

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039264.D
 Acq On : 31 Mar 2023 21:50
 Operator : CG/JU
 Sample : 02104-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-37-GW01

Quant Time: Apr 01 05:22:18 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)

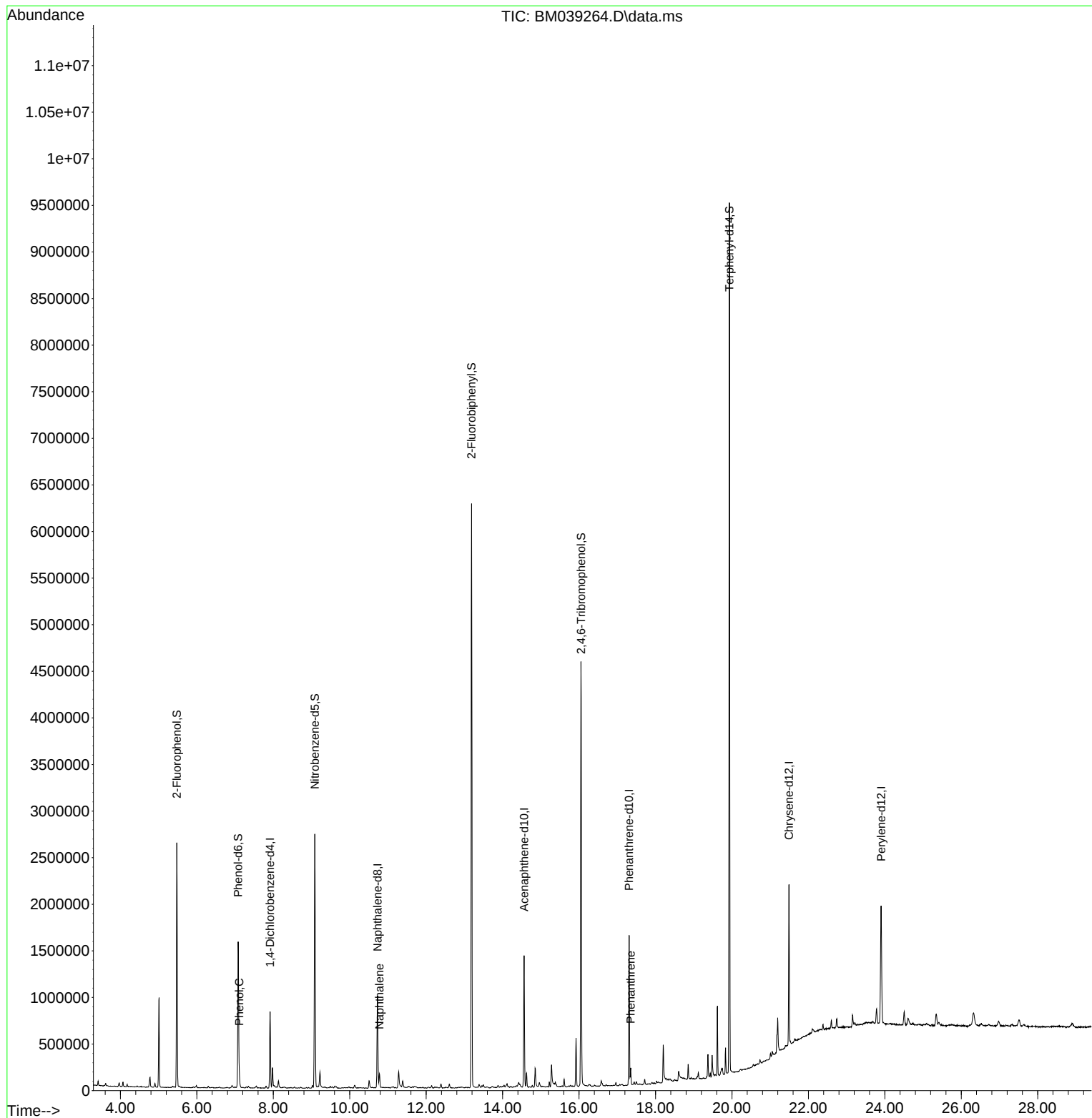
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	205679	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	808757	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	455047	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	890133	20.000	ng	0.00
76) Chrysene-d12	21.492	240	756678	20.000	ng	0.00
86) Perylene-d12	23.903	264	926857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1077071	78.896	ng	0.00
7) Phenol-d6	7.081	99	888551	50.321	ng	0.00
23) Nitrobenzene-d5	9.086	82	1520821	91.394	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	780211	135.069	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3140299	93.503	ng	0.00
79) Terphenyl-d14	19.933	244	4058495	99.095	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.110	94	76926	4.347	ng	99
31) Naphthalene	10.775	128	111698	2.563	ng	99
71) Phenanthrene	17.351	178	99191	2.035	ng	99

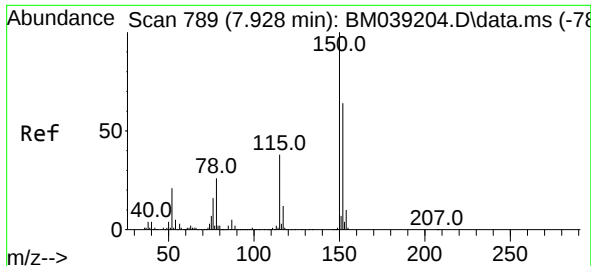
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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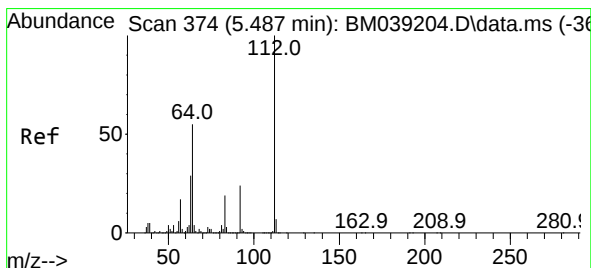
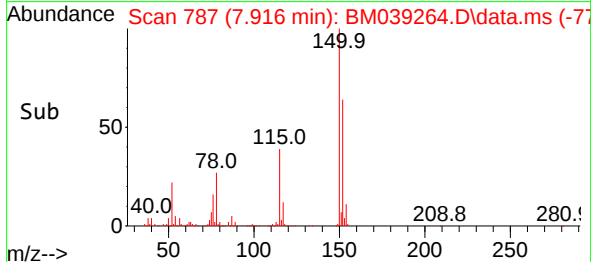
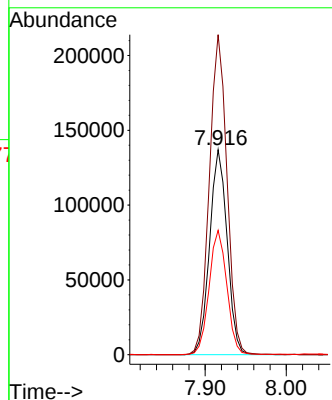
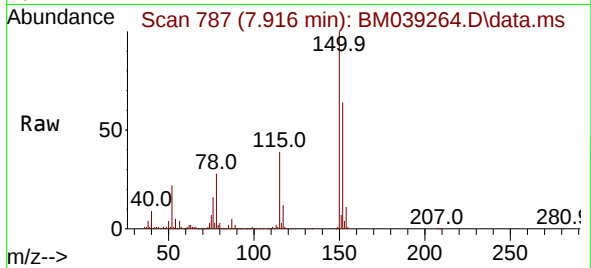




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM039264.D
Acq: 31 Mar 2023 21:50

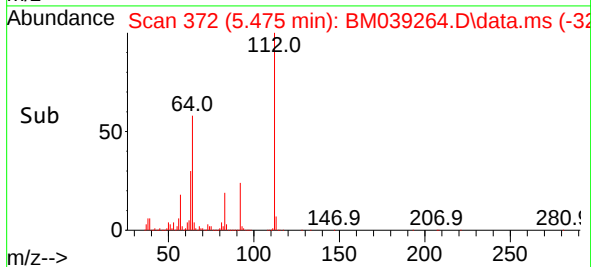
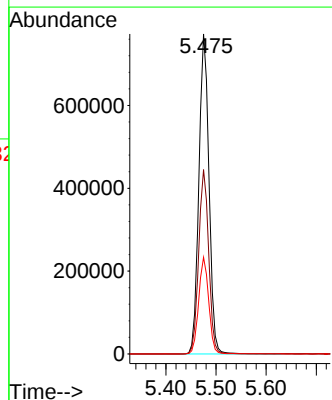
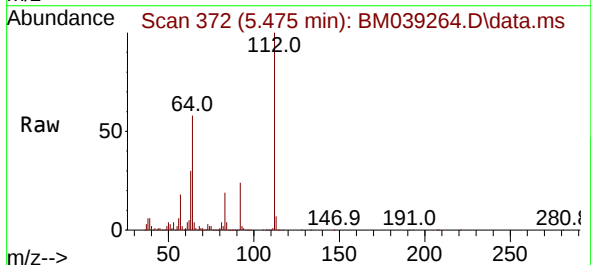
Instrument :
BNA_M
ClientSampleId :
B-37-GW01

Tgt Ion:152 Resp: 205679
Ion Ratio Lower Upper
152 100
150 156.1 125.5 188.3
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 78.896 ng
RT: 5.475 min Scan# 372
Delta R.T. -0.000 min
Lab File: BM039264.D
Acq: 31 Mar 2023 21:50

Tgt Ion:112 Resp: 1077071
Ion Ratio Lower Upper
112 100
64 57.6 44.3 66.5
63 30.2 23.0 34.6

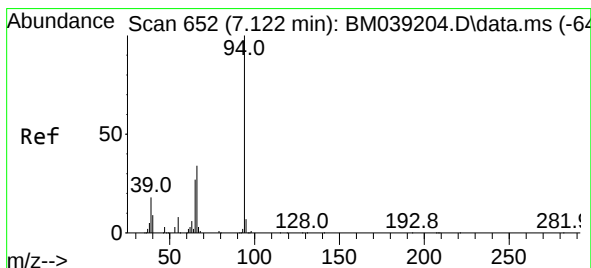
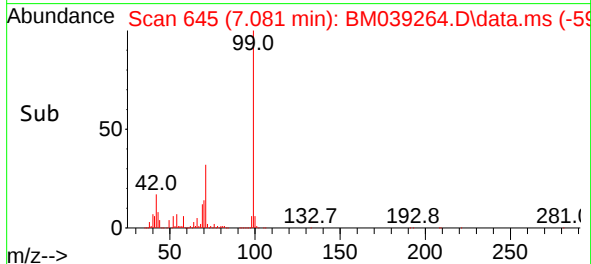
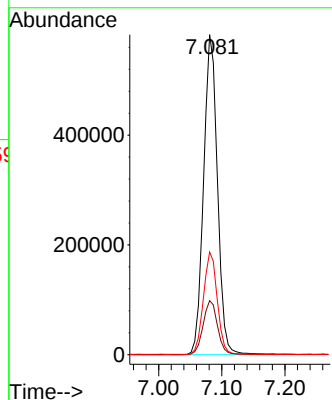
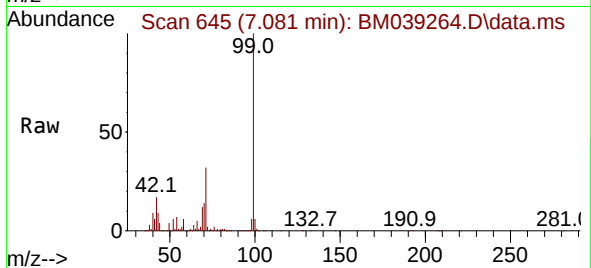




#7
Phenol-d6
Concen: 50.321 ng
RT: 7.081 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039264.D
Acq: 31 Mar 2023 21:50

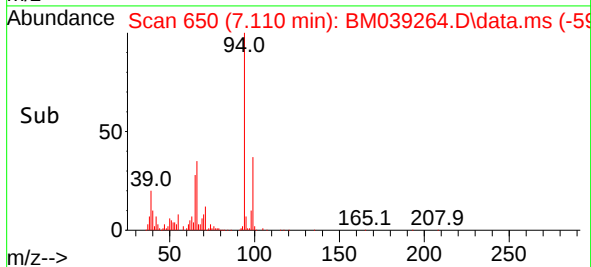
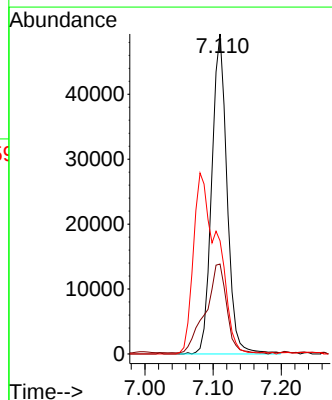
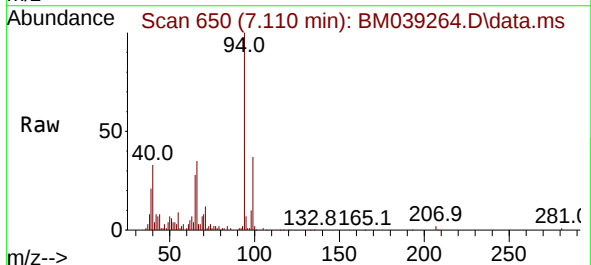
Instrument :
BNA_M
ClientSampleId :
B-37-GW01

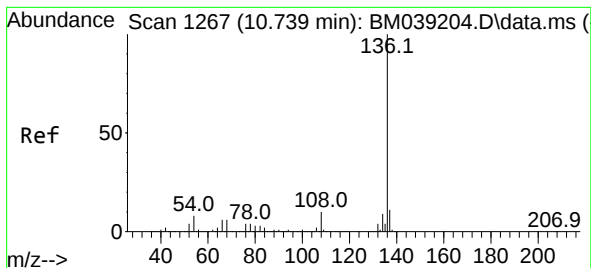
Tgt Ion: 99 Resp: 888551
Ion Ratio Lower Upper
99 100
42 16.9 13.0 19.6
71 32.1 25.5 38.3



#10
Phenol
Concen: 4.347 ng
RT: 7.110 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM039264.D
Acq: 31 Mar 2023 21:50

Tgt Ion: 94 Resp: 76926
Ion Ratio Lower Upper
94 100
65 28.1 7.2 47.2
66 35.3 15.2 55.2



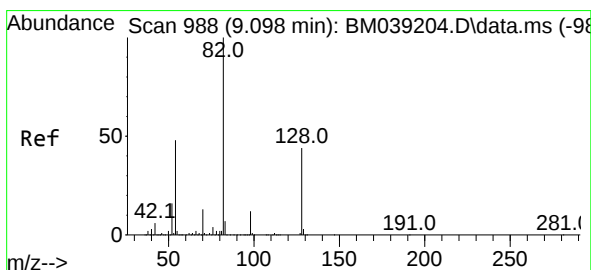
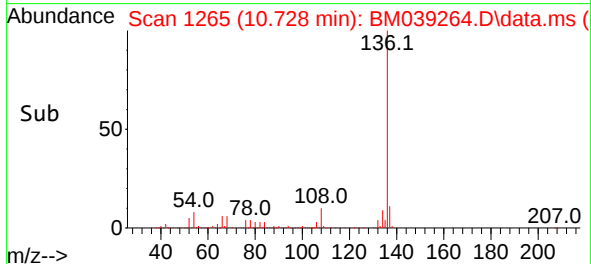
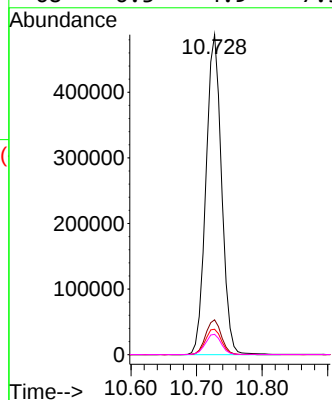
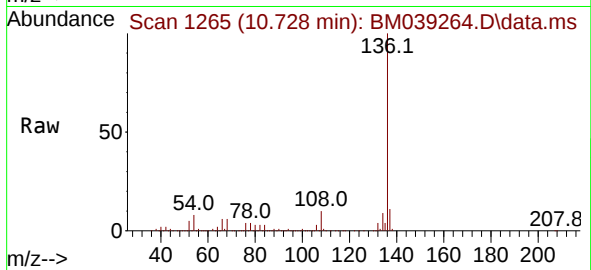


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039264.D
Acq: 31 Mar 2023 21:50

Instrument :
BNA_M
ClientSampleId :
B-37-GW01

Tgt Ion:136 Resp: 808757

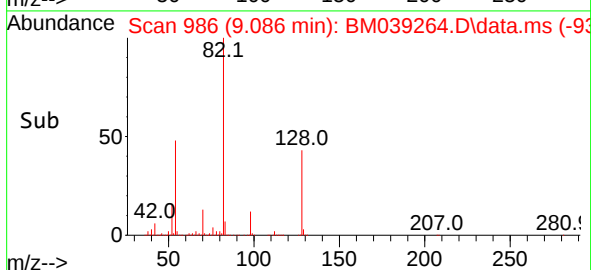
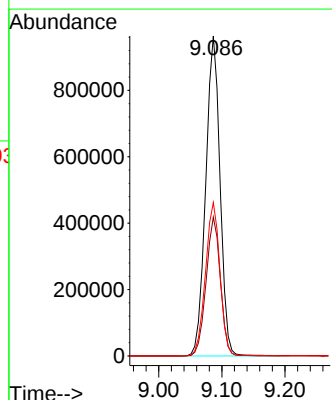
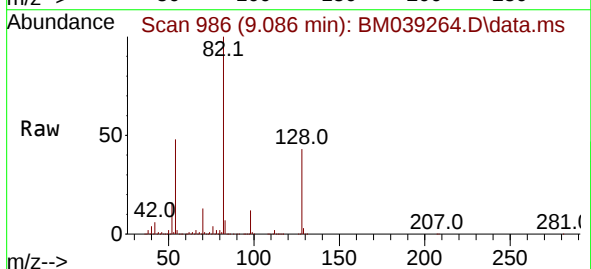
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.2	9.4
68	6.3	4.9	7.3

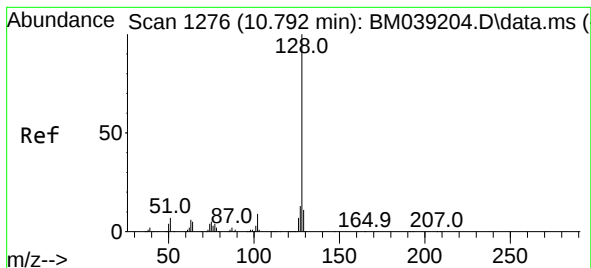


#23
Nitrobenzene-d5
Concen: 91.394 ng
RT: 9.086 min Scan# 986
Delta R.T. -0.000 min
Lab File: BM039264.D
Acq: 31 Mar 2023 21:50

Tgt Ion: 82 Resp: 1520821

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.1	52.7
54	48.0	38.5	57.7





#31

Naphthalene

Concen: 2.563 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

Instrument :

BNA_M

ClientSampleId :

B-37-GW01

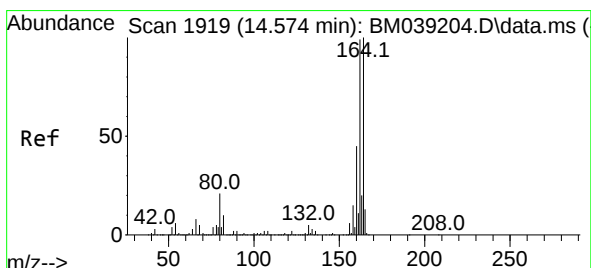
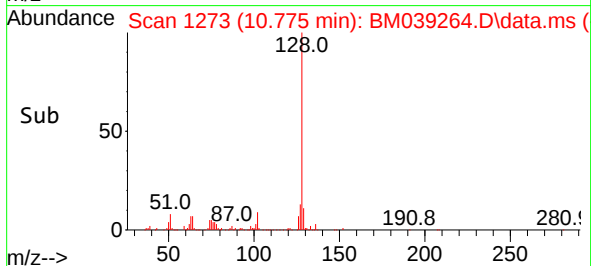
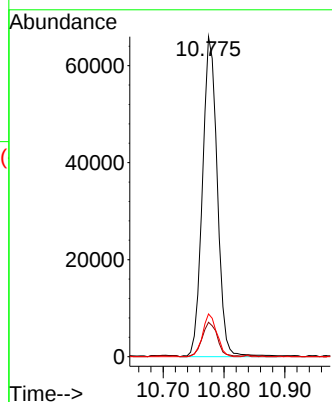
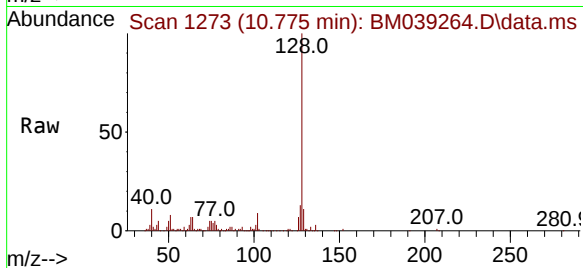
Tgt Ion:128 Resp: 111698

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.4 10.3 15.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

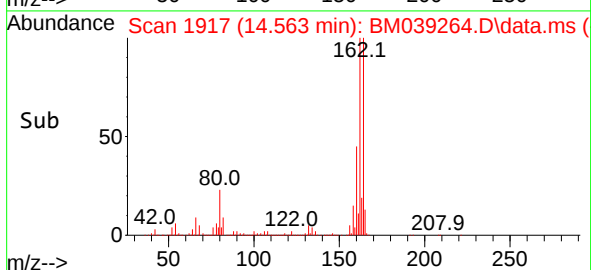
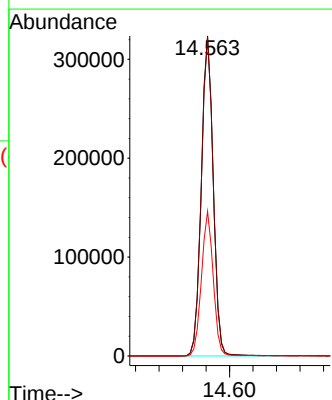
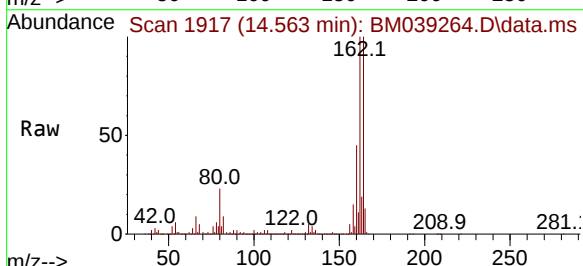
Tgt Ion:164 Resp: 455047

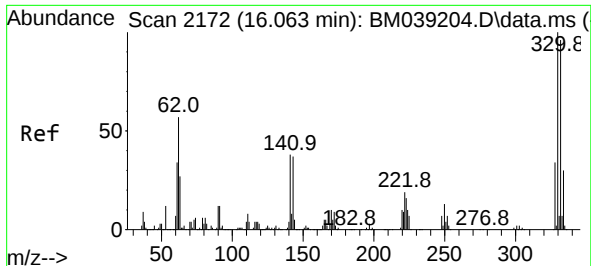
Ion Ratio Lower Upper

164 100

162 99.6 79.1 118.7

160 45.2 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 135.069 ng

RT: 16.057 min Scan# 2171

Delta R.T. -0.000 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

Instrument :

BNA_M

ClientSampleId :

B-37-GW01

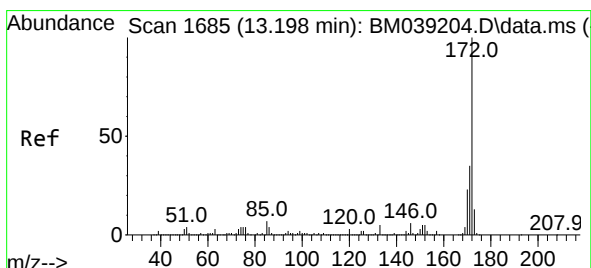
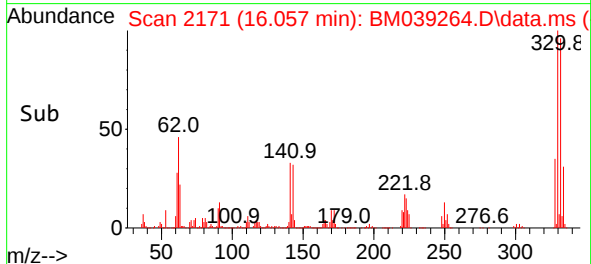
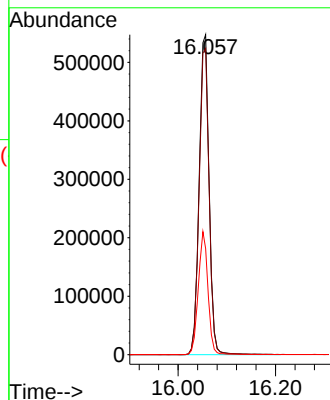
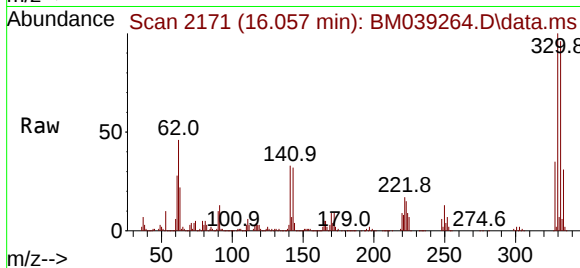
Tgt Ion:330 Resp: 780211

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 37.4 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 93.503 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

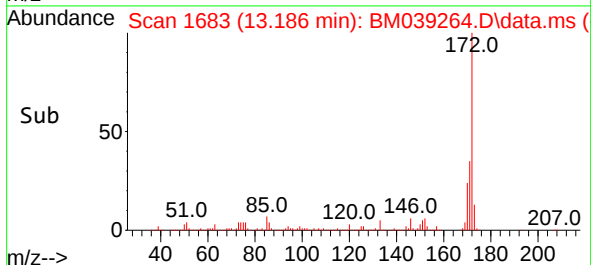
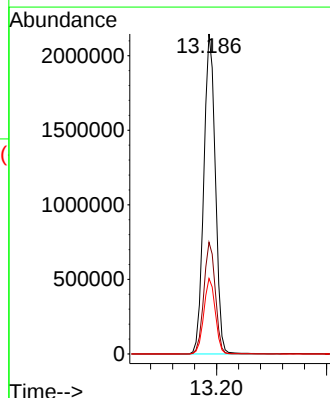
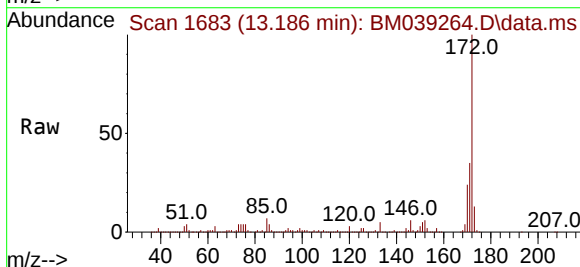
Tgt Ion:172 Resp: 3140299

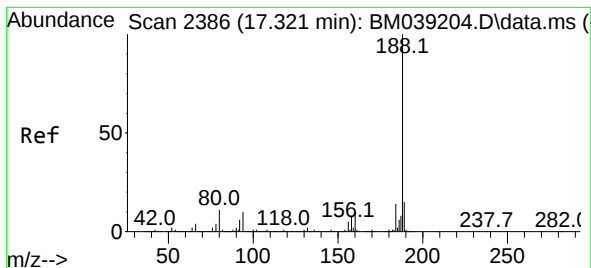
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

Instrument :

BNA_M

ClientSampleId :

B-37-GW01

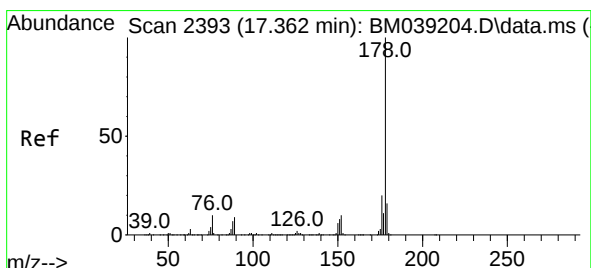
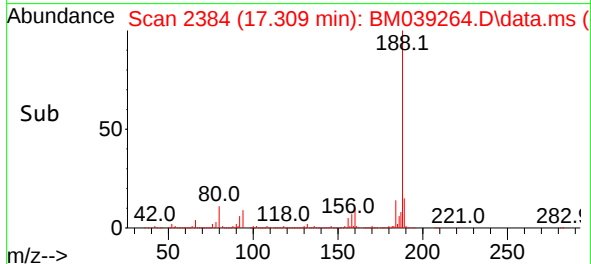
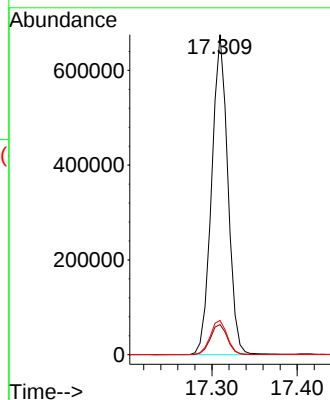
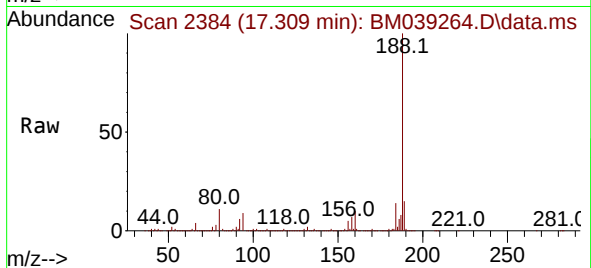
Tgt Ion:188 Resp: 890133

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

80 10.7 8.9 13.3



#71

Phenanthrene

Concen: 2.035 ng

RT: 17.351 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

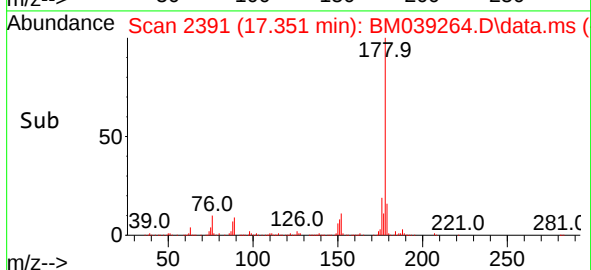
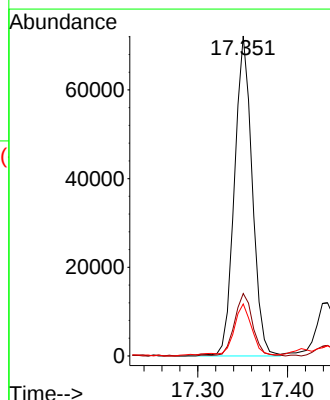
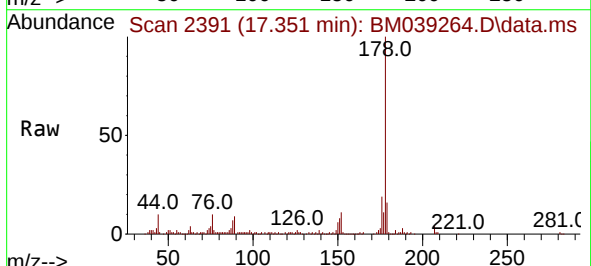
Tgt Ion:178 Resp: 99191

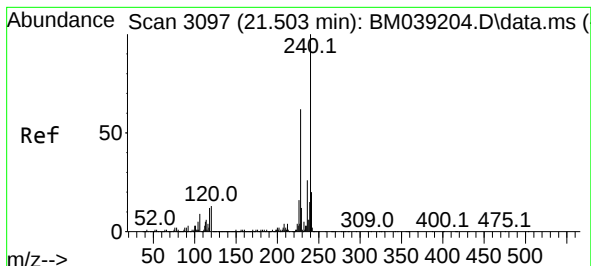
Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 16.3 12.4 18.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

Instrument :

BNA_M

ClientSampleId :

B-37-GW01

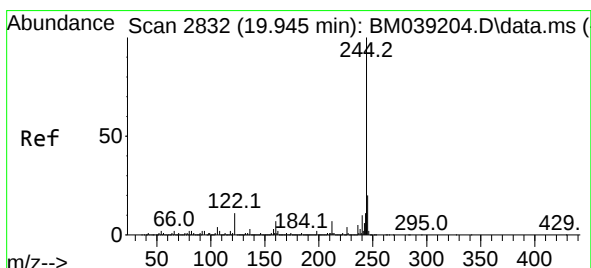
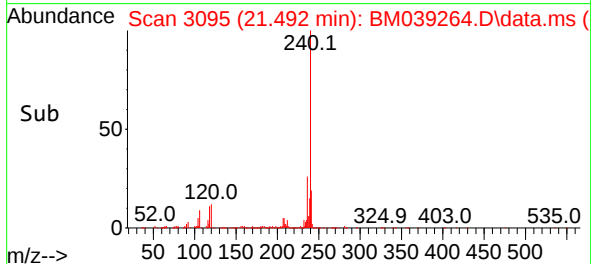
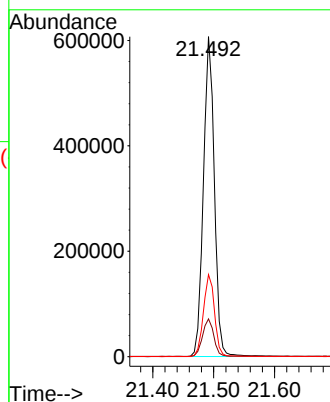
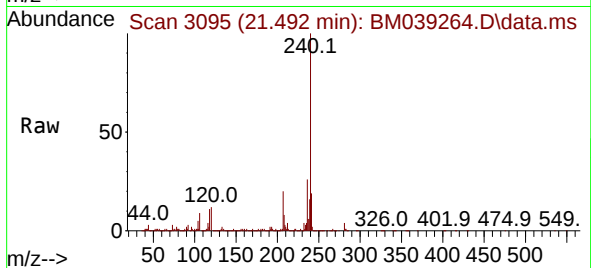
Tgt Ion:240 Resp: 756678

Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.2

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 99.095 ng

RT: 19.933 min Scan# 2830

Delta R.T. -0.000 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

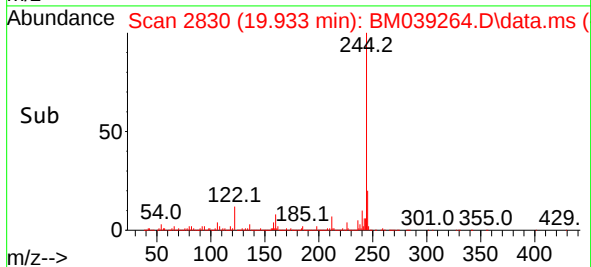
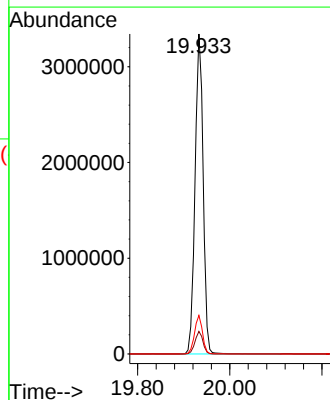
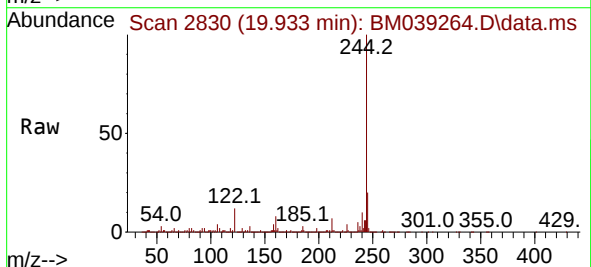
Tgt Ion:244 Resp: 4058495

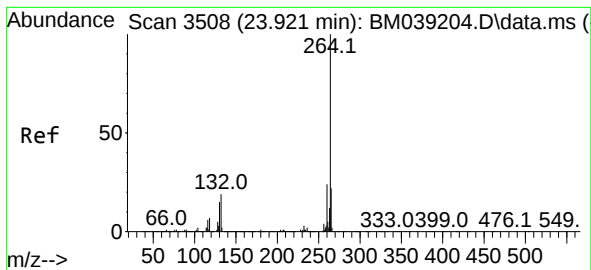
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.0 9.1 13.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.903 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

Instrument :

BNA_M

ClientSampleId :

B-37-GW01

Tgt Ion:264 Resp: 926857

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.3 18.1 27.1

