

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038679.D
 Acq On : 03 Feb 2023 14:06
 Operator : CG/JU
 Sample : PB150629BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150629BL

Quant Time: Feb 04 05:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	62754	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	194839	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	131175	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	239028	20.000	ng	0.00
76) Chrysene-d12	21.486	240	197887	20.000	ng	0.00
86) Perylene-d12	23.880	264	253699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	290144	90.570	ng	0.00
7) Phenol-d6	7.104	99	316938	86.745	ng	0.00
23) Nitrobenzene-d5	9.098	82	291664	85.027	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	124906	70.056	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	875515	84.972	ng	0.00
79) Terphenyl-d14	19.927	244	984864	87.826	ng	0.00

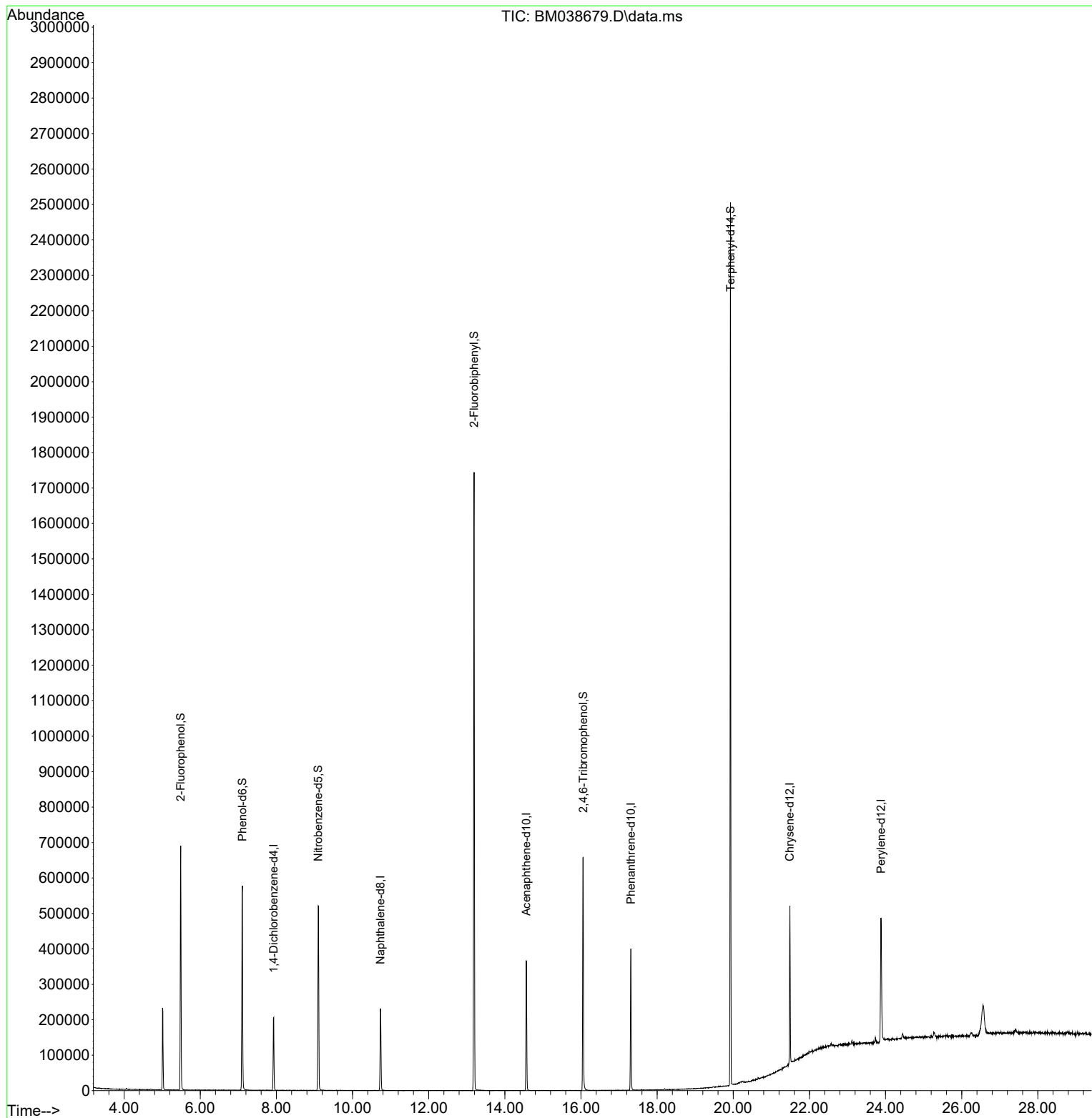
Target Compounds	Qvalue

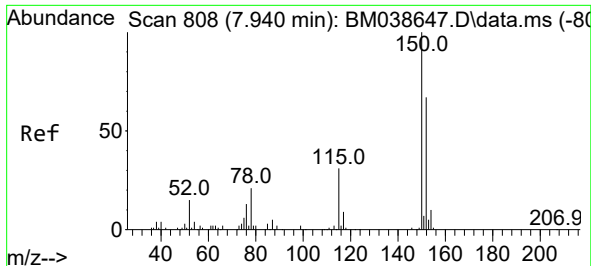
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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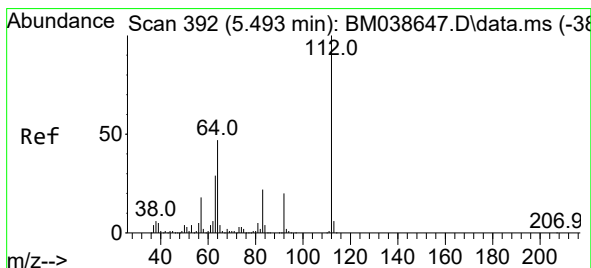
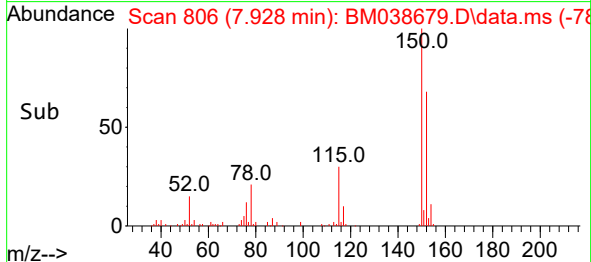
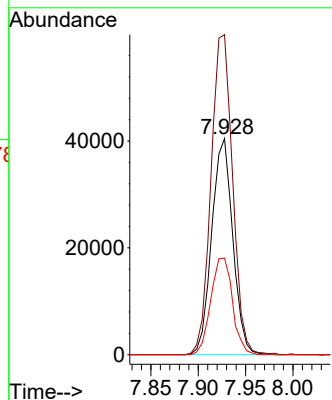
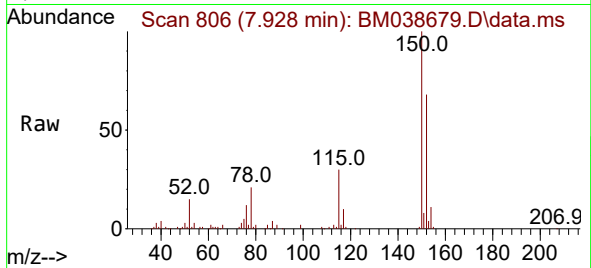




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM038679.D
Acq: 03 Feb 2023 14:06

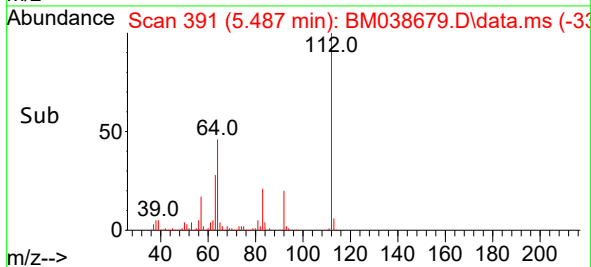
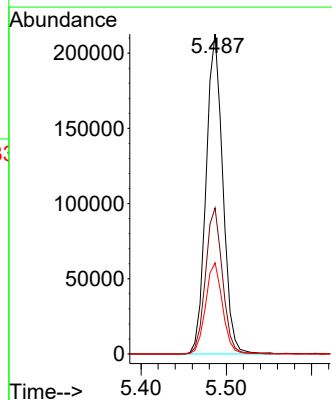
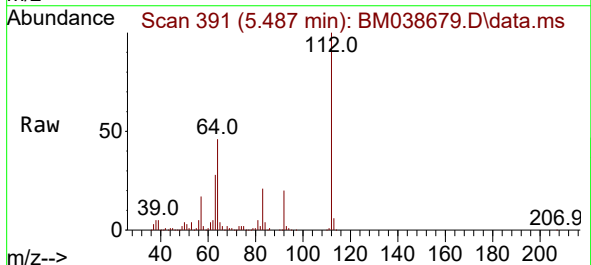
Instrument :
BNA_M
ClientSampleId :
PB150629BL

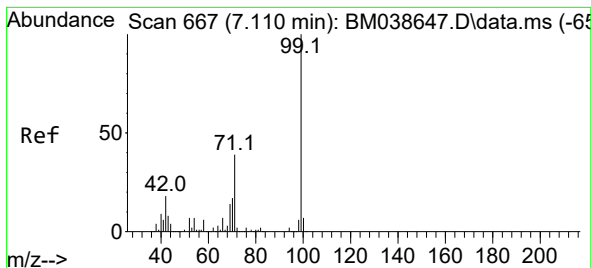
Tgt Ion:152 Resp: 62754
Ion Ratio Lower Upper
152 100
150 148.0 119.5 179.3
115 44.6 37.6 56.4



#5
2-Fluorophenol
Concen: 90.570 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038679.D
Acq: 03 Feb 2023 14:06

Tgt Ion:112 Resp: 290144
Ion Ratio Lower Upper
112 100
64 45.7 37.9 56.9
63 28.5 23.3 34.9





#7

Phenol-d6

Concen: 86.745 ng

RT: 7.104 min Scan# 6

Delta R.T. 0.006 min

Lab File: BM038679.D

Acq: 03 Feb 2023 14:06

Instrument :

BNA_M

ClientSampleId :

PB150629BL

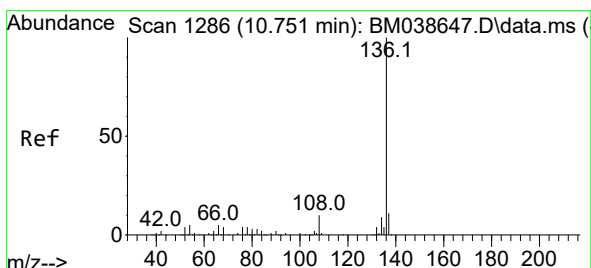
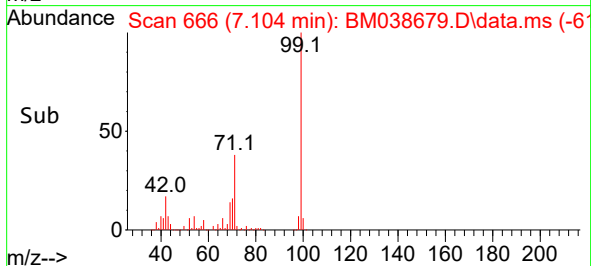
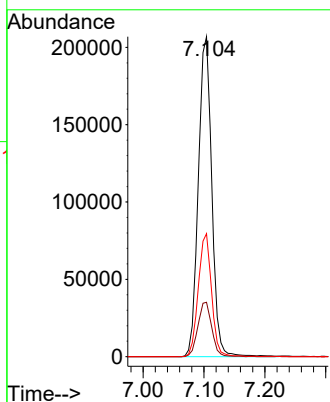
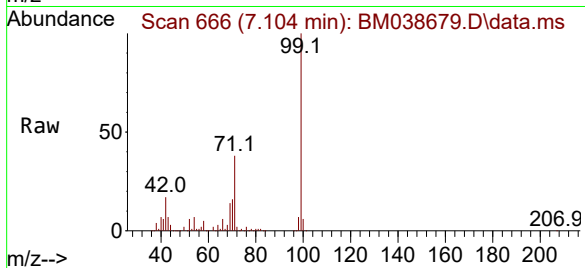
Tgt Ion: 99 Resp: 316938

Ion Ratio Lower Upper

99 100

42 17.0 14.6 22.0

71 38.5 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.733 min Scan# 1283

Delta R.T. -0.000 min

Lab File: BM038679.D

Acq: 03 Feb 2023 14:06

Tgt Ion: 136 Resp: 194839

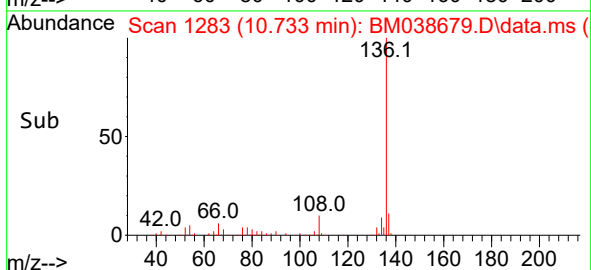
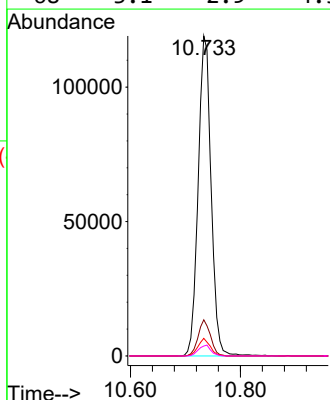
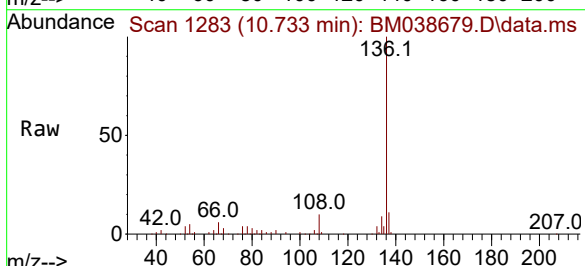
Ion Ratio Lower Upper

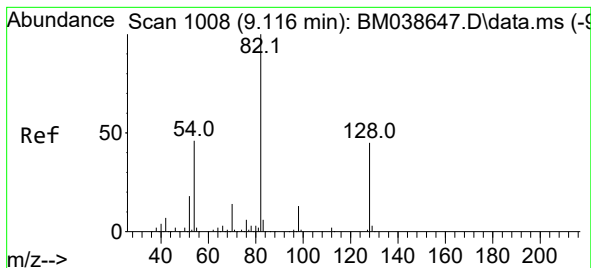
136 100

137 11.3 8.8 13.2

54 5.5 4.2 6.4

68 3.1 2.9 4.3





#23

Nitrobenzene-d5

Concen: 85.027 ng

RT: 9.098 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BM038679.D

Acq: 03 Feb 2023 14:06

Instrument :

BNA_M

ClientSampleId :

PB150629BL

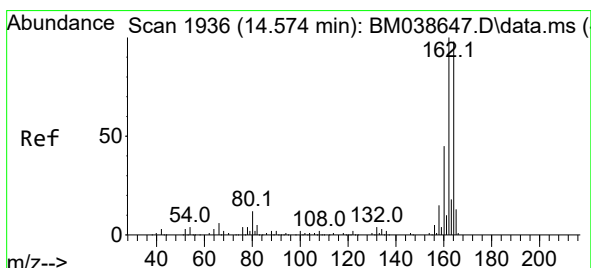
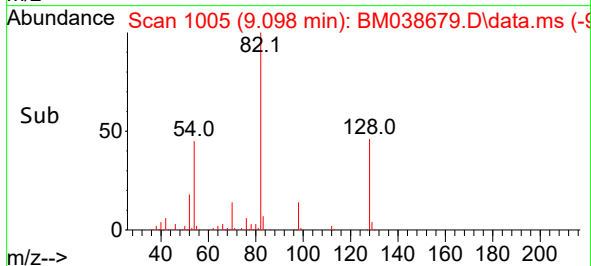
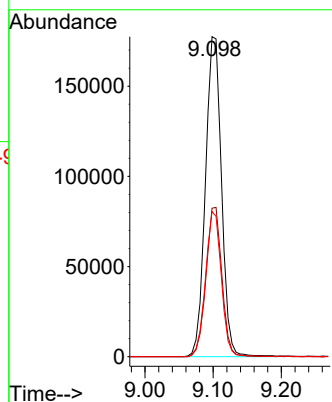
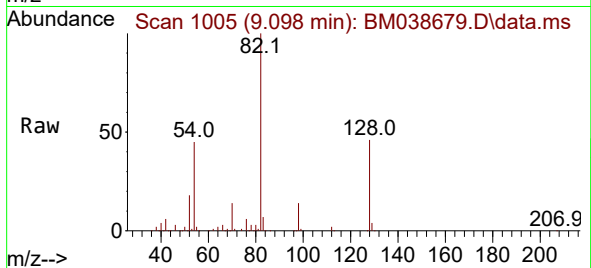
Tgt Ion: 82 Resp: 291664

Ion Ratio Lower Upper

82 100

128 46.4 36.0 54.0

54 45.3 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BM038679.D

Acq: 03 Feb 2023 14:06

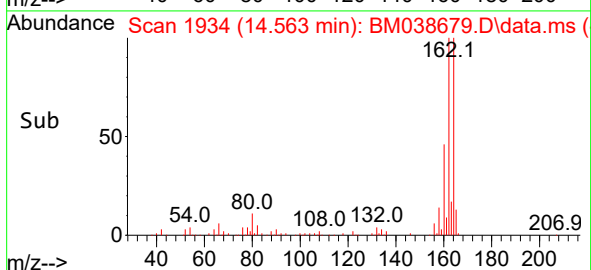
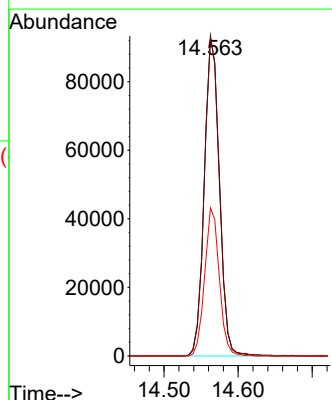
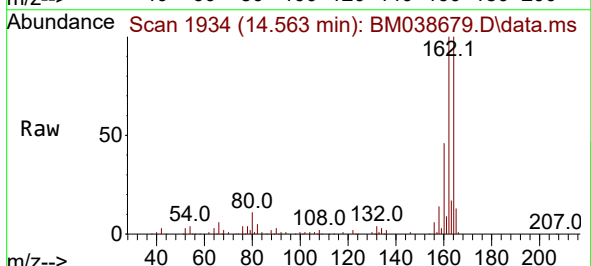
Tgt Ion: 164 Resp: 131175

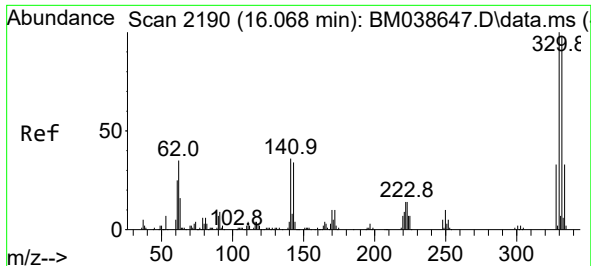
Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.0

160 46.3 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 70.056 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038679.D

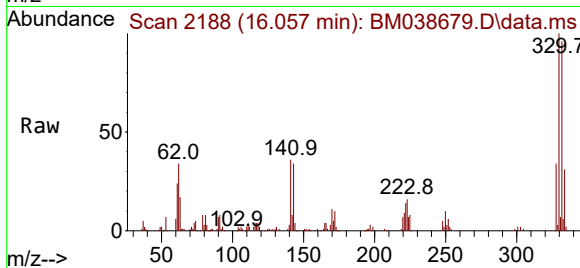
Acq: 03 Feb 2023 14:06

Instrument :

BNA_M

ClientSampleId :

PB150629BL



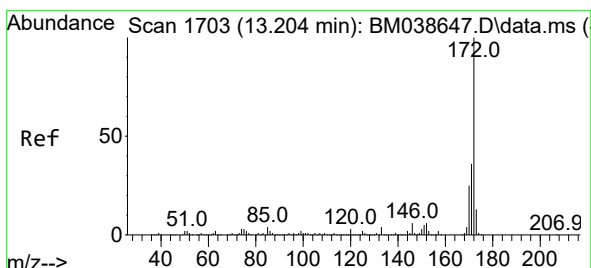
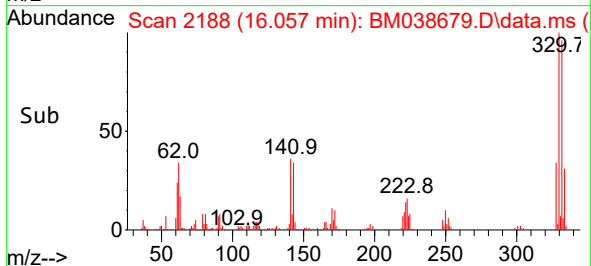
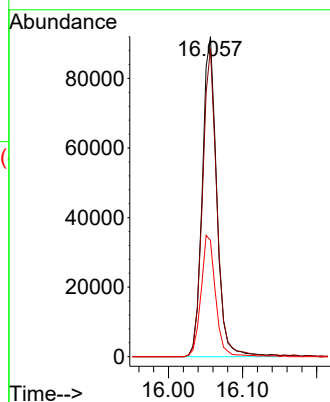
Tgt Ion:330 Resp: 124906

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

141 38.5 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 84.972 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BM038679.D

Acq: 03 Feb 2023 14:06

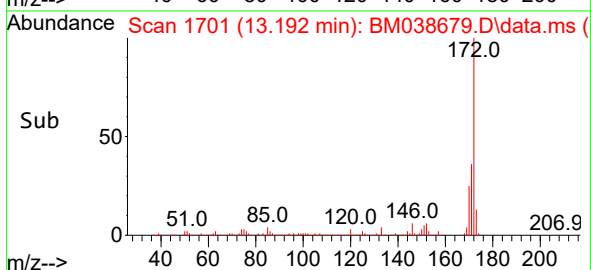
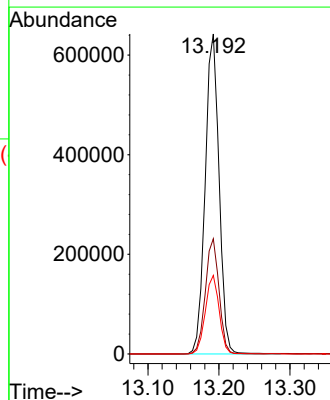
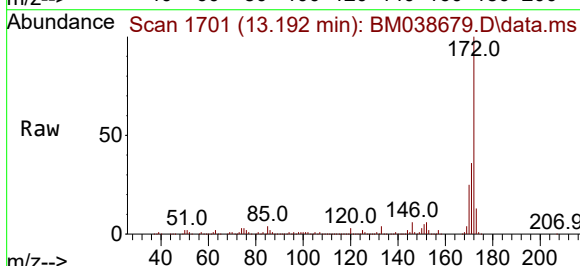
Tgt Ion:172 Resp: 875515

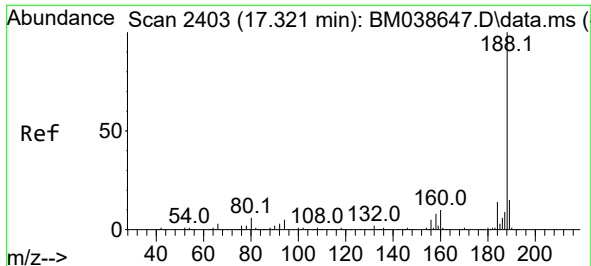
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 24.6 20.0 30.0

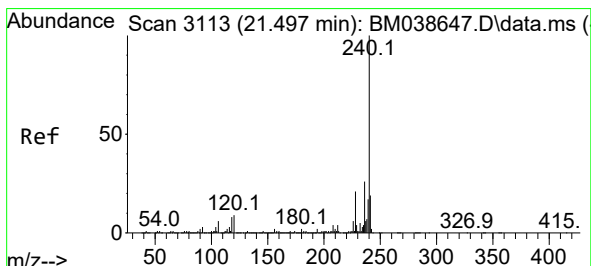
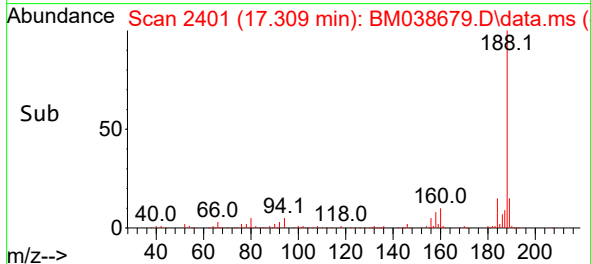
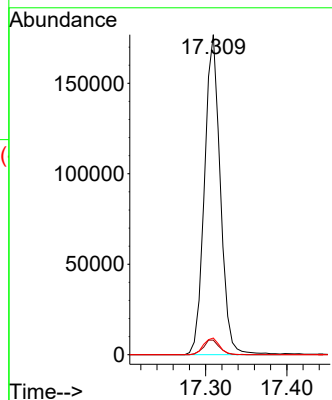
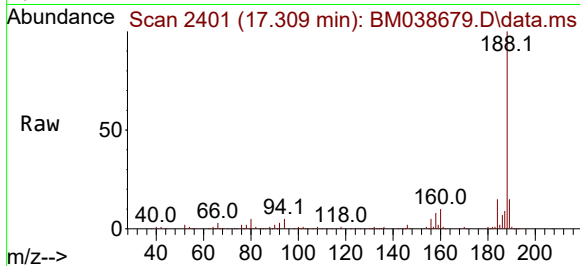




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM038679.D
Acq: 03 Feb 2023 14:06

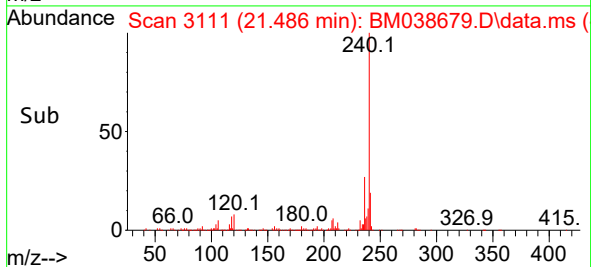
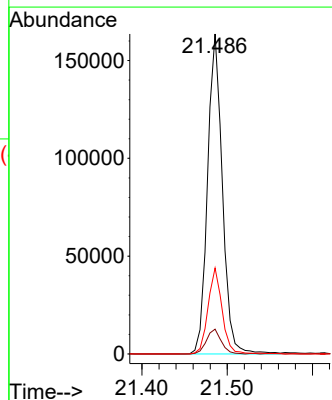
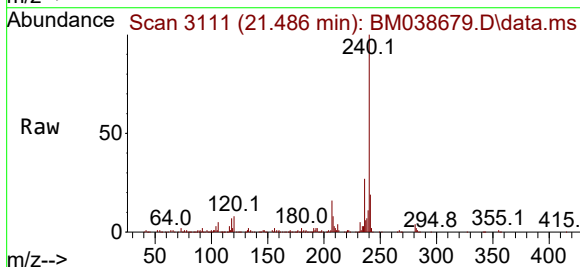
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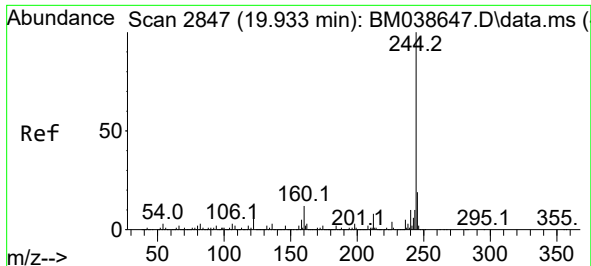
Tgt Ion:188 Resp: 239028
Ion Ratio Lower Upper
188 100
94 4.5 4.2 6.4
80 5.2 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM038679.D
Acq: 03 Feb 2023 14:06

Tgt Ion:240 Resp: 197887
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.4
236 26.9 20.9 31.3

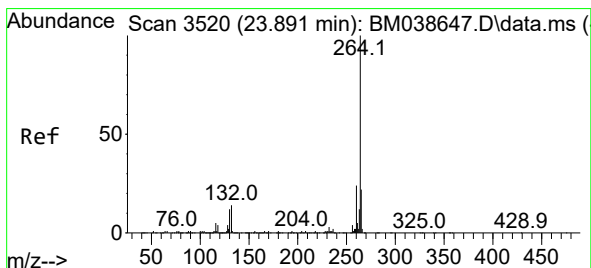
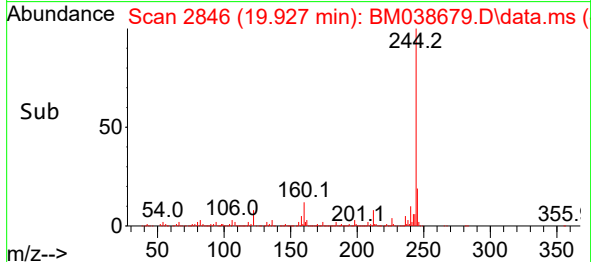
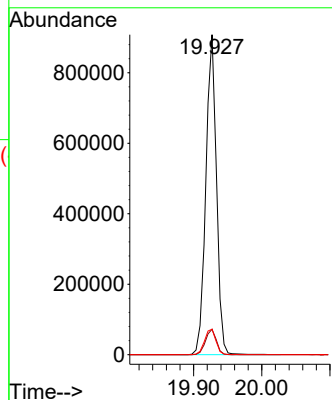
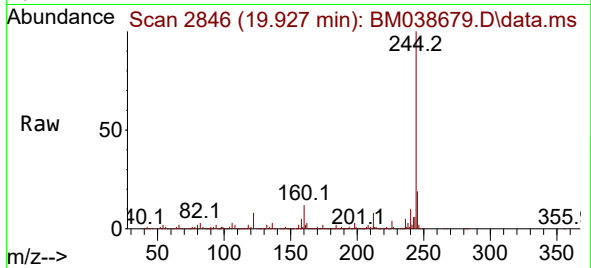




#79
 Terphenyl-d14
 Concen: 87.826 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038679.D
 Acq: 03 Feb 2023 14:06

Instrument :
 BNA_M
 ClientSampleId :
 PB150629BL

Tgt Ion:244 Resp: 984864
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 7.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.880 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM038679.D
 Acq: 03 Feb 2023 14:06

Tgt Ion:264 Resp: 253699
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 22.8 17.9 26.9

