

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039260.D
 Acq On : 31 Mar 2023 19:23
 Operator : CG/JU
 Sample : 02140-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02

Quant Time: Apr 01 05:21:30 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	203633	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	807614	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	460903	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	912643	20.000	ng	0.00
76) Chrysene-d12	21.492	240	773250	20.000	ng	0.00
86) Perylene-d12	23.904	264	891674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	855479	63.294	ng	0.00
7) Phenol-d6	7.081	99	636525	36.410	ng	0.00
23) Nitrobenzene-d5	9.087	82	1547252	93.114	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	820159	140.181	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3208474	94.319	ng	0.00
79) Terphenyl-d14	19.933	244	3883336	92.786	ng	0.00

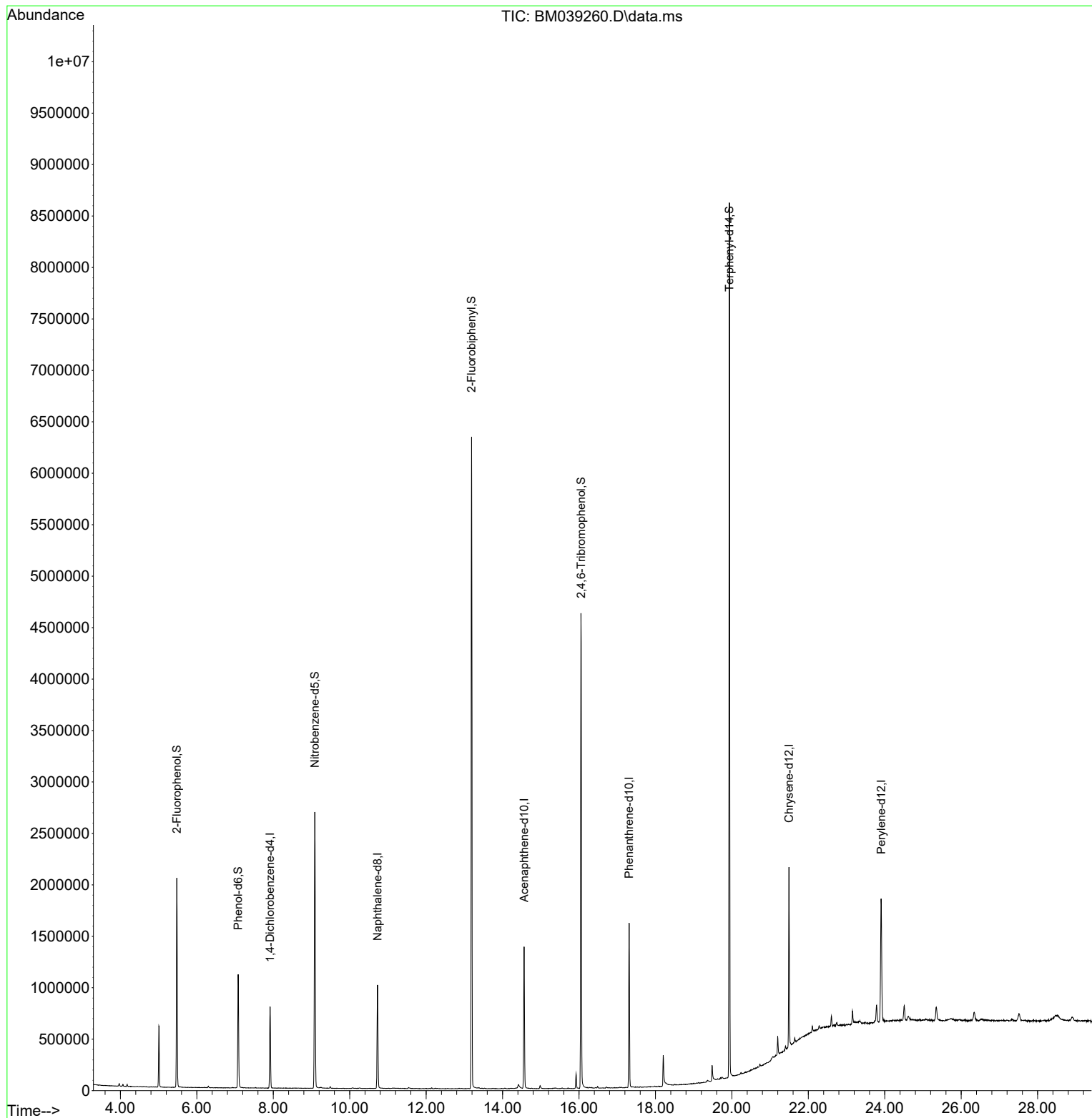
Target Compounds	Qvalue

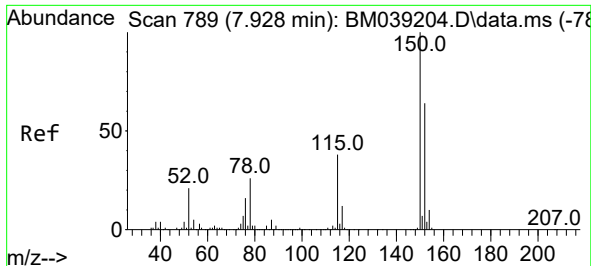
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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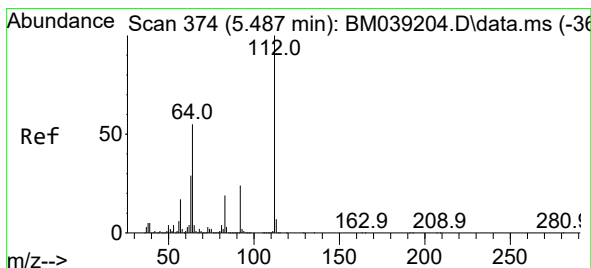
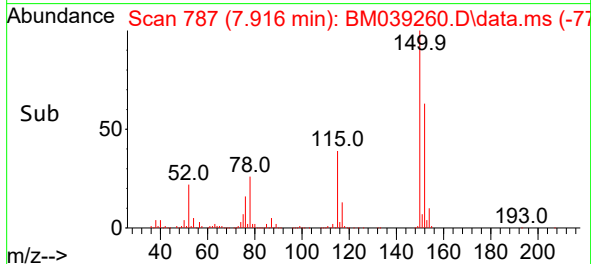
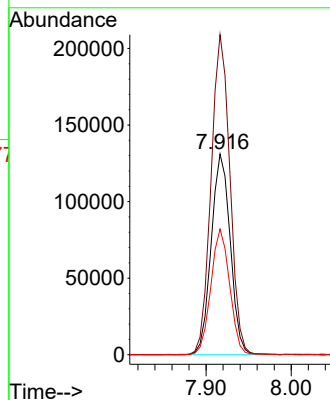
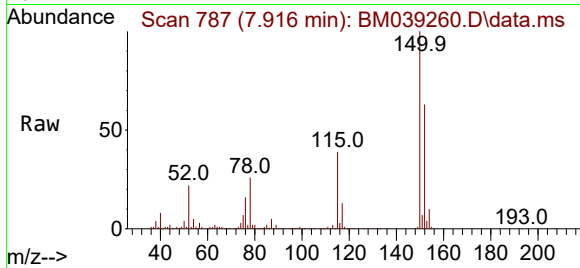




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM039260.D
Acq: 31 Mar 2023 19:23

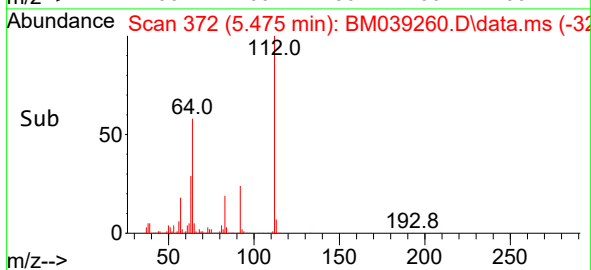
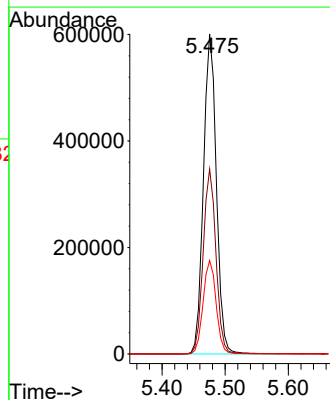
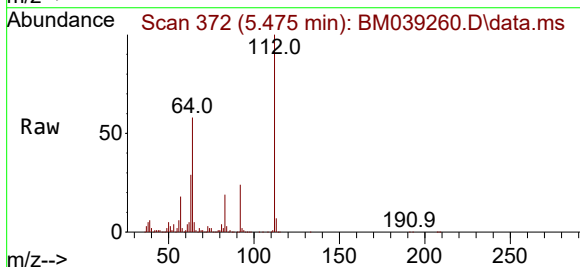
Instrument :
BNA_M
ClientSampleId :
MW-02

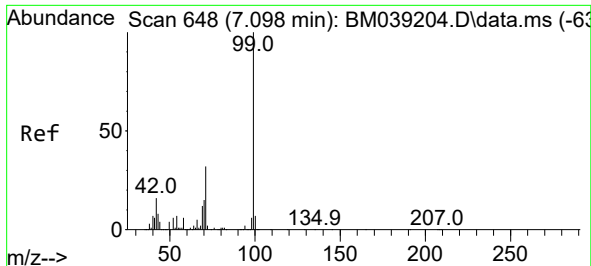
Tgt Ion:152 Resp: 203633
Ion Ratio Lower Upper
152 100
150 159.5 125.5 188.3
115 62.6 48.1 72.1



#5
2-Fluorophenol
Concen: 63.294 ng
RT: 5.475 min Scan# 372
Delta R.T. -0.000 min
Lab File: BM039260.D
Acq: 31 Mar 2023 19:23

Tgt Ion:112 Resp: 855479
Ion Ratio Lower Upper
112 100
64 57.8 44.3 66.5
63 29.2 23.0 34.6

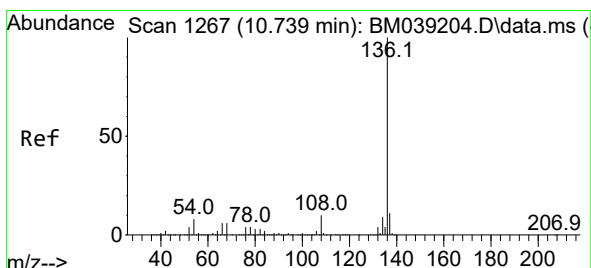
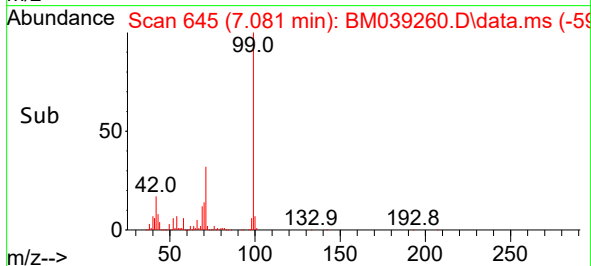
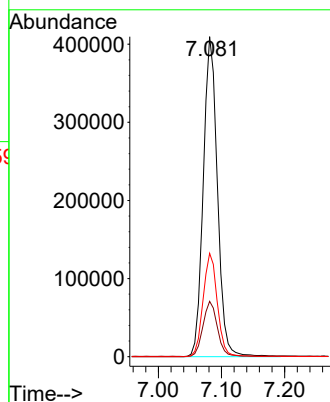
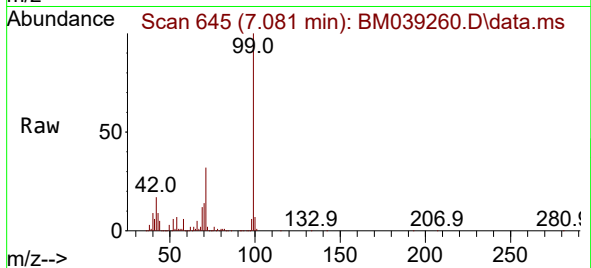




#7
Phenol-d6
Concen: 36.410 ng
RT: 7.081 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039260.D
Acq: 31 Mar 2023 19:23

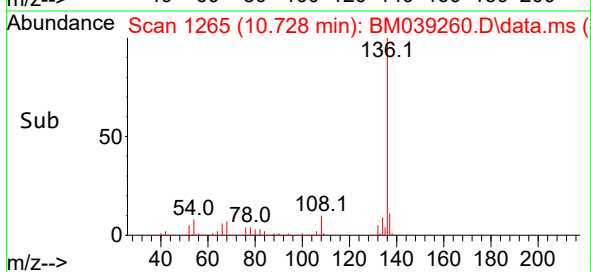
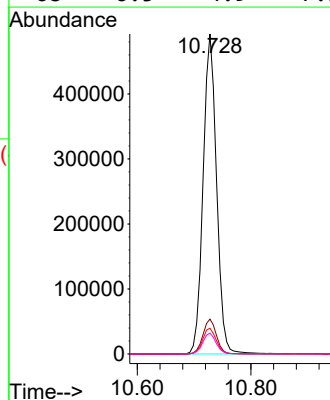
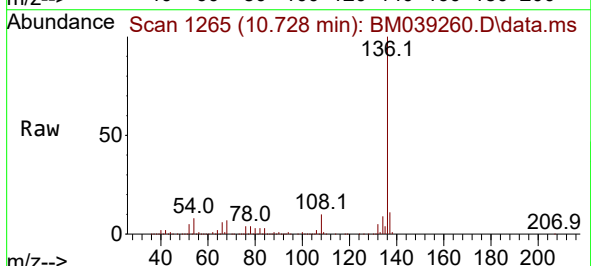
Instrument :
BNA_M
ClientSampleId :
MW-02

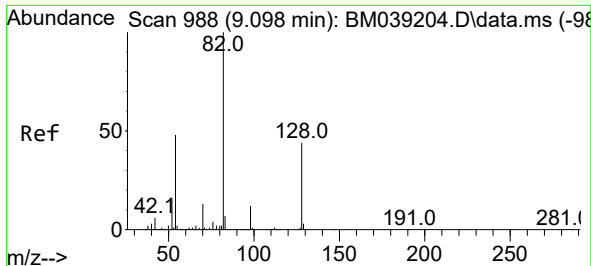
Tgt Ion: 99 Resp: 636525
Ion Ratio Lower Upper
99 100
42 17.3 13.0 19.6
71 32.3 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039260.D
Acq: 31 Mar 2023 19:23

Tgt Ion: 136 Resp: 807614
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 6.2 9.4
68 6.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 93.114 ng

RT: 9.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039260.D

Acq: 31 Mar 2023 19:23

Instrument :

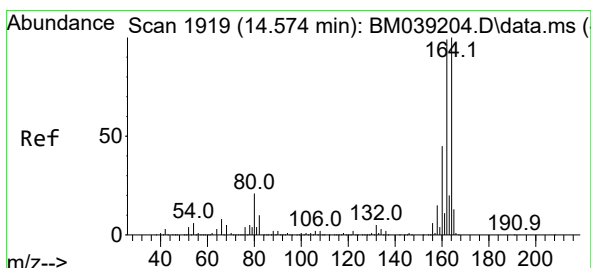
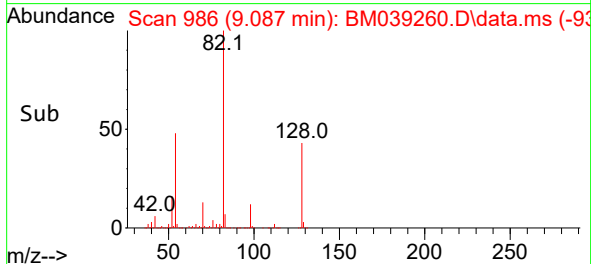
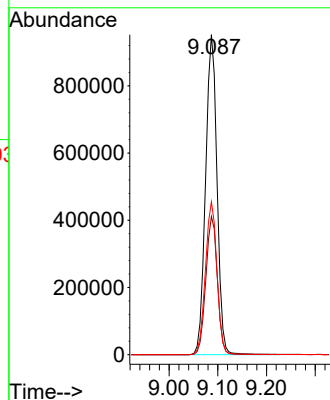
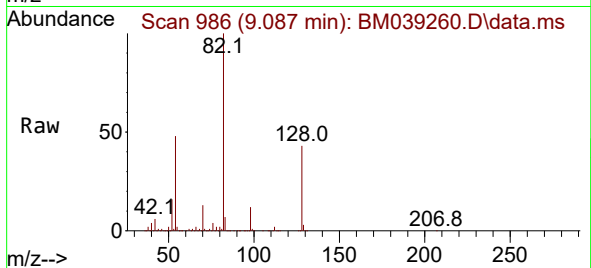
BNA_M

ClientSampleId :

MW-02

Tgt Ion: 82 Resp: 1547252

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.1	52.7
54	47.7	38.5	57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

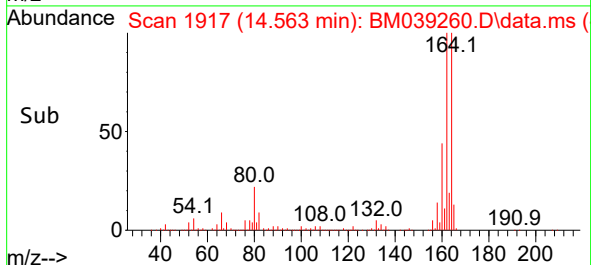
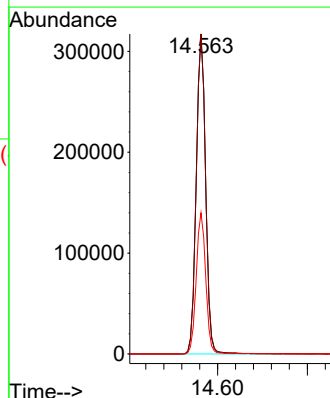
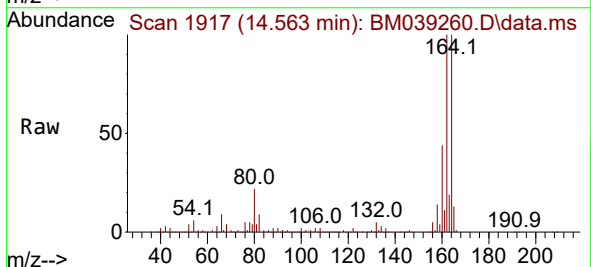
Delta R.T. -0.000 min

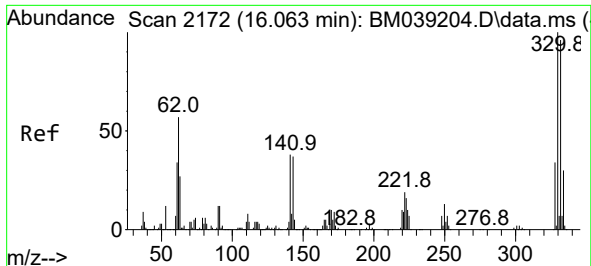
Lab File: BM039260.D

Acq: 31 Mar 2023 19:23

Tgt Ion: 164 Resp: 460903

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.1	118.7
160	44.1	35.8	53.8

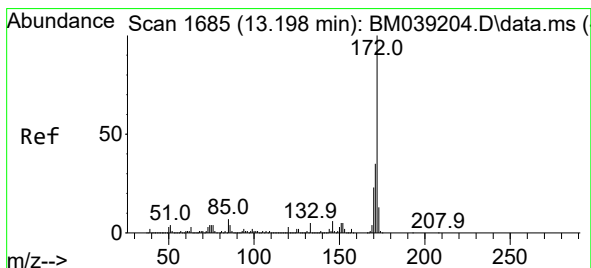
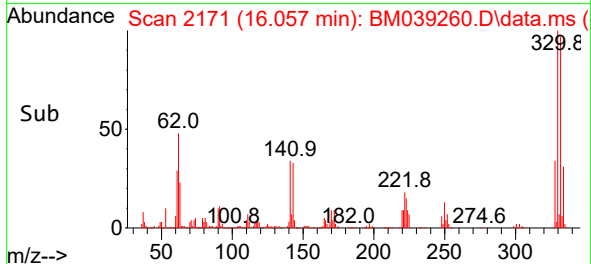
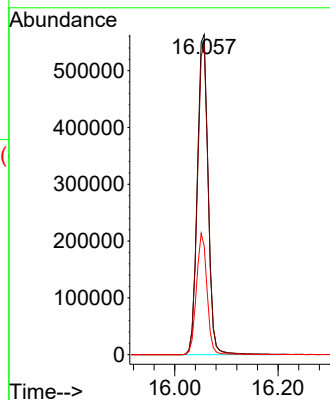
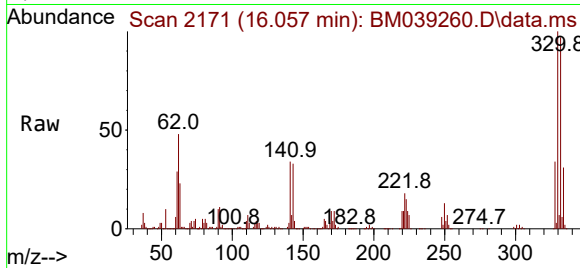




#42
2,4,6-Tribromophenol
Concen: 140.181 ng
RT: 16.057 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039260.D
Acq: 31 Mar 2023 19:23

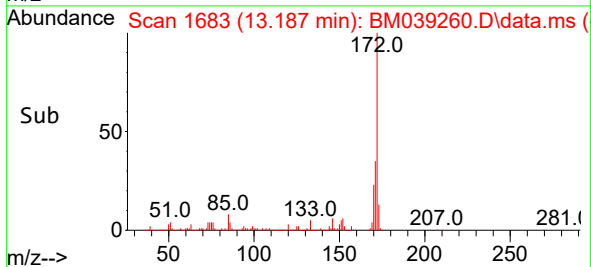
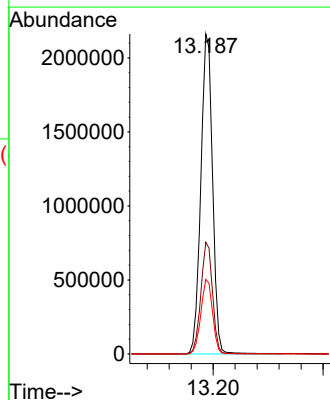
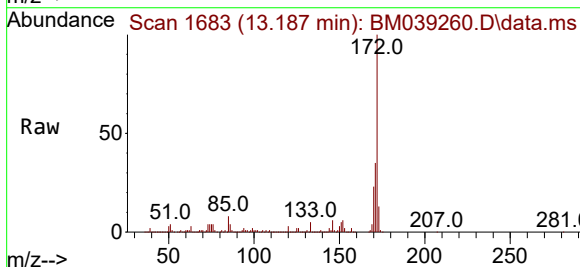
Instrument :
BNA_M
ClientSampleId :
MW-02

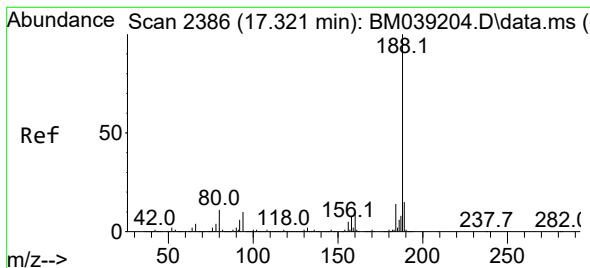
Tgt Ion:330 Resp: 820159
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 37.2 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 94.319 ng
RT: 13.187 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039260.D
Acq: 31 Mar 2023 19:23

Tgt Ion:172 Resp: 3208474
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039260.D

Acq: 31 Mar 2023 19:23

Instrument :

BNA_M

ClientSampleId :

MW-02

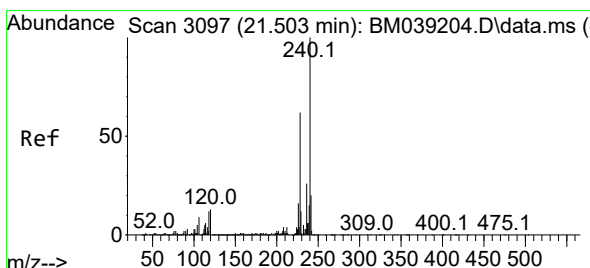
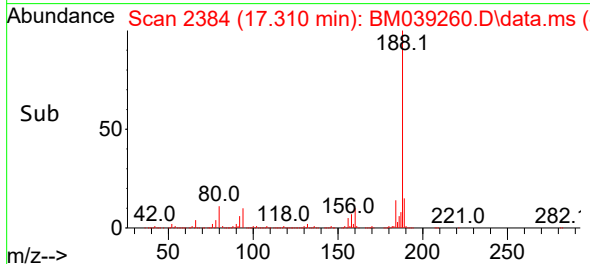
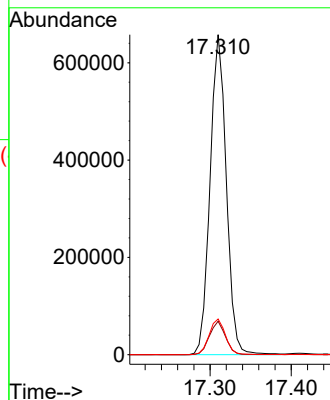
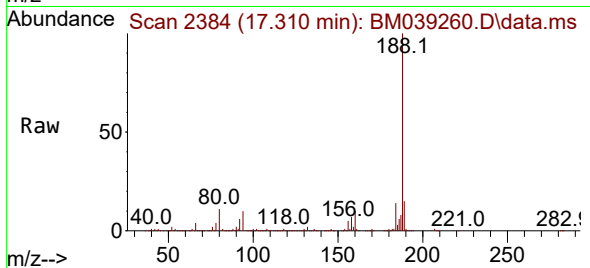
Tgt Ion:188 Resp: 912643

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

80 11.1 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039260.D

Acq: 31 Mar 2023 19:23

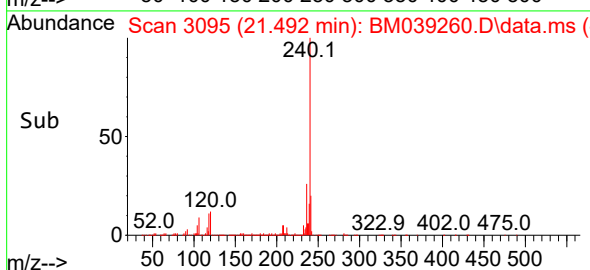
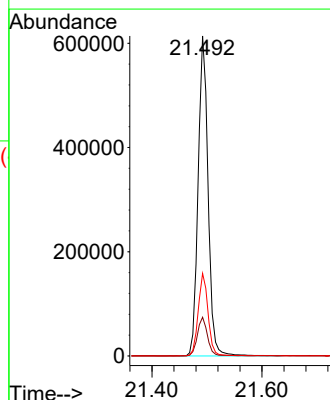
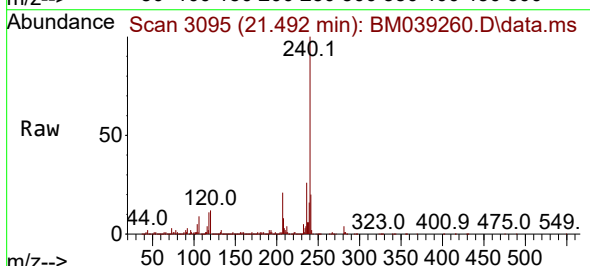
Tgt Ion:240 Resp: 773250

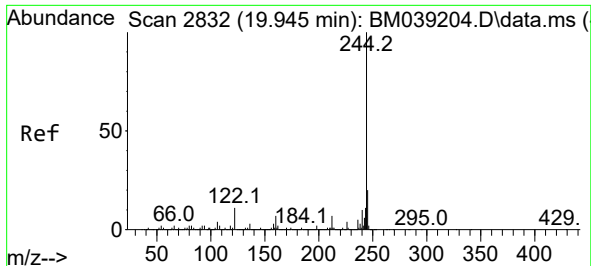
Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.2

236 25.8 20.9 31.3

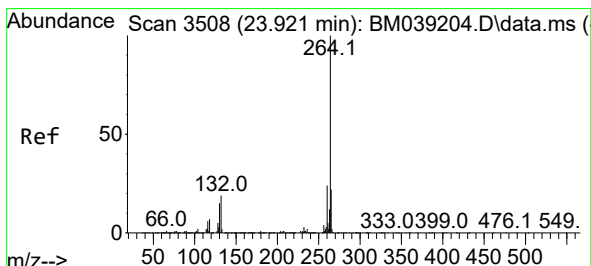
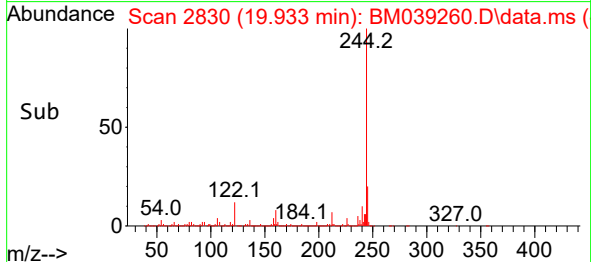
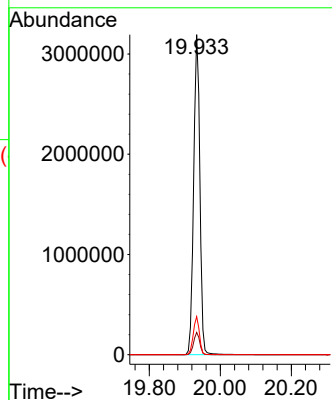
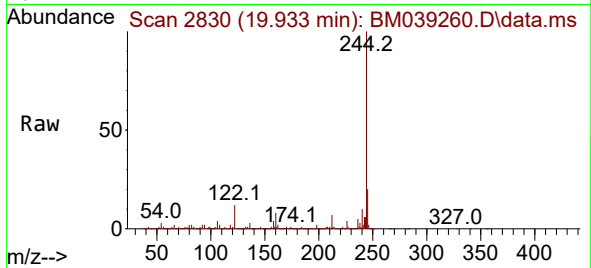




#79
 Terphenyl-d14
 Concen: 92.786 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039260.D
 Acq: 31 Mar 2023 19:23

Instrument :
 BNA_M
 ClientSampleId :
 MW-02

Tgt Ion:244 Resp: 3883336
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.904 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM039260.D
 Acq: 31 Mar 2023 19:23

Tgt Ion:264 Resp: 891674
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.6 18.1 27.1

