

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039262.D
 Acq On : 31 Mar 2023 20:37
 Operator : CG/JU
 Sample : 02084-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3

Quant Time: Apr 01 05:21:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

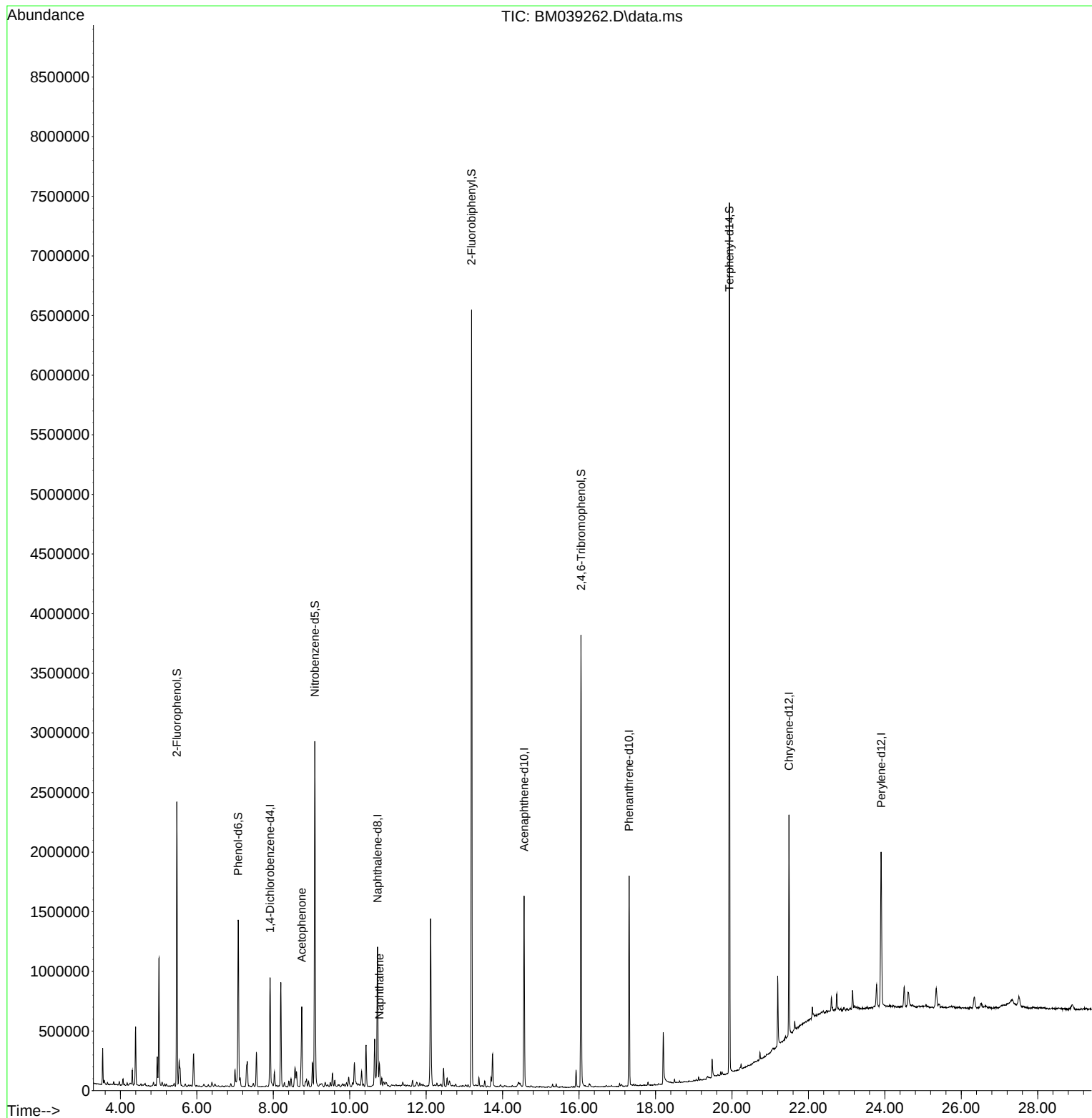
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	233133	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	924498	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	518650	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1004980	20.000	ng	0.00
76) Chrysene-d12	21.491	240	815168	20.000	ng	0.00
86) Perylene-d12	23.903	264	950005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	980797	63.383	ng	0.00
7) Phenol-d6	7.081	99	827762	41.358	ng	0.00
23) Nitrobenzene-d5	9.086	82	1585688	83.362	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	638910	97.043	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3208504	83.818	ng	0.00
79) Terphenyl-d14	19.933	244	3308022	74.975	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	8.745	105	359160	14.530	ng	# 98
31) Naphthalene	10.775	128	112293	2.254	ng	# 95

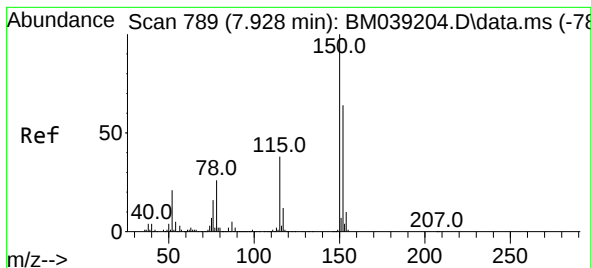
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.916 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM039262.D

Acq: 31 Mar 2023 20:37

Instrument :

BNA_M

ClientSampleId :

MW-3

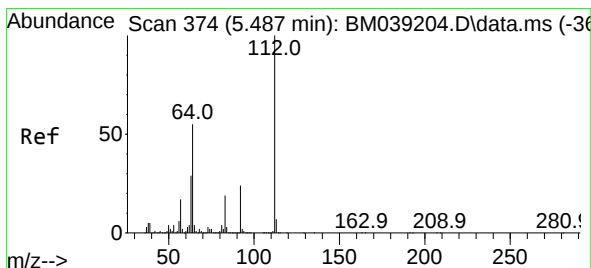
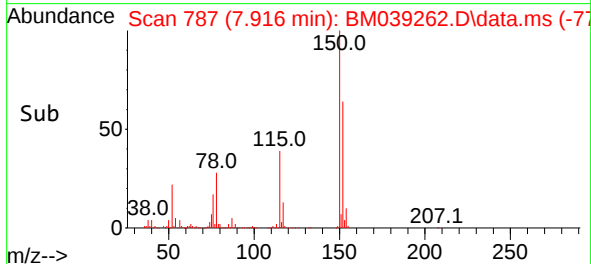
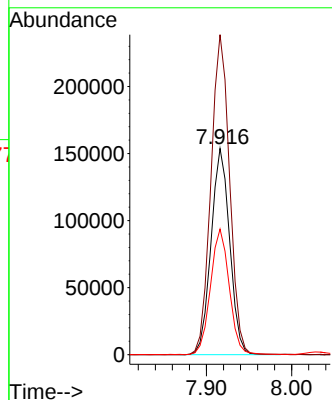
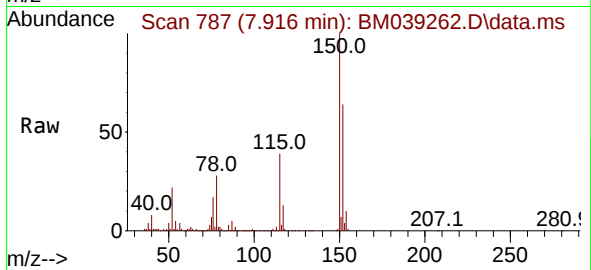
Tgt Ion:152 Resp: 233133

Ion Ratio Lower Upper

152 100

150 155.2 125.5 188.3

115 60.9 48.1 72.1



#5

2-Fluorophenol

Concen: 63.383 ng

RT: 5.475 min Scan# 372

Delta R.T. -0.000 min

Lab File: BM039262.D

Acq: 31 Mar 2023 20:37

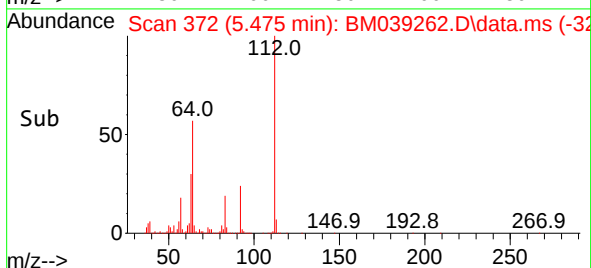
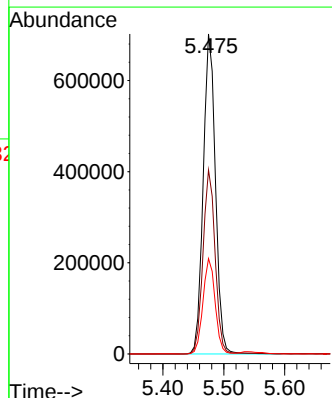
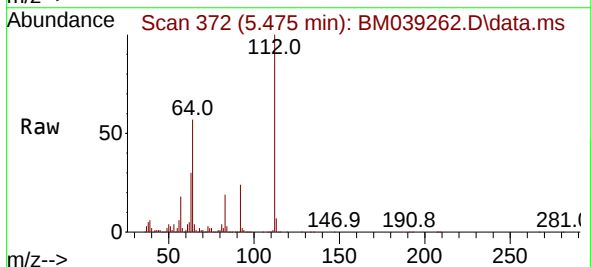
Tgt Ion:112 Resp: 980797

Ion Ratio Lower Upper

112 100

64 57.5 44.3 66.5

63 29.8 23.0 34.6

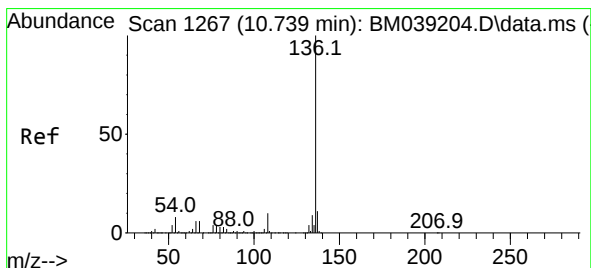
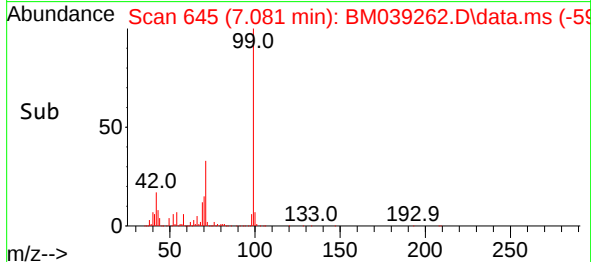
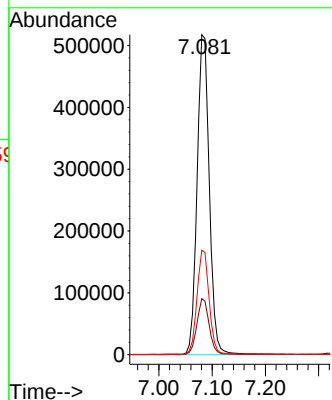
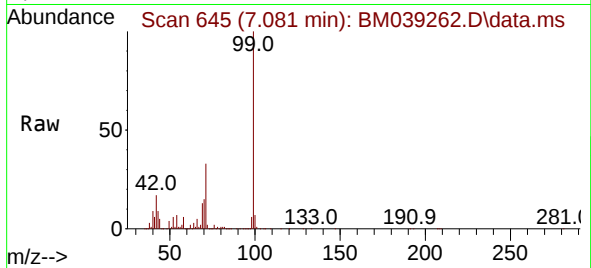




#7
Phenol-d6
Concen: 41.358 ng
RT: 7.081 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039262.D
Acq: 31 Mar 2023 20:37

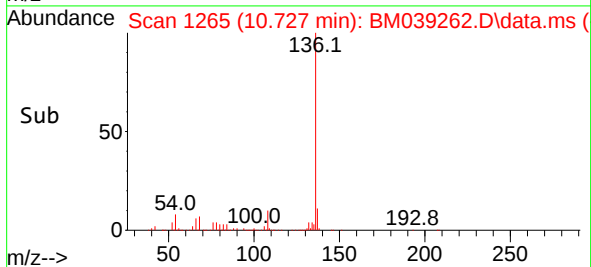
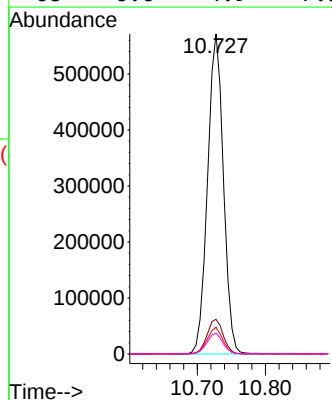
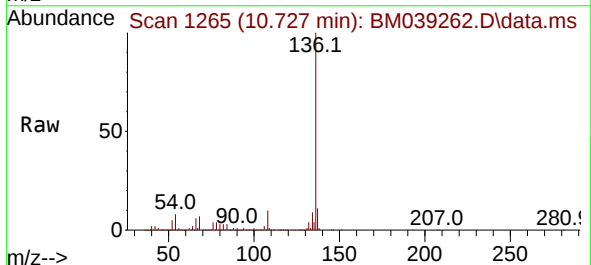
Instrument :
BNA_M
ClientSampleId :
MW-3

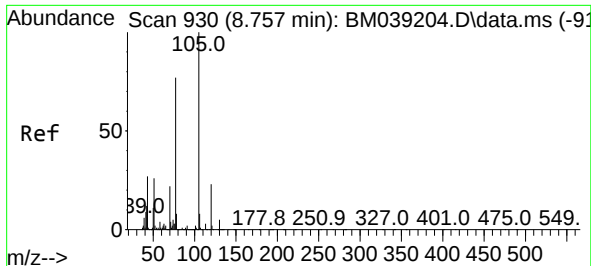
Tgt Ion: 99 Resp: 827762
Ion Ratio Lower Upper
99 100
42 17.5 13.0 19.6
71 32.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039262.D
Acq: 31 Mar 2023 20:37

Tgt Ion: 136 Resp: 924498
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.4 6.2 9.4
68 6.6 4.9 7.3

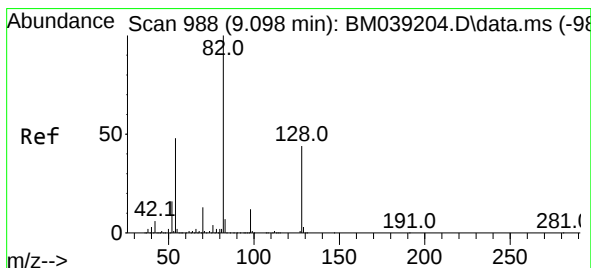
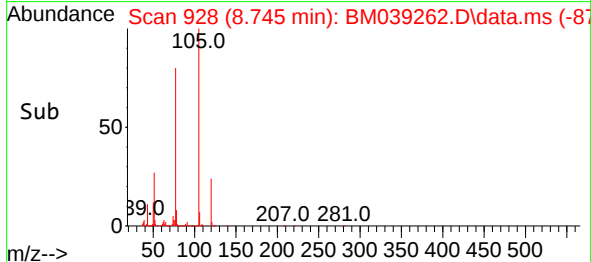
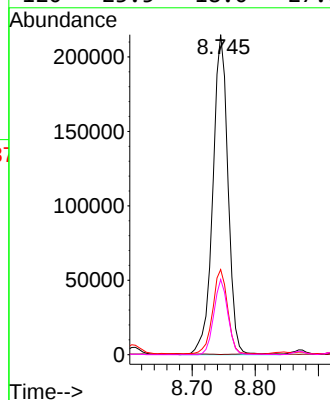
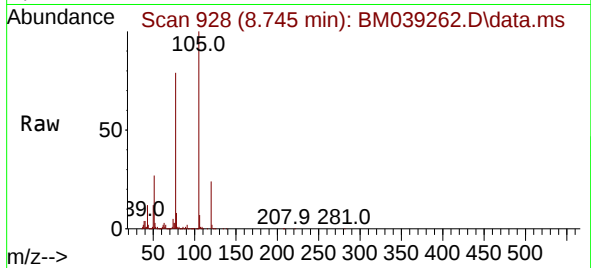




#22
Acetophenone
Concen: 14.530 ng
RT: 8.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039262.D
Acq: 31 Mar 2023 20:37

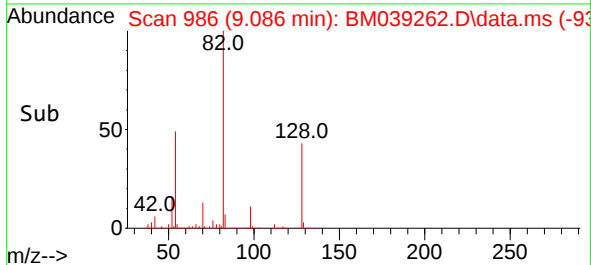
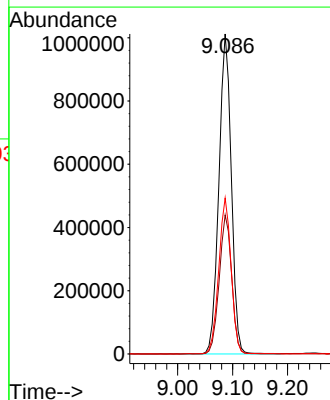
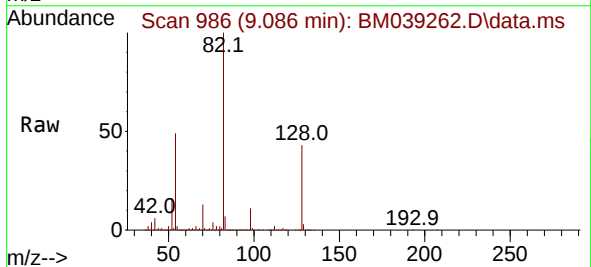
Instrument :
BNA_M
ClientSampleId :
MW-3

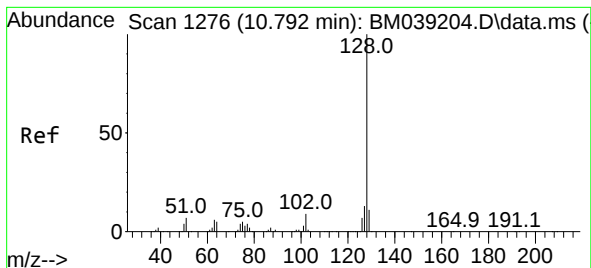
Tgt Ion:105 Resp: 359160
Ion Ratio Lower Upper
105 100
71 0.1 2.8 4.2#
51 26.6 20.6 31.0
120 23.5 18.0 27.0



#23
Nitrobenzene-d5
Concen: 83.362 ng
RT: 9.086 min Scan# 986
Delta R.T. -0.000 min
Lab File: BM039262.D
Acq: 31 Mar 2023 20:37

Tgt Ion: 82 Resp: 1585688
Ion Ratio Lower Upper
82 100
128 43.5 35.1 52.7
54 48.7 38.5 57.7





#31

Naphthalene

Concen: 2.254 ng

RT: 10.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039262.D

Acq: 31 Mar 2023 20:37

Instrument :

BNA_M

ClientSampleId :

MW-3

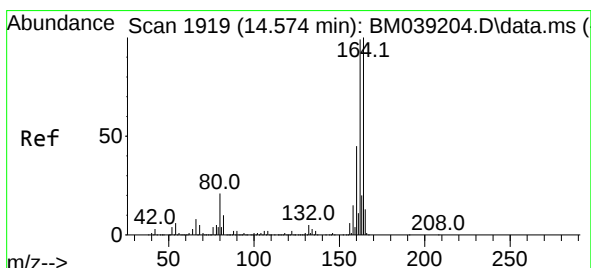
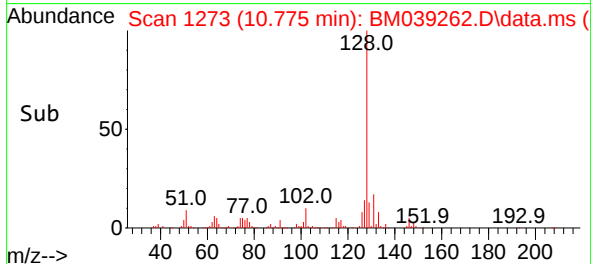
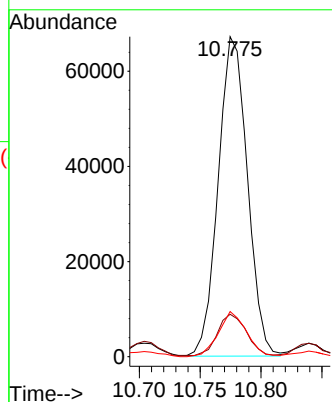
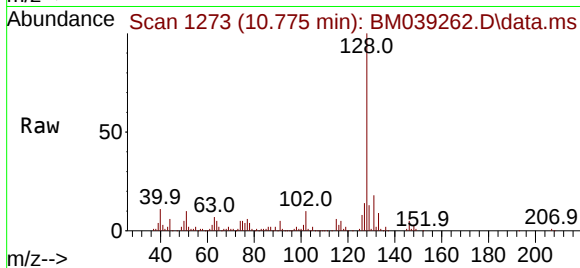
Tgt Ion:128 Resp: 112293

Ion Ratio Lower Upper

128 100

129 13.3 8.6 13.0#

127 14.1 10.3 15.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BM039262.D

Acq: 31 Mar 2023 20:37

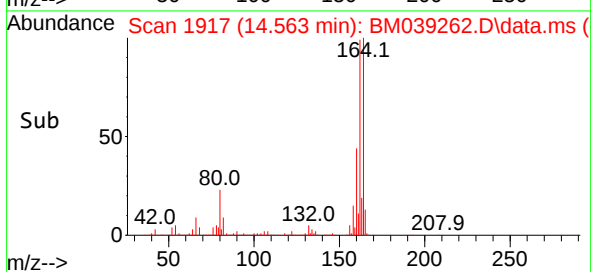
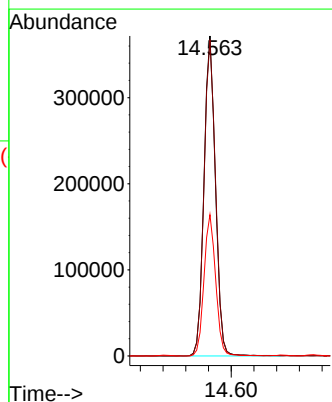
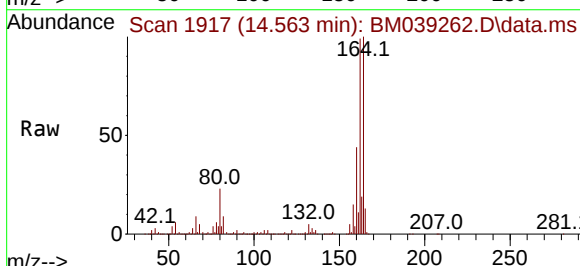
Tgt Ion:164 Resp: 518650

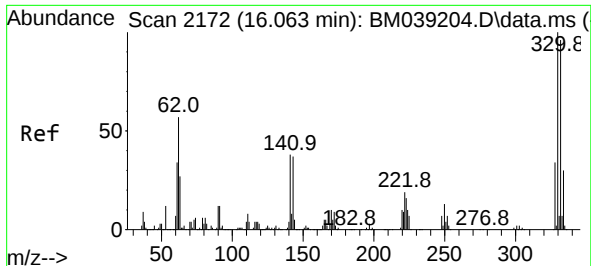
Ion Ratio Lower Upper

164 100

162 98.9 79.1 118.7

160 44.1 35.8 53.8

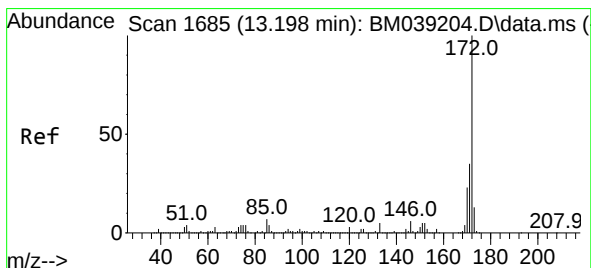
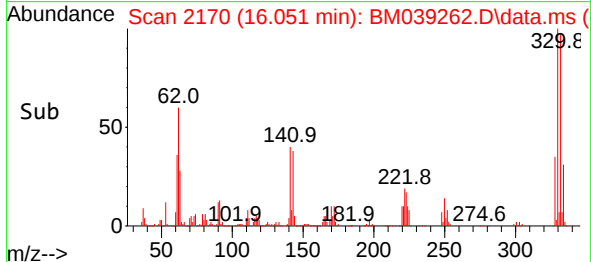
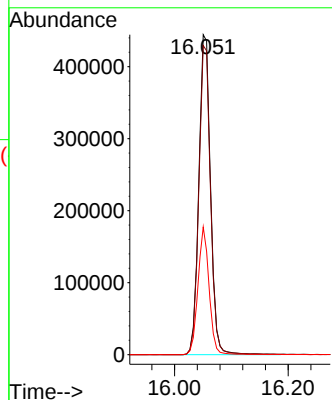
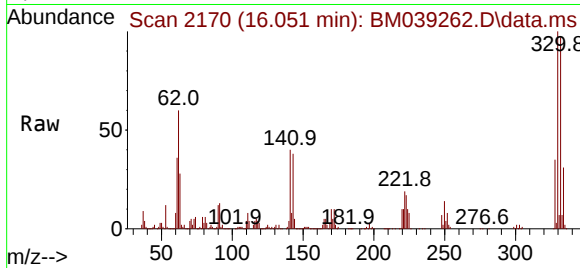




#42
2,4,6-Tribromophenol
Concen: 97.043 ng
RT: 16.051 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039262.D
Acq: 31 Mar 2023 20:37

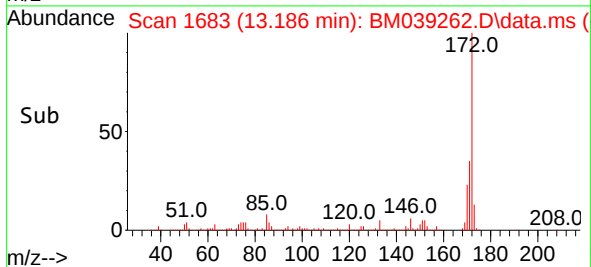
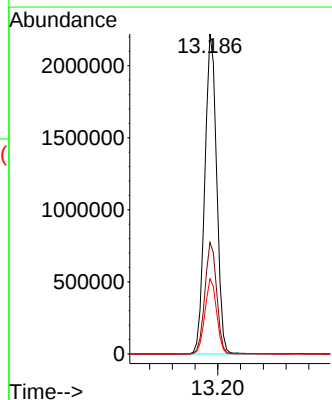
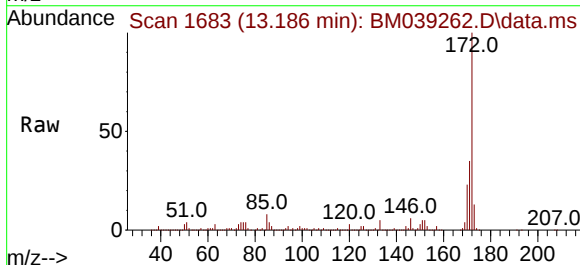
Instrument :
BNA_M
ClientSampleId :
MW-3

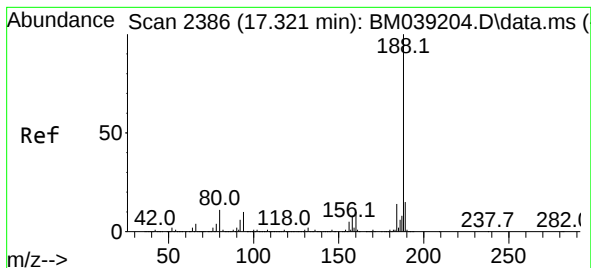
Tgt Ion:330 Resp: 638910
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 37.9 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 83.818 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039262.D
Acq: 31 Mar 2023 20:37

Tgt Ion:172 Resp: 3208504
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039262.D

Acq: 31 Mar 2023 20:37

Instrument :

BNA_M

ClientSampleId :

MW-3

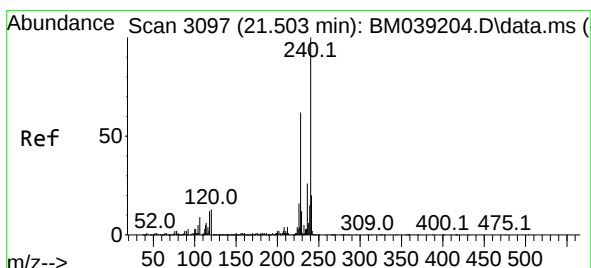
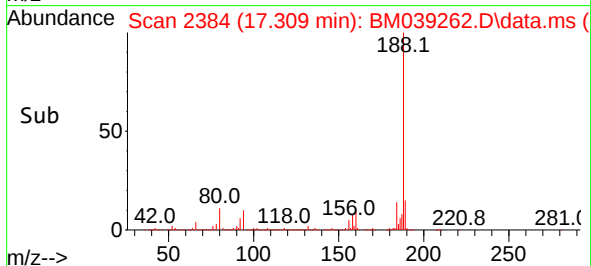
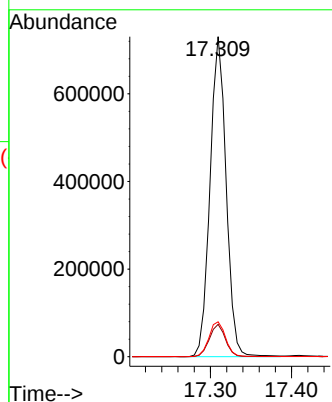
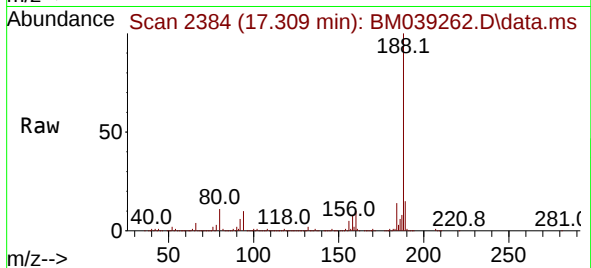
Tgt Ion:188 Resp: 1004980

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

80 10.9 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.491 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039262.D

Acq: 31 Mar 2023 20:37

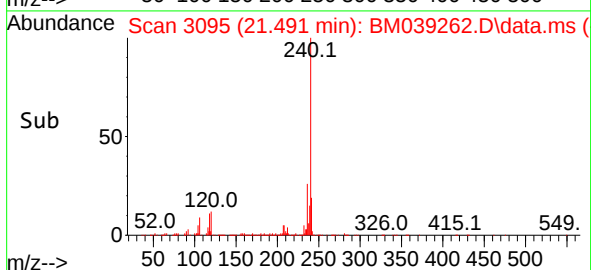
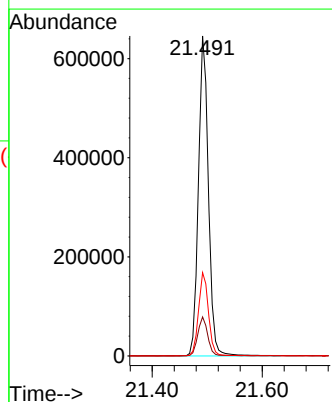
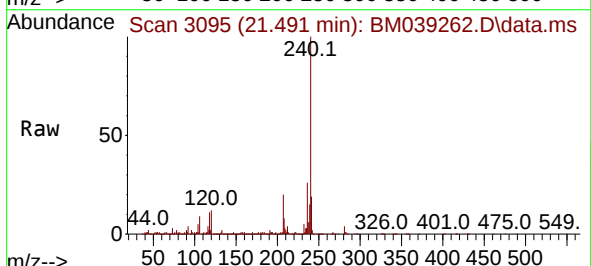
Tgt Ion:240 Resp: 815168

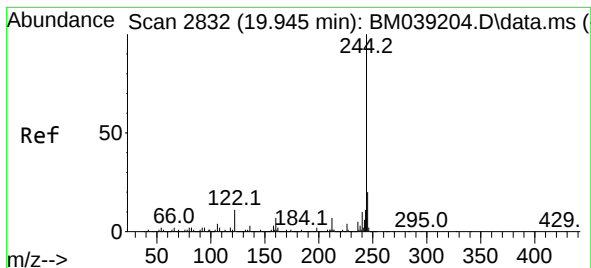
Ion Ratio Lower Upper

240 100

120 12.2 10.2 15.2

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 74.975 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039262.D

Acq: 31 Mar 2023 20:37

Instrument :

BNA_M

ClientSampleId :

MW-3

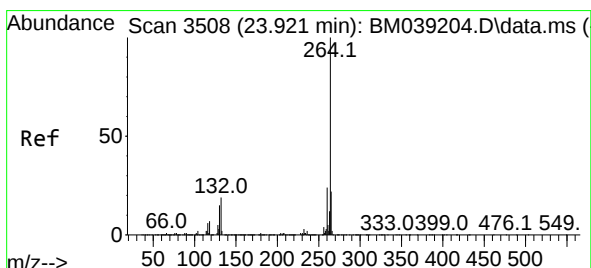
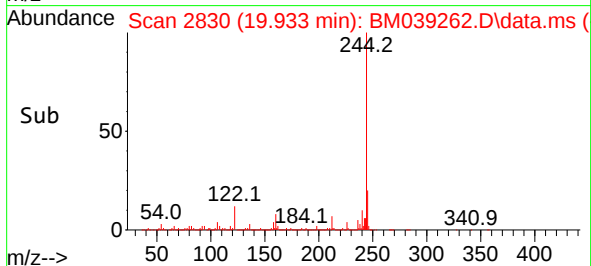
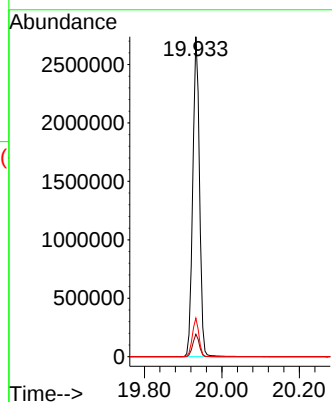
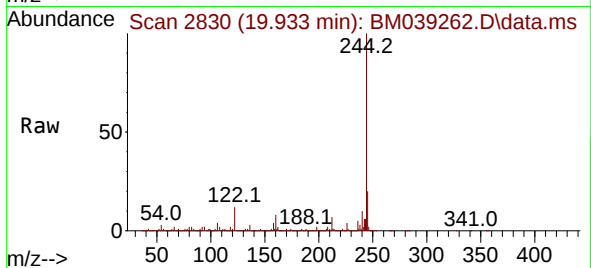
Tgt Ion:244 Resp: 3308022

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.1 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.903 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM039262.D

Acq: 31 Mar 2023 20:37

Tgt Ion:264 Resp: 950005

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.6 18.1 27.1

