

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039261.D
 Acq On : 31 Mar 2023 20:00
 Operator : CG/JU
 Sample : 02140-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02DUP

Quant Time: Apr 01 05:21:42 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	218155	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	866176	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	493088	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	960665	20.000	ng	0.00
76) Chrysene-d12	21.491	240	787269	20.000	ng	0.00
86) Perylene-d12	23.903	264	909530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	873423	60.320	ng	0.00
7) Phenol-d6	7.081	99	641034	34.227	ng	0.00
23) Nitrobenzene-d5	9.086	82	1625973	91.236	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	861959	137.709	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3348925	92.022	ng	0.00
79) Terphenyl-d14	19.933	244	3993256	93.713	ng	0.00

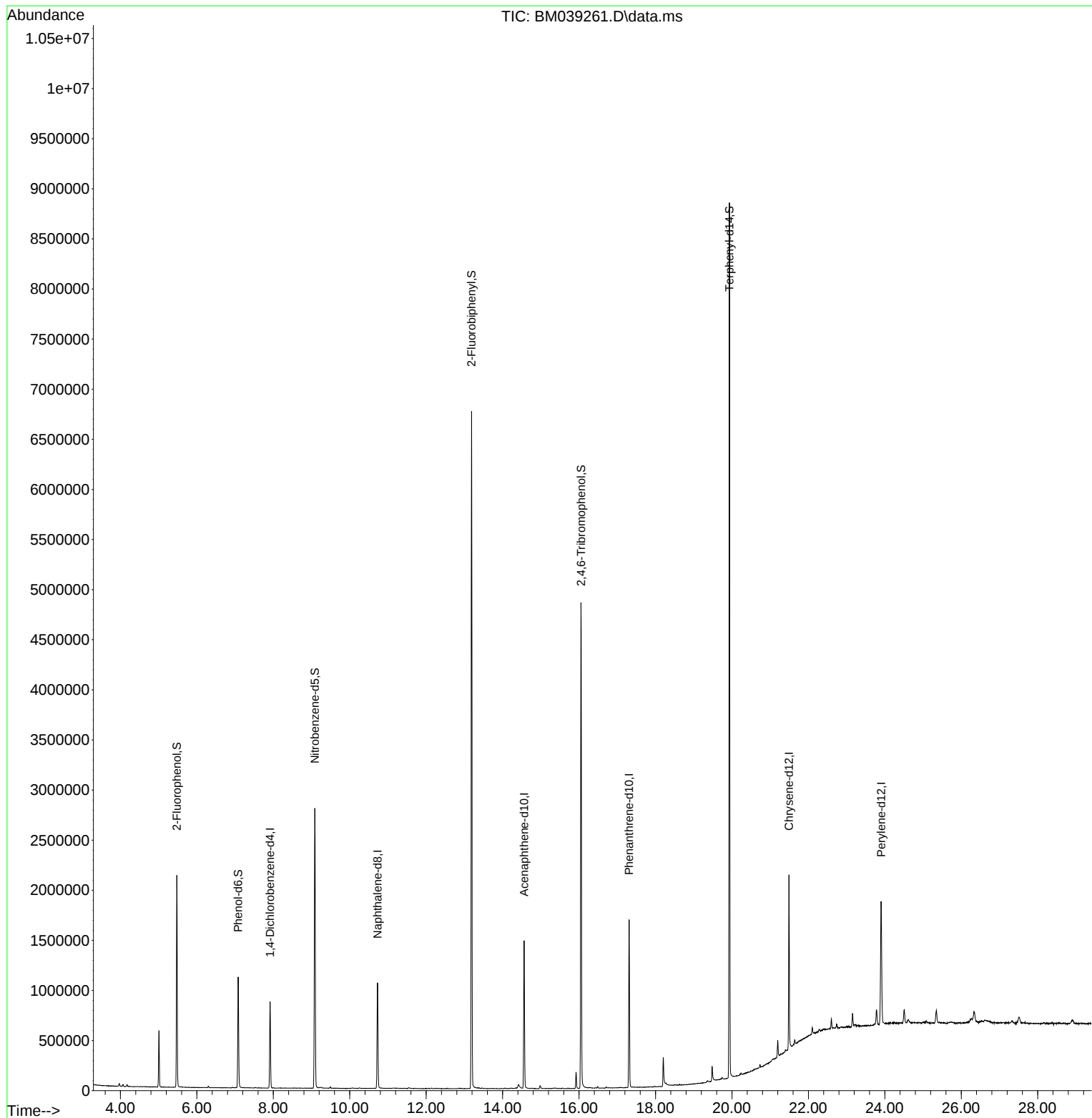
Target Compounds	Qvalue

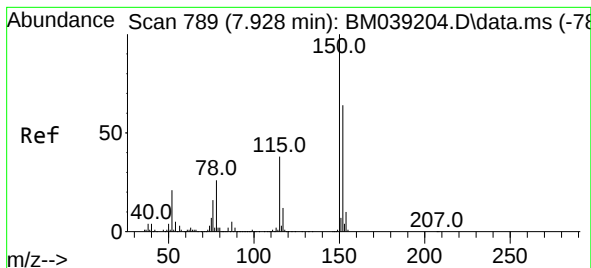
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.916 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM039261.D

Acq: 31 Mar 2023 20:00

Instrument :

BNA_M

ClientSampleId :

MW-02DUP

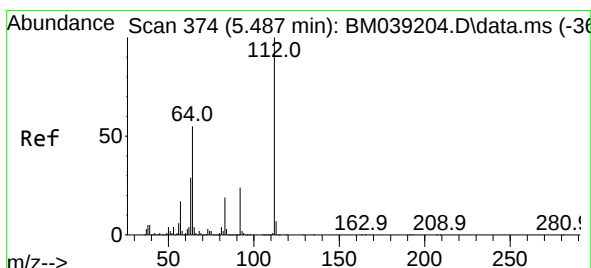
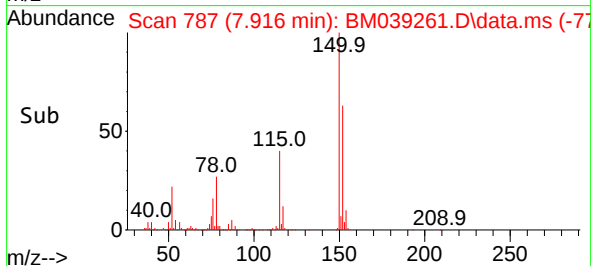
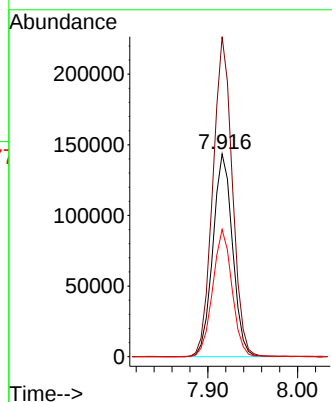
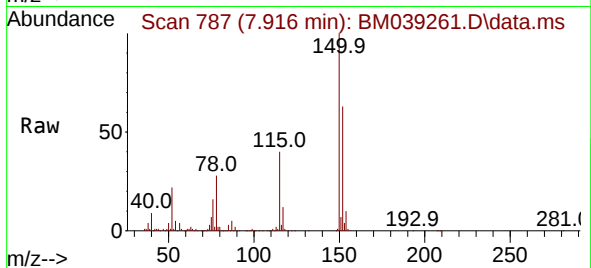
Tgt Ion:152 Resp: 218155

Ion Ratio Lower Upper

152 100

150 157.9 125.5 188.3

115 62.8 48.1 72.1



#5

2-Fluorophenol

Concen: 60.320 ng

RT: 5.475 min Scan# 372

Delta R.T. -0.000 min

Lab File: BM039261.D

Acq: 31 Mar 2023 20:00

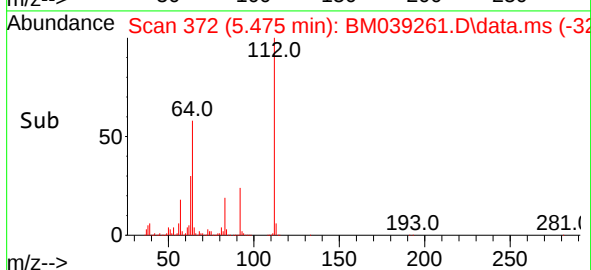
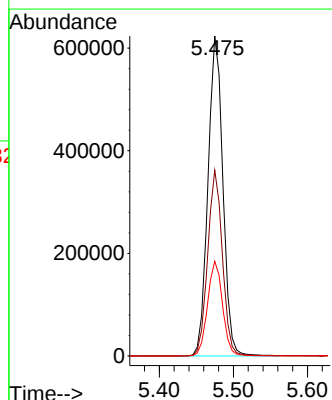
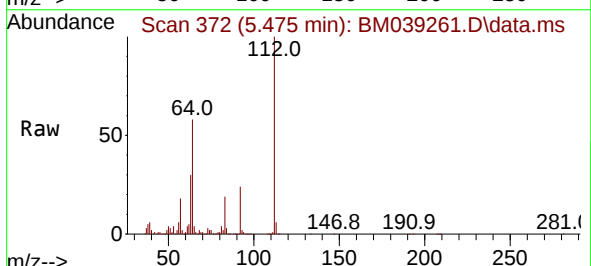
Tgt Ion:112 Resp: 873423

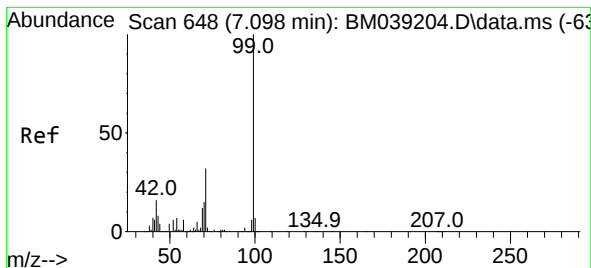
Ion Ratio Lower Upper

112 100

64 58.1 44.3 66.5

63 29.6 23.0 34.6





#7

Phenol-d6

Concen: 34.227 ng

RT: 7.081 min Scan# 64

Delta R.T. -0.006 min

Lab File: BM039261.D

Acq: 31 Mar 2023 20:00

Instrument :

BNA_M

ClientSampleId :

MW-02DUP

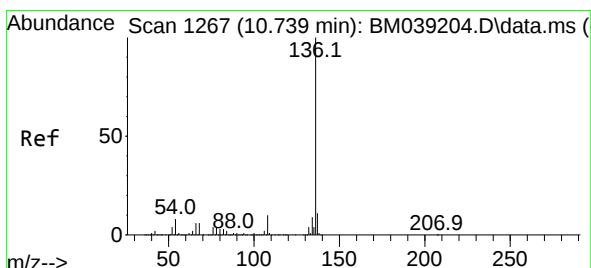
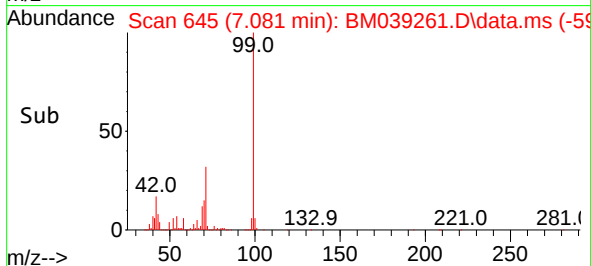
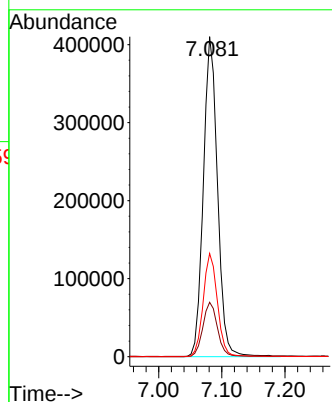
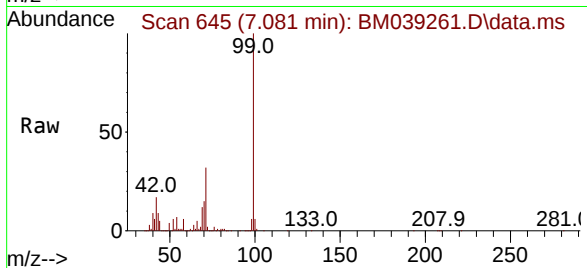
Tgt Ion: 99 Resp: 641034

Ion Ratio Lower Upper

99 100

42 17.0 13.0 19.6

71 32.2 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: BM039261.D

Acq: 31 Mar 2023 20:00

Tgt Ion: 136 Resp: 866176

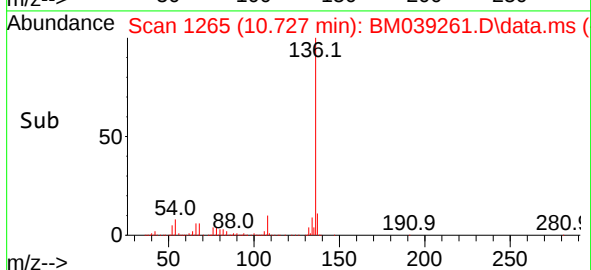
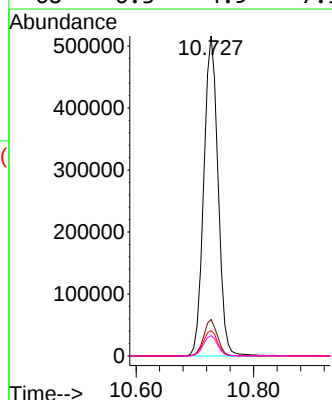
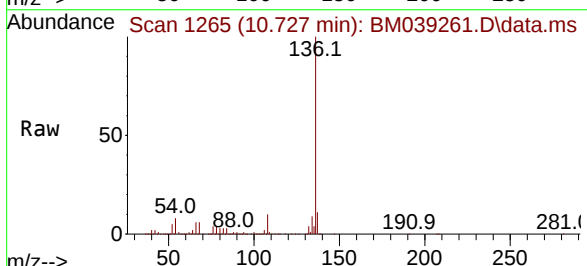
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.9 6.2 9.4

68 6.3 4.9 7.3



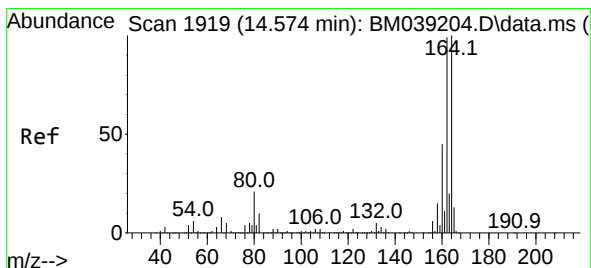
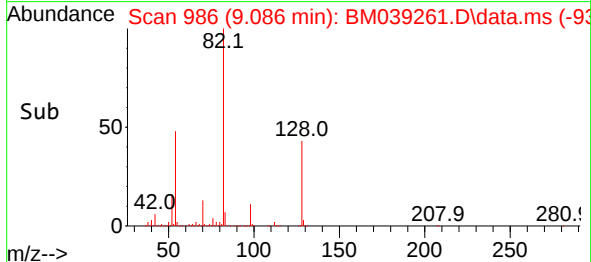
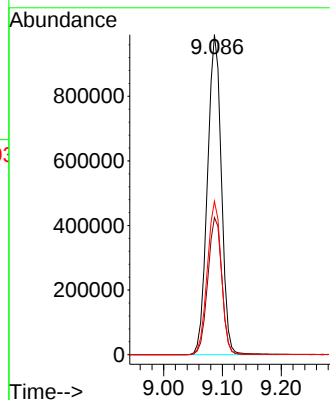
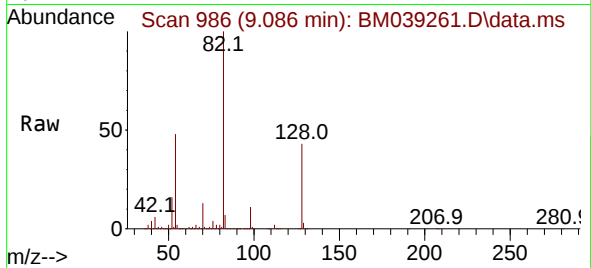


#23
Nitrobenzene-d5
Concen: 91.236 ng
RT: 9.086 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039261.D
Acq: 31 Mar 2023 20:00

Instrument :
BNA_M
ClientSampleId :
MW-02DUP

Tgt Ion: 82 Resp: 1625973

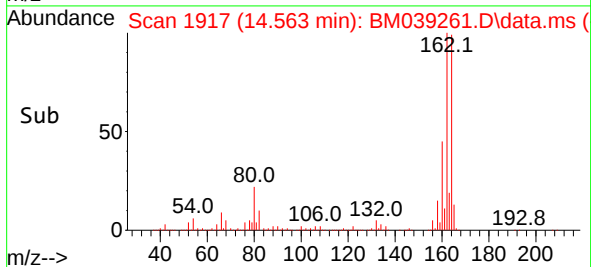
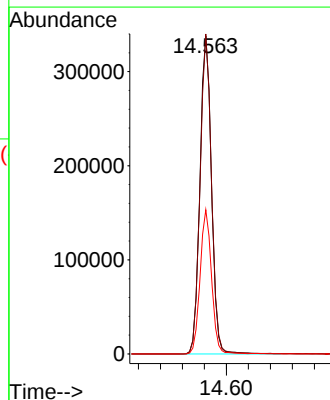
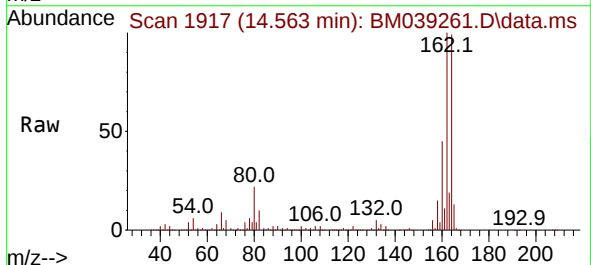
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.1	52.7
54	47.9	38.5	57.7

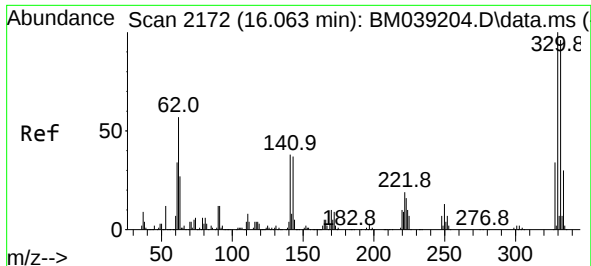


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039261.D
Acq: 31 Mar 2023 20:00

Tgt Ion: 164 Resp: 493088

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.1	118.7
160	45.3	35.8	53.8

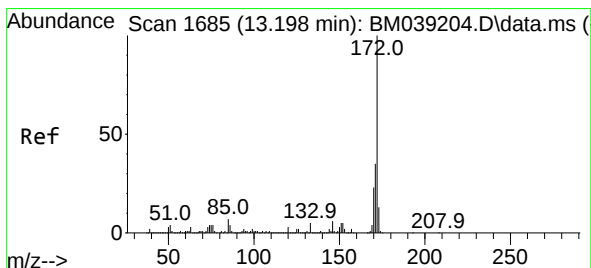
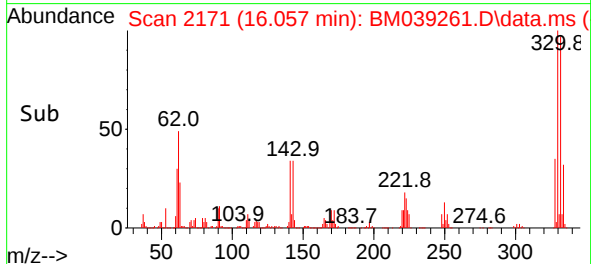
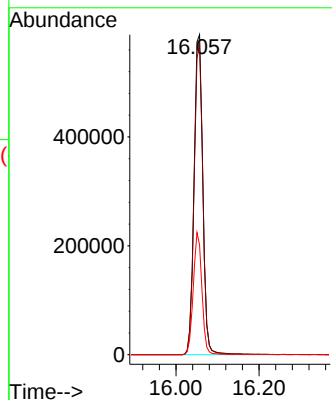
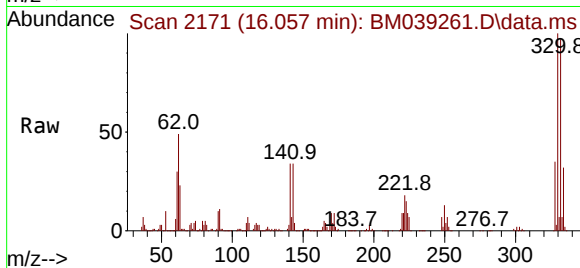




#42
2,4,6-Tribromophenol
Concen: 137.709 ng
RT: 16.057 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039261.D
Acq: 31 Mar 2023 20:00

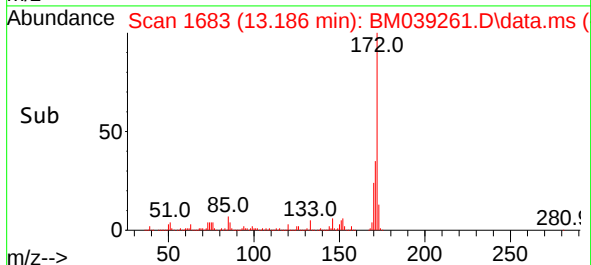
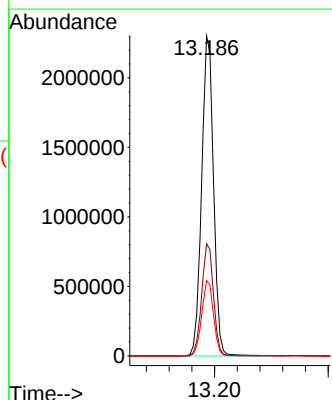
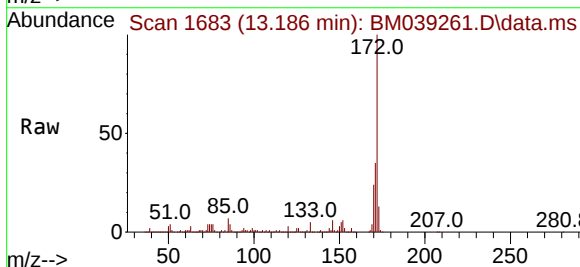
Instrument :
BNA_M
ClientSampleId :
MW-02DUP

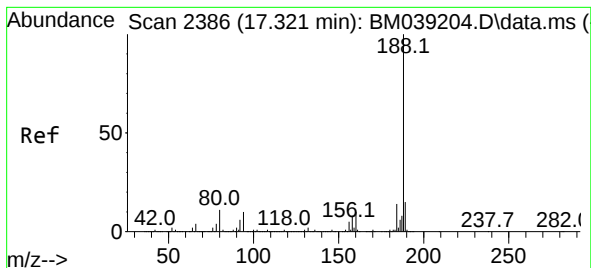
Tgt Ion:330 Resp: 861959
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.4 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 92.022 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039261.D
Acq: 31 Mar 2023 20:00

Tgt Ion:172 Resp: 3348925
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.6 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: BM039261.D

Acq: 31 Mar 2023 20:00

Instrument :

BNA_M

ClientSampleId :

MW-02DUP

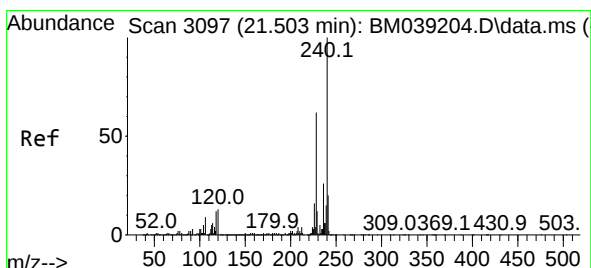
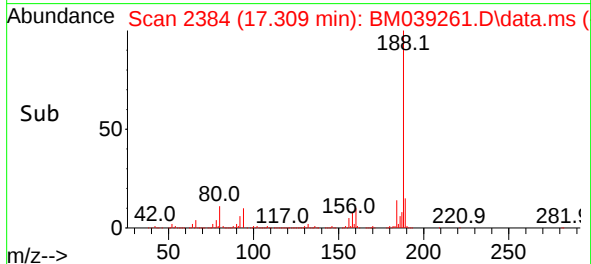
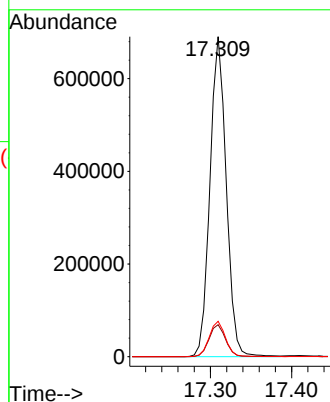
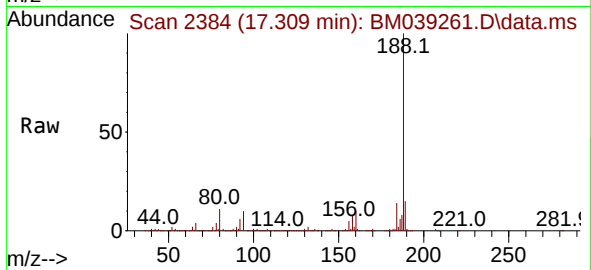
Tgt Ion:188 Resp: 960665

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 11.1 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: BM039261.D

Acq: 31 Mar 2023 20:00

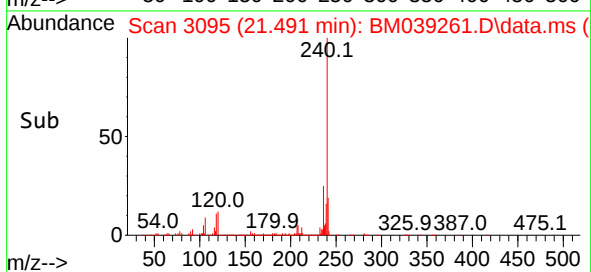
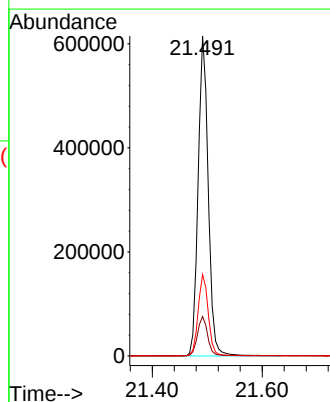
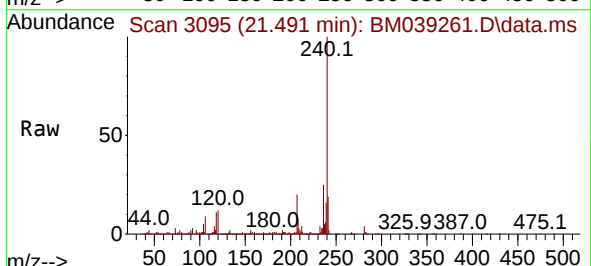
Tgt Ion:240 Resp: 787269

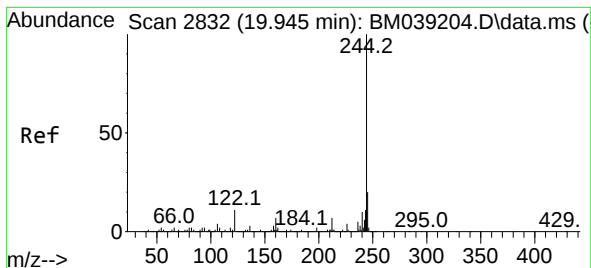
Ion Ratio Lower Upper

240 100

120 12.4 10.2 15.2

236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 93.713 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039261.D

Acq: 31 Mar 2023 20:00

Instrument :

BNA_M

ClientSampleId :

MW-02DUP

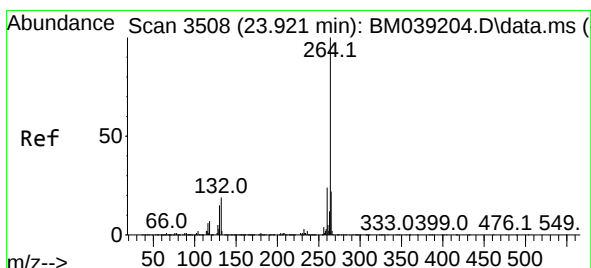
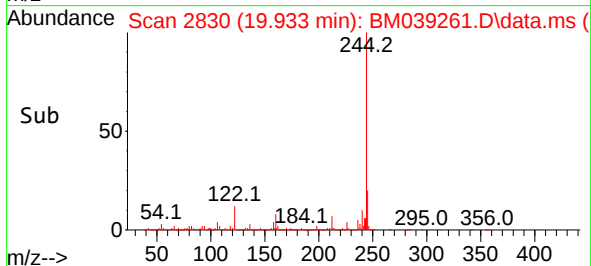
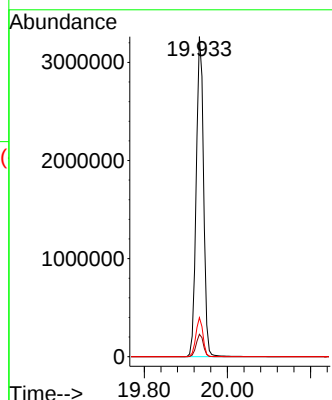
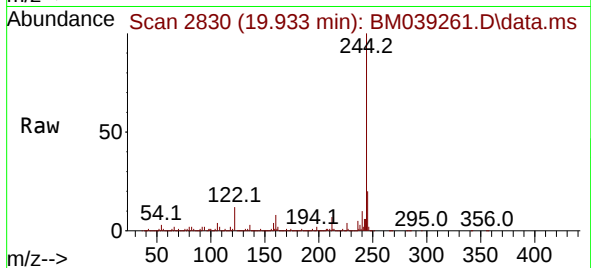
Tgt Ion:244 Resp: 3993256

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.2 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: BM039261.D

Acq: 31 Mar 2023 20:00

Tgt Ion:264 Resp: 909530

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.6 18.1 27.1

