

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
 Data File : BM039298.D
 Acq On : 04 Apr 2023 15:12
 Operator : CG/JU
 Sample : 02140-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-01RE

Quant Time: Apr 04 17:40:42 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	7.910	152	178850	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	688820	20.000	ng	# 0.00
39) Acenaphthene-d10	14.557	164	397029	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	842462	20.000	ng	0.00
76) Chrysene-d12	21.492	240	922335	20.000	ng	0.00
86) Perylene-d12	23.903	264	1150324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	529525	44.606	ng	0.00
7) Phenol-d6	7.081	99	395423	25.753	ng	0.00
23) Nitrobenzene-d5	9.081	82	1419056	100.127	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	499169	99.043	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	2895272	98.805	ng	0.00
79) Terphenyl-d14	19.933	244	4370885	87.554	ng	0.00

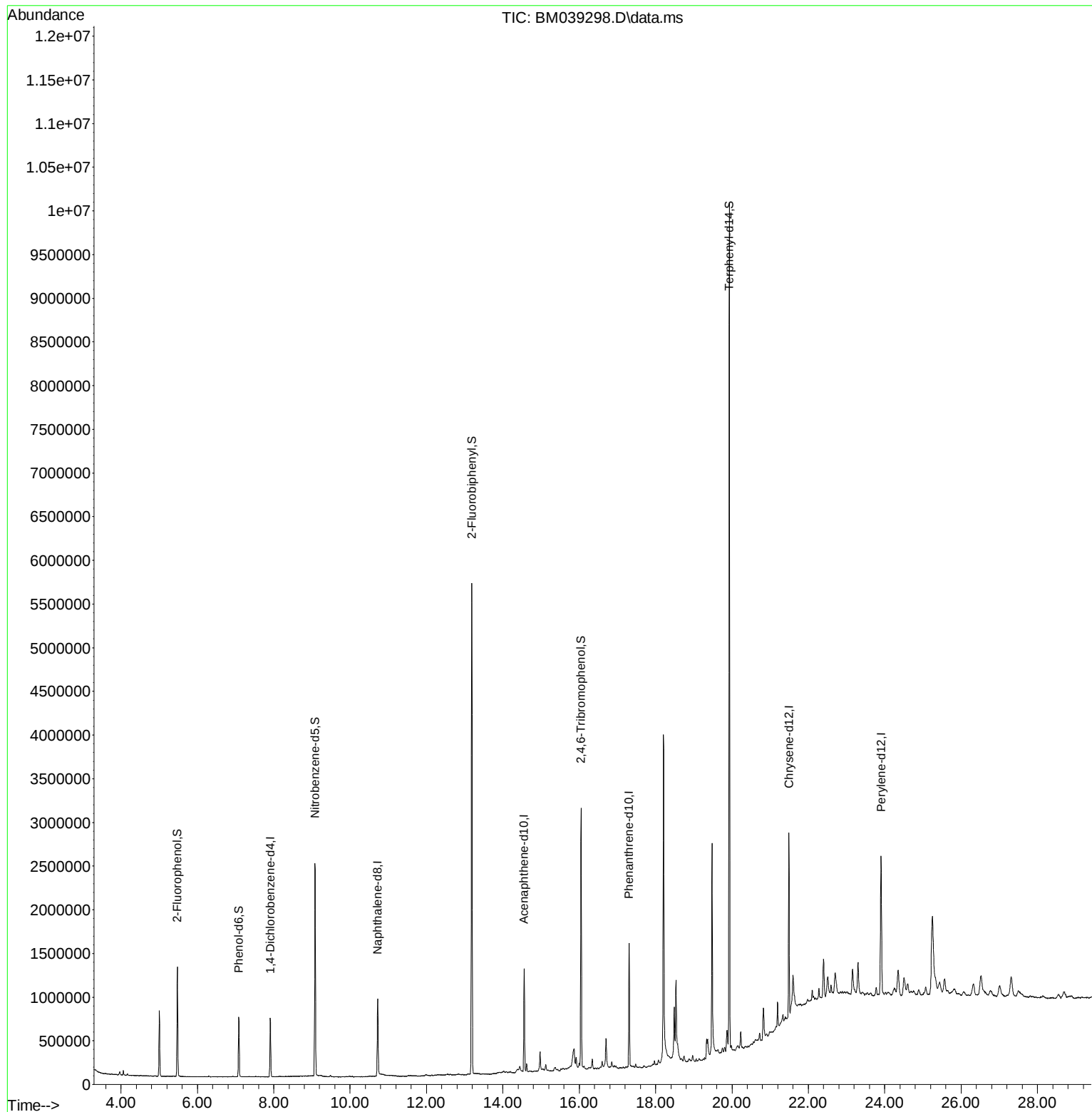
Target Compounds Qvalue

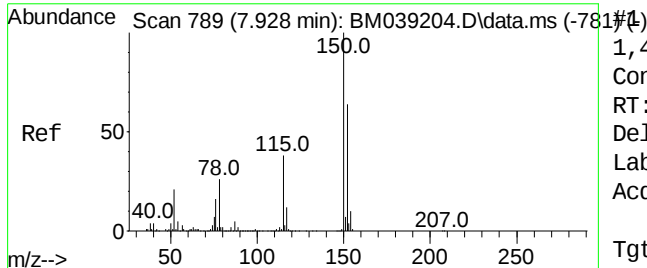
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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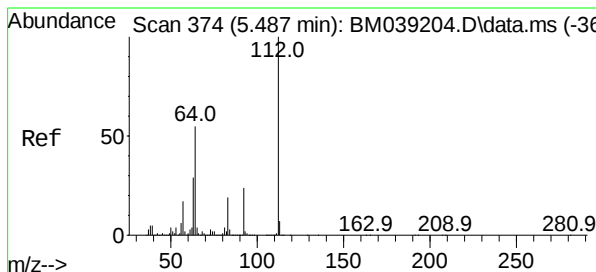
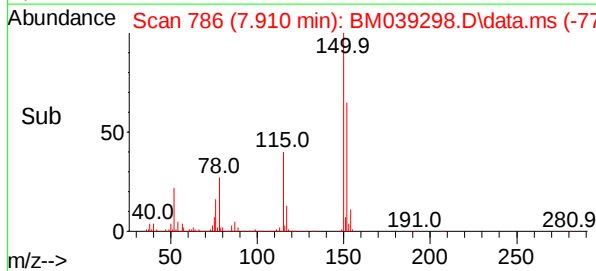
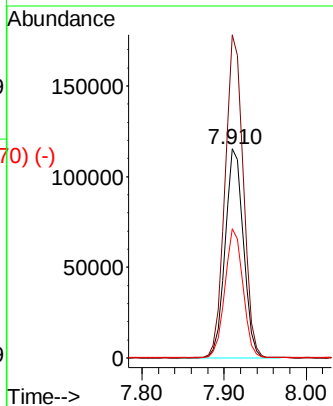
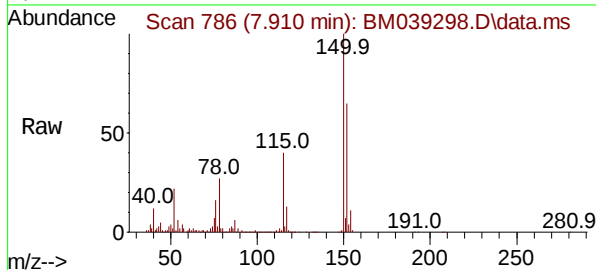




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan#
 Delta R.T. -0.006 min
 Lab File: BM039298.D
 Acq: 04 Apr 2023 15:12

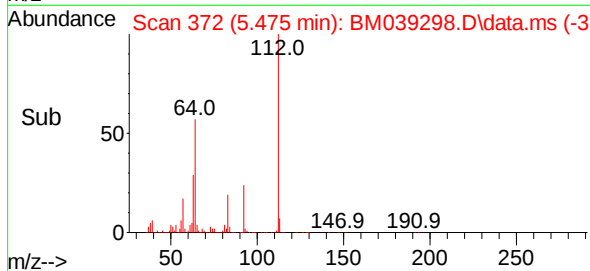
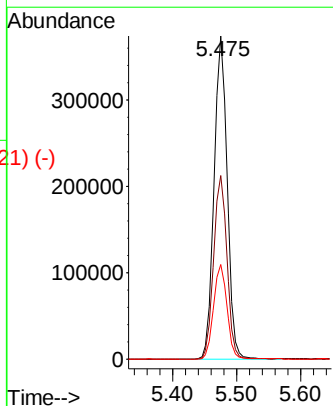
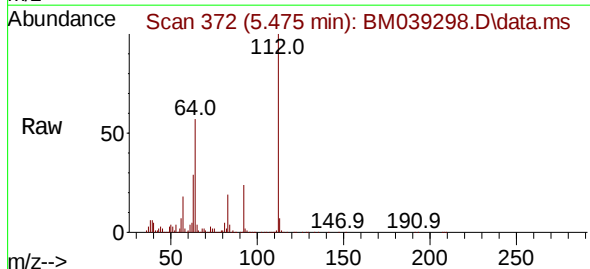
Instrument :
 BNA_M
 ClientSampleId :
 MW-01RE

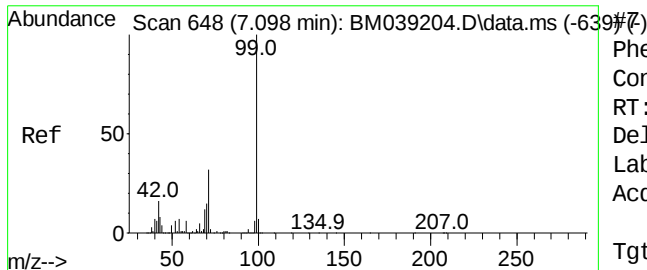
Tgt Ion:152 Resp: 178850
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.5 188.3
 115 61.7 48.1 72.1



2-Fluorophenol
 Concen: 44.606 ng
 RT: 5.475 min Scan# 372
 Delta R.T. -0.000 min
 Lab File: BM039298.D
 Acq: 04 Apr 2023 15:12

Tgt Ion:112 Resp: 529525
 Ion Ratio Lower Upper
 112 100
 64 56.8 44.3 66.5
 63 29.2 23.0 34.6





Phenol-d6

Concen: 25.753 ng

RT: 7.081 min Scan#

Delta R.T. -0.006 min

Lab File: BM039298.D

Acq: 04 Apr 2023 15:12

Instrument :

BNA_M

ClientSampleId :

MW-01RE

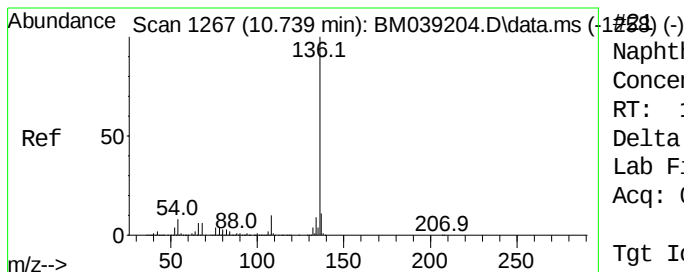
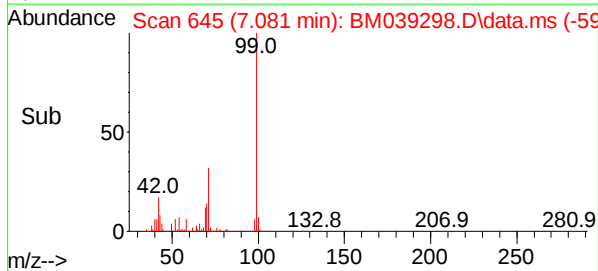
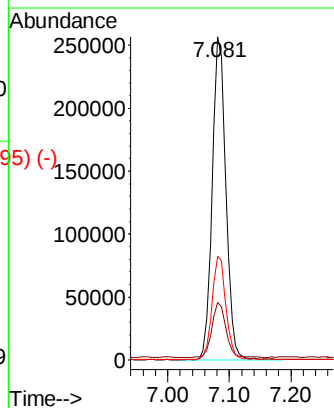
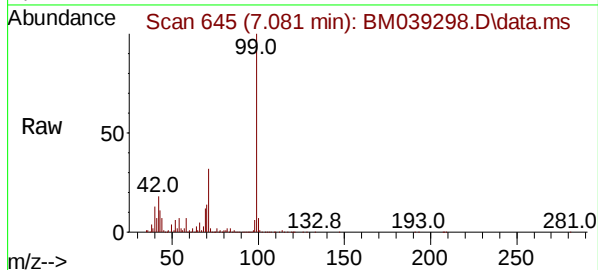
Tgt Ion: 99 Resp: 395423

Ion Ratio Lower Upper

99 100

42 17.9 13.0 19.6

71 32.1 25.5 38.3



Naphthalene-d8

Concen: 20.000 ng

RT: 10.722 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BM039298.D

Acq: 04 Apr 2023 15:12

Tgt Ion: 136 Resp: 688820

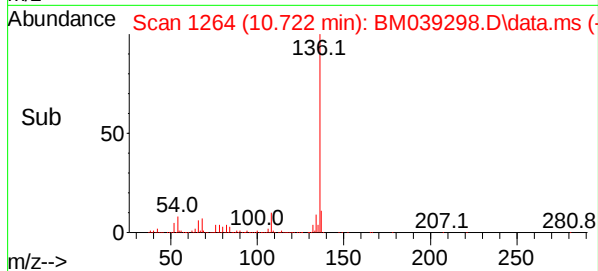
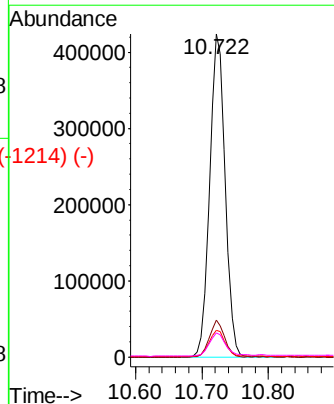
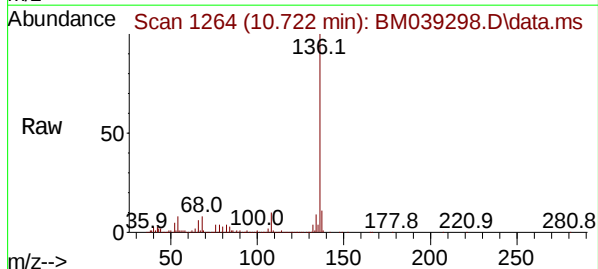
Ion Ratio Lower Upper

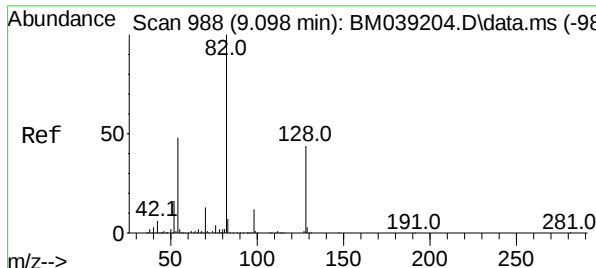
136 100

137 11.5 8.9 13.3

54 8.4 6.2 9.4

68 7.6 4.9 7.3#

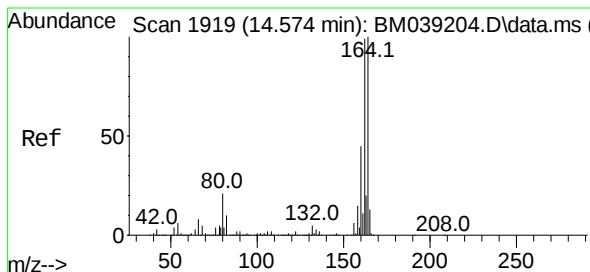
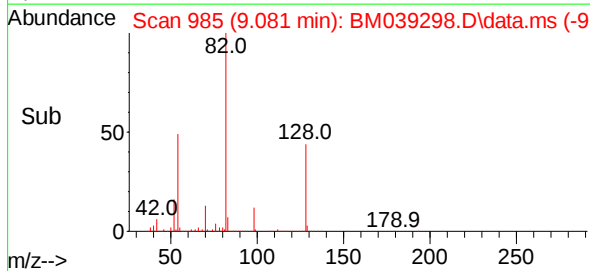
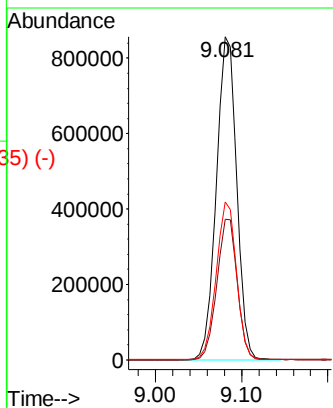
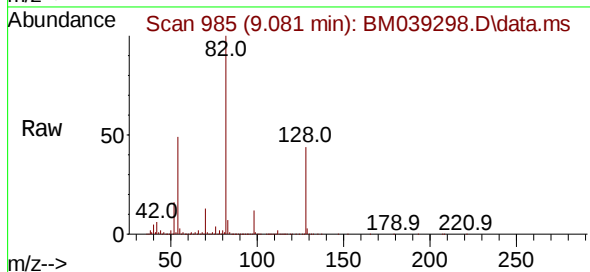




Nitrobenzene-d5
 Concen: 100.127 ng
 RT: 9.081 min Scan# 988
 Delta R.T. -0.006 min
 Lab File: BM039298.D
 Acq: 04 Apr 2023 15:12

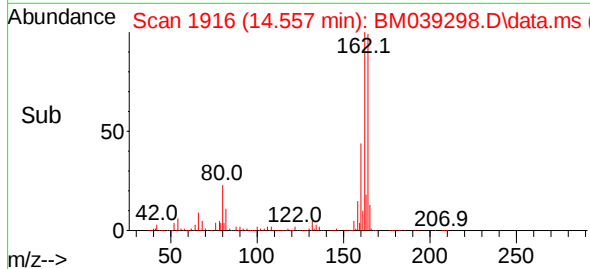
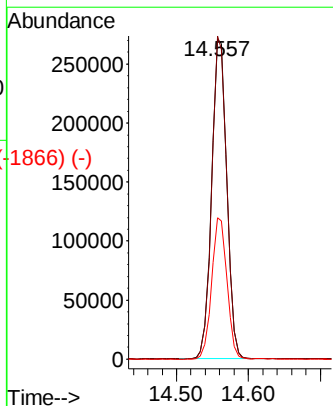
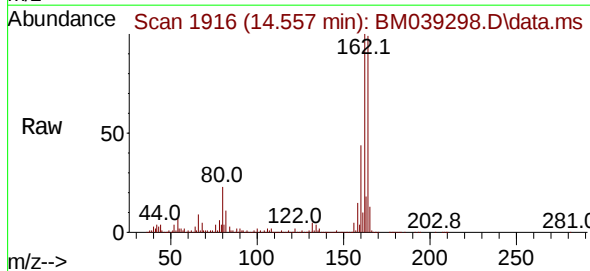
Instrument :
 BNA_M
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 MW-01RE

Tgt Ion:	82	Resp:	1419056
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.1	52.7
54	48.9	38.5	57.7



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.557 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BM039298.D
 Acq: 04 Apr 2023 15:12

Tgt Ion:	164	Resp:	397029
Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.1	118.7
160	44.2	35.8	53.8



Abundance Scan 2172 (16.063 min): BM039204.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 99.043 ng

RT: 16.051 min Scan# 1642

Delta R.T. -0.006 min

Lab File: BM039298.D

Acq: 04 Apr 2023 15:12

Instrument :

BNA_M

ClientSampleId :

MW-01RE

Tgt Ion:330 Resp: 499169

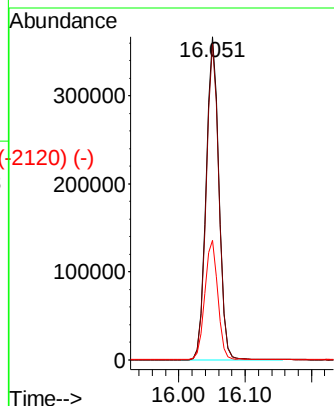
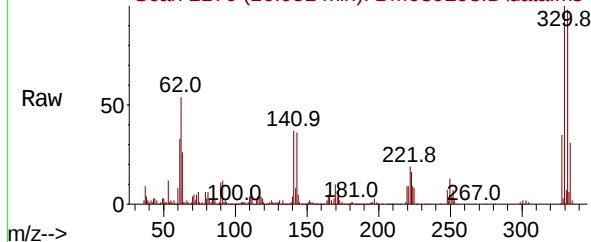
Ion Ratio Lower Upper

330 100

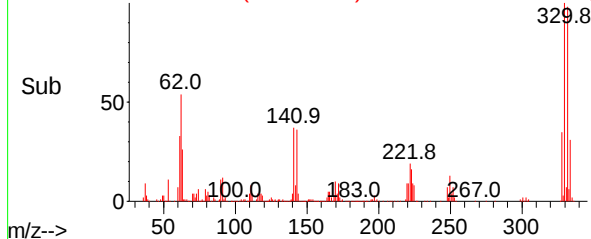
332 96.9 77.4 116.0

141 37.4 29.8 44.6

Abundance Scan 2170 (16.051 min): BM039298.D\data.ms



Abundance Scan 2170 (16.051 min): BM039298.D\data.ms (-2120) (-)



Abundance Scan 1685 (13.198 min): BM039204.D\data.ms (-1645) (-)

2-Fluorobiphenyl

Concen: 98.805 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039298.D

Acq: 04 Apr 2023 15:12

Tgt Ion:172 Resp: 2895272

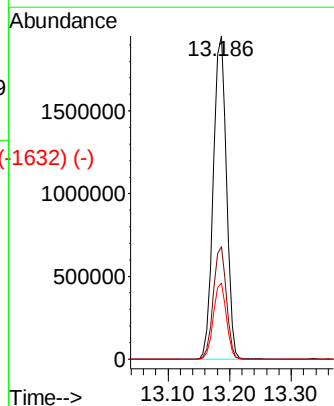
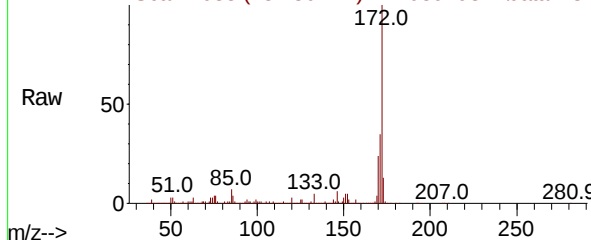
Ion Ratio Lower Upper

172 100

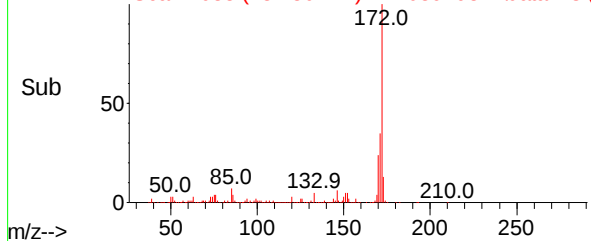
171 34.9 28.0 42.0

170 23.6 18.7 28.1

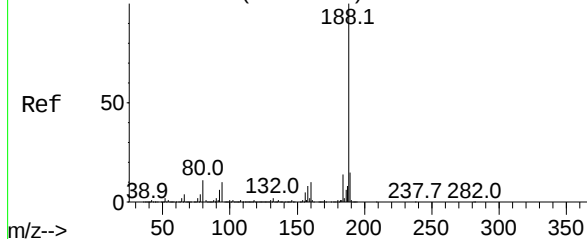
Abundance Scan 1683 (13.186 min): BM039298.D\data.ms



Abundance Scan 1683 (13.186 min): BM039298.D\data.ms (-1632) (-)



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



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM039298.D

Acq: 04 Apr 2023 15:12

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ClientSampleId :

MW-01RE

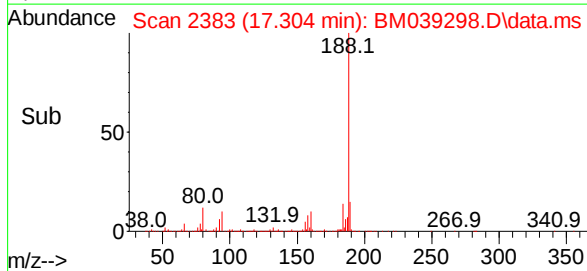
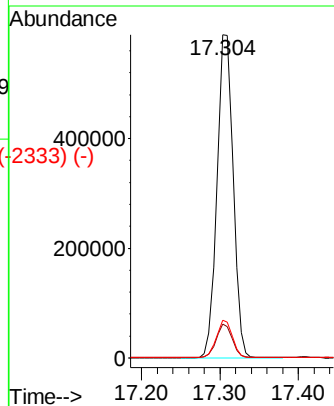
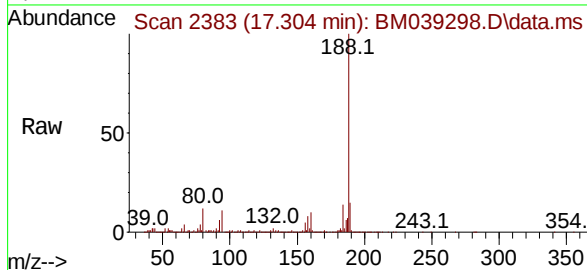
Tgt Ion:188 Resp: 842462

Ion Ratio Lower Upper

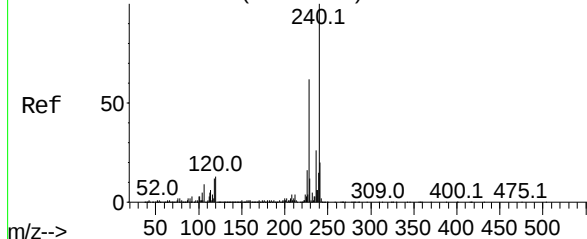
188 100

94 10.5 8.2 12.4

80 11.7 8.9 13.3



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



Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039298.D

Acq: 04 Apr 2023 15:12

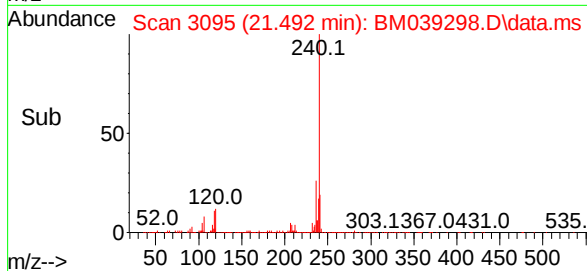
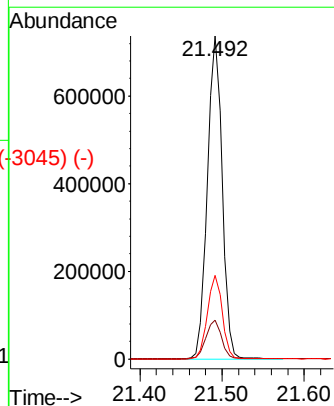
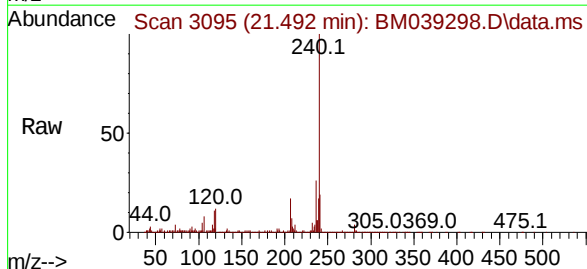
Tgt Ion:240 Resp: 922335

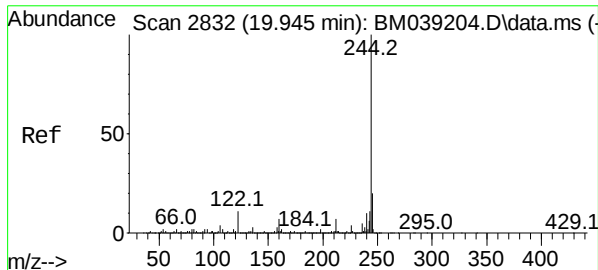
Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.2

236 26.0 20.9 31.3



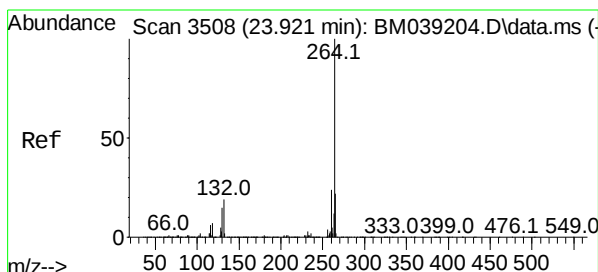
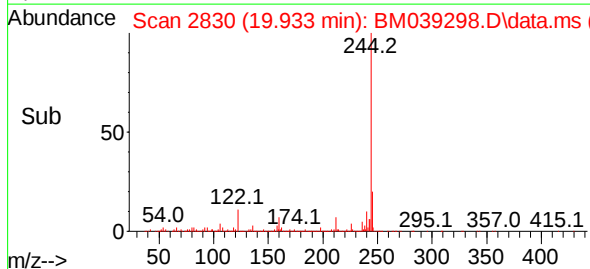
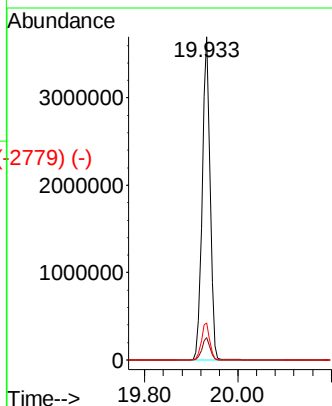
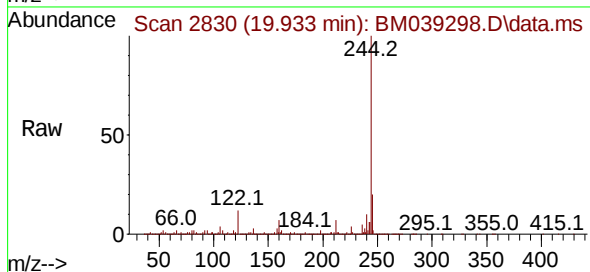


Terphenyl-d14
 Concen: 87.554 ng
 RT: 19.933 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BM039298.D
 Acq: 04 Apr 2023 15:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-01RE

Tgt Ion:244 Resp: 4370885

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.5	9.1	13.7



Perylene-d12
 Concen: 20.000 ng
 RT: 23.903 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM039298.D
 Acq: 04 Apr 2023 15:12

Tgt Ion:264 Resp: 1150324

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	22.2	18.1	27.1

