

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

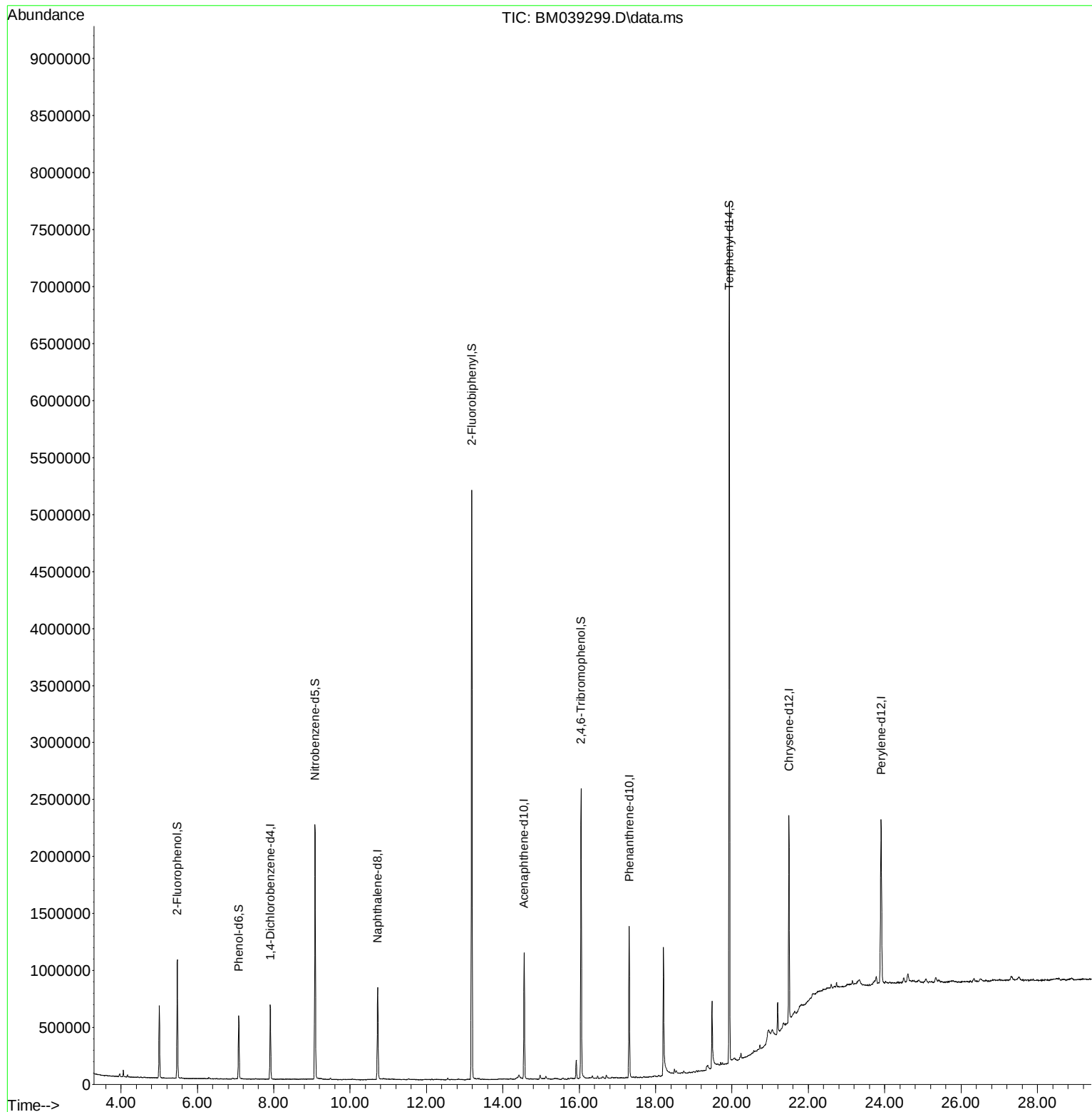
Target Compounds Qvalue

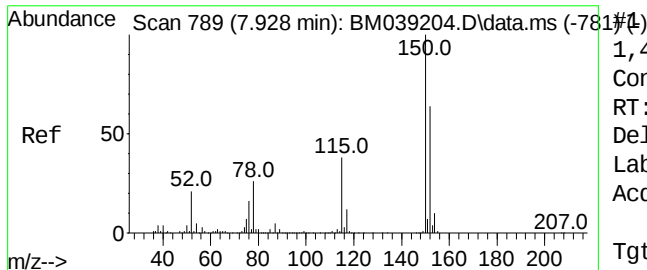
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.910 min Scan#

Delta R.T. -0.006 min

Lab File: BM039299.D

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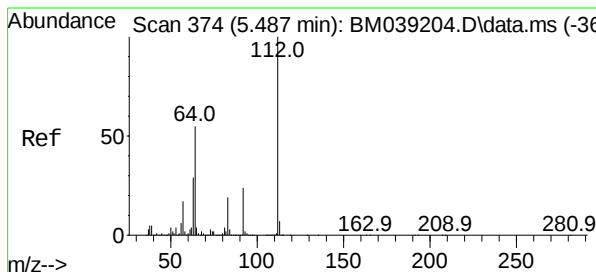
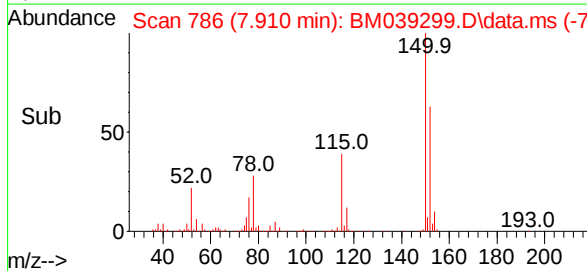
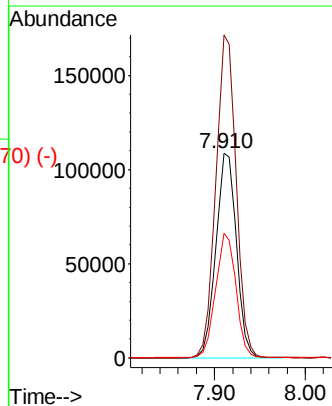
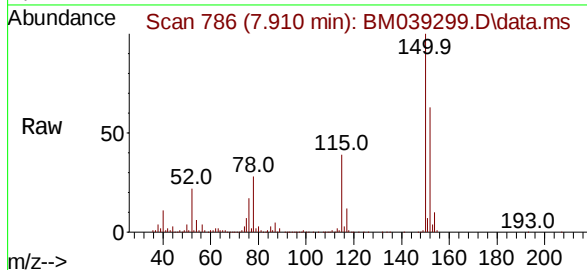
Tgt Ion:152 Resp: 170690

Ion Ratio Lower Upper

152 100

150 157.8 125.5 188.3

115 60.9 48.1 72.1



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

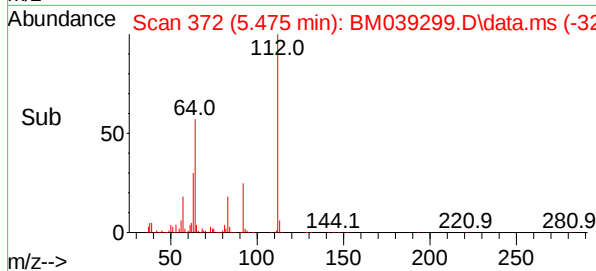
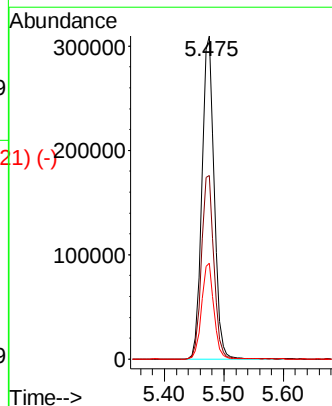
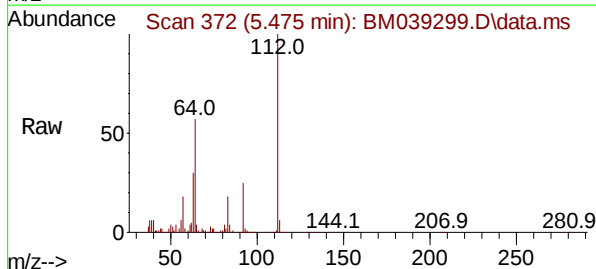
Tgt Ion:112 Resp: 449332

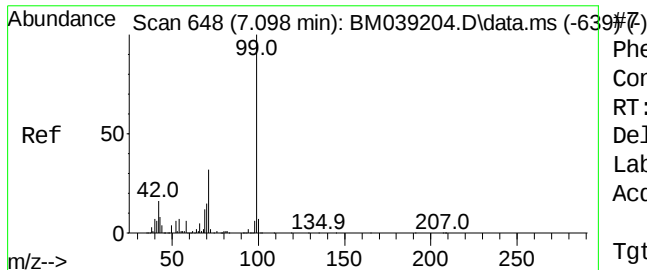
Ion Ratio Lower Upper

112 100

64 56.8 44.3 66.5

63 29.6 23.0 34.6

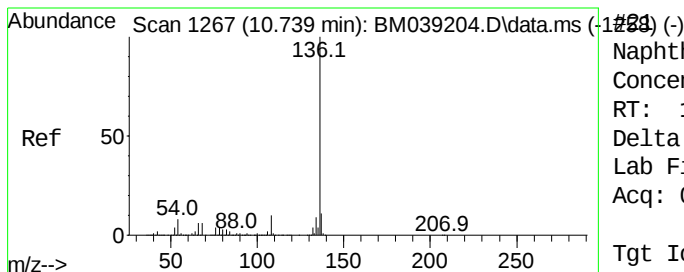
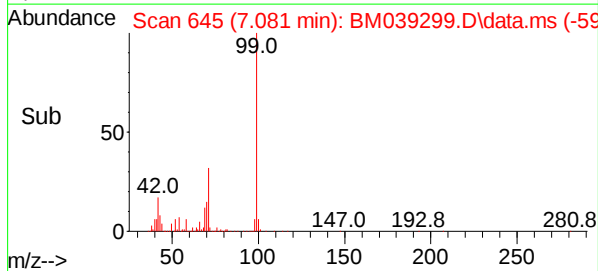
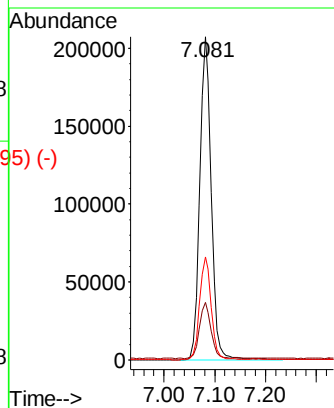
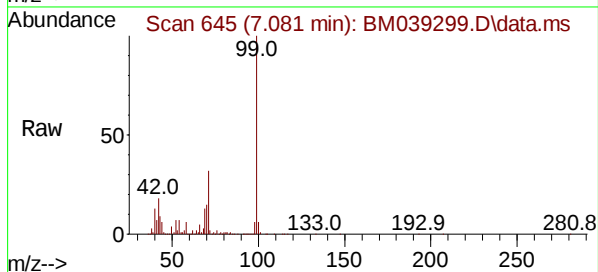




Phenol-d6
 Concen: 22.104 ng
 RT: 7.081 min Scan# 1264
 Delta R.T. -0.006 min
 Lab File: BM039299.D
 Acq: 04 Apr 2023 15:50

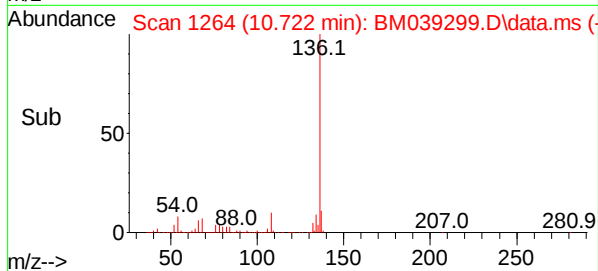
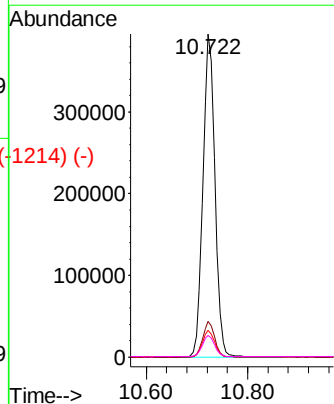
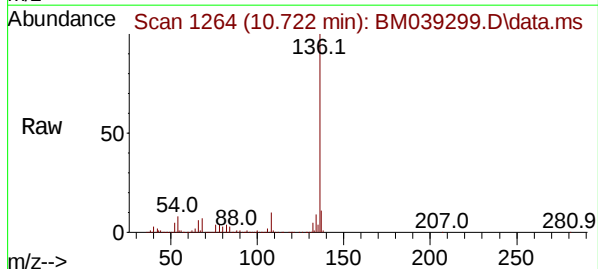
Instrument :
 BNA_M
 ClientSampleId :
 MW-02RE

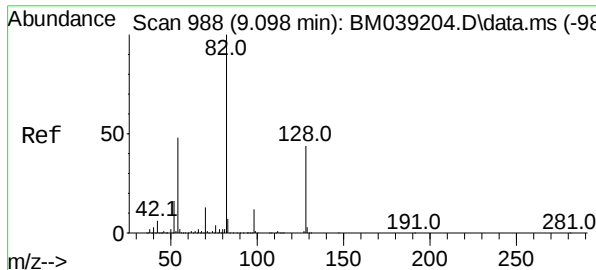
Tgt Ion: 99 Resp: 323908
 Ion Ratio Lower Upper
 99 100
 42 17.8 13.0 19.6
 71 32.0 25.5 38.3



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

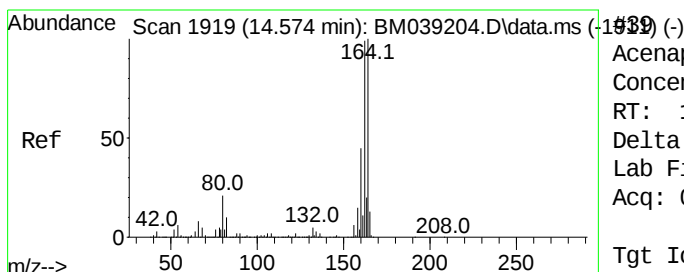
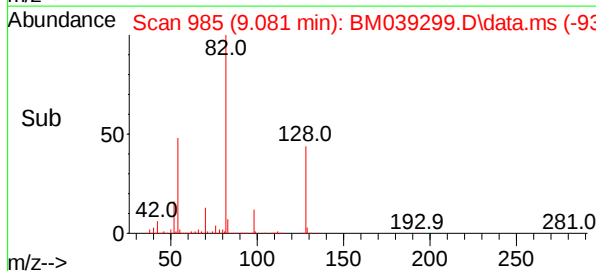
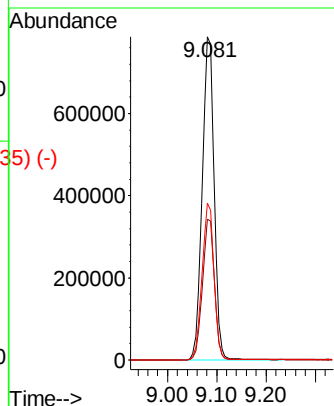
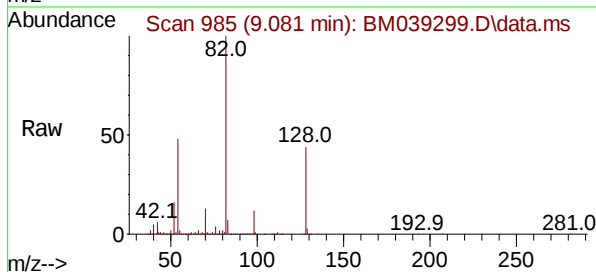




Nitrobenzene-d5
Concen: 98.276 ng
RT: 9.081 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

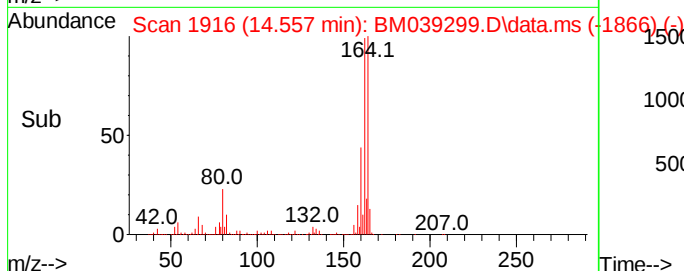
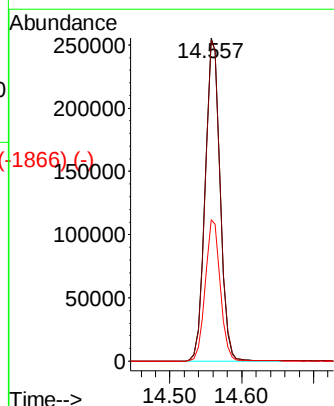
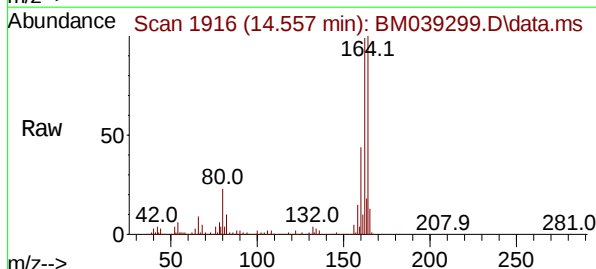
Instrument :
BNA_M
ClientSampleId :
MW-02RE

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



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



Abundance Scan 2172 (16.063 min): BM039204.D\data.ms (-2162) (-)

2,4,6-Tribromophenol

Concen: 93.113 ng

RT: 16.051 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM039299.D

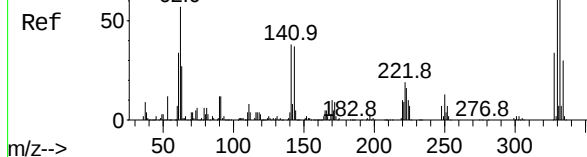
Acq: 04 Apr 2023 15:50

Instrument :

BNA_M

ClientSampleId :

MW-02RE



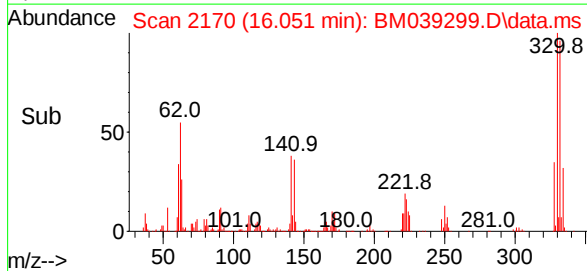
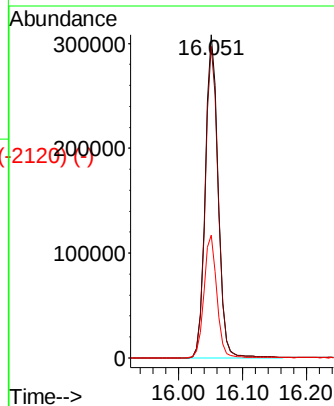
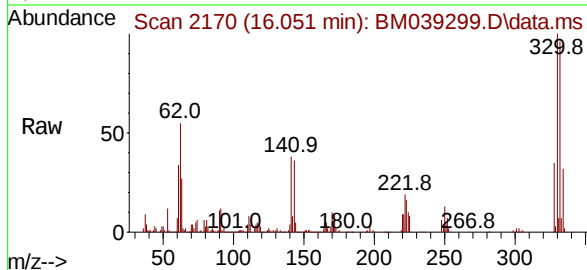
Tgt Ion:330 Resp: 433681

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 38.2 29.8 44.6



Abundance Scan 1685 (13.198 min): BM039204.D\data.ms (-1675) (-)

2-Fluorobiphenyl

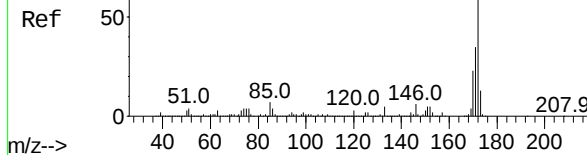
Concen: 96.471 ng

RT: 13.187 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039299.D

Acq: 04 Apr 2023 15:50



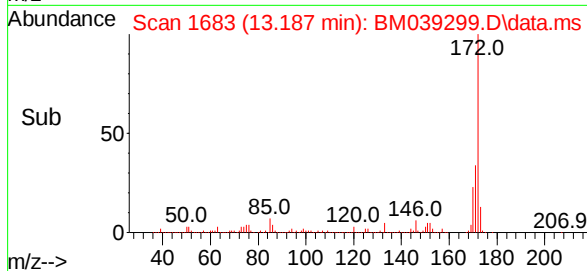
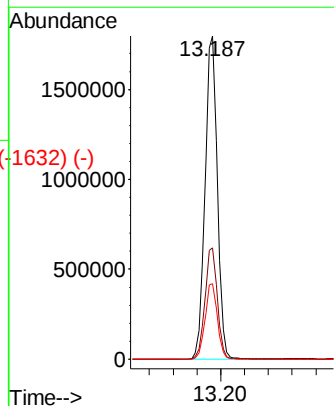
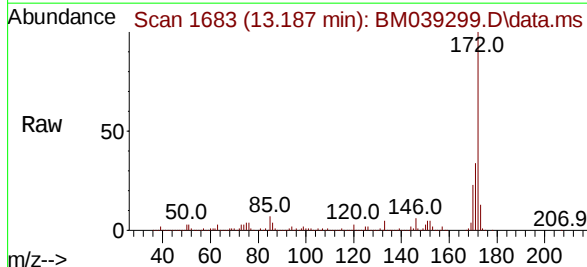
Tgt Ion:172 Resp: 2612451

Ion Ratio Lower Upper

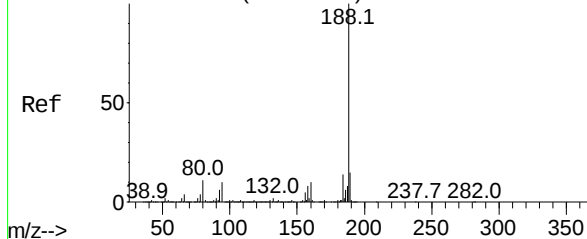
172 100

171 34.5 28.0 42.0

170 23.3 18.7 28.1



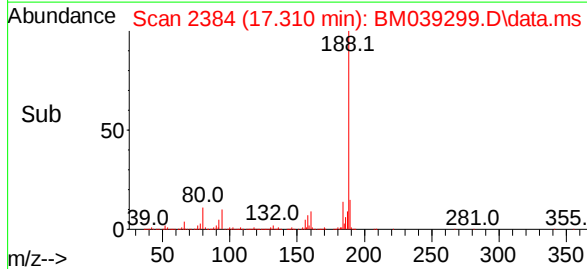
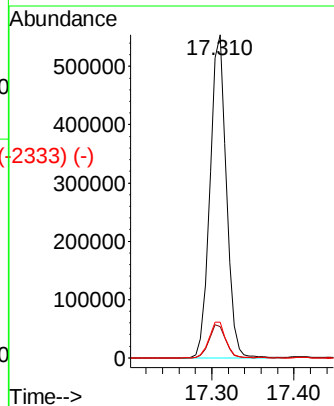
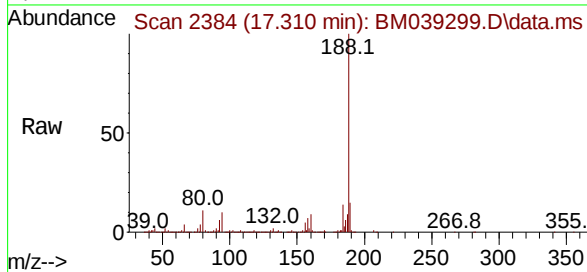
Abundance Scan 2386 (17.321 min): BM039204.D\data.ms (-2386) (-)



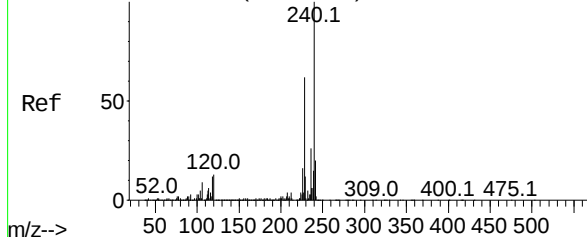
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM039299.D
Acq: 04 Apr 2023 15:50

Instrument :
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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

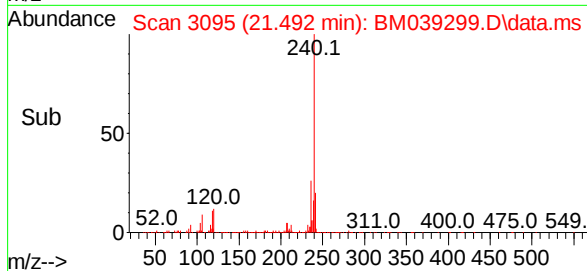
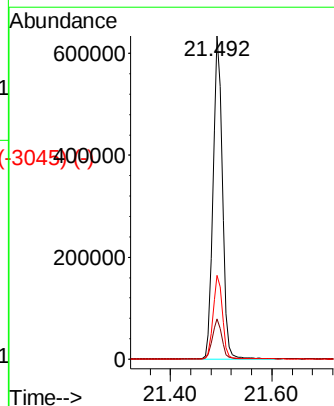
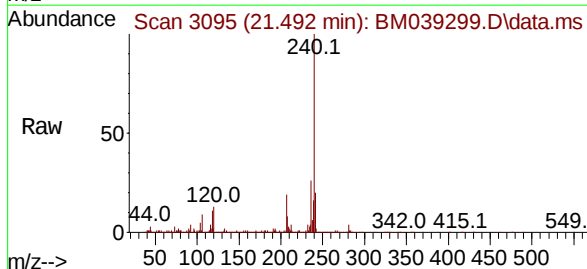


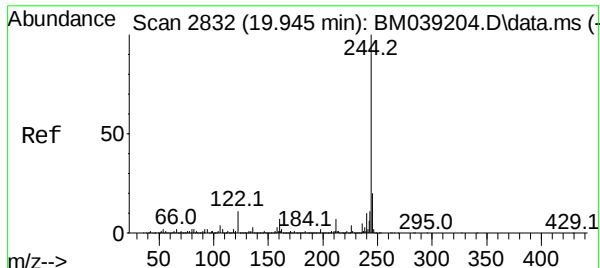
Abundance Scan 3097 (21.503 min): BM039204.D\data.ms (-3079) (-)



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

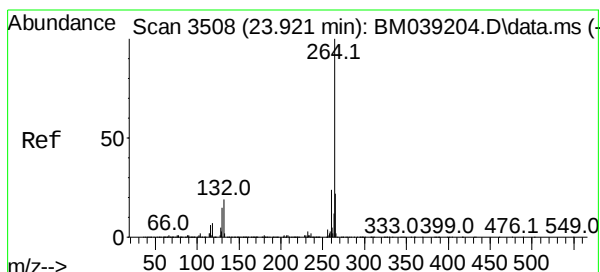
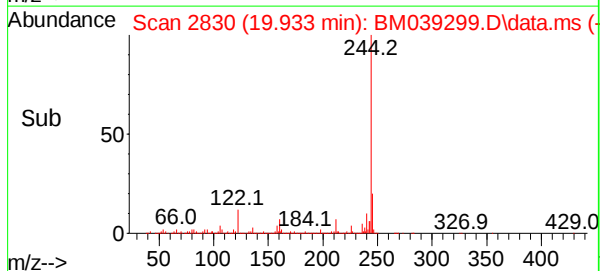
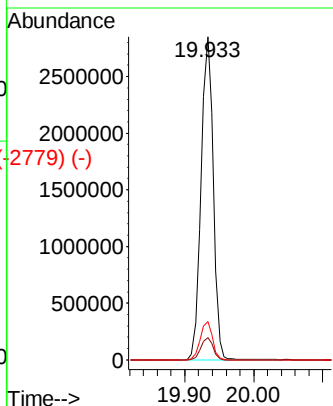
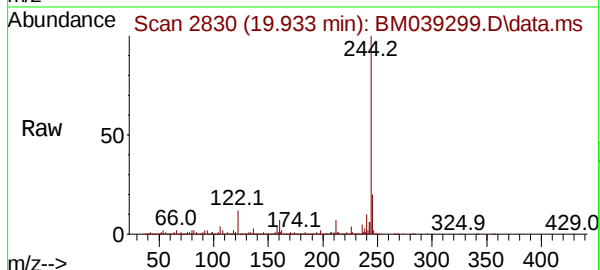




Terphenyl-d14
 Concen: 79.757 ng
 RT: 19.933 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BM039299.D
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Tgt Ion:244 Resp: 3504853
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 9.1 13.7



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

