

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031824\
 Data File : BM044656.D
 Acq On : 18 Mar 2024 13:12
 Operator : MA/JU
 Sample : P1747-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-01RE

Quant Time: Mar 18 14:03:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

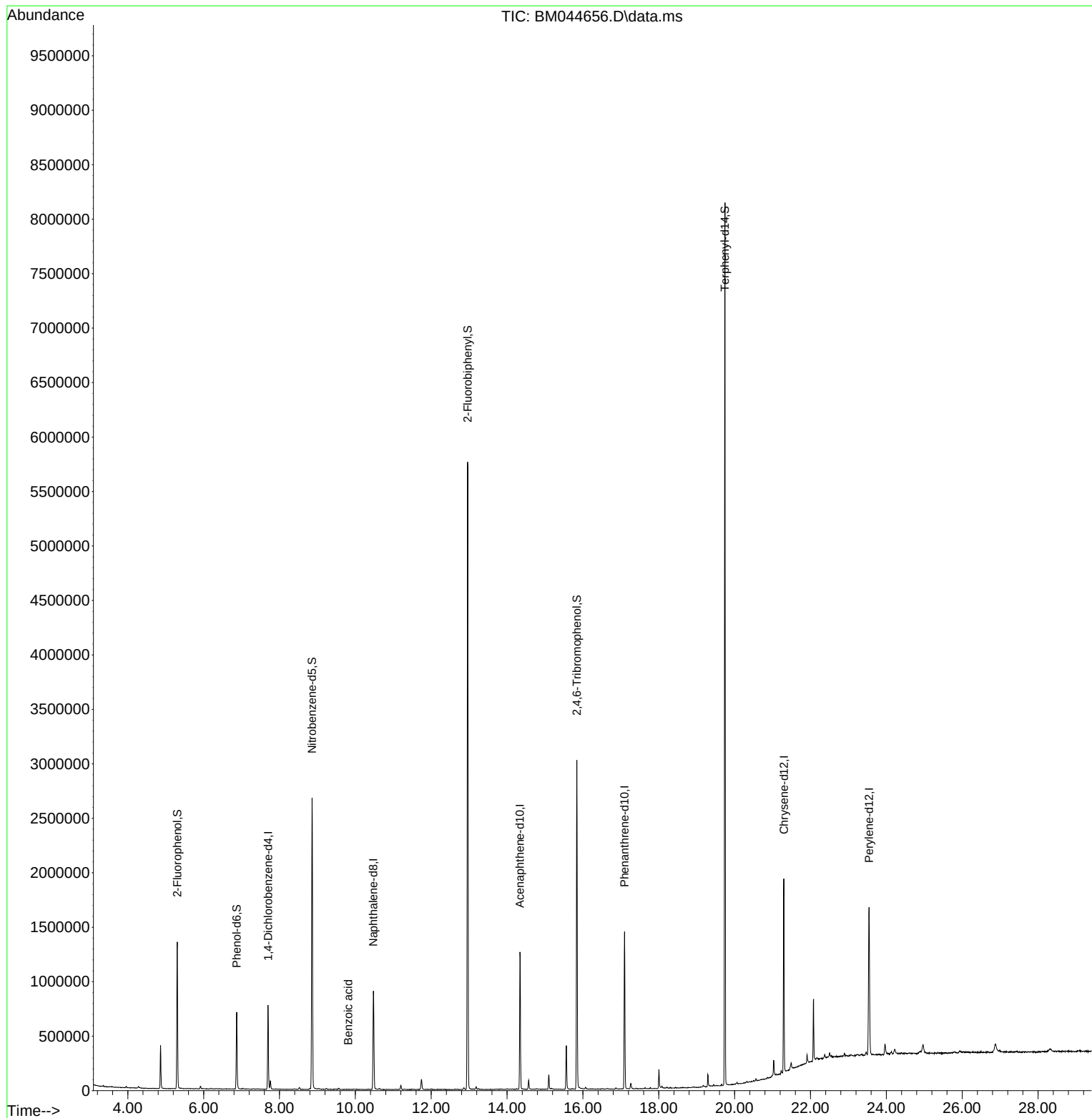
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	202767	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	772524	20.000	ng	-0.01
39) Acenaphthene-d10	14.339	164	428984	20.000	ng	-0.01
64) Phenanthrene-d10	17.098	188	830911	20.000	ng	0.00
76) Chrysene-d12	21.297	240	796584	20.000	ng	0.00
86) Perylene-d12	23.544	264	943523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	567110	40.157	ng	0.00
7) Phenol-d6	6.869	99	406129	22.353	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1520925	94.847	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	465749	98.435	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2989213	95.966	ng	0.00
79) Terphenyl-d14	19.744	244	3832626	84.167	ng	0.00
Target Compounds						
32) Benzoic acid	9.810	122	57	3.625	ng	Qvalue # 17

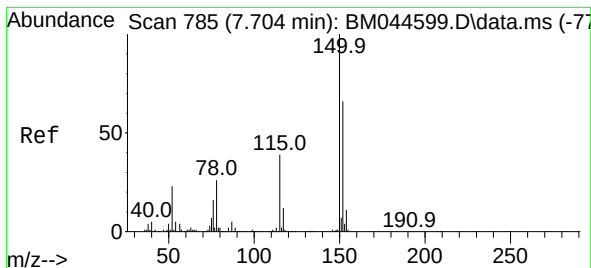
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.698 min Scan# 784

Delta R.T. -0.006 min

Lab File: BM044656.D

Acq: 18 Mar 2024 13:12

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BNA_M

ClientSampleId :

MW-01RE

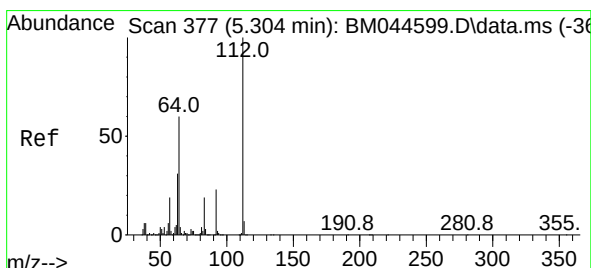
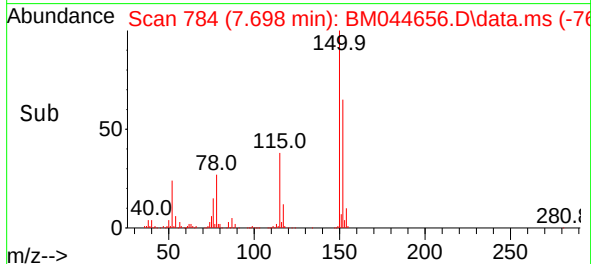
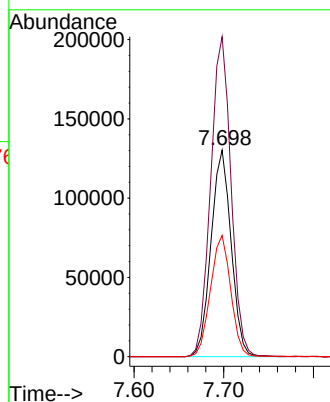
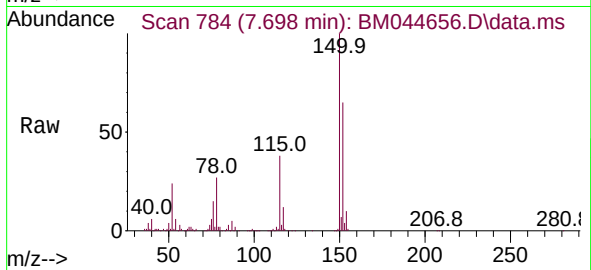
Tgt Ion:152 Resp: 202767

Ion Ratio Lower Upper

152 100

150 154.9 121.9 182.9

115 58.7 47.1 70.7



#5

2-Fluorophenol

Concen: 40.157 ng

RT: 5.304 min Scan# 377

Delta R.T. -0.000 min

Lab File: BM044656.D

Acq: 18 Mar 2024 13:12

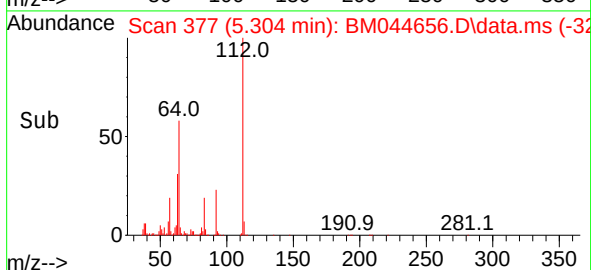
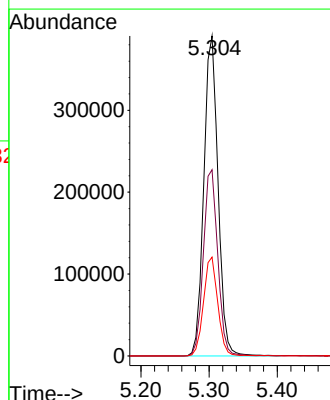
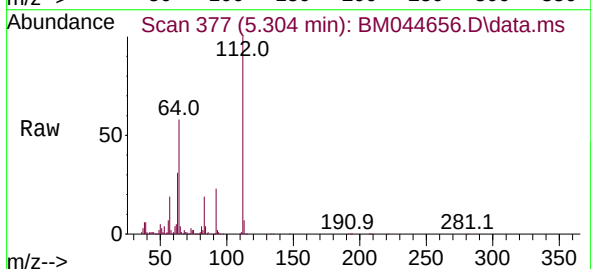
Tgt Ion:112 Resp: 567110

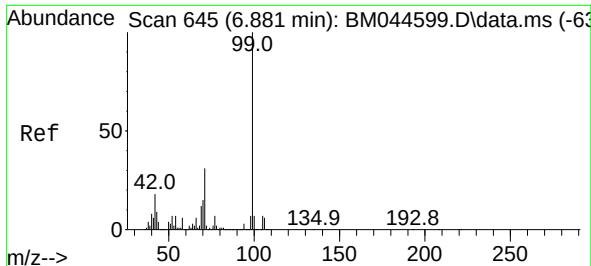
Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

63 30.9 25.0 37.4

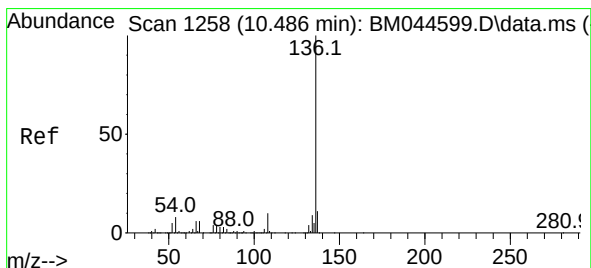
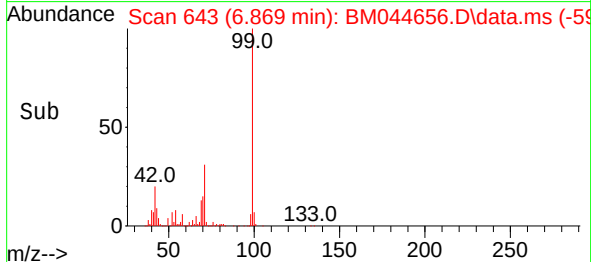
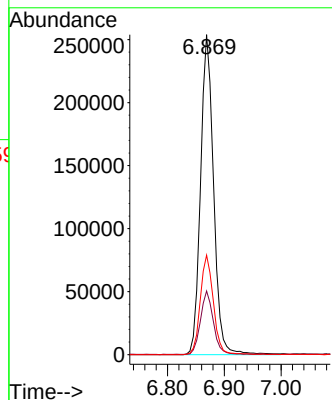
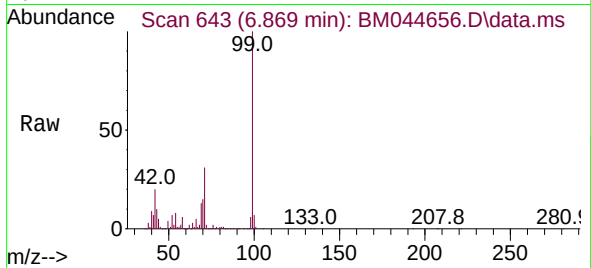




#7
Phenol-d6
Concen: 22.353 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044656.D
Acq: 18 Mar 2024 13:12

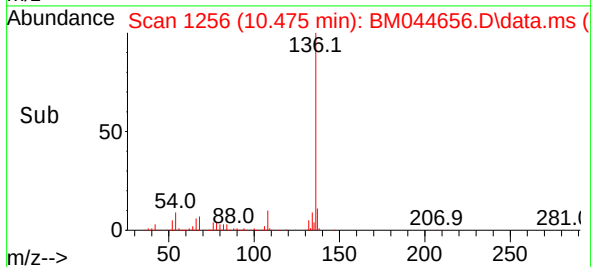
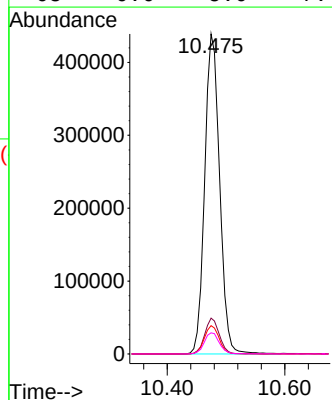
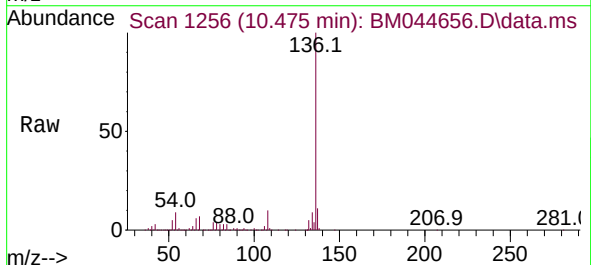
Instrument :
BNA_M
ClientSampleId :
MW-01RE

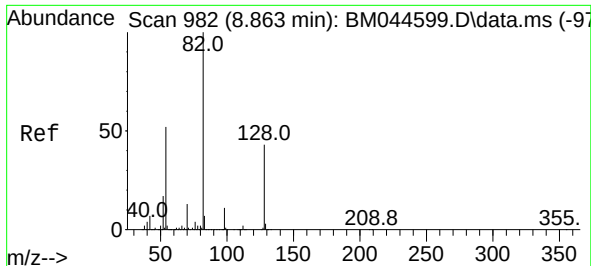
Tgt Ion: 99 Resp: 406129
Ion Ratio Lower Upper
99 100
42 19.9 14.3 21.5
71 31.1 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM044656.D
Acq: 18 Mar 2024 13:12

Tgt Ion: 136 Resp: 772524
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.9 6.6 10.0
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 94.847 ng

RT: 8.857 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM044656.D

Acq: 18 Mar 2024 13:12

Instrument :

BNA_M

ClientSampleId :

MW-01RE

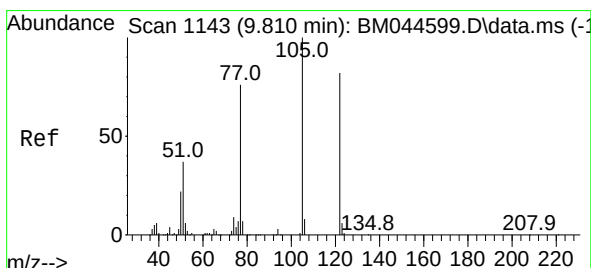
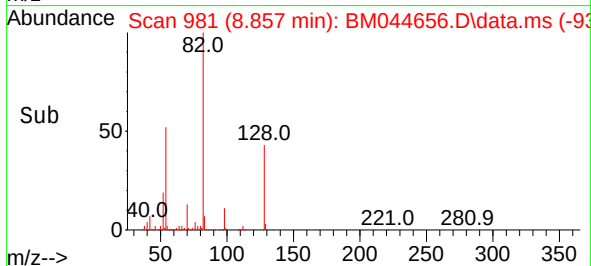
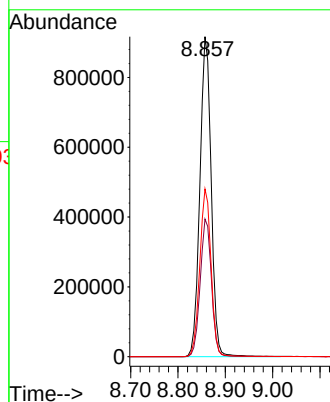
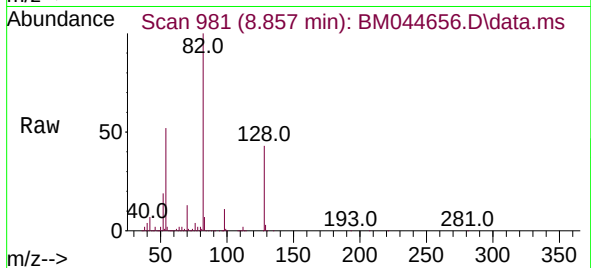
Tgt Ion: 82 Resp: 1520925

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.4

54 52.4 41.3 61.9



#32

Benzoic acid

Concen: 3.625 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BM044656.D

Acq: 18 Mar 2024 13:12

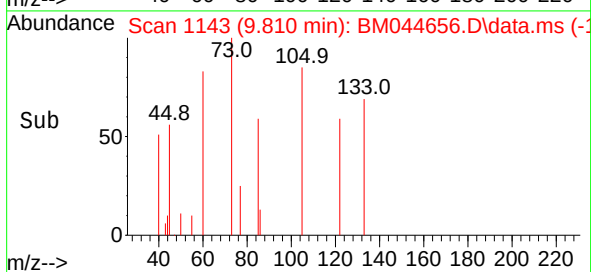
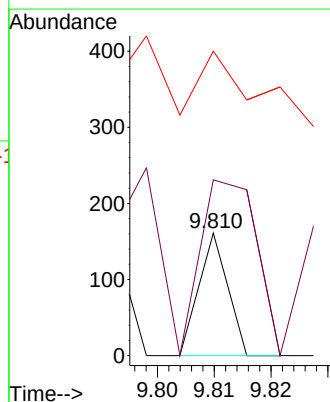
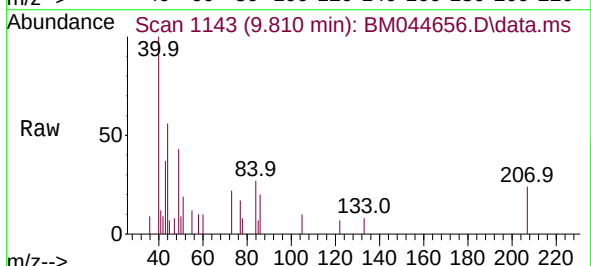
Tgt Ion:122 Resp: 57

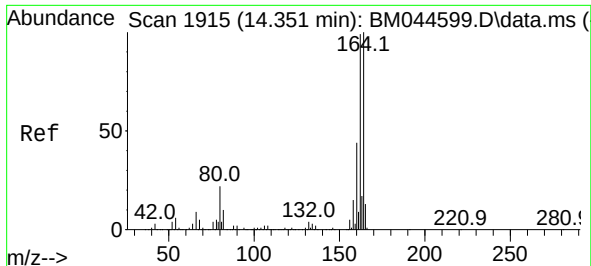
Ion Ratio Lower Upper

122 100

105 143.5 100.0 140.0#

77 248.4 72.5 112.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.339 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044656.D

Acq: 18 Mar 2024 13:12

Instrument :

BNA_M

ClientSampleId :

MW-01RE

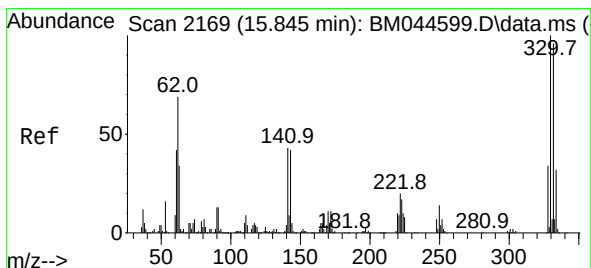
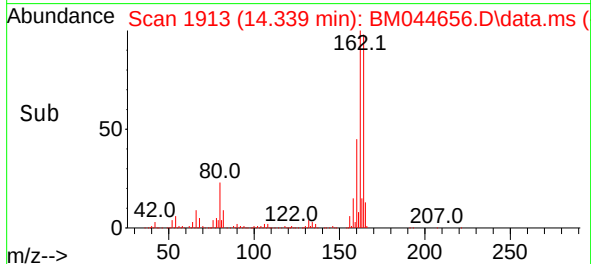
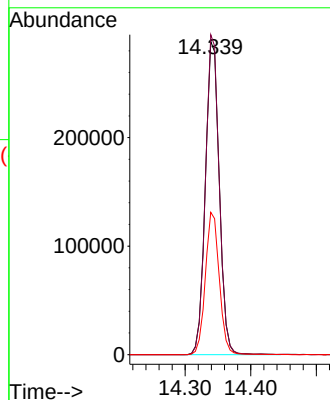
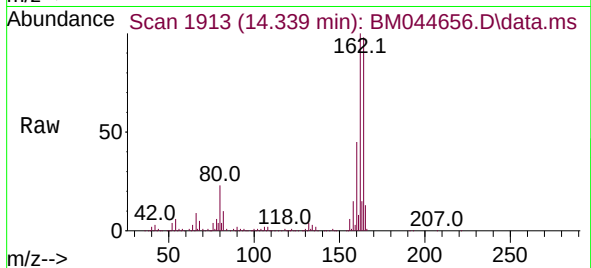
Tgt Ion:164 Resp: 428984

Ion Ratio Lower Upper

164 100

162 102.2 79.3 118.9

160 45.5 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 98.435 ng

RT: 15.839 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BM044656.D

Acq: 18 Mar 2024 13:12

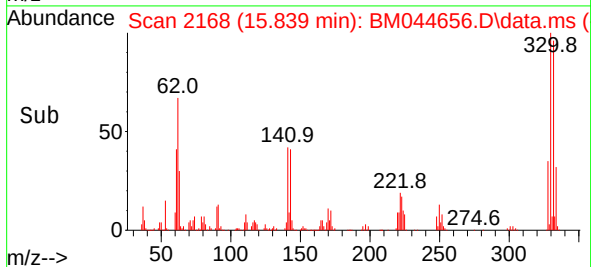
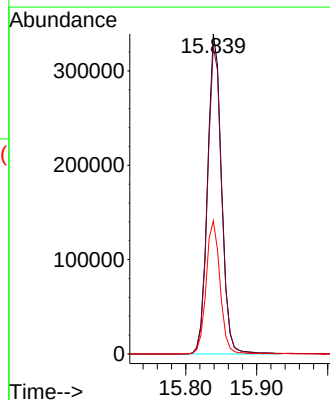
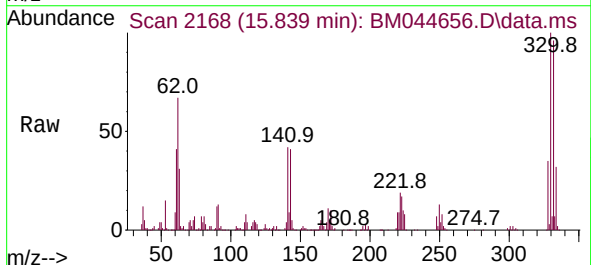
Tgt Ion:330 Resp: 465749

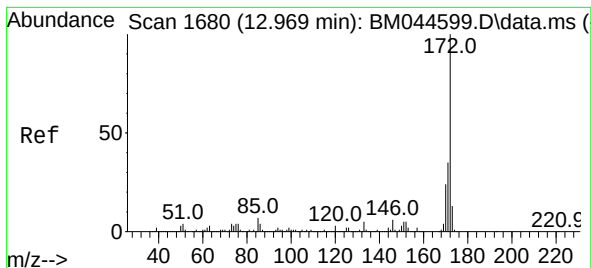
Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 41.3 33.4 50.0





#45

2-Fluorobiphenyl

Concen: 95.966 ng

RT: 12.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044656.D

Acq: 18 Mar 2024 13:12

Instrument :

BNA_M

ClientSampleId :

MW-01RE

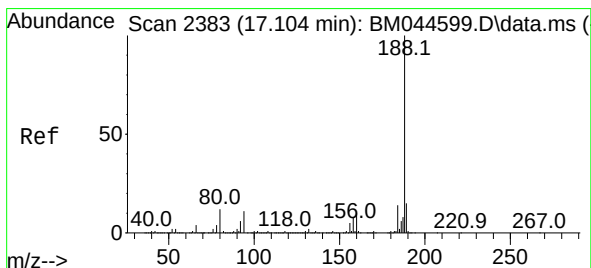
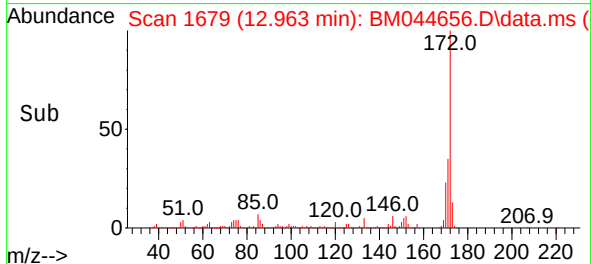
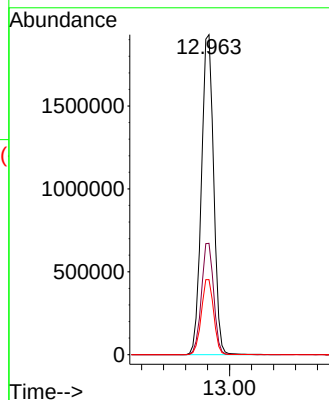
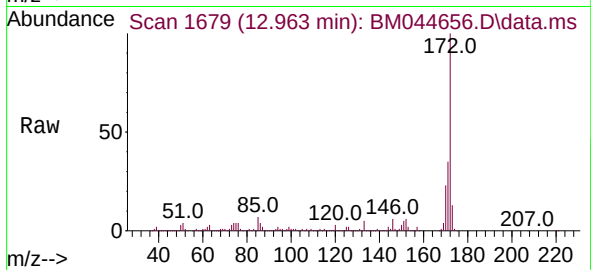
Tgt Ion:172 Resp: 2989213

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 2382

Delta R.T. -0.006 min

Lab File: BM044656.D

Acq: 18 Mar 2024 13:12

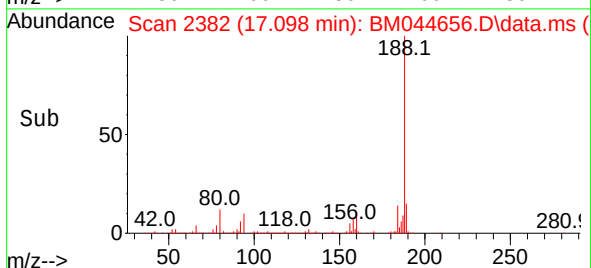
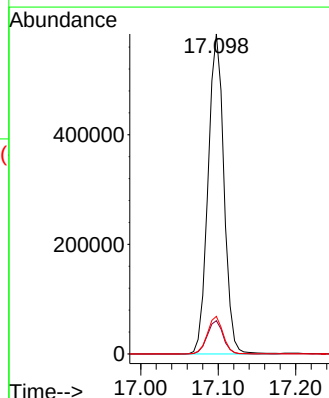
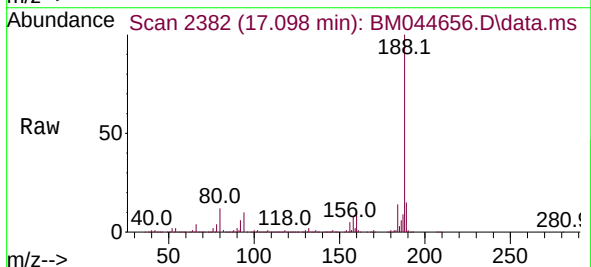
Tgt Ion:188 Resp: 830911

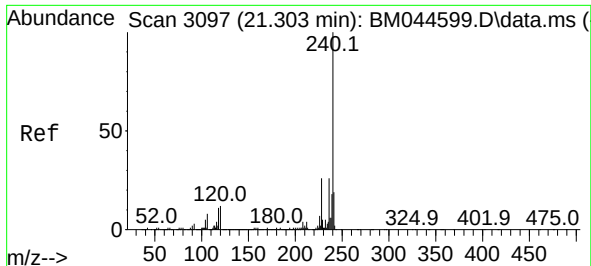
Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

80 11.7 9.4 14.0

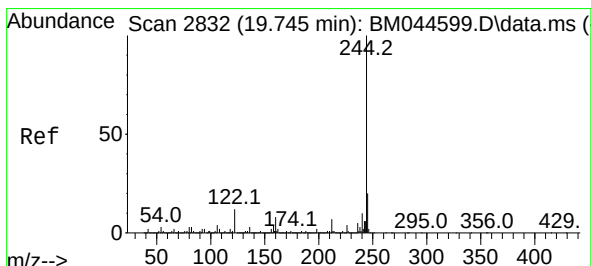
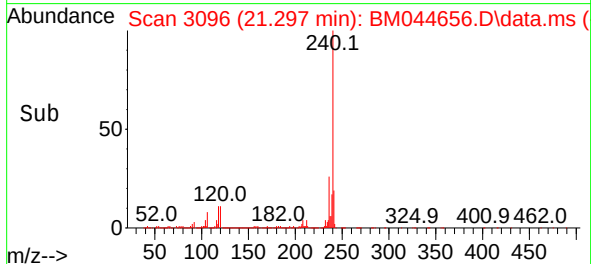
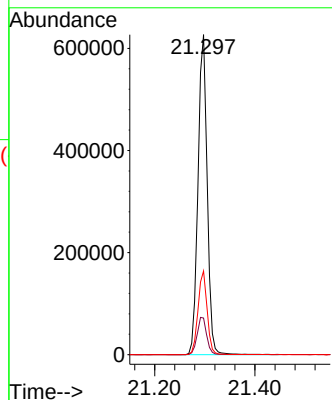
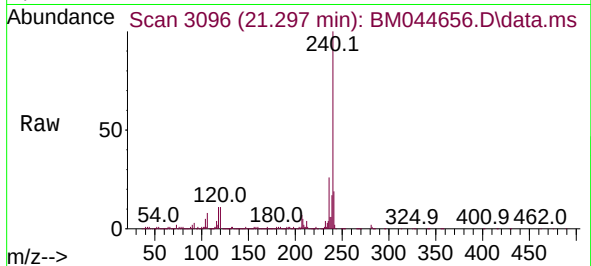




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.297 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM044656.D
Acq: 18 Mar 2024 13:12

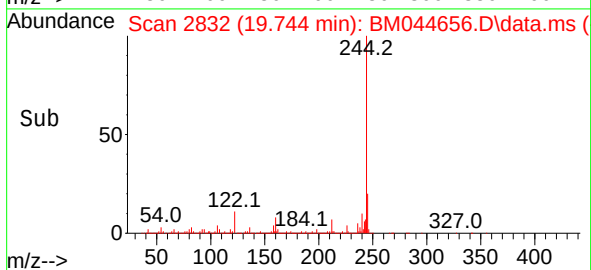
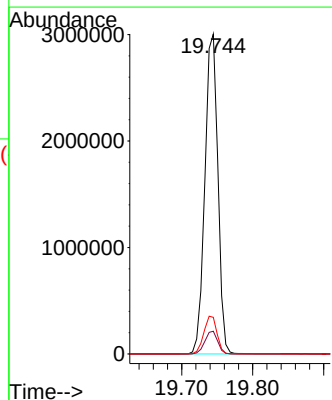
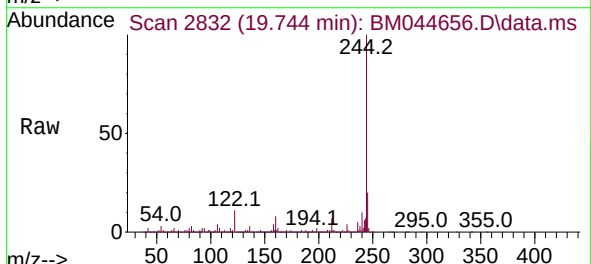
Instrument :
BNA_M
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MW-01RE

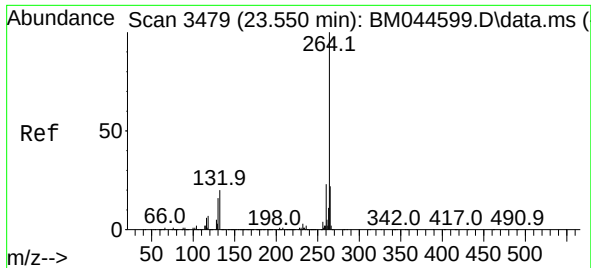
Tgt Ion:240 Resp: 796584
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 26.1 21.0 31.4



#79
Terphenyl-d14
Concen: 84.167 ng
RT: 19.744 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BM044656.D
Acq: 18 Mar 2024 13:12

Tgt Ion:244 Resp: 3832626
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 11.4 9.7 14.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.544 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM044656.D
 Acq: 18 Mar 2024 13:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-01RE

Tgt Ion:264 Resp: 943523
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.9 17.5 26.3

