

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038682.D
 Acq On : 03 Feb 2023 16:45
 Operator : CG/JU
 Sample : PB150629BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150629BL

Quant Time: Feb 04 05:21:04 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)

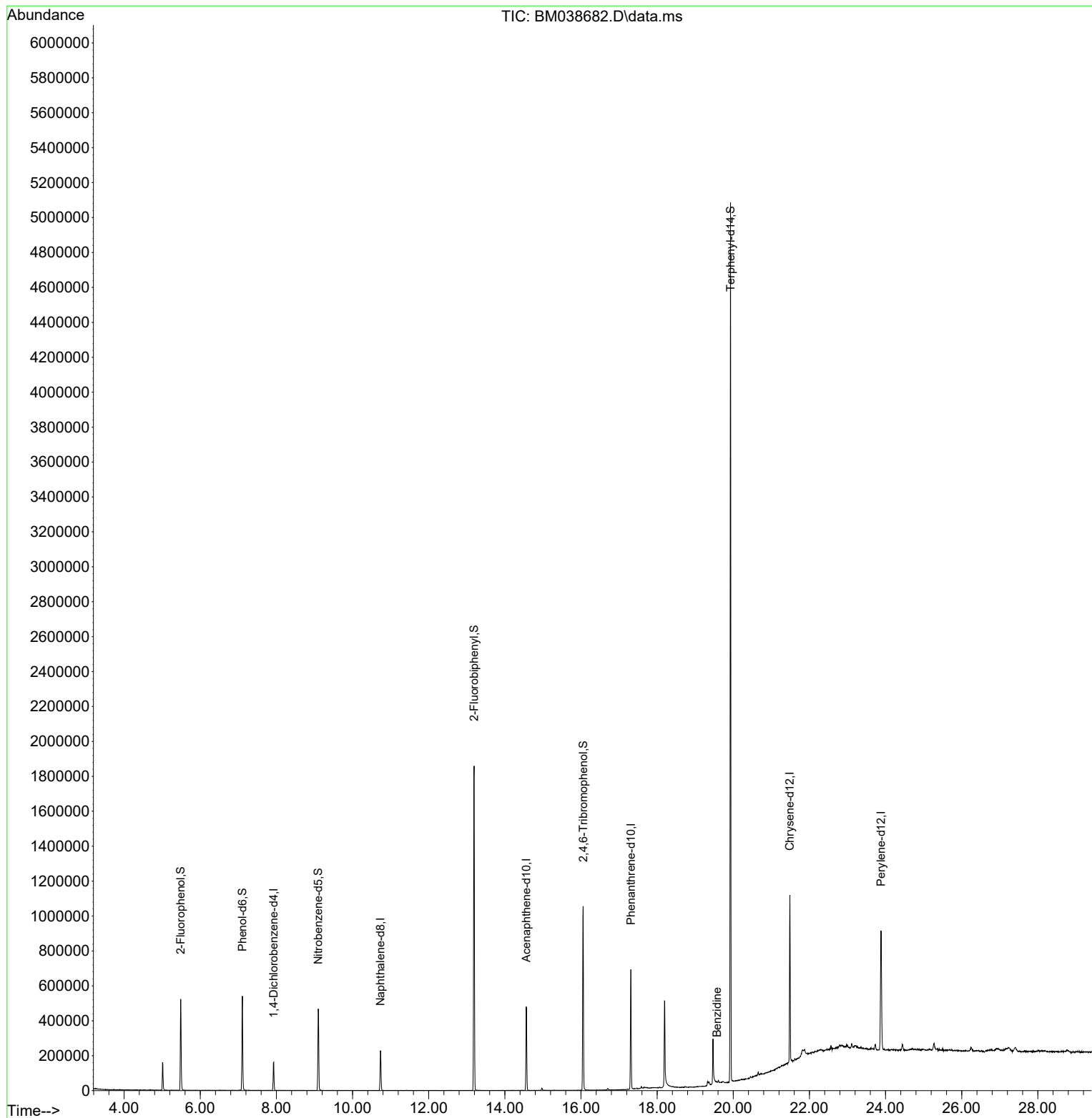
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	48714	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	193268	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	172674	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	405564	20.000	ng	0.00
76) Chrysene-d12	21.486	240	421688	20.000	ng	0.00
86) Perylene-d12	23.880	264	509607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	241275	97.023	ng	0.00
7) Phenol-d6	7.104	99	301172	106.187	ng	0.00
23) Nitrobenzene-d5	9.098	82	260993	76.704	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	202603	86.324	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	983602	72.520	ng	0.00
79) Terphenyl-d14	19.927	244	2068734	86.572	ng	0.00
Target Compounds						
77) Benzidine	19.574	184	469	3.148	ng	Qvalue # 1

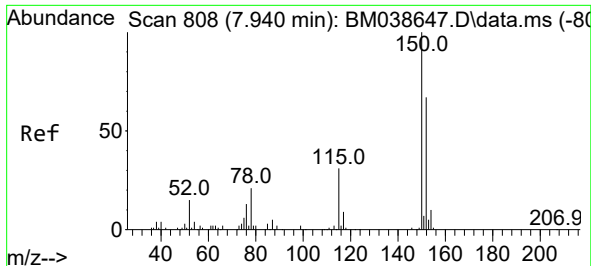
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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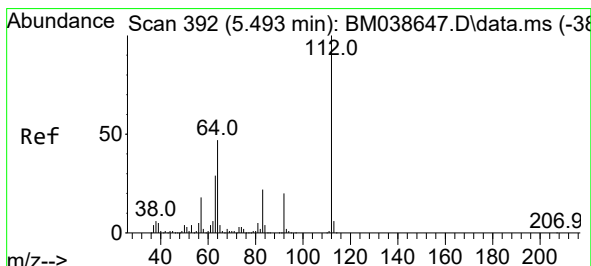
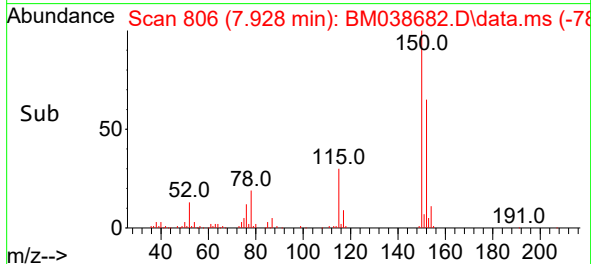
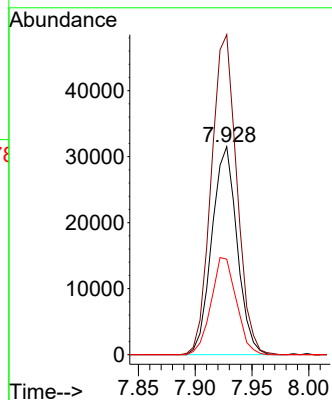
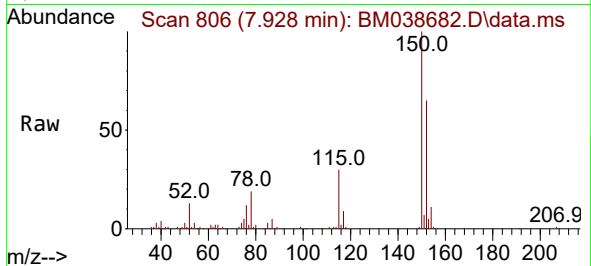




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM038682.D
Acq: 03 Feb 2023 16:45

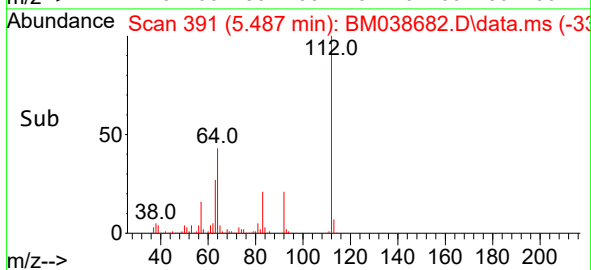
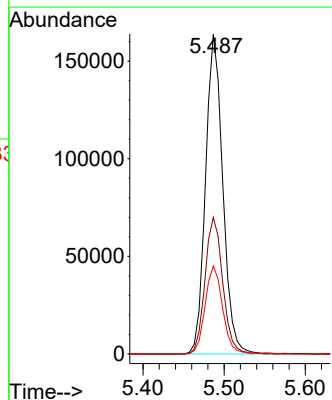
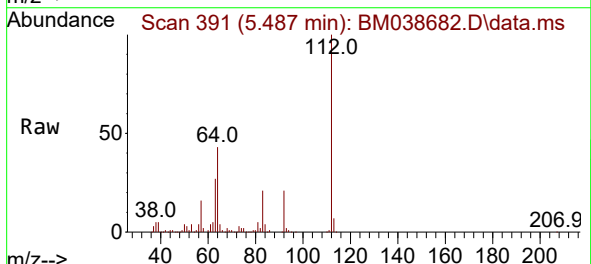
Instrument :
BNA_M
ClientSampleId :
PB150629BL

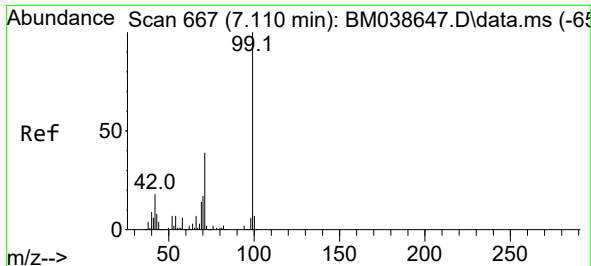
Tgt Ion:152 Resp: 48714
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 45.9 37.6 56.4



#5
2-Fluorophenol
Concen: 97.023 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038682.D
Acq: 03 Feb 2023 16:45

Tgt Ion:112 Resp: 241275
Ion Ratio Lower Upper
112 100
64 42.7 37.9 56.9
63 27.5 23.3 34.9

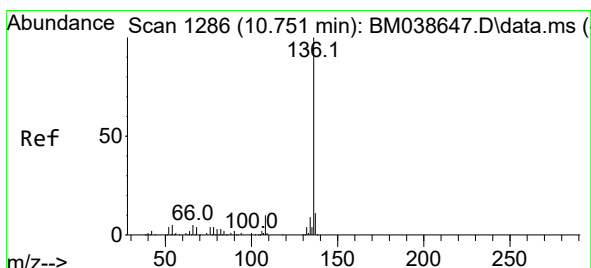
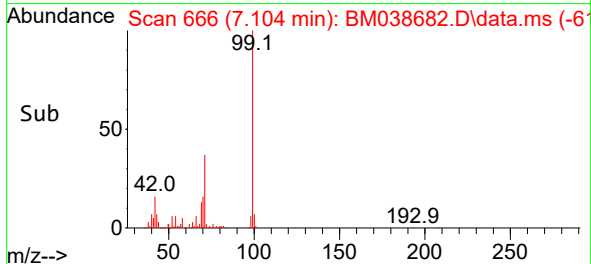
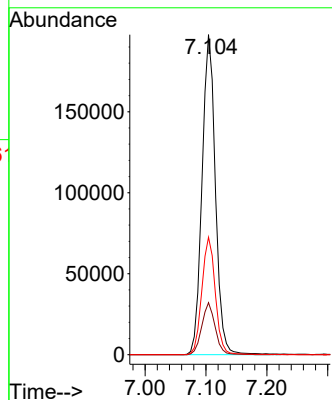
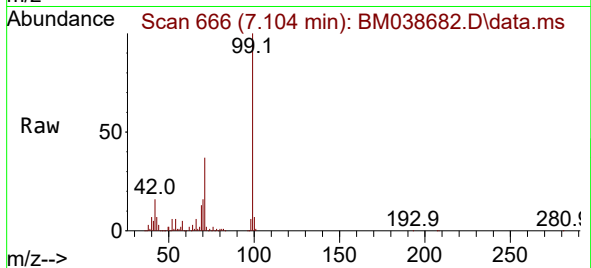




#7
Phenol-d6
Concen: 106.187 ng
RT: 7.104 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038682.D
Acq: 03 Feb 2023 16:45

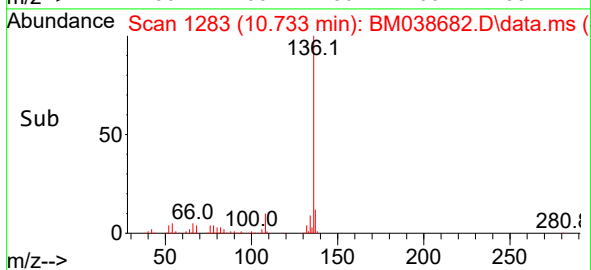
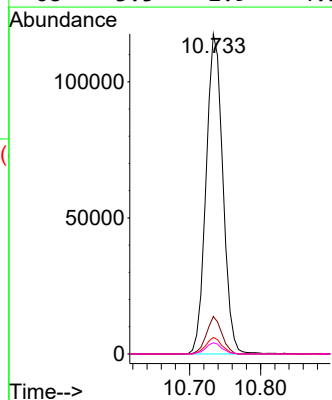
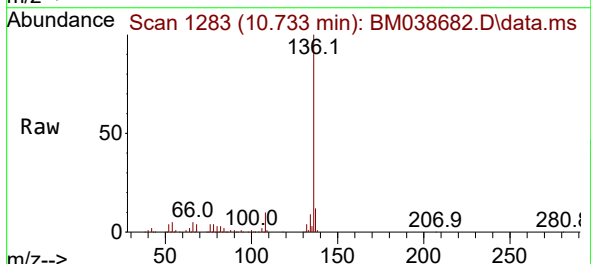
Instrument :
BNA_M
ClientSampleId :
PB150629BL

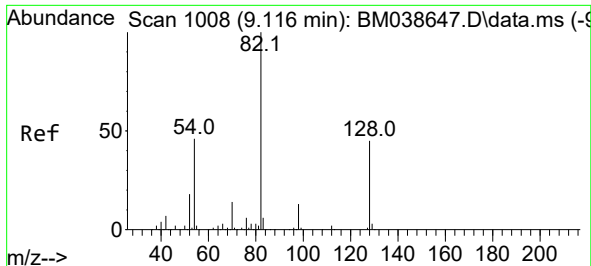
Tgt Ion: 99 Resp: 301172
Ion Ratio Lower Upper
99 100
42 16.3 14.6 22.0
71 36.7 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BM038682.D
Acq: 03 Feb 2023 16:45

Tgt Ion: 136 Resp: 193268
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 5.1 4.2 6.4
68 3.5 2.9 4.3

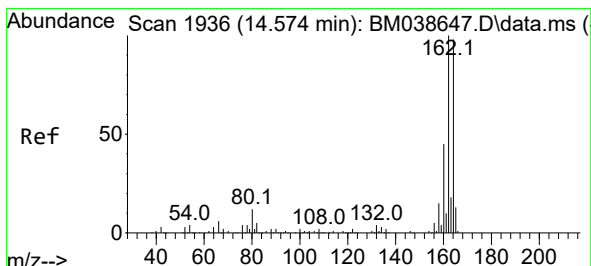
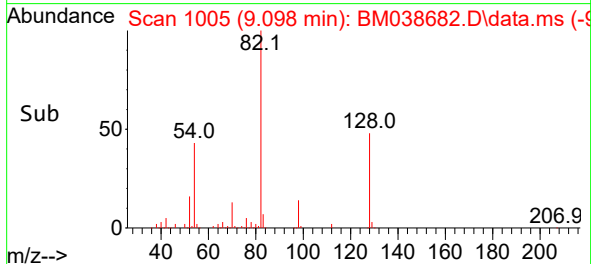
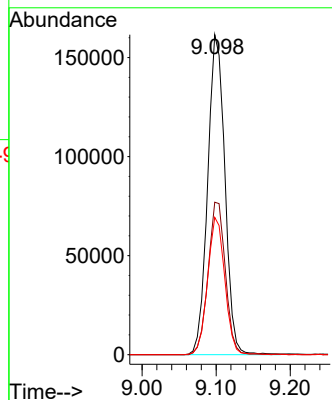
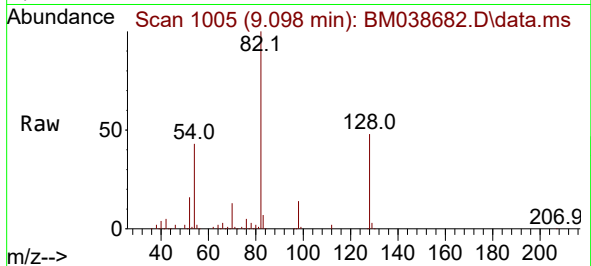




#23
Nitrobenzene-d5
Concen: 76.704 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM038682.D
Acq: 03 Feb 2023 16:45

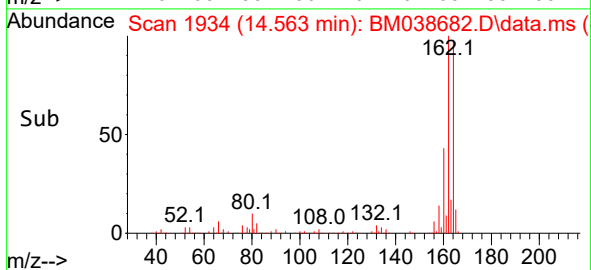
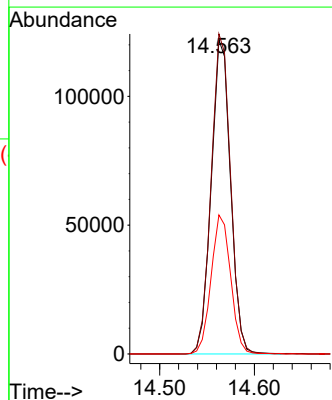
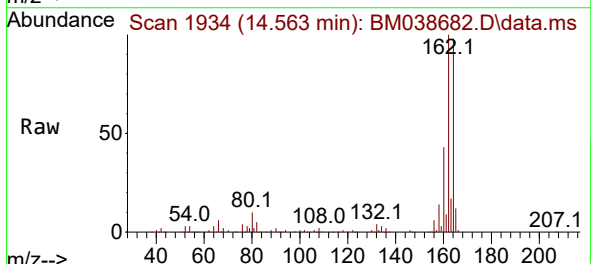
Instrument :
BNA_M
ClientSampleId :
PB150629BL

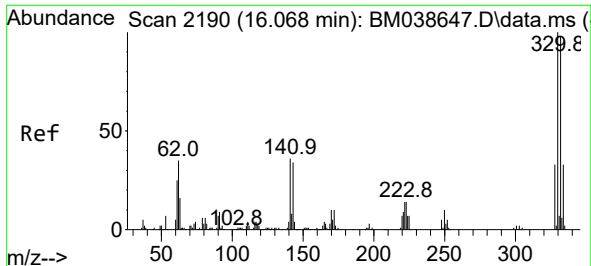
Tgt Ion: 82 Resp: 260993
Ion Ratio Lower Upper
82 100
128 47.7 36.0 54.0
54 42.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM038682.D
Acq: 03 Feb 2023 16:45

Tgt Ion: 164 Resp: 172674
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.3 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 86.324 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038682.D

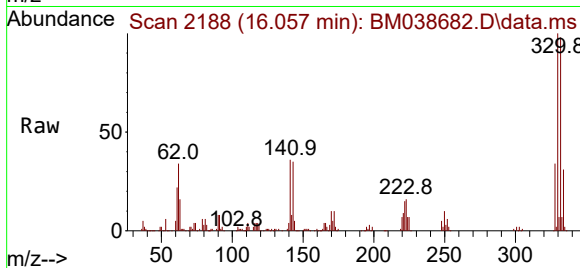
Acq: 03 Feb 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PB150629BL



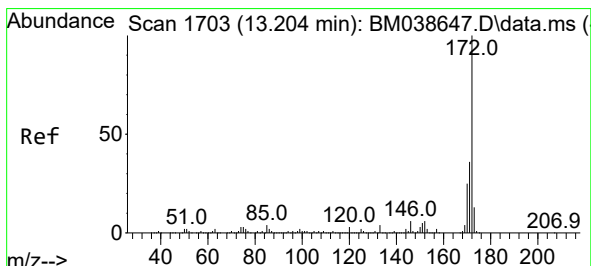
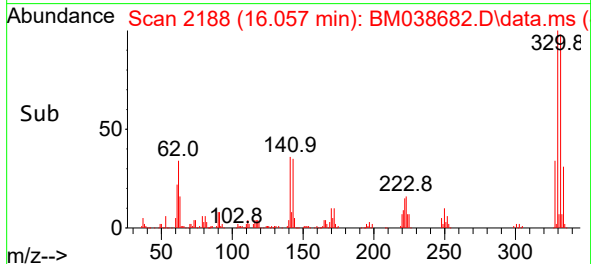
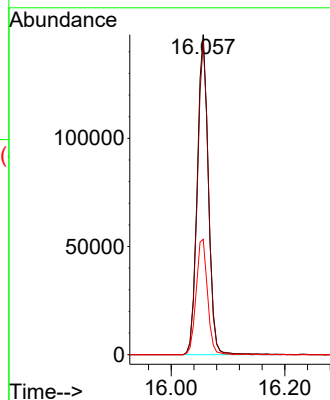
Tgt Ion:330 Resp: 202603

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

141 36.6 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 72.520 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BM038682.D

Acq: 03 Feb 2023 16:45

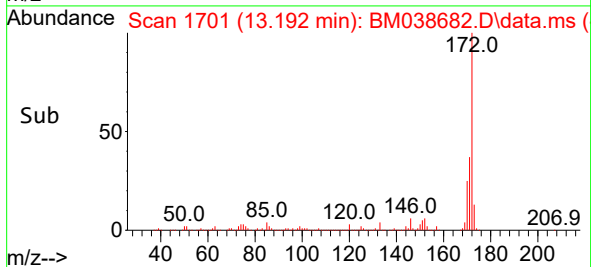
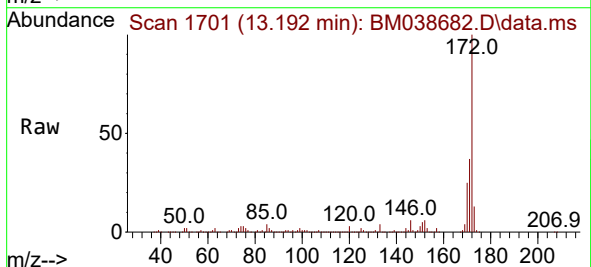
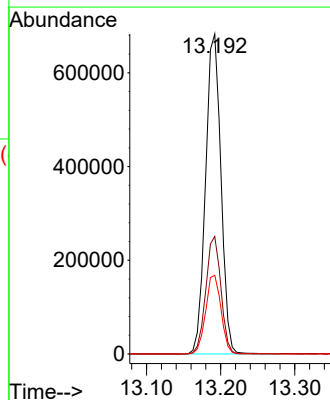
Tgt Ion:172 Resp: 983602

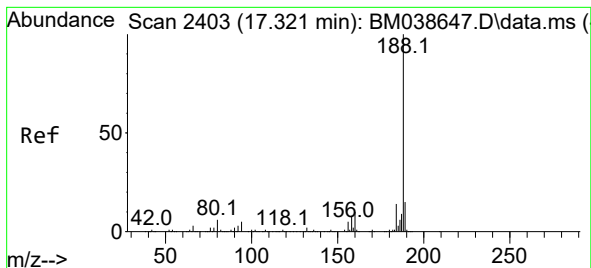
Ion Ratio Lower Upper

172 100

171 36.7 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: BM038682.D

Acq: 03 Feb 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PB150629BL

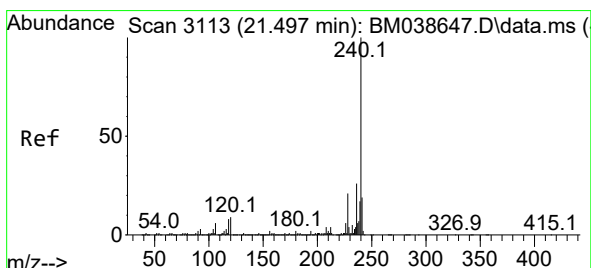
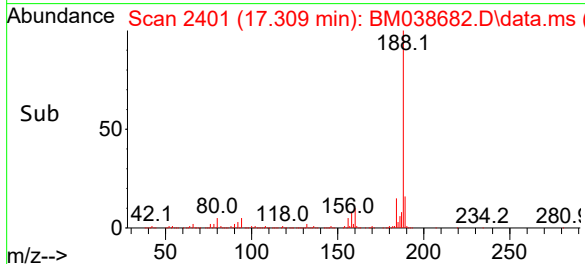
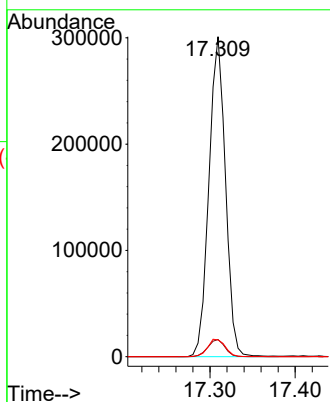
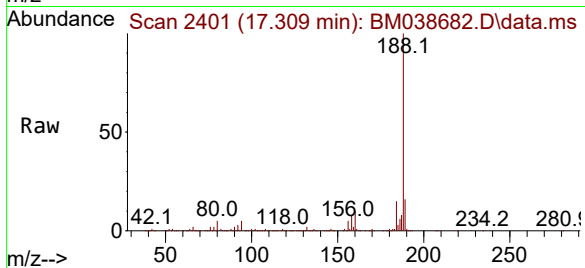
Tgt Ion:188 Resp: 405564

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.4

80 5.3 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: BM038682.D

Acq: 03 Feb 2023 16:45

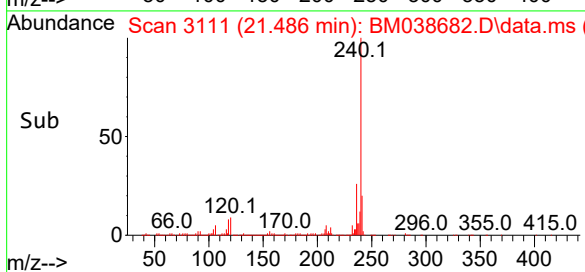
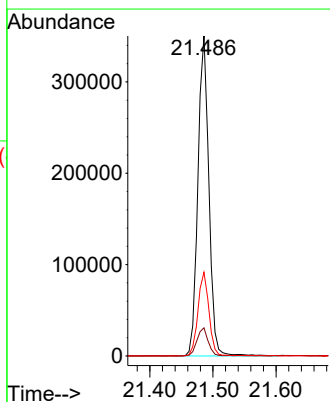
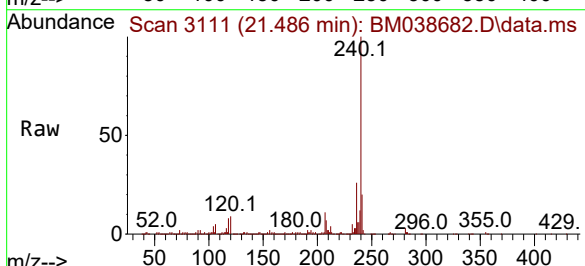
Tgt Ion:240 Resp: 421688

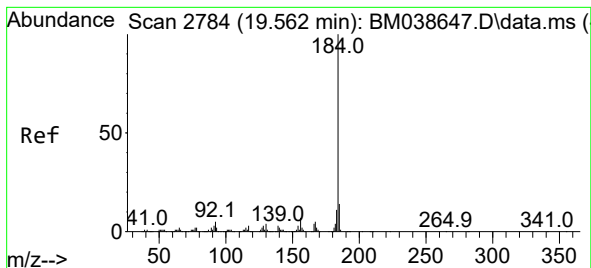
Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.4

236 26.1 20.9 31.3





#77

Benzidine

Concen: 3.148 ng

RT: 19.574 min Scan# 21

Delta R.T. 0.017 min

Lab File: BM038682.D

Acq: 03 Feb 2023 16:45

Instrument :

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ClientSampleId :

PB150629BL

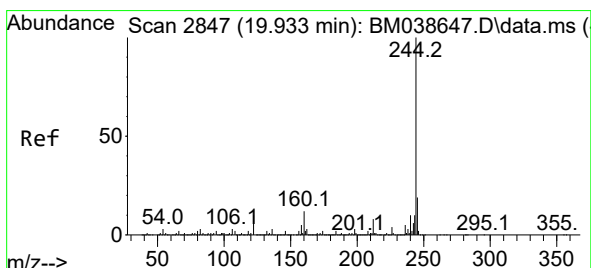
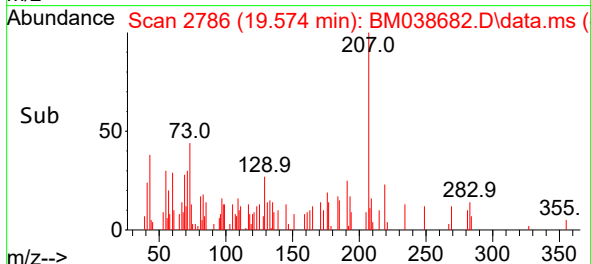
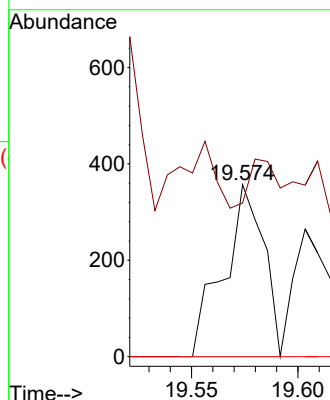
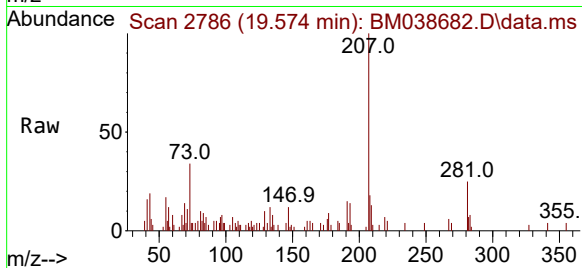
Tgt Ion:184 Resp: 469

Ion Ratio Lower Upper

184 100

185 89.4 10.8 16.2#

183 0.0 8.8 13.2#



#79

Terphenyl-d14

Concen: 86.572 ng

RT: 19.927 min Scan# 2846

Delta R.T. -0.000 min

Lab File: BM038682.D

Acq: 03 Feb 2023 16:45

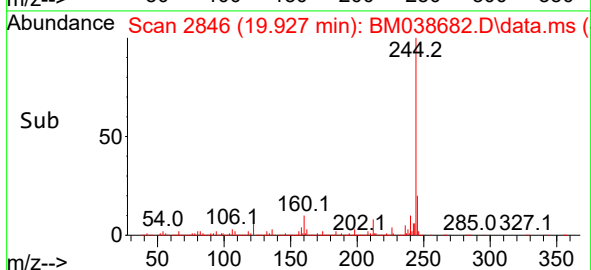
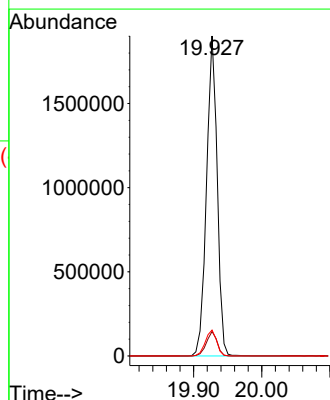
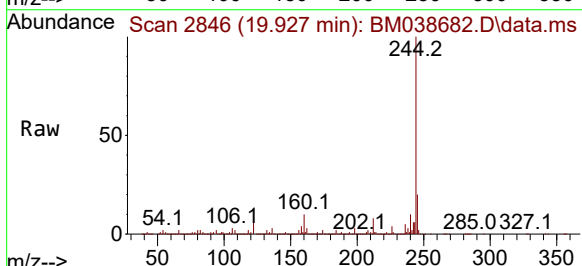
Tgt Ion:244 Resp: 2068734

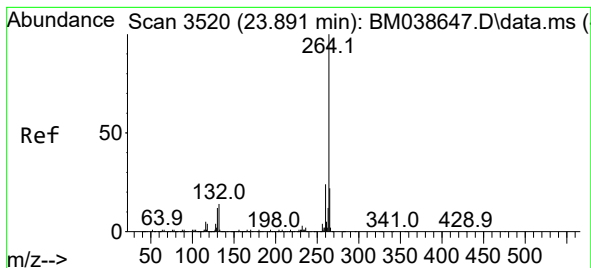
Ion Ratio Lower Upper

244 100

212 7.6 6.6 9.8

122 8.1 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.880 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038682.D

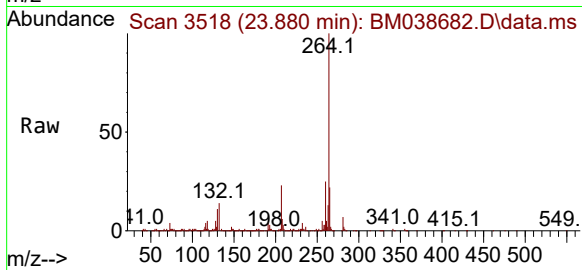
Acq: 03 Feb 2023 16:45

Instrument :

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Tgt Ion:264 Resp: 509607

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 21.9 17.9 26.9

