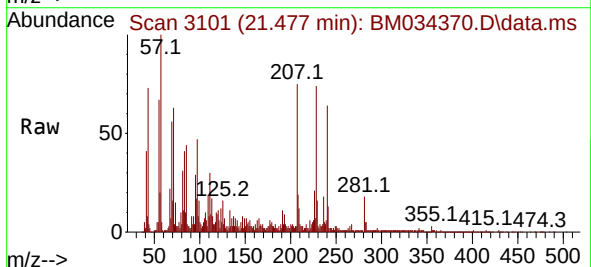
Instrument :
 BNA_M
 ClientSampleId :
 WC-2-(Q2)

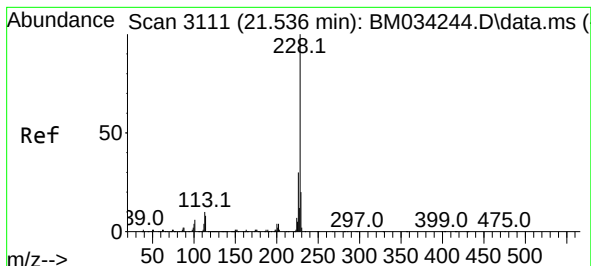
Tgt Ion:244 Resp: 527718
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.9 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.481 ng
 RT: 21.477 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: BM034370.D
 Acq: 24 Mar 2022 19:52

Tgt Ion:228 Resp: 106916
 Ion Ratio Lower Upper
 228 100
 226 28.7 21.6 32.4
 229 21.6 15.8 23.6





#83

Chrysene

Concen: 2.446 ng

RT: 21.530 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM034370.D

Acq: 24 Mar 2022 19:52

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q2)

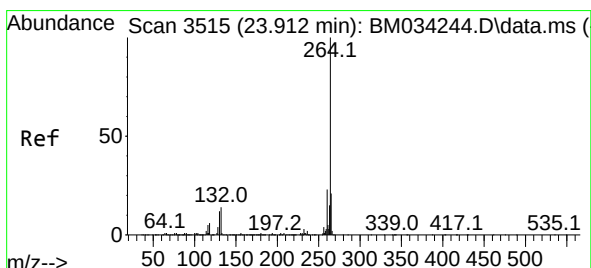
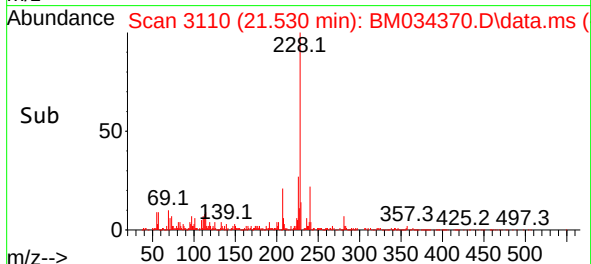
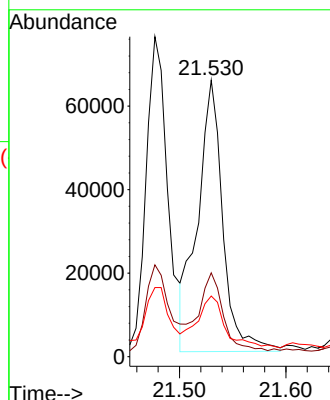
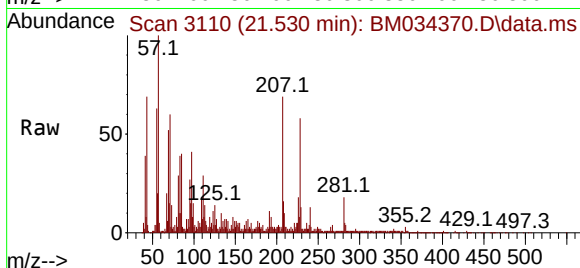
Tgt Ion:228 Resp: 107644

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 22.0 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: BM034370.D

Acq: 24 Mar 2022 19:52

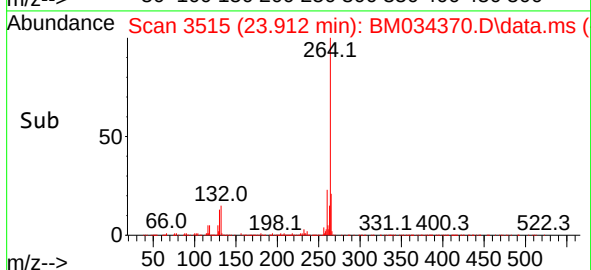
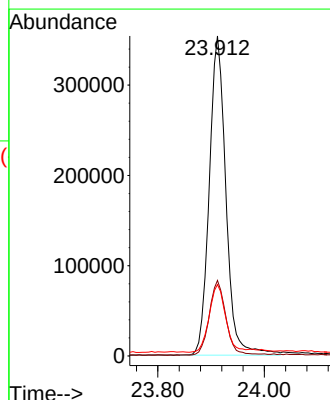
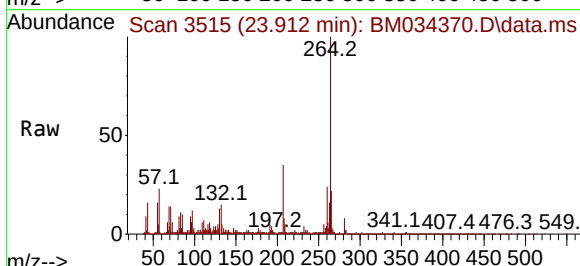
Tgt Ion:264 Resp: 770163

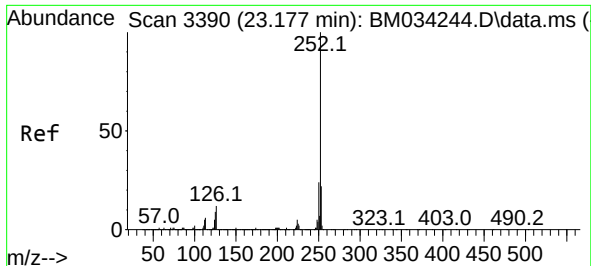
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.3 17.6 26.4

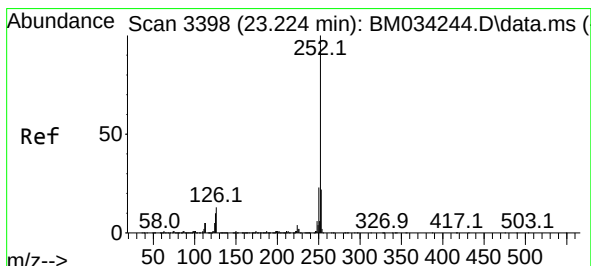
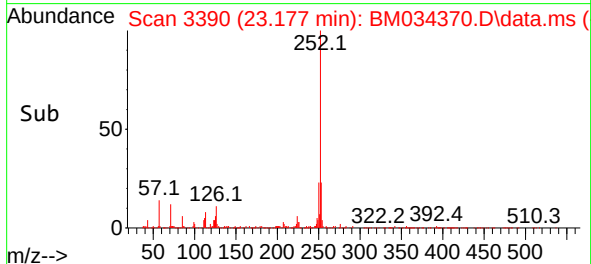
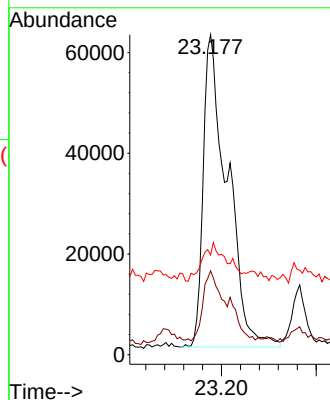
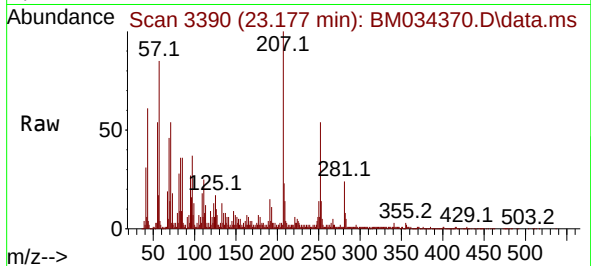




#88
Benzo(b)fluoranthene
Concen: 4.762 ng
RT: 23.177 min Scan# 3390
Delta R.T. 0.006 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

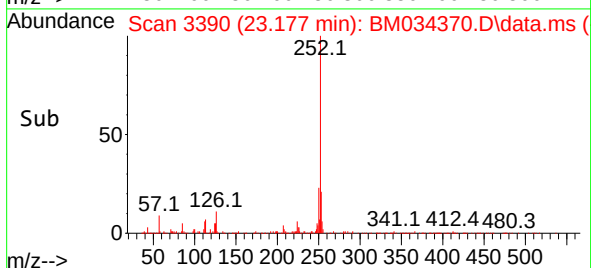
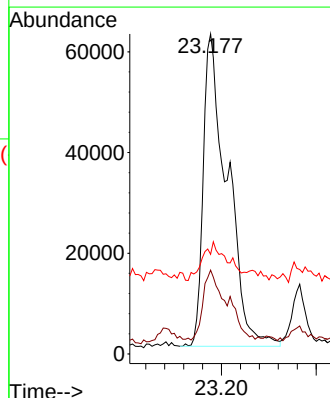
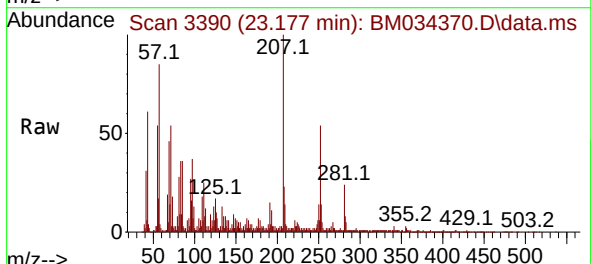
Instrument :
BNA_M
ClientSampleId :
WC-2-(Q2)

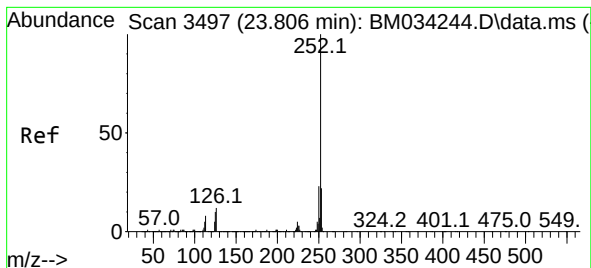
Tgt Ion:252 Resp: 219287
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 31.1 7.2 10.8#



#89
Benzo(k)fluoranthene
Concen: 4.495 ng
RT: 23.177 min Scan# 3390
Delta R.T. -0.047 min
Lab File: BM034370.D
Acq: 24 Mar 2022 19:52

Tgt Ion:252 Resp: 219287
Ion Ratio Lower Upper
252 100
253 26.2 17.6 26.4
125 31.1 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 2.605 ng

RT: 23.806 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM034370.D

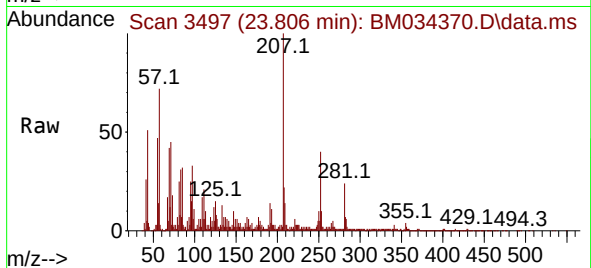
Acq: 24 Mar 2022 19:52

Instrument :

BNA_M

ClientSampleId :

WC-2-(Q2)



Tgt Ion:252 Resp: 101705

Ion Ratio Lower Upper

252 100

253 25.9 17.5 26.3

125 37.3 7.8 11.6#

