

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039056.D
 Acq On : 20 Mar 2023 22:26
 Operator : CG/JU
 Sample : 01964-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MAPLE-4

Quant Time: Mar 21 01:52:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

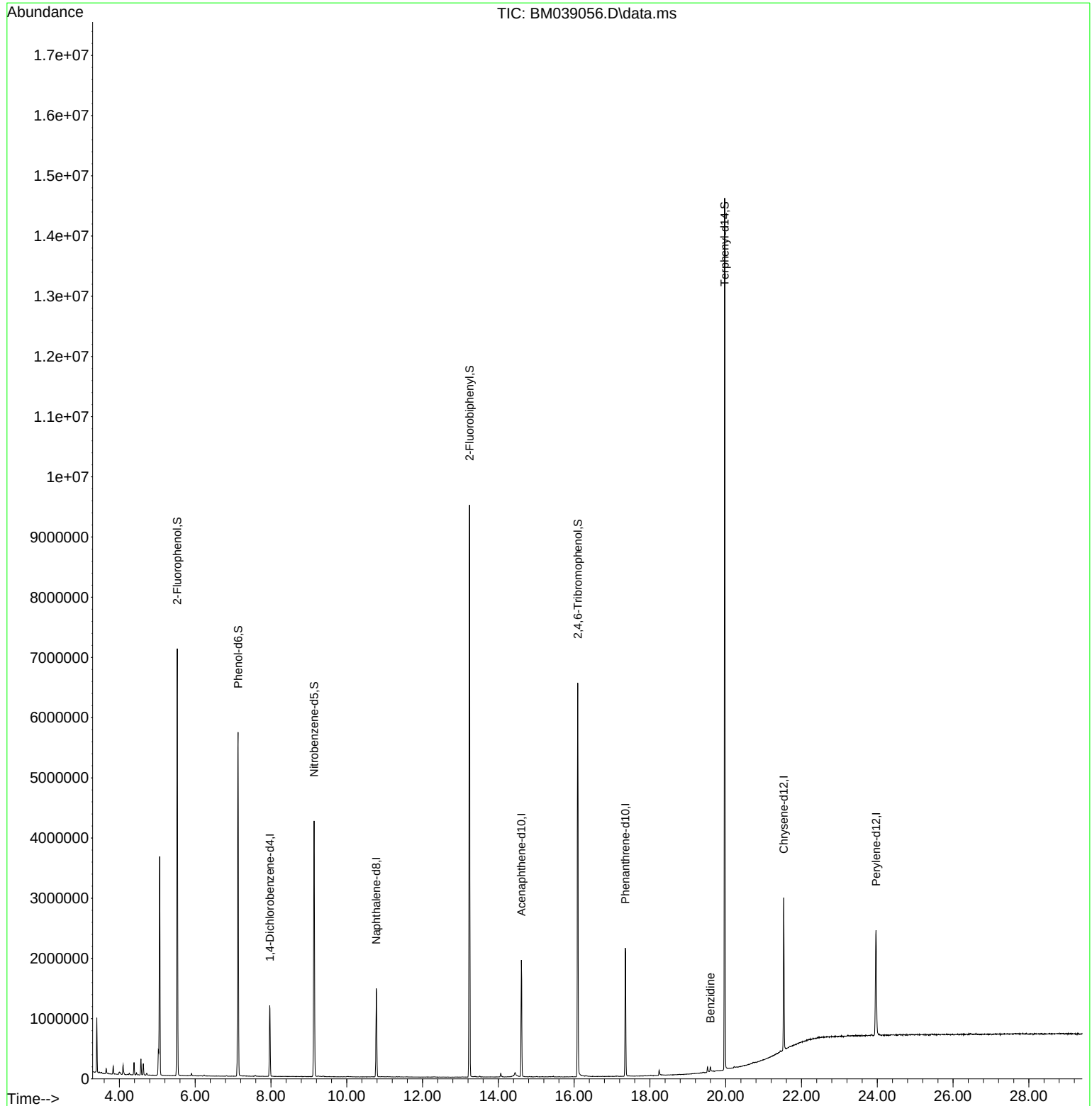
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	307116	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1156918	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	622036	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1219887	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1110357	20.000	ng	0.00
86) Perylene-d12	23.968	264	1271138	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2940919	145.486	ng	0.00
7) Phenol-d6	7.134	99	3327721	126.739	ng	0.00
23) Nitrobenzene-d5	9.139	82	2403886	102.065	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1081825	150.338	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4626126	96.816	ng	0.00
79) Terphenyl-d14	19.974	244	6567662	108.144	ng	0.00
Target Compounds						
77) Benzidine	19.598	184	54131	6.798	ng	Qvalue 96

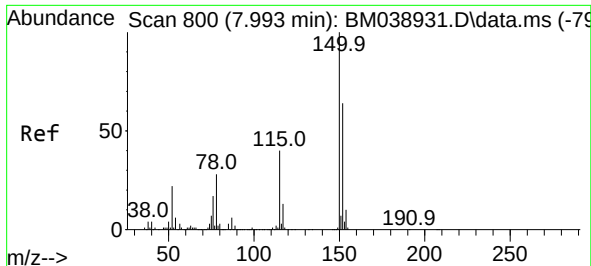
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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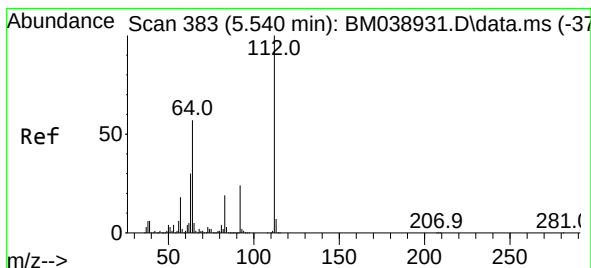
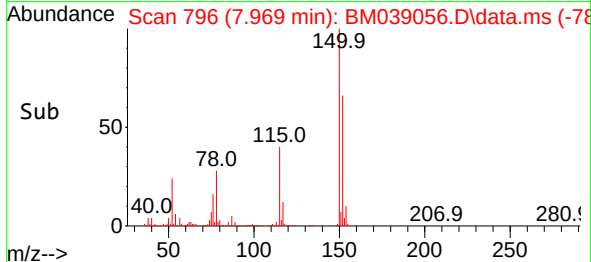
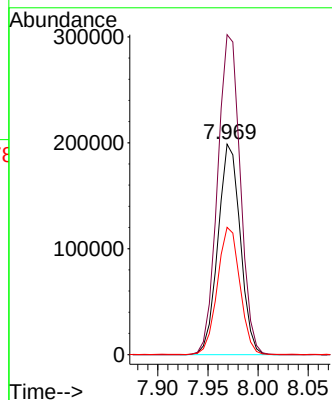
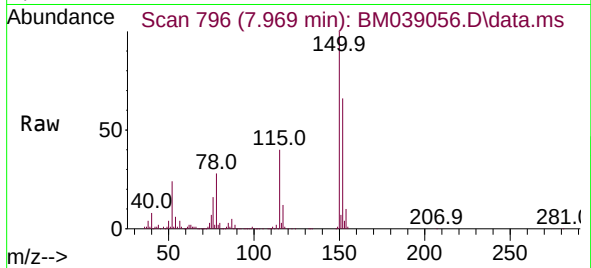




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

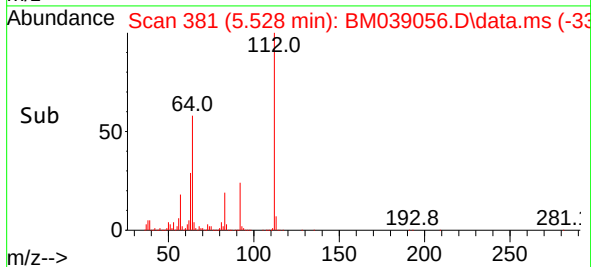
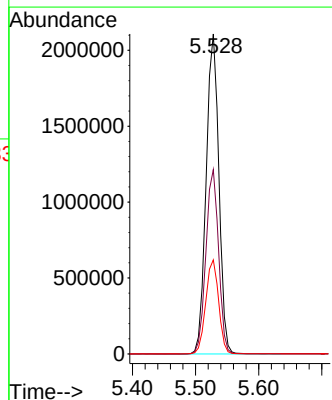
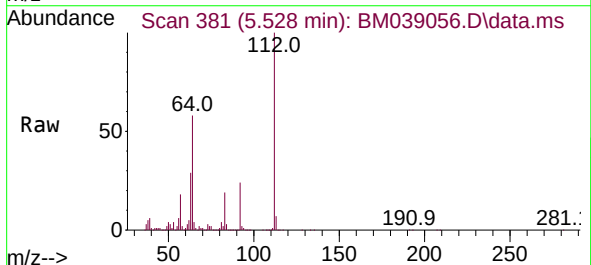
Instrument :
BNA_M
ClientSampleId :
MAPLE-4

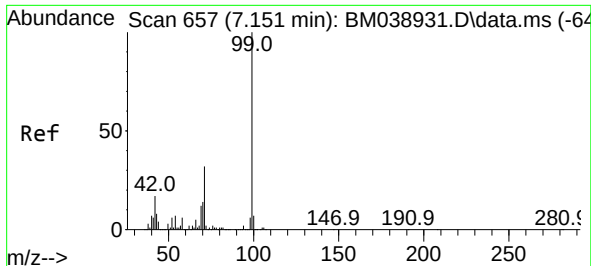
Tgt Ion:152 Resp: 307116
Ion Ratio Lower Upper
152 100
150 152.0 125.1 187.7
115 60.5 49.6 74.4



#5
2-Fluorophenol
Concen: 145.486 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion:112 Resp: 2940919
Ion Ratio Lower Upper
112 100
64 57.6 45.9 68.9
63 29.4 23.8 35.8



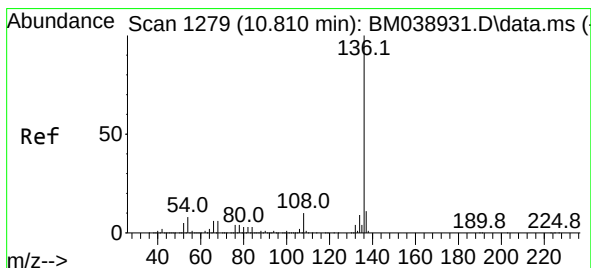
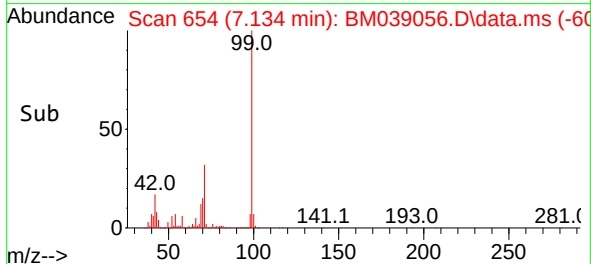
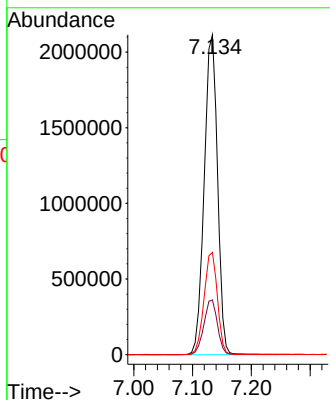
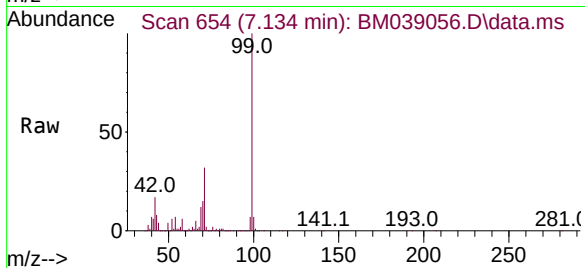


#7
Phenol-d6
Concen: 126.739 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Instrument :
BNA_M
ClientSampleId :
MAPLE-4

Tgt Ion: 99 Resp: 3327721

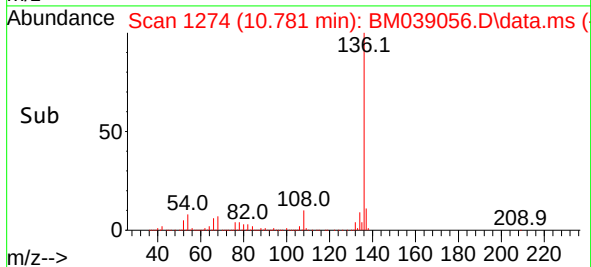
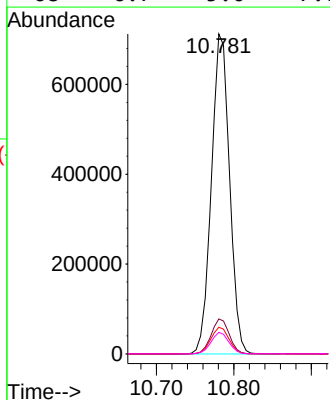
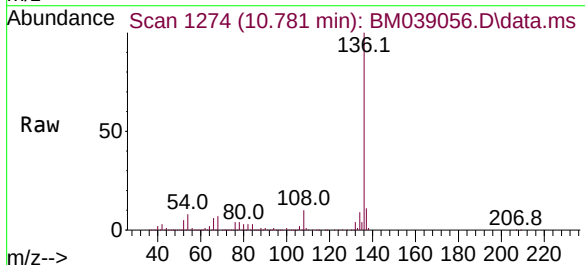
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	31.9	25.6	38.4

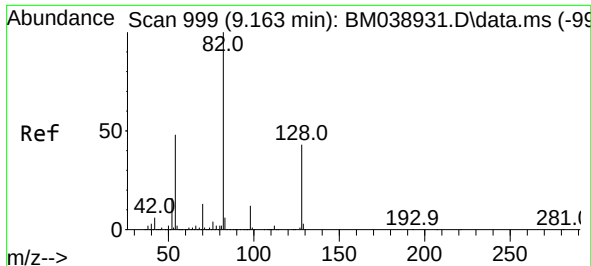


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion: 136 Resp: 1156918

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.3	6.3	9.5
68	6.7	5.0	7.6

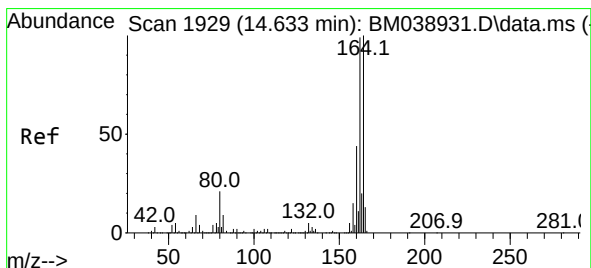
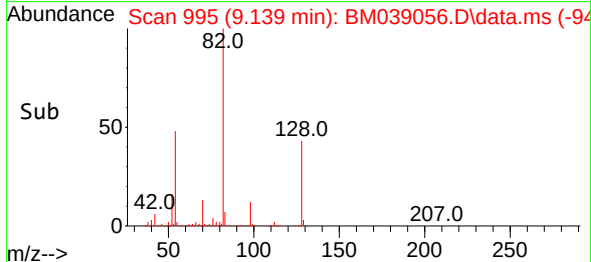
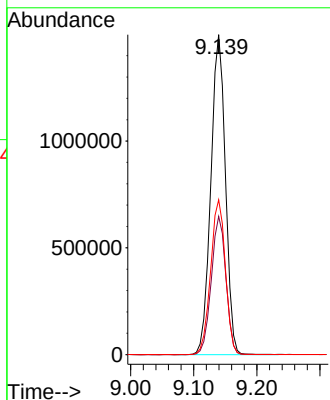
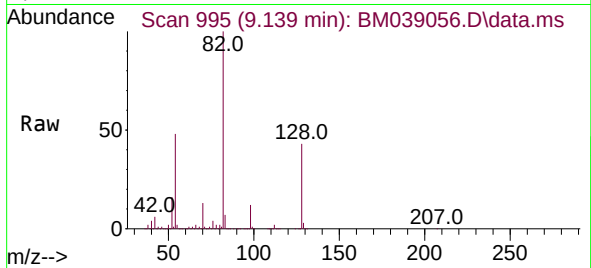




#23
Nitrobenzene-d5
Concen: 102.065 ng
RT: 9.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

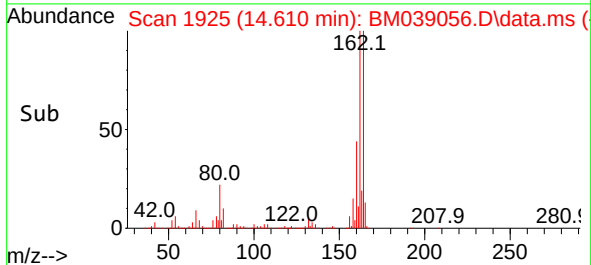
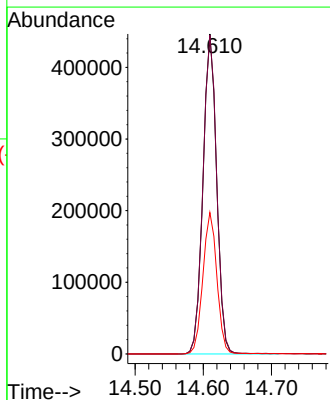
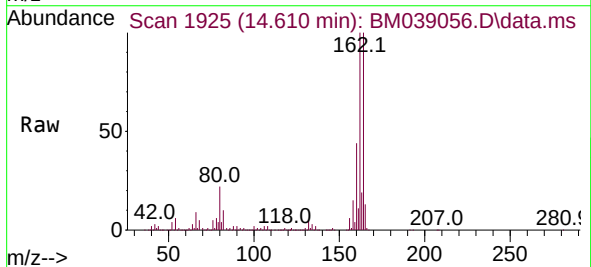
Instrument :
BNA_M
ClientSampleId :
MAPLE-4

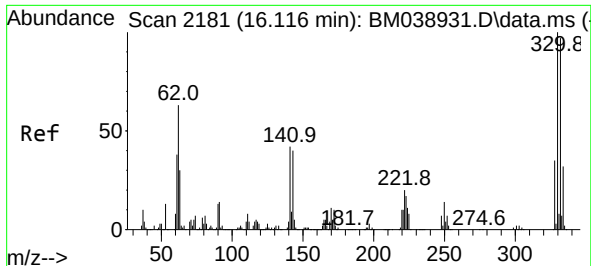
Tgt Ion: 82 Resp: 2403886
Ion Ratio Lower Upper
82 100
128 43.2 34.4 51.6
54 48.4 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion: 164 Resp: 622036
Ion Ratio Lower Upper
164 100
162 99.6 79.2 118.8
160 44.2 35.5 53.3

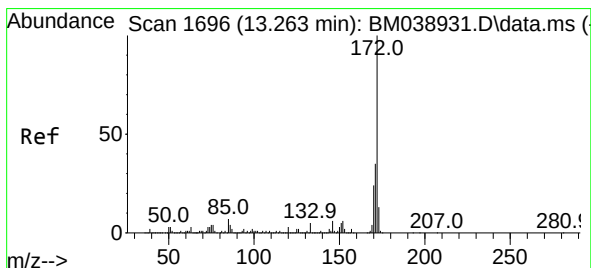
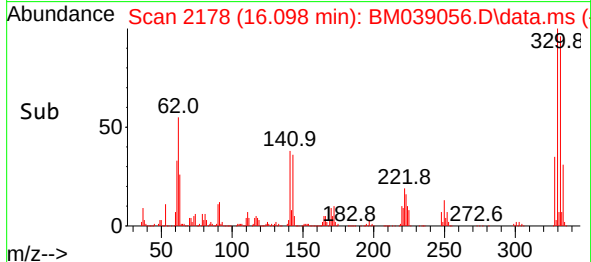
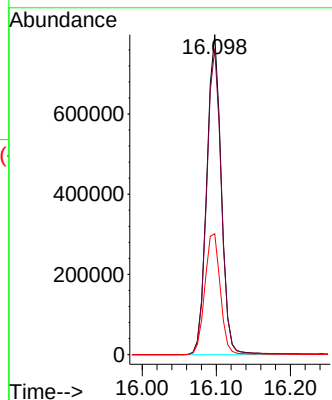
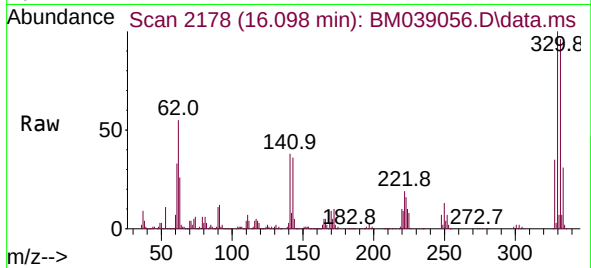




#42
2,4,6-Tribromophenol
Concen: 150.338 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

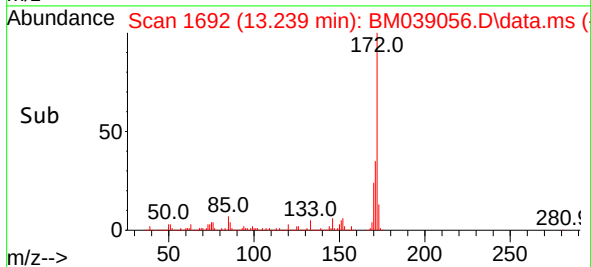
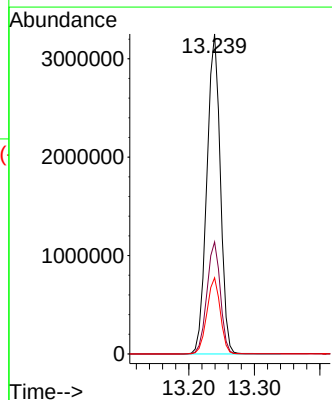
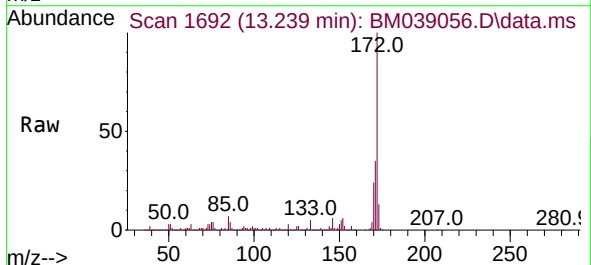
Instrument :
BNA_M
ClientSampleId :
MAPLE-4

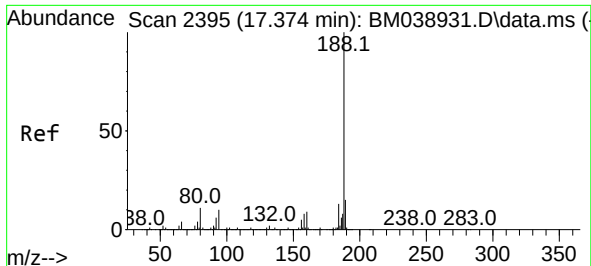
Tgt Ion:330 Resp: 1081825
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 40.6 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 96.816 ng
RT: 13.239 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion:172 Resp: 4626126
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.8 19.1 28.7

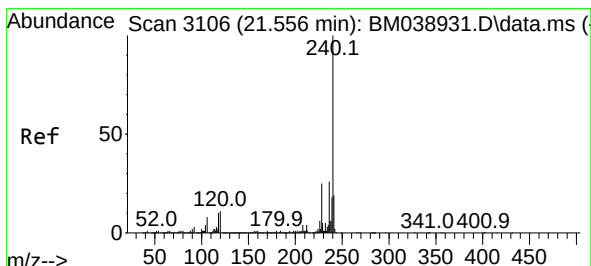
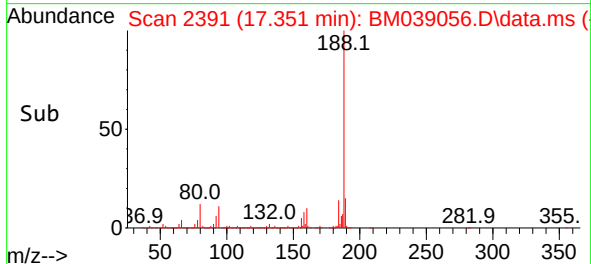
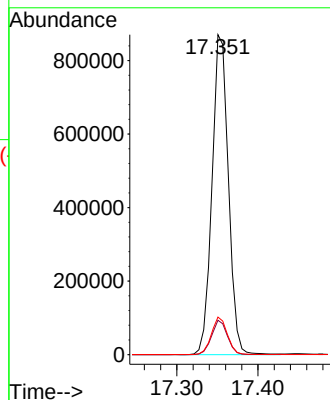
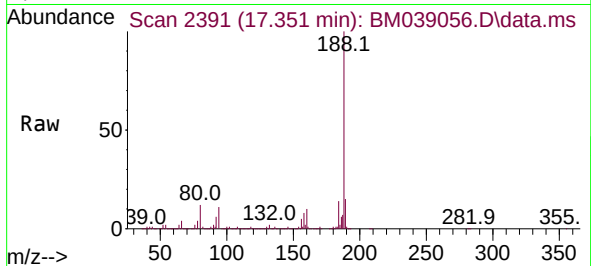




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.012 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

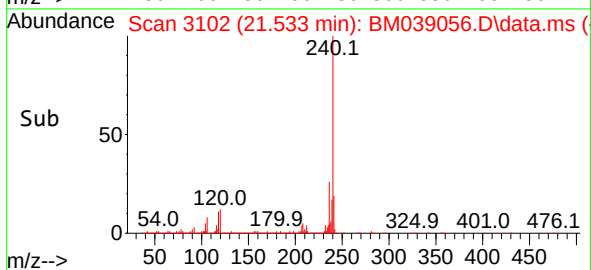
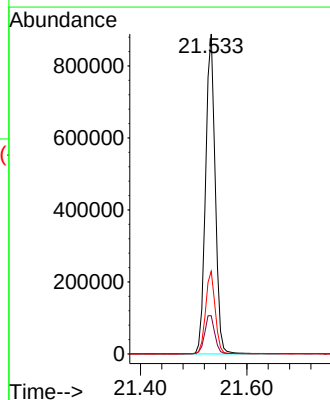
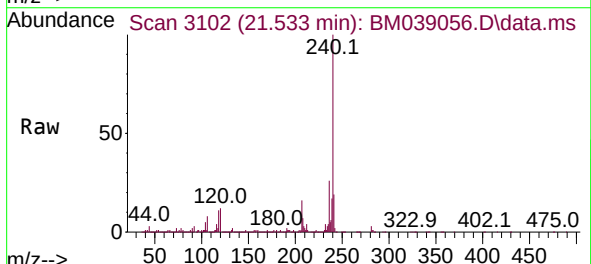
Instrument :
BNA_M
ClientSampleId :
MAPLE-4

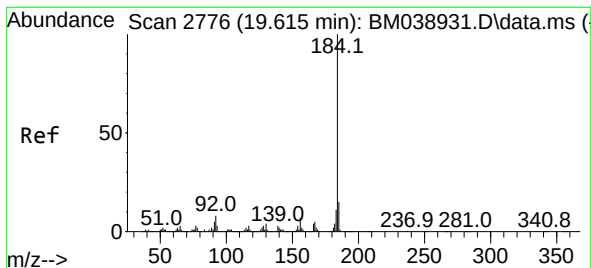
Tgt Ion:188 Resp: 1219887
Ion Ratio Lower Upper
188 100
94 10.7 7.9 11.9
80 11.7 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion:240 Resp: 1110357
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.8 20.8 31.2





#77

Benzidine

Concen: 6.798 ng

RT: 19.598 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039056.D

Acq: 20 Mar 2023 22:26

Instrument :

BNA_M

ClientSampleId :

MAPLE-4

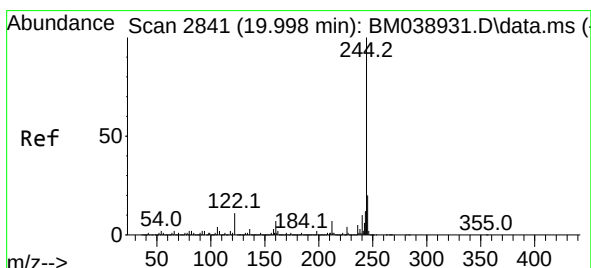
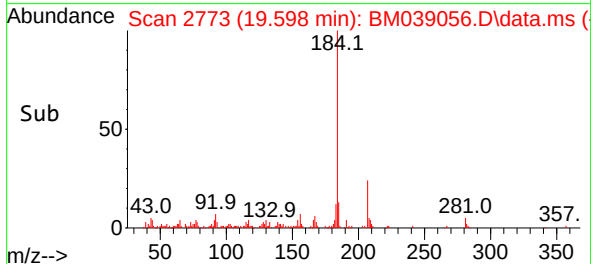
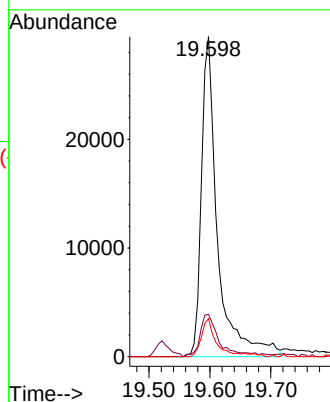
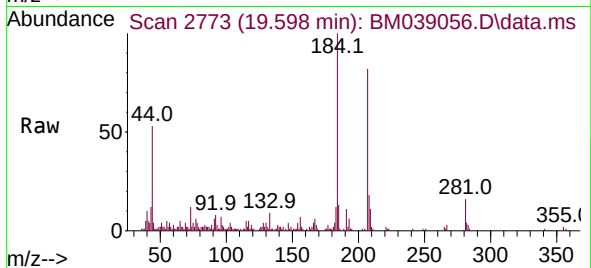
Tgt Ion:184 Resp: 54131

Ion Ratio Lower Upper

184 100

185 13.2 12.2 18.4

183 11.9 8.8 13.2



#79

Terphenyl-d14

Concen: 108.144 ng

RT: 19.974 min Scan# 2837

Delta R.T. -0.006 min

Lab File: BM039056.D

Acq: 20 Mar 2023 22:26

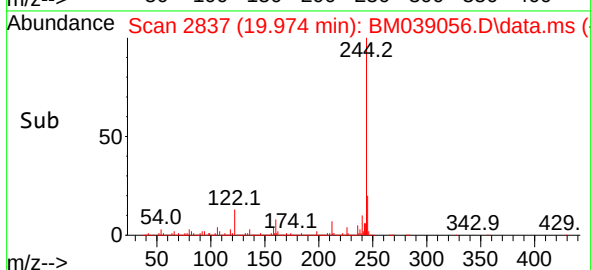
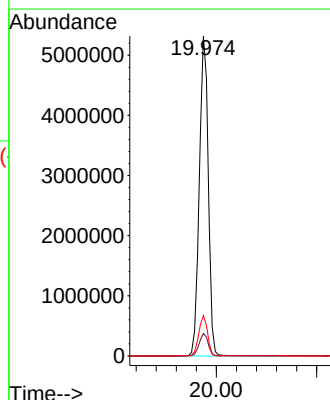
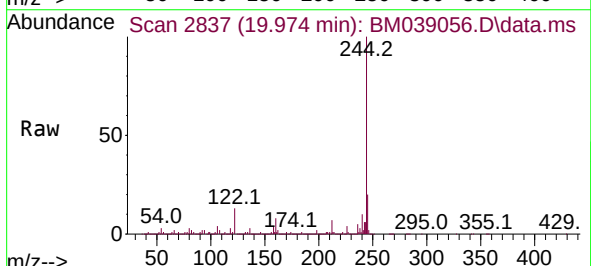
Tgt Ion:244 Resp: 6567662

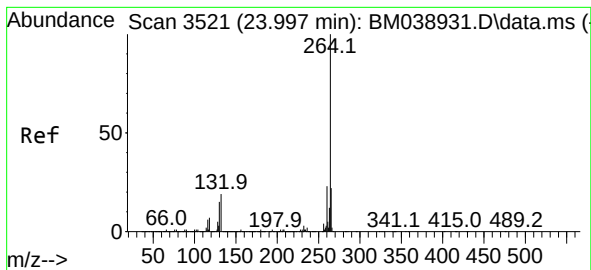
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 12.6 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BM039056.D

Acq: 20 Mar 2023 22:26

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 1271138

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.1 17.9 26.9

