

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042673.D
 Acq On : 09 Nov 2023 16:06
 Operator : MA/JU
 Sample : 05256-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-10

Quant Time: Nov 09 16:40:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	29337	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	100896	20.000	ng	# 0.00
39) Acenaphthene-d10	14.504	164	60852	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	123064	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	117736	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	143642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	269518	148.267	ng	0.00
7) Phenol-d6	7.010	99	316615	127.000	ng	0.00
23) Nitrobenzene-d5	9.045	82	253546	117.144	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	139197	175.206	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	490077	108.369	ng	0.00
79) Terphenyl-d14	19.874	244	781449	112.542	ng	0.00

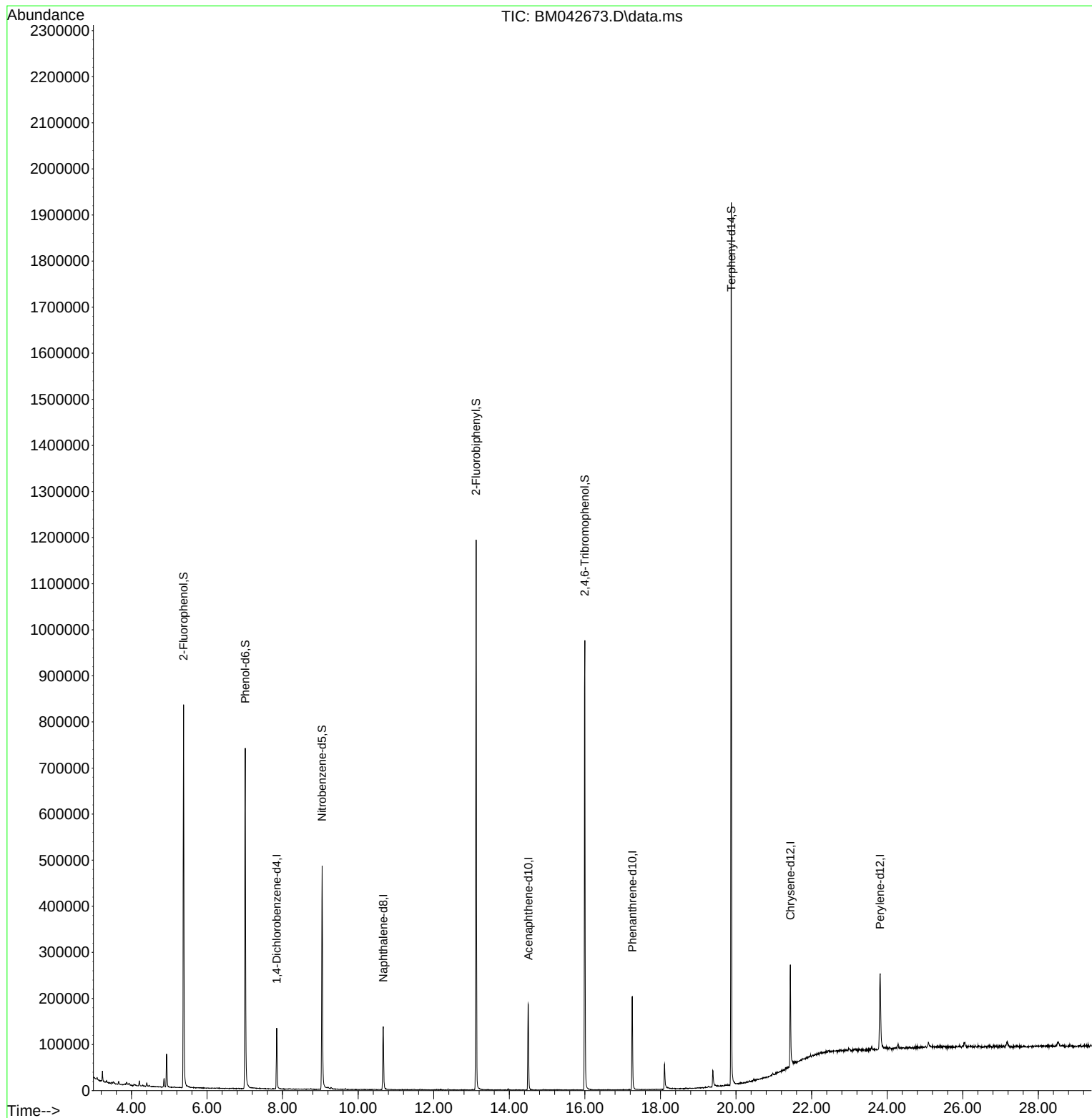
Target Compounds	Qvalue

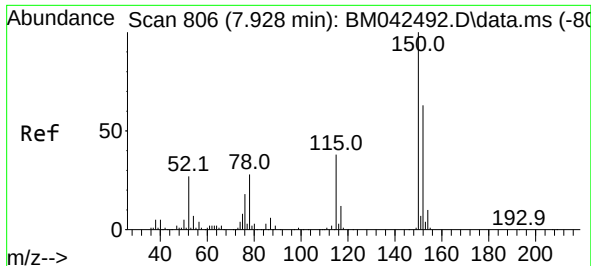
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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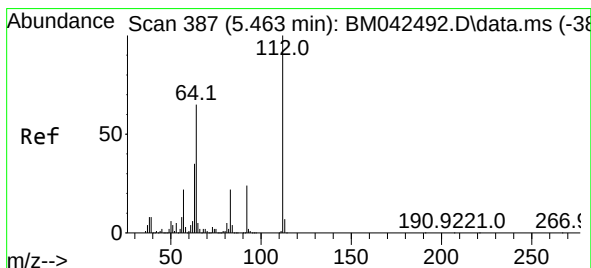
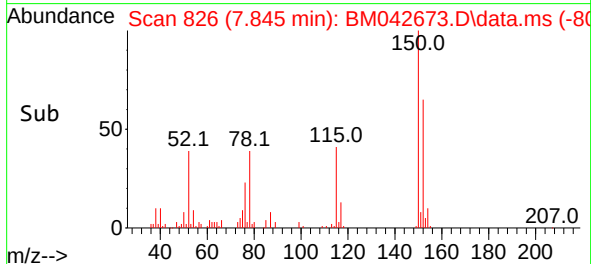
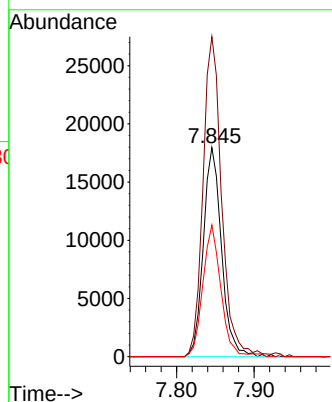
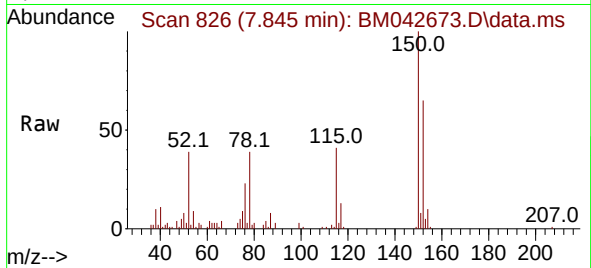




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM042673.D
Acq: 09 Nov 2023 16:06

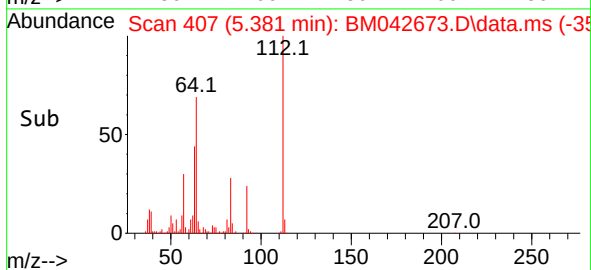
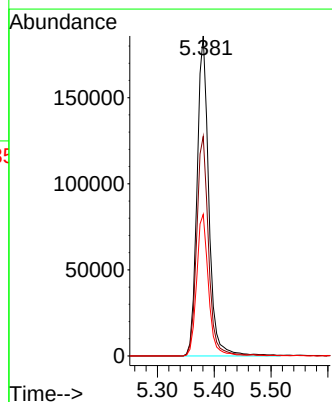
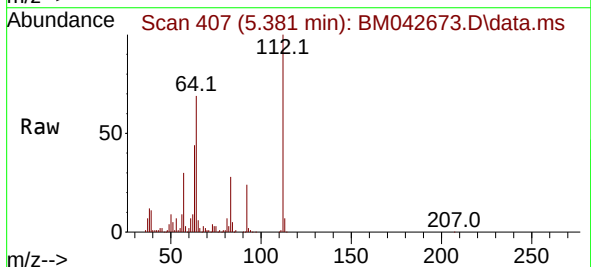
Instrument :
BNA_M
ClientSampleId :
WC-10

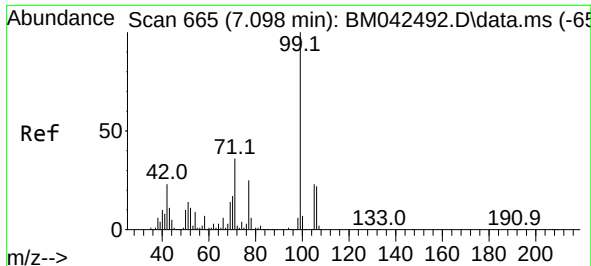
Tgt Ion:152 Resp: 29337
Ion Ratio Lower Upper
152 100
150 153.0 127.4 191.0
115 62.9 47.9 71.9



#5
2-Fluorophenol
Concen: 148.267 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042673.D
Acq: 09 Nov 2023 16:06

Tgt Ion:112 Resp: 269518
Ion Ratio Lower Upper
112 100
64 68.6 52.1 78.1
63 44.2 28.3 42.5#

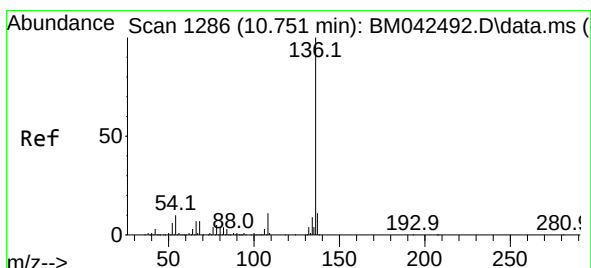
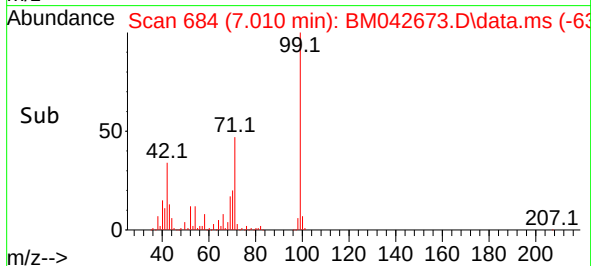
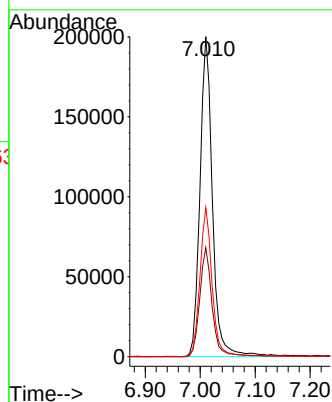
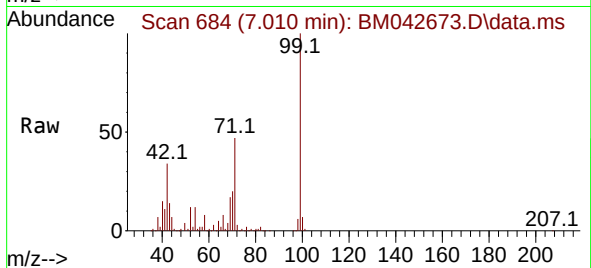




#7
Phenol-d6
Concen: 127.000 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042673.D
Acq: 09 Nov 2023 16:06

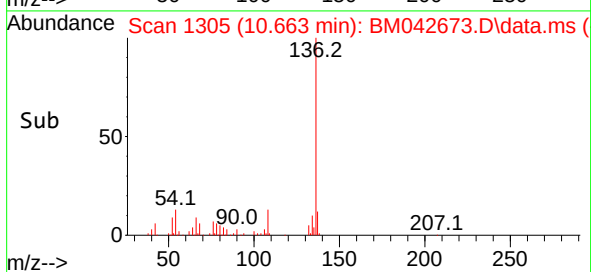
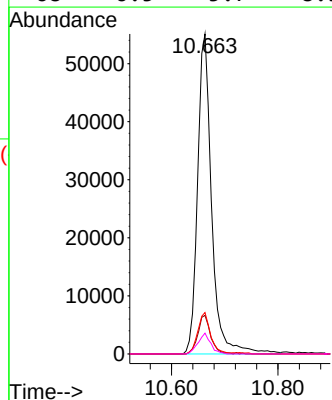
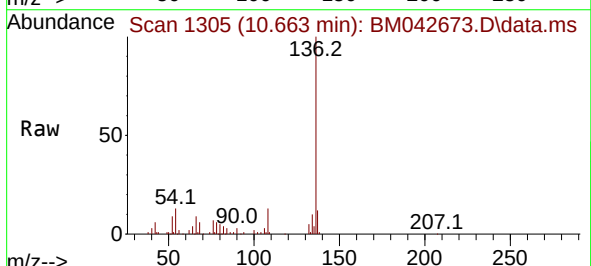
Instrument :
BNA_M
ClientSampleId :
WC-10

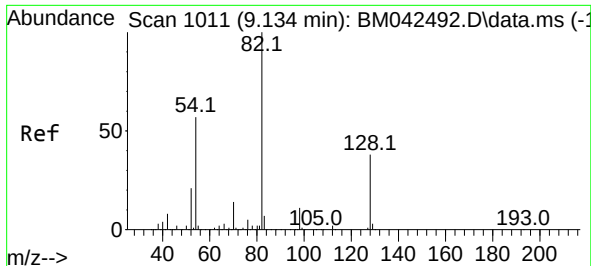
Tgt Ion: 99 Resp: 316615
Ion Ratio Lower Upper
99 100
42 34.0 18.7 28.1#
71 46.6 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042673.D
Acq: 09 Nov 2023 16:06

Tgt Ion:136 Resp: 100896
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 12.9 8.0 12.0#
68 6.5 5.7 8.5

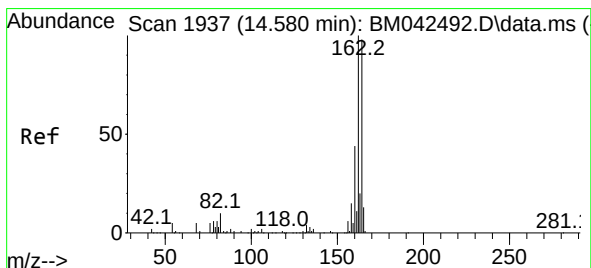
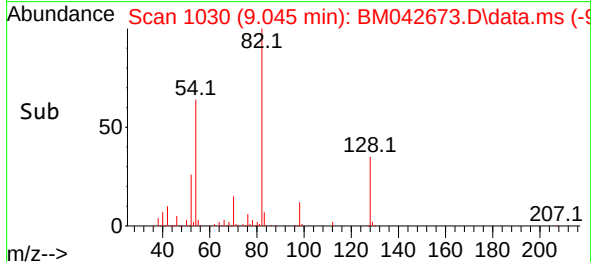
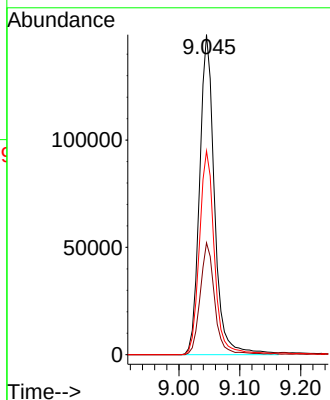
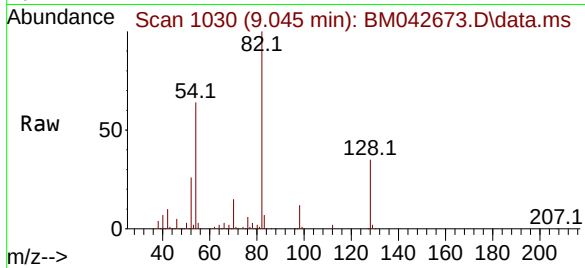




#23
Nitrobenzene-d5
Concen: 117.144 ng
RT: 9.045 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM042673.D
Acq: 09 Nov 2023 16:06

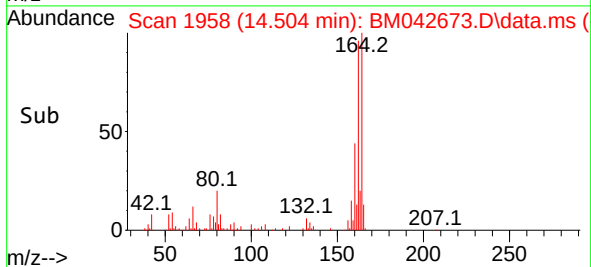
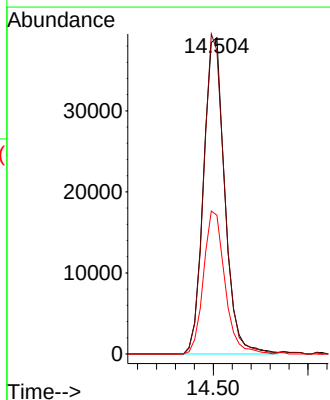
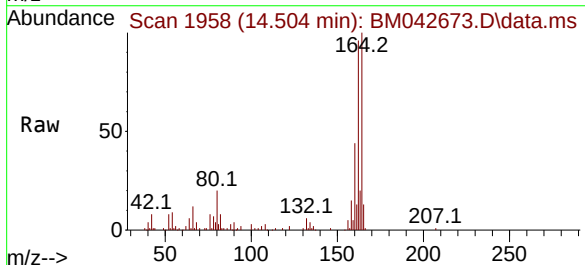
Instrument :
BNA_M
ClientSampleId :
WC-10

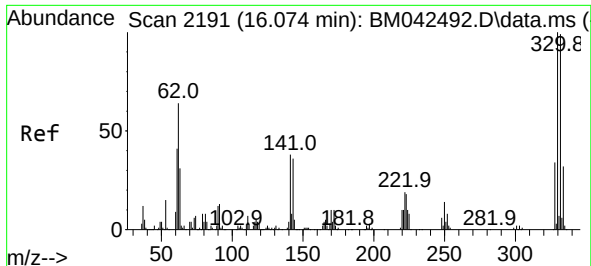
Tgt Ion: 82 Resp: 253546
Ion Ratio Lower Upper
82 100
128 35.0 30.7 46.1
54 63.6 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM042673.D
Acq: 09 Nov 2023 16:06

Tgt Ion:164 Resp: 60852
Ion Ratio Lower Upper
164 100
162 95.9 81.6 122.4
160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 175.206 ng

RT: 15.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042673.D

Acq: 09 Nov 2023 16:06

Instrument :

BNA_M

ClientSampleId :

WC-10

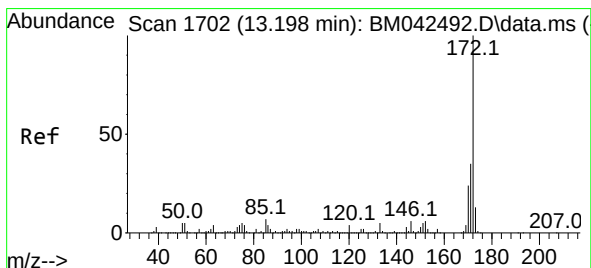
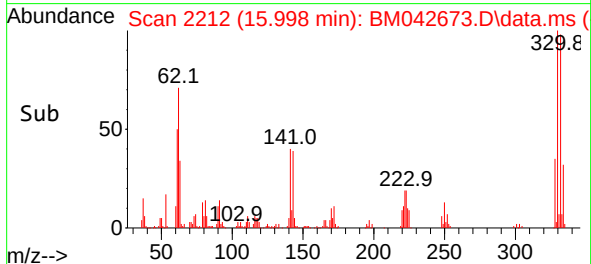
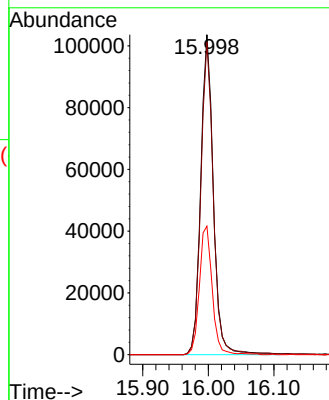
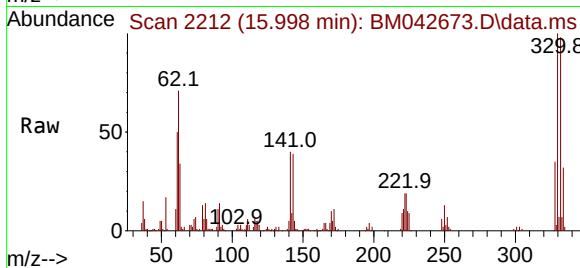
Tgt Ion:330 Resp: 139197

Ion Ratio Lower Upper

330 100

332 96.9 78.8 118.2

141 40.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 108.369 ng

RT: 13.121 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM042673.D

Acq: 09 Nov 2023 16:06

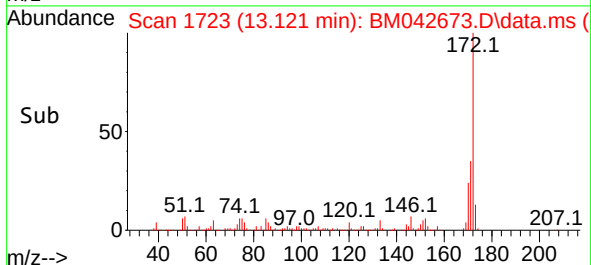
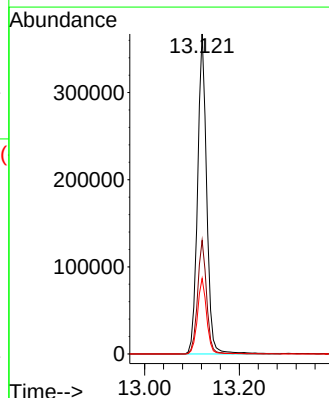
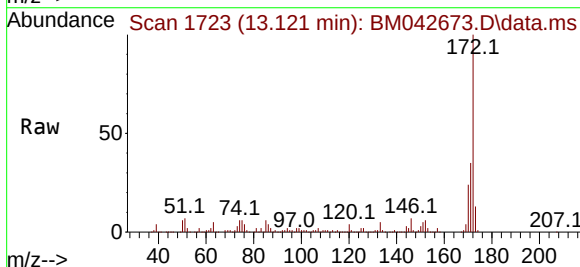
Tgt Ion:172 Resp: 490077

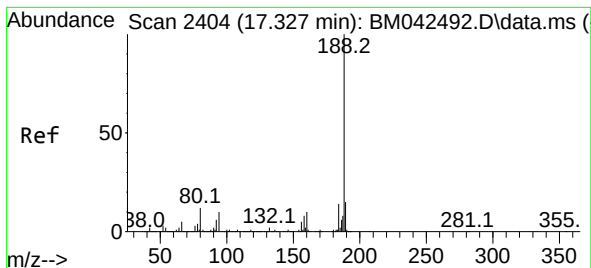
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM042673.D

Acq: 09 Nov 2023 16:06

Instrument :

BNA_M

ClientSampleId :

WC-10

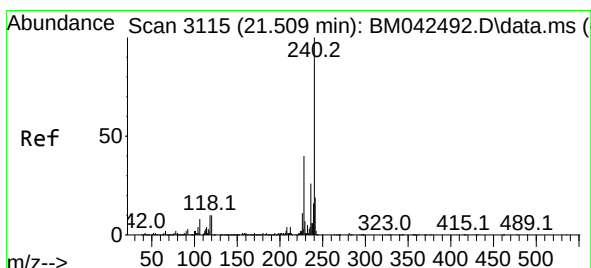
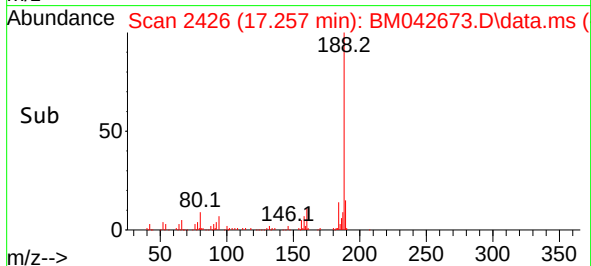
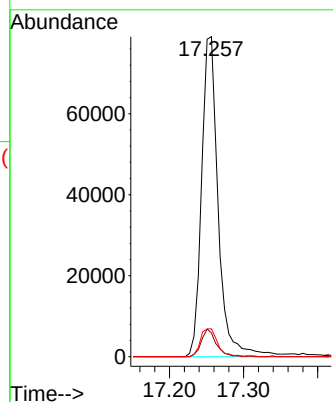
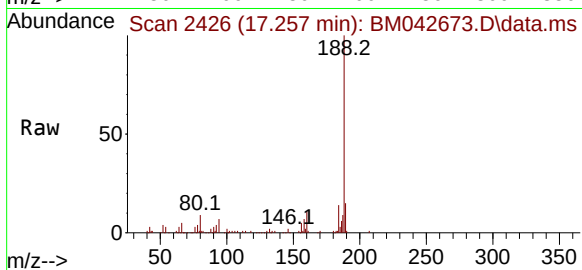
Tgt Ion:188 Resp: 123064

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.4#

80 8.7 9.4 14.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM042673.D

Acq: 09 Nov 2023 16:06

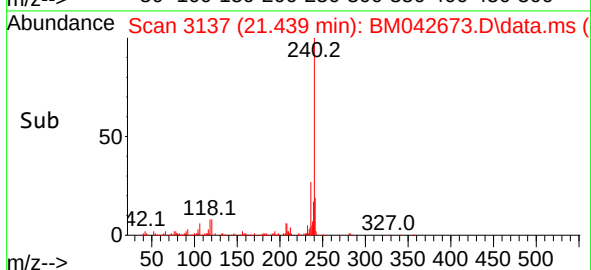
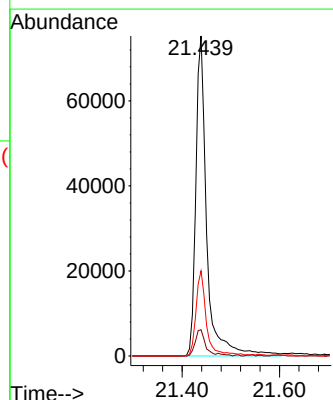
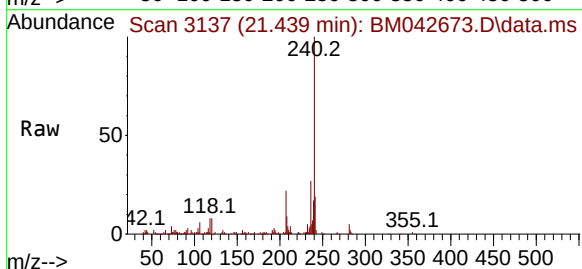
Tgt Ion:240 Resp: 117736

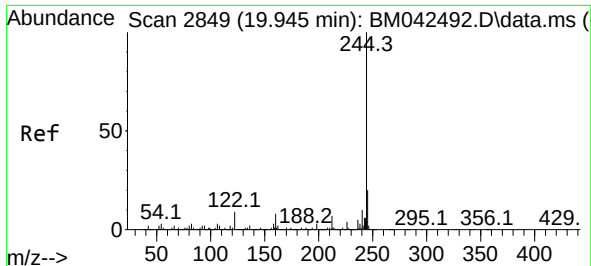
Ion Ratio Lower Upper

240 100

120 8.2 8.3 12.5#

236 26.6 20.8 31.2

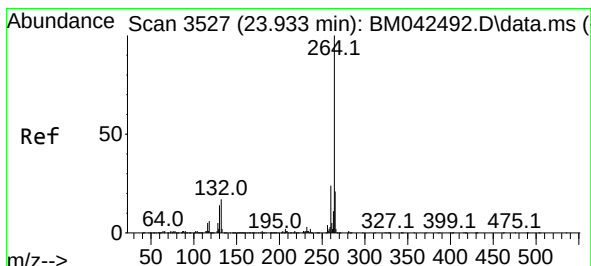
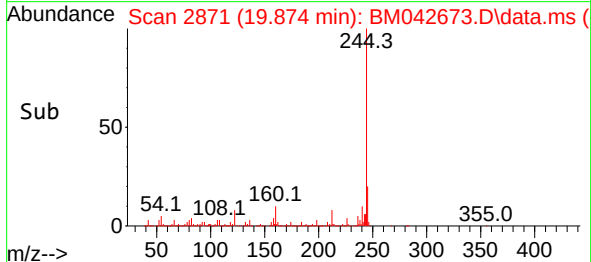
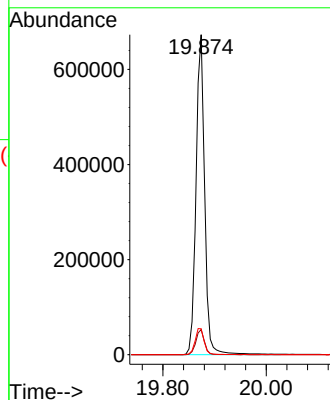
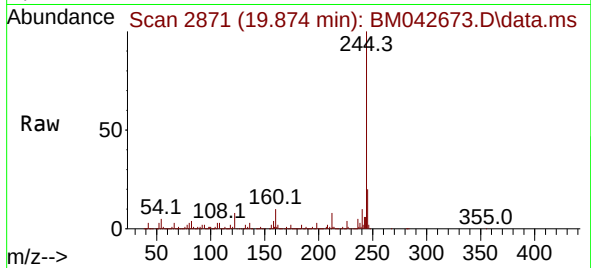




#79
 Terphenyl-d14
 Concen: 112.542 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042673.D
 Acq: 09 Nov 2023 16:06

Instrument :
 BNA_M
 ClientSampleId :
 WC-10

Tgt Ion:244 Resp: 781449
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 8.1 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: BM042673.D
 Acq: 09 Nov 2023 16:06

Tgt Ion:264 Resp: 143642
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 22.4 18.7 28.1

