

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
 Data File : BM039299.D
 Acq On : 04 Apr 2023 15:50
 Operator : CG/JU
 Sample : 02140-06RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02RE

Quant Time: Apr 04 17:40:55 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	7.910	152	170690	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	649436	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	366912	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	766841	20.000	ng	0.00
76) Chrysene-d12	21.492	240	811897	20.000	ng	0.00
86) Perylene-d12	23.904	264	1050587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	449332	39.660	ng	0.00
7) Phenol-d6	7.081	99	323908	22.104	ng	0.00
23) Nitrobenzene-d5	9.081	82	1313189	98.276	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	433681	93.113	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2612451	96.471	ng	0.00
79) Terphenyl-d14	19.933	244	3504853	79.757	ng	0.00

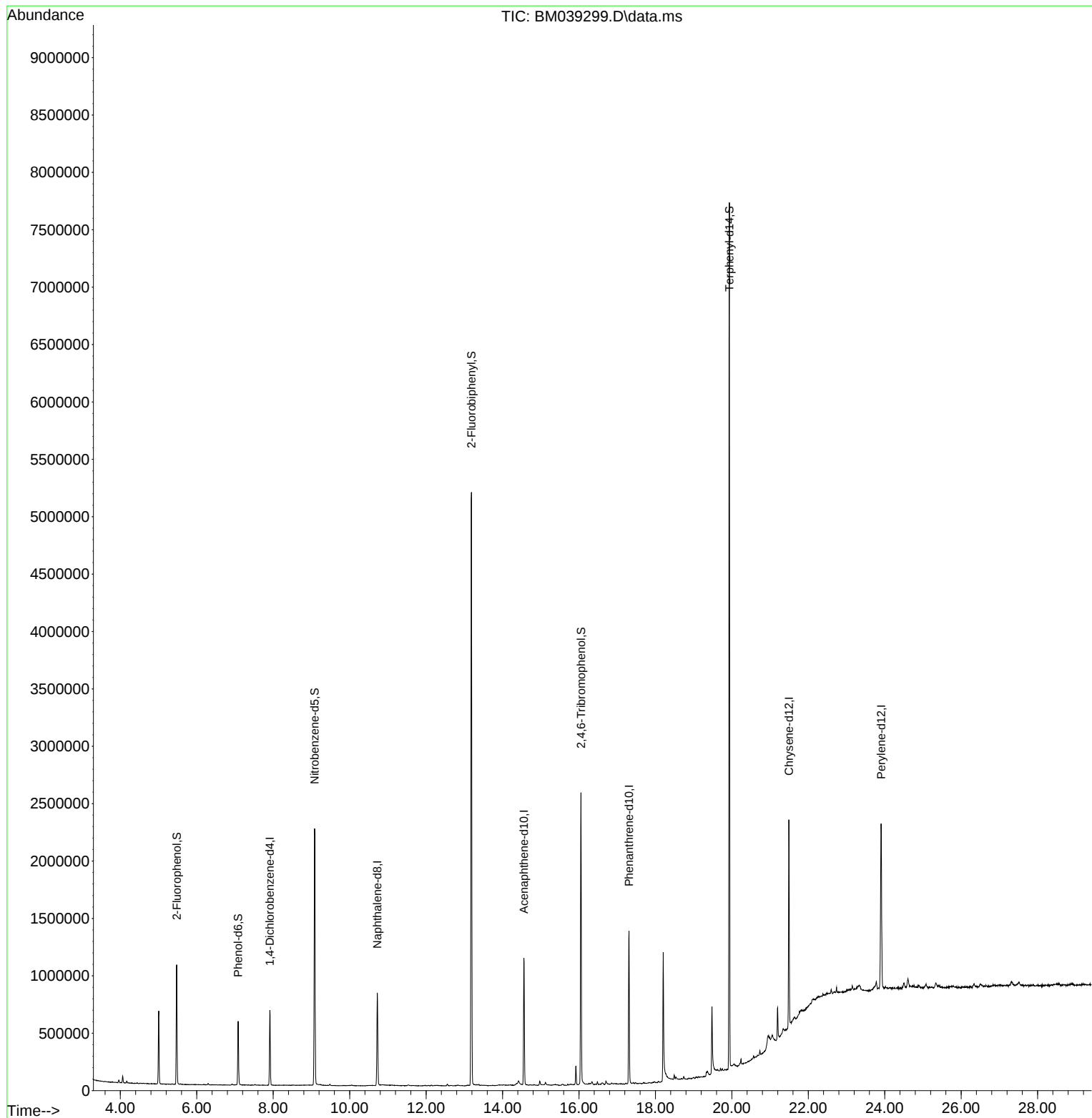
Target Compounds	Qvalue

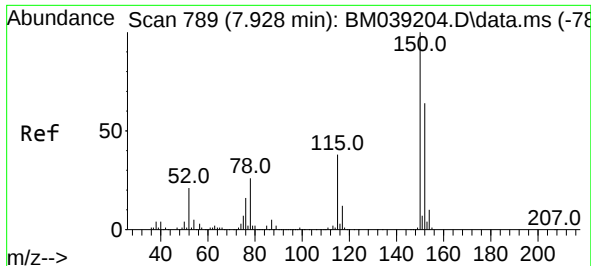
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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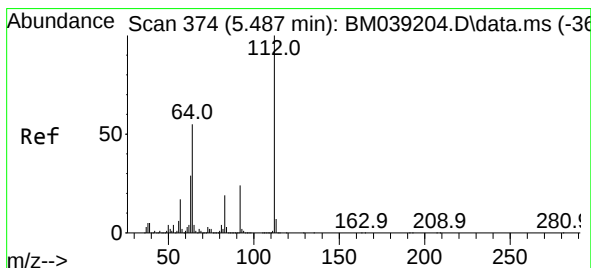
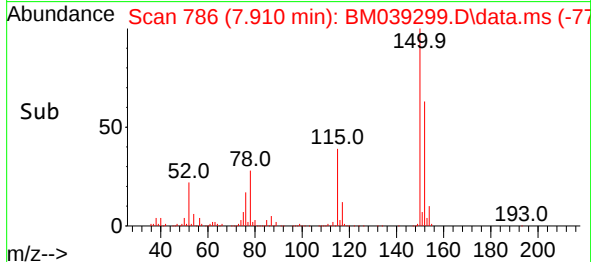
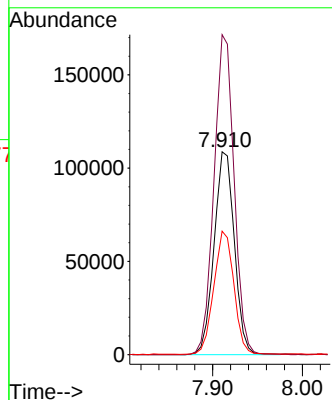
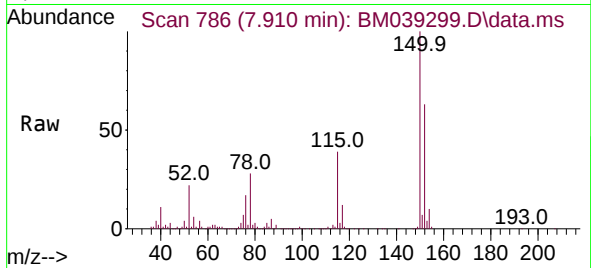




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

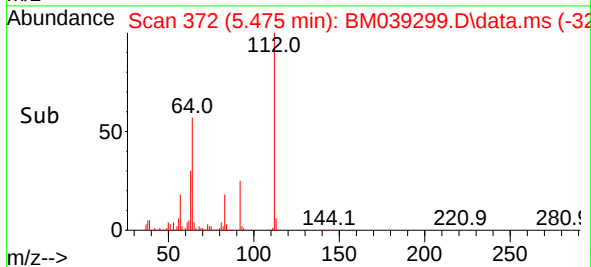
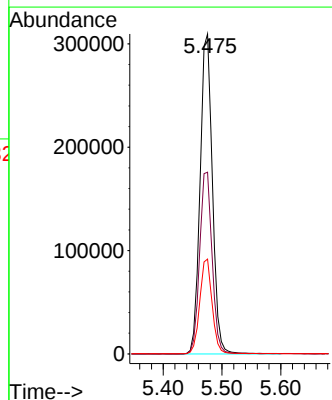
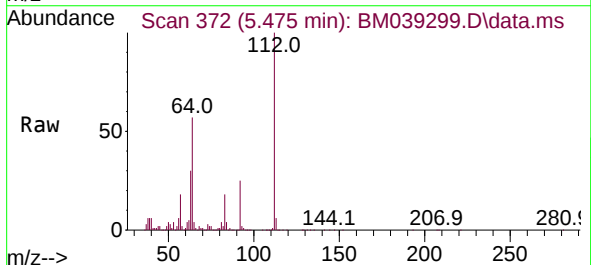
Instrument :
BNA_M
ClientSampleId :
MW-02RE

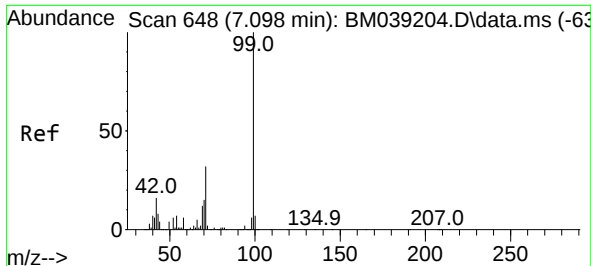
Tgt Ion:152 Resp: 170690
Ion Ratio Lower Upper
152 100
150 157.8 125.5 188.3
115 60.9 48.1 72.1



#5
2-Fluorophenol
Concen: 39.660 ng
RT: 5.475 min Scan# 372
Delta R.T. -0.000 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

Tgt Ion:112 Resp: 449332
Ion Ratio Lower Upper
112 100
64 56.8 44.3 66.5
63 29.6 23.0 34.6

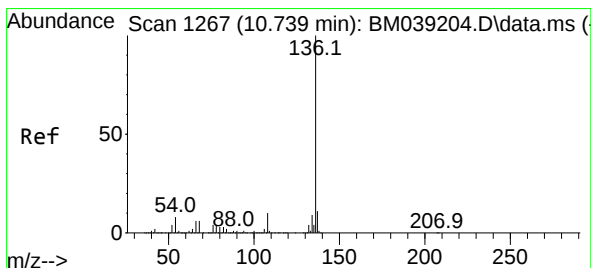
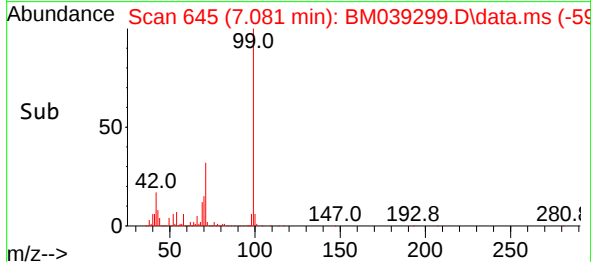
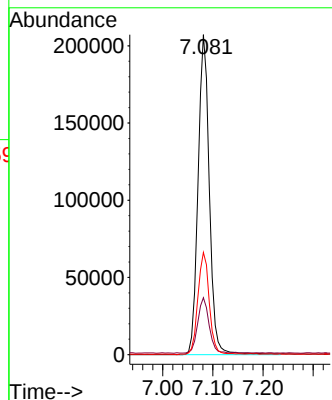
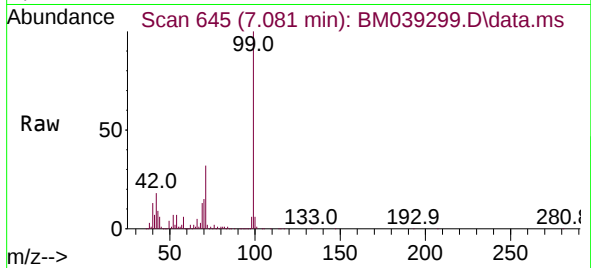




#7
Phenol-d6
Concen: 22.104 ng
RT: 7.081 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

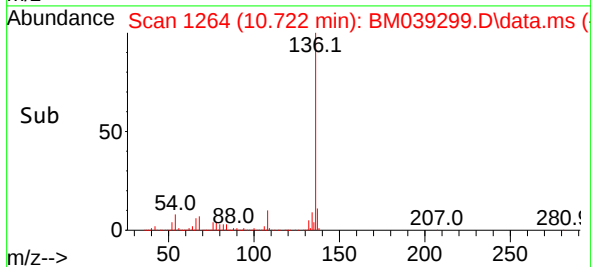
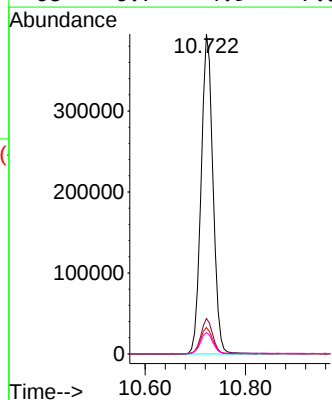
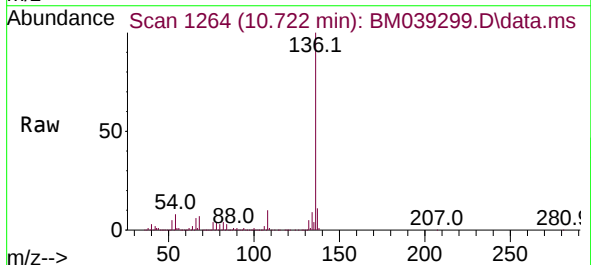
Instrument :
BNA_M
ClientSampleId :
MW-02RE

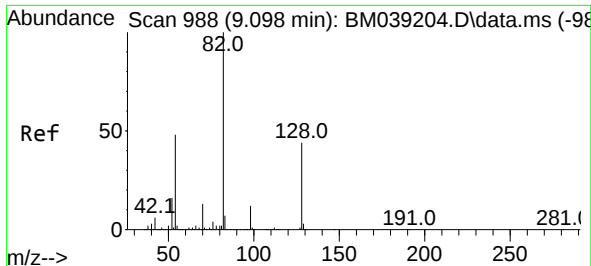
Tgt Ion: 99 Resp: 323908
Ion Ratio Lower Upper
99 100
42 17.8 13.0 19.6
71 32.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

Tgt Ion: 136 Resp: 649436
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 6.2 9.4
68 6.7 4.9 7.3

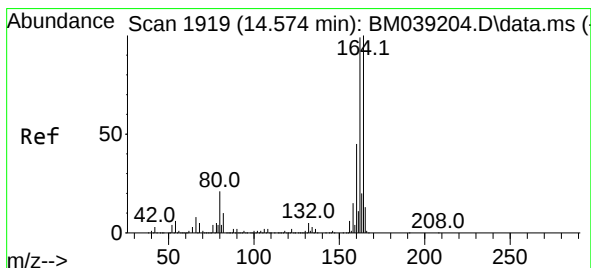
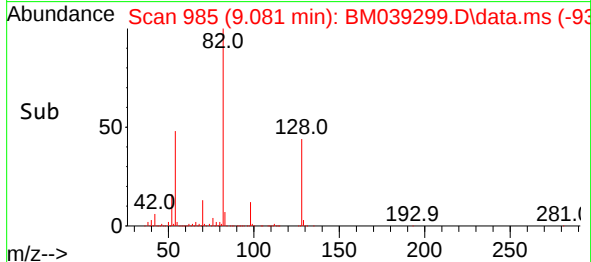
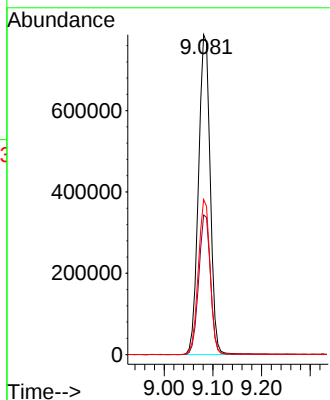
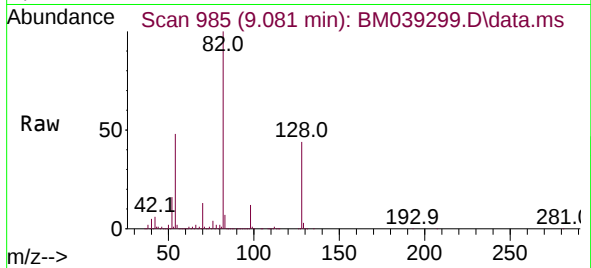




#23
Nitrobenzene-d5
Concen: 98.276 ng
RT: 9.081 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

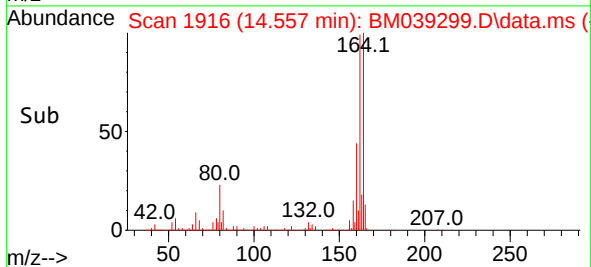
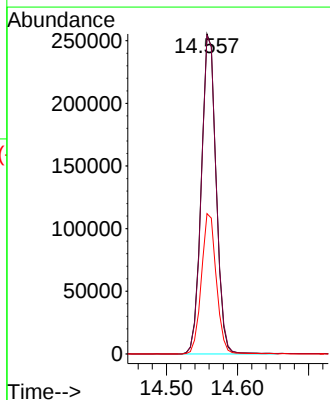
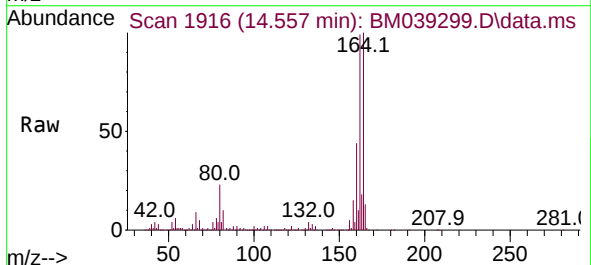
Instrument :
BNA_M
ClientSampleId :
MW-02RE

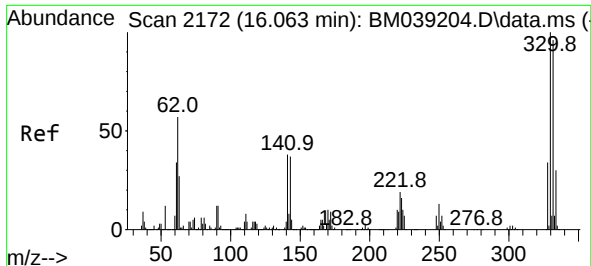
Tgt Ion: 82 Resp: 1313189
Ion Ratio Lower Upper
82 100
128 43.6 35.1 52.7
54 48.5 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

Tgt Ion: 164 Resp: 366912
Ion Ratio Lower Upper
164 100
162 99.5 79.1 118.7
160 43.8 35.8 53.8

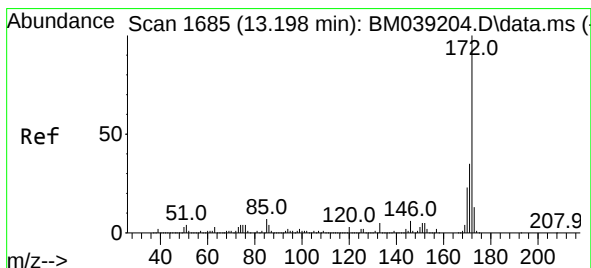
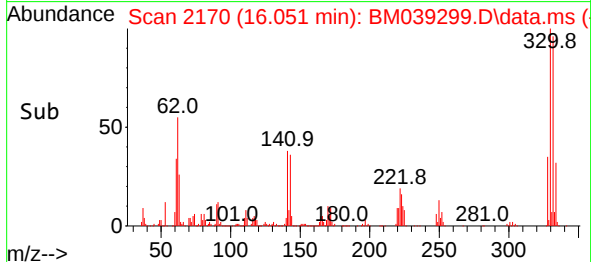
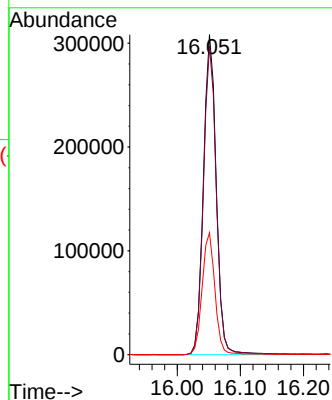
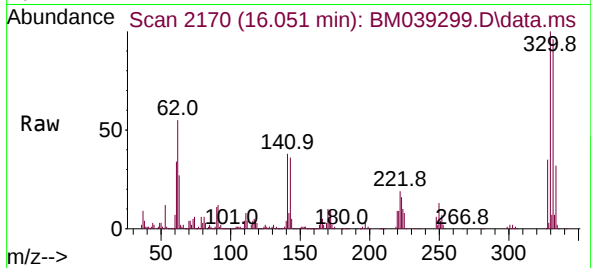




#42
2,4,6-Tribromophenol
Concen: 93.113 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

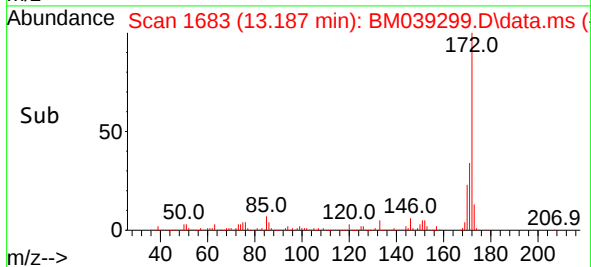
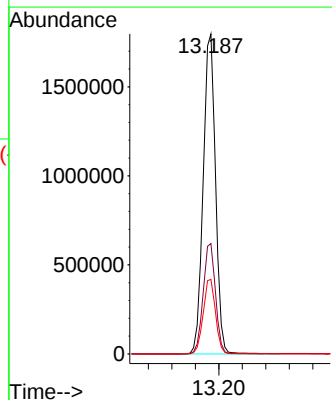
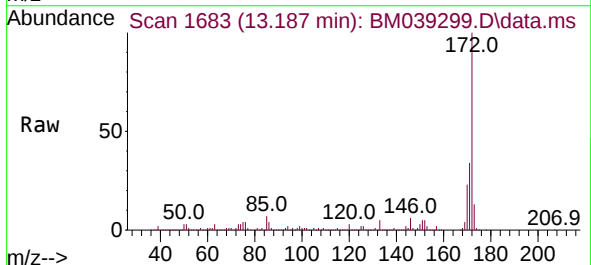
Instrument :
BNA_M
ClientSampleId :
MW-02RE

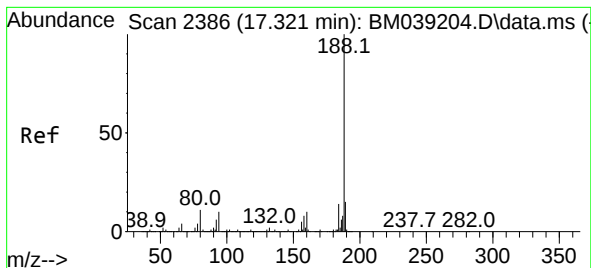
Tgt Ion:330 Resp: 433681
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 38.2 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 96.471 ng
RT: 13.187 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

Tgt Ion:172 Resp: 2612451
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BM039299.D

Acq: 04 Apr 2023 15:50

Instrument :

BNA_M

ClientSampleId :

MW-02RE

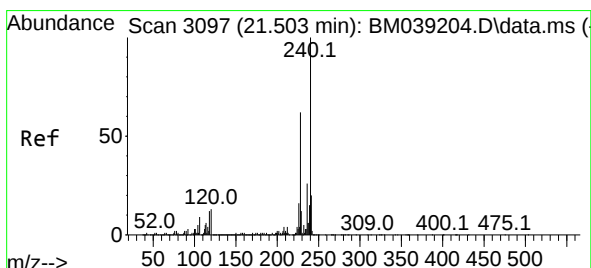
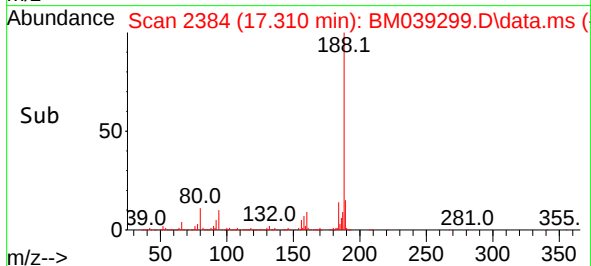
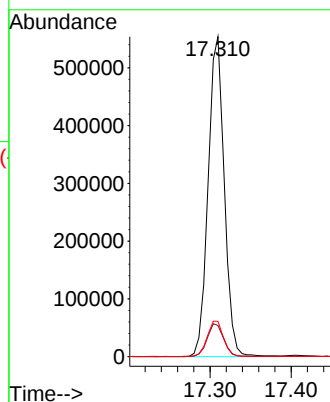
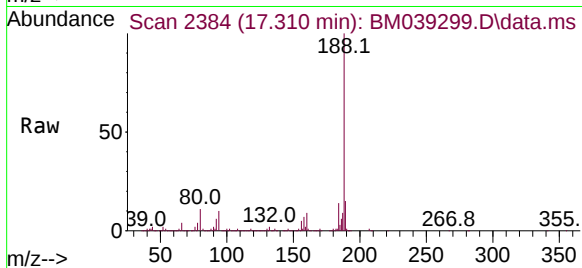
Tgt Ion:188 Resp: 766841

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

80 11.0 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: BM039299.D

Acq: 04 Apr 2023 15:50

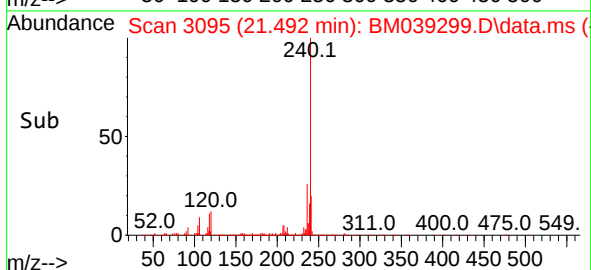
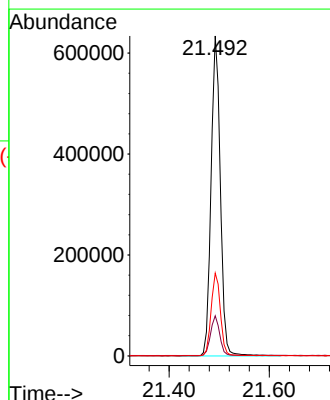
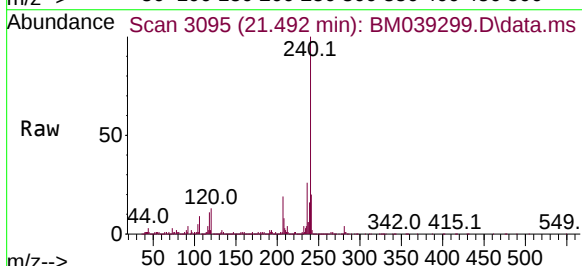
Tgt Ion:240 Resp: 811897

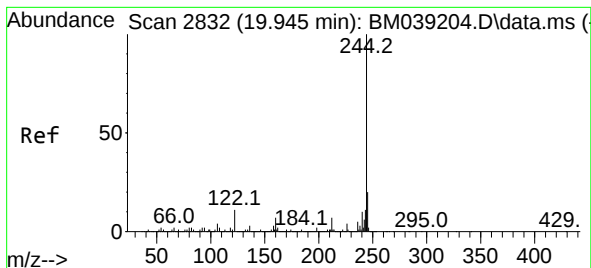
Ion Ratio Lower Upper

240 100

120 12.5 10.2 15.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 79.757 ng

RT: 19.933 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BM039299.D

Acq: 04 Apr 2023 15:50

Instrument :

BNA_M

ClientSampleId :

MW-02RE

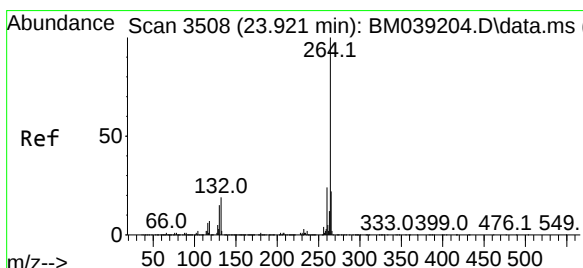
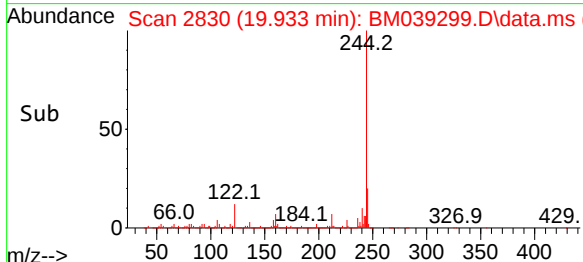
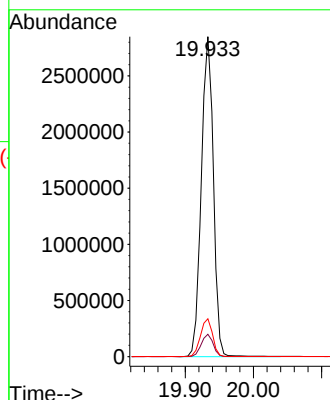
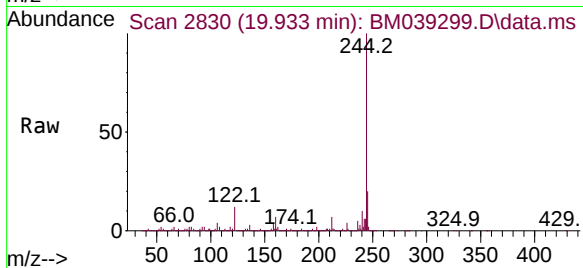
Tgt Ion:244 Resp: 3504853

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.8 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: BM039299.D

Acq: 04 Apr 2023 15:50

Tgt Ion:264 Resp: 1050587

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.4 18.1 27.1

