

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039057.D
 Acq On : 20 Mar 2023 23:04
 Operator : CG/JU
 Sample : 01964-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MAPLE-5

Quant Time: Mar 21 01:52:33 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)

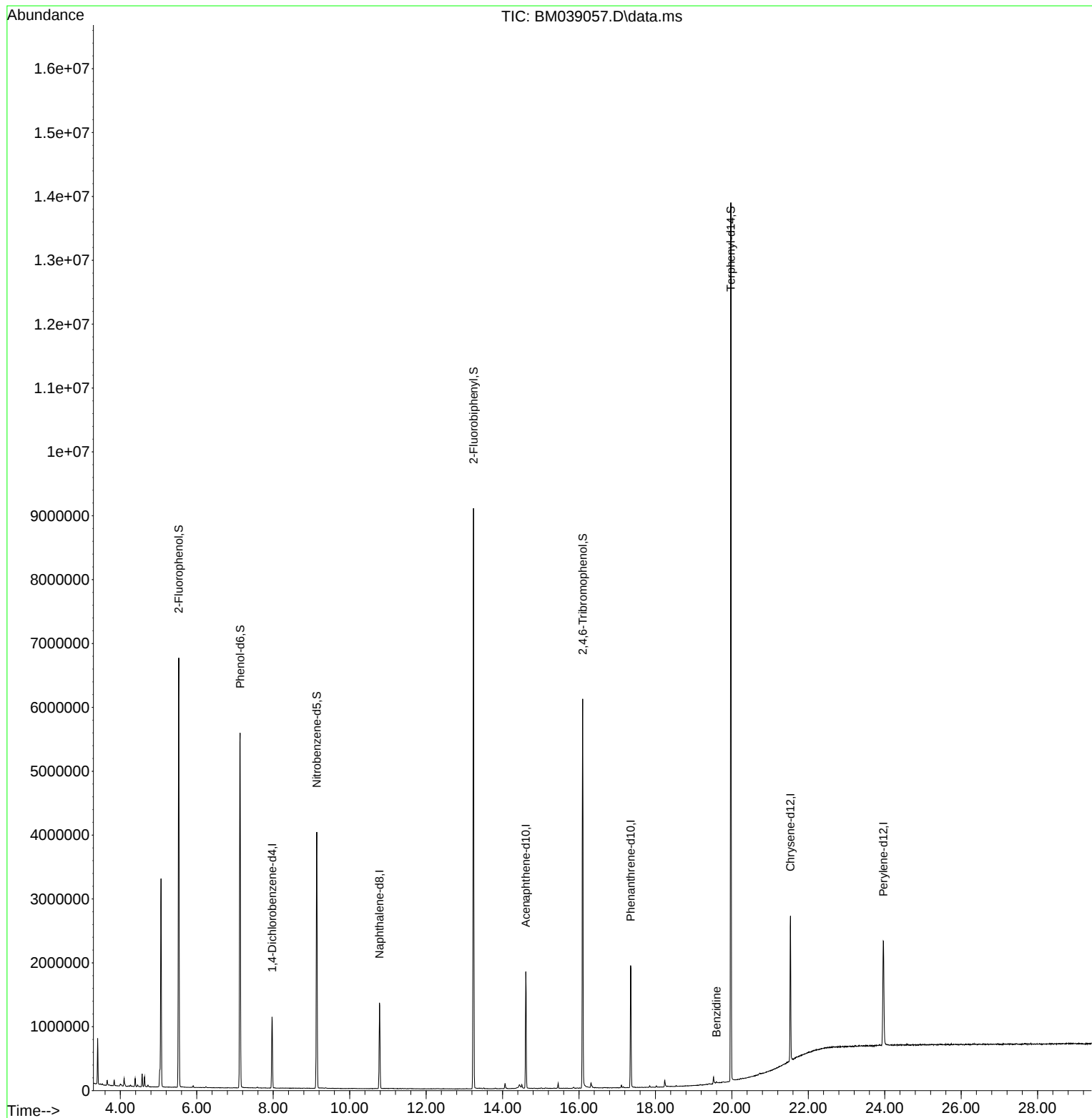
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	286800	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1097669	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	582665	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1144181	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1044139	20.000	ng	0.00
86) Perylene-d12	23.962	264	1216268	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2782462	147.398	ng	0.00
7) Phenol-d6	7.134	99	3144464	128.243	ng	0.00
23) Nitrobenzene-d5	9.140	82	2242786	100.365	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1001464	148.574	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4342447	97.019	ng	0.00
79) Terphenyl-d14	19.974	244	6090113	106.640	ng	0.00
Target Compounds						
77) Benzdine	19.598	184	15598	5.465	ng	Qvalue 95

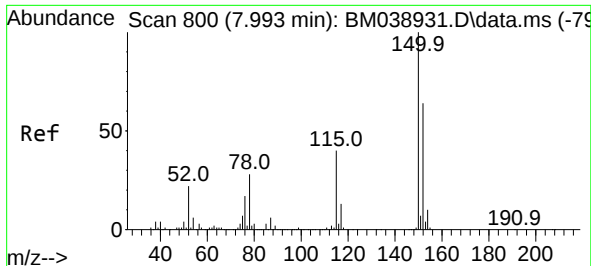
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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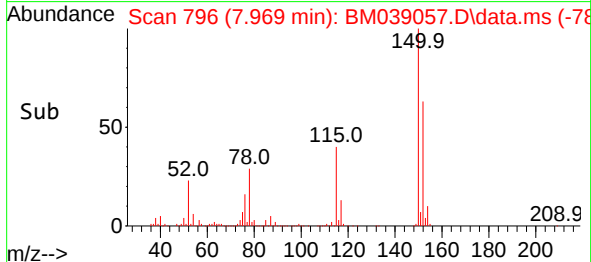
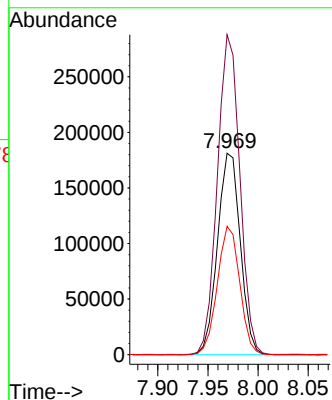
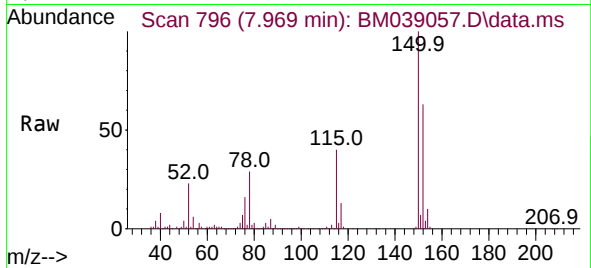




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

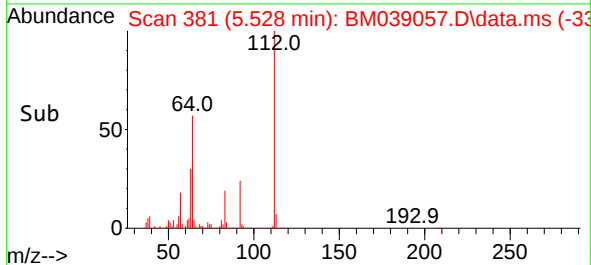
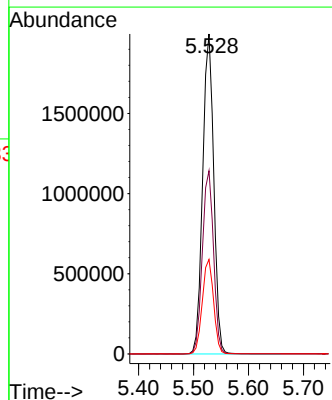
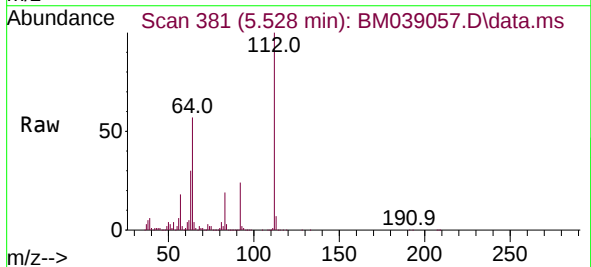
Instrument :
BNA_M
ClientSampleId :
MAPLE-5

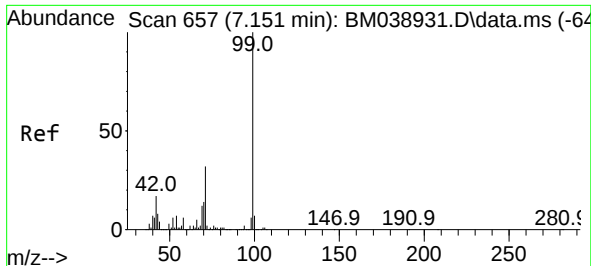
Tgt Ion:152 Resp: 286800
Ion Ratio Lower Upper
152 100
150 159.0 125.1 187.7
115 63.7 49.6 74.4



#5
2-Fluorophenol
Concen: 147.398 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion:112 Resp: 2782462
Ion Ratio Lower Upper
112 100
64 57.2 45.9 68.9
63 29.5 23.8 35.8

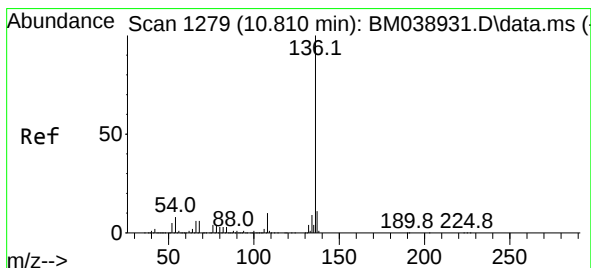
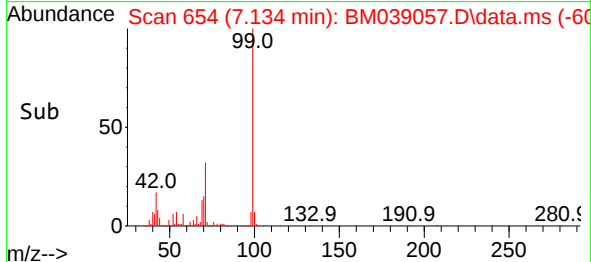
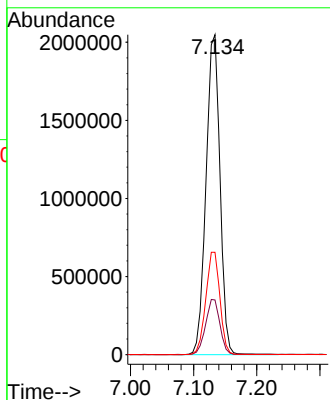
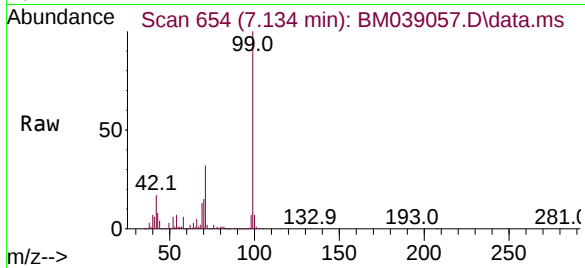




#7
Phenol-d6
Concen: 128.243 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

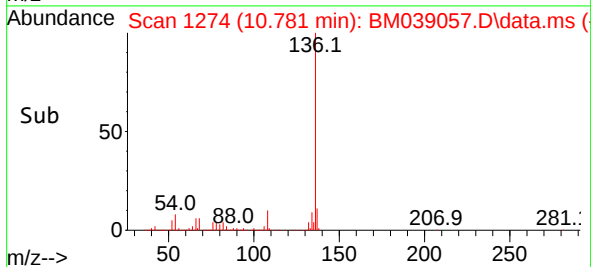
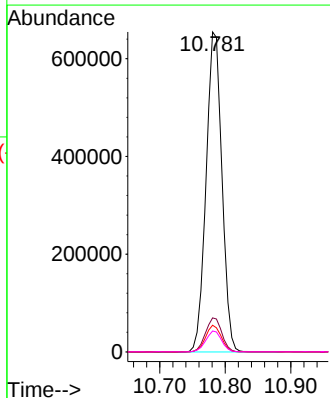
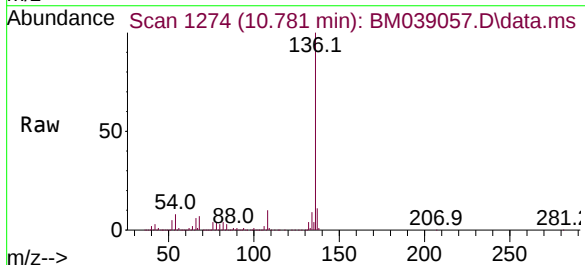
Instrument :
BNA_M
ClientSampleId :
MAPLE-5

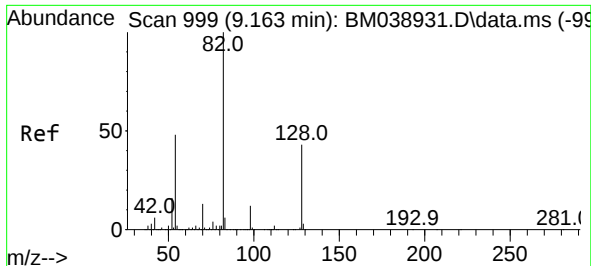
Tgt Ion: 99 Resp: 3144464
Ion Ratio Lower Upper
99 100
42 17.1 13.5 20.3
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion: 136 Resp: 1097669
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.3 6.3 9.5
68 6.5 5.0 7.6

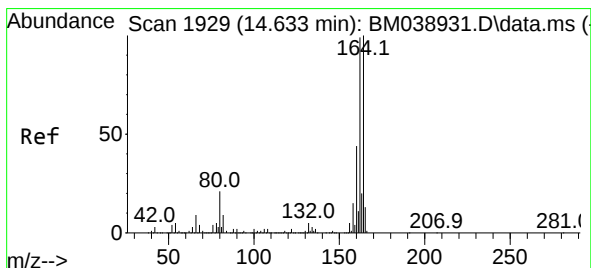
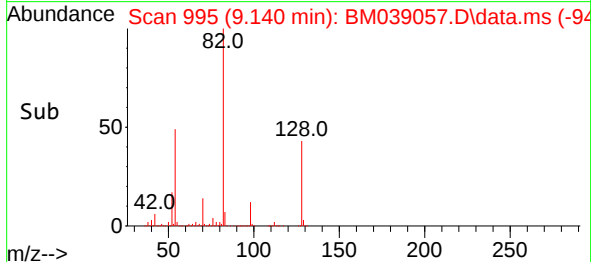
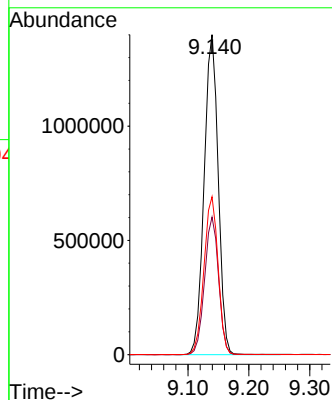
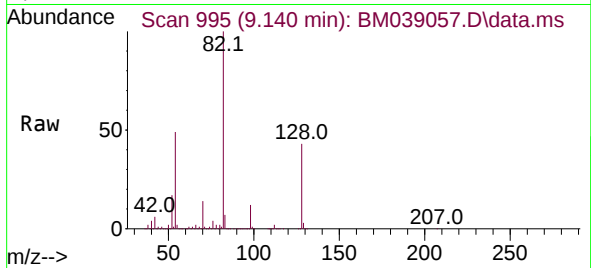




#23
Nitrobenzene-d5
Concen: 100.365 ng
RT: 9.140 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

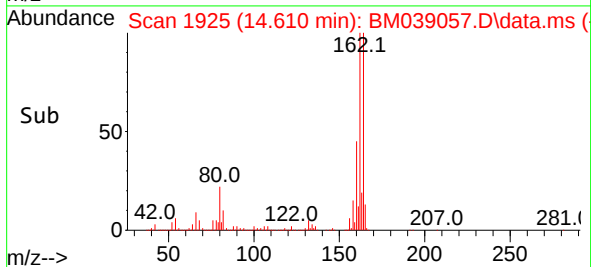
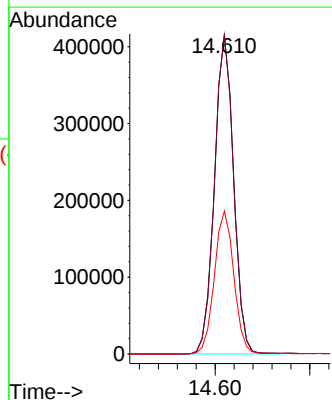
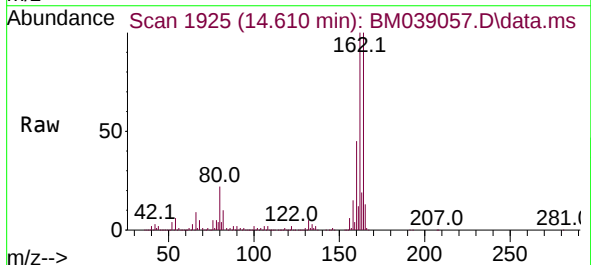
Instrument :
BNA_M
ClientSampleId :
MAPLE-5

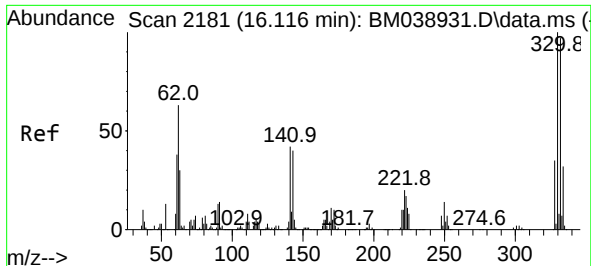
Tgt Ion: 82 Resp: 2242786
Ion Ratio Lower Upper
82 100
128 43.0 34.4 51.6
54 49.3 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion: 164 Resp: 582665
Ion Ratio Lower Upper
164 100
162 100.5 79.2 118.8
160 44.8 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 148.574 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039057.D

Acq: 20 Mar 2023 23:04

Instrument :

BNA_M

ClientSampleId :

MAPLE-5

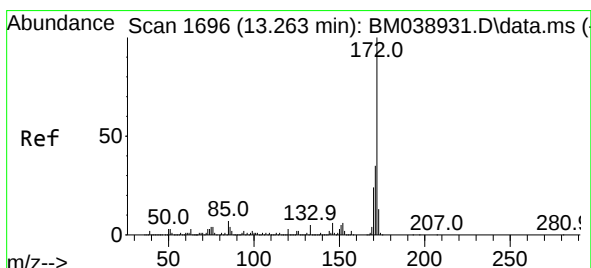
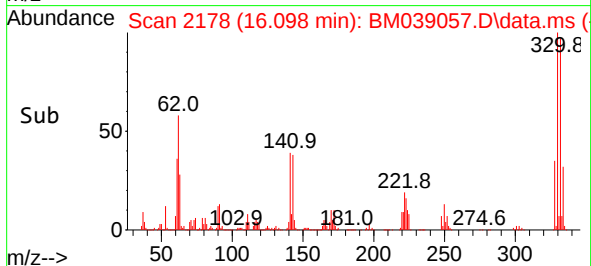
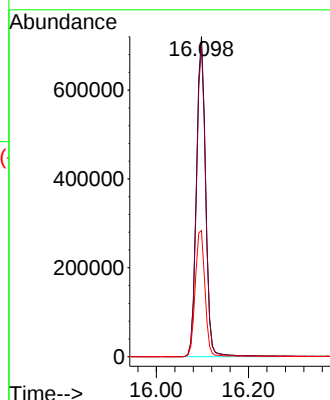
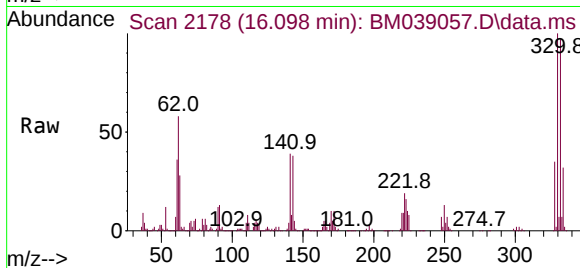
Tgt Ion:330 Resp: 1001464

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 42.0 32.2 48.4



#45

2-Fluorobiphenyl

Concen: 97.019 ng

RT: 13.239 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM039057.D

Acq: 20 Mar 2023 23:04

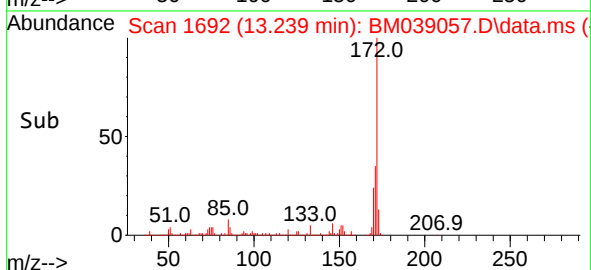
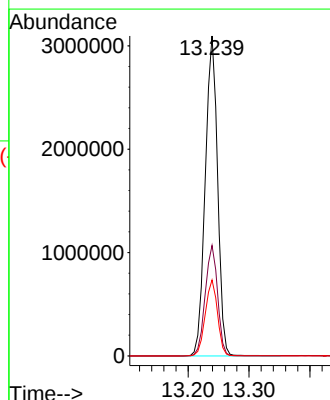
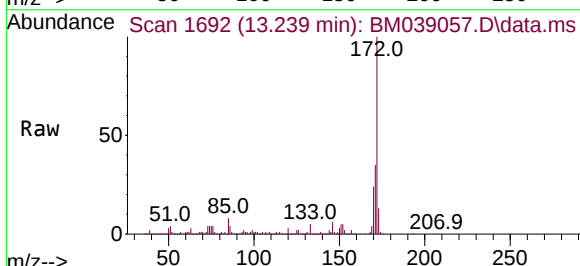
Tgt Ion:172 Resp: 4342447

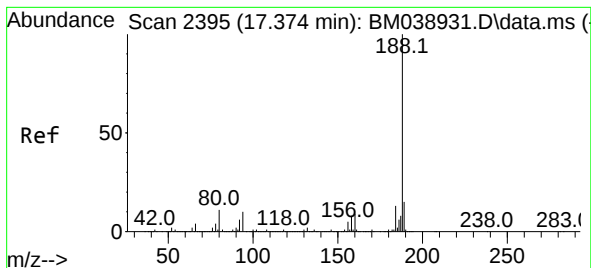
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.2

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 23

Delta R.T. -0.012 min

Lab File: BM039057.D

Acq: 20 Mar 2023 23:04

Instrument :

BNA_M

ClientSampleId :

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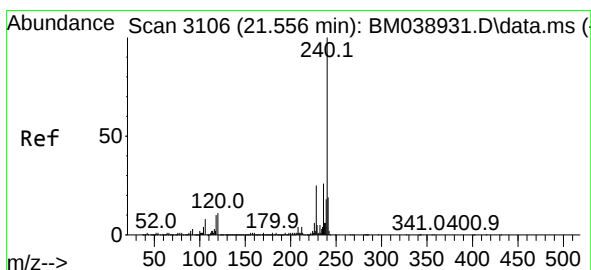
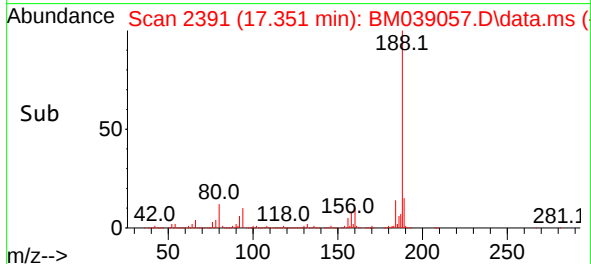
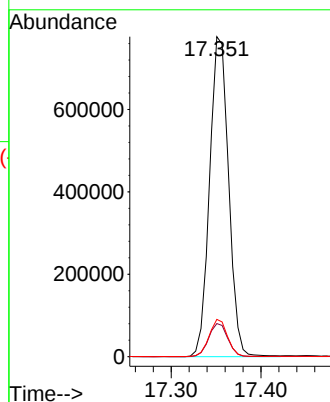
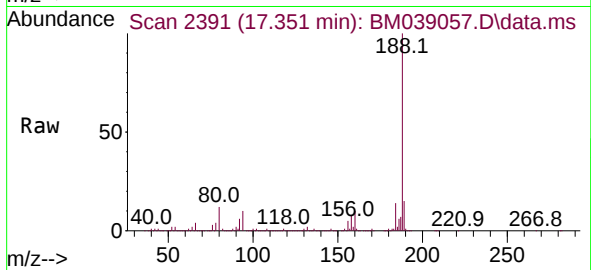
Tgt Ion:188 Resp: 1144181

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.6 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: BM039057.D

Acq: 20 Mar 2023 23:04

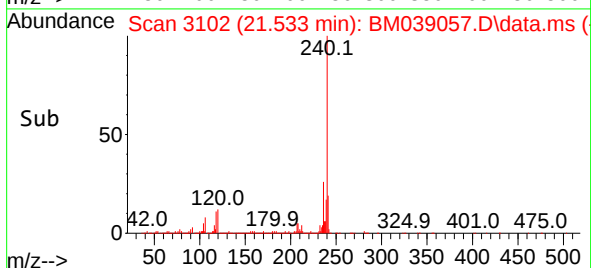
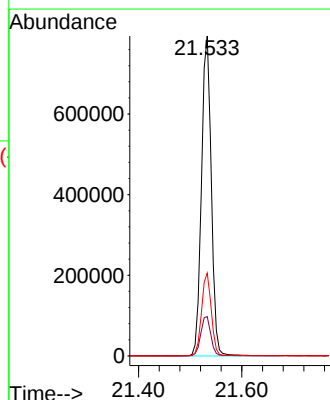
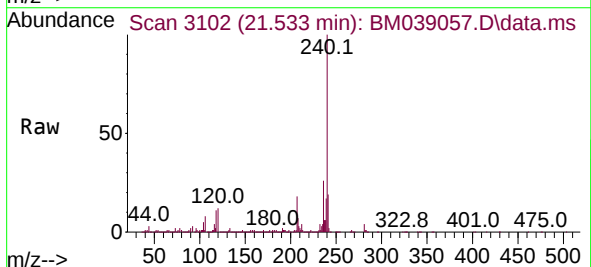
Tgt Ion:240 Resp: 1044139

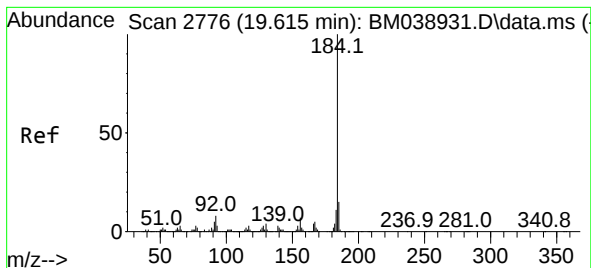
Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

236 25.9 20.8 31.2





#77

Benzidine

Concen: 5.465 ng

RT: 19.598 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039057.D

Acq: 20 Mar 2023 23:04

Instrument :

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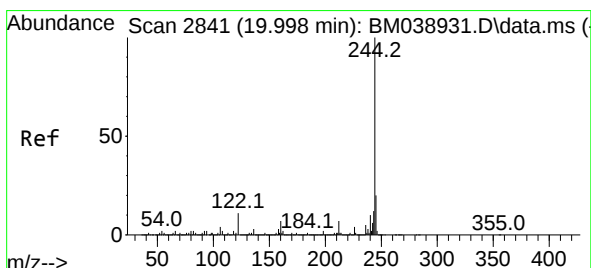
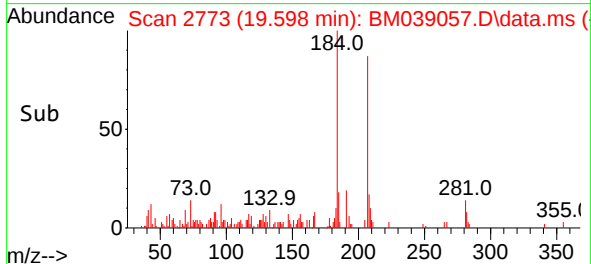
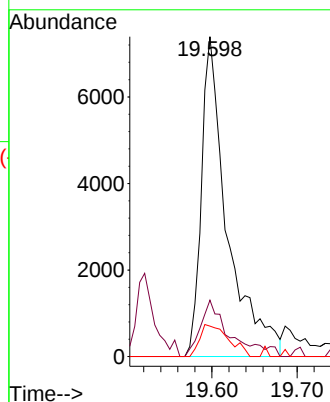
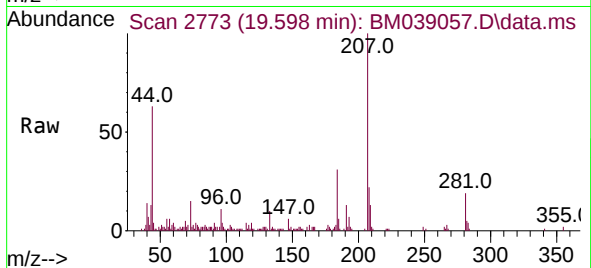
Tgt Ion:184 Resp: 15598

Ion Ratio Lower Upper

184 100

185 17.6 12.2 18.4

183 9.5 8.8 13.2



#79

Terphenyl-d14

Concen: 106.640 ng

RT: 19.974 min Scan# 2837

Delta R.T. -0.006 min

Lab File: BM039057.D

Acq: 20 Mar 2023 23:04

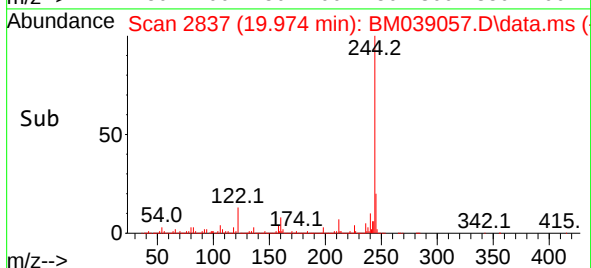
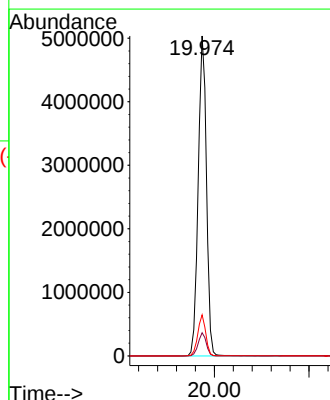
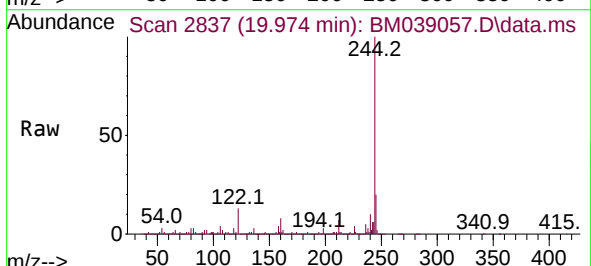
Tgt Ion:244 Resp: 6090113

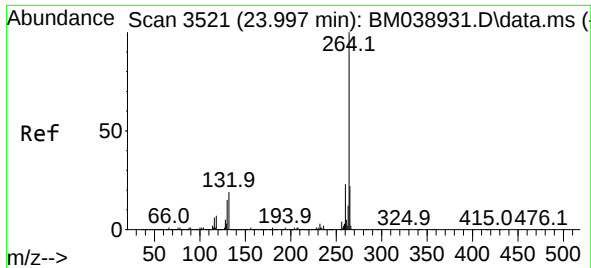
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 12.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.962 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BM039057.D
 Acq: 20 Mar 2023 23:04

Instrument :
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Tgt Ion:264 Resp: 1216268
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.2 17.9 26.9

