

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038660.D
 Acq On : 02 Feb 2023 12:57
 Operator : CG/JU
 Sample : PB150597BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150597BL

Quant Time: Feb 03 05:33:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

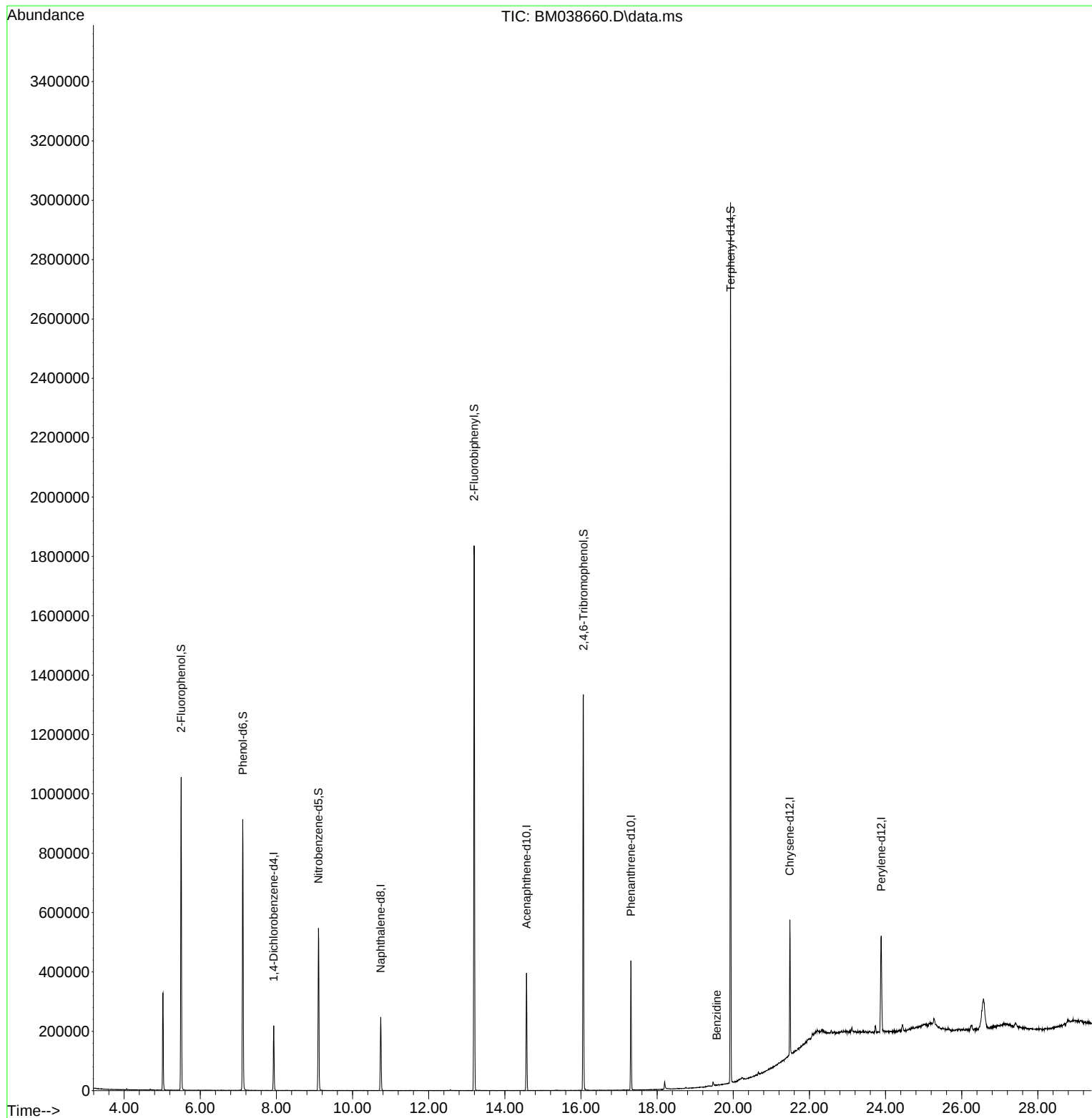
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	62468	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	199571	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	135202	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	261609	20.000	ng	-0.01
76) Chrysene-d12	21.486	240	196917	20.000	ng	-0.01
86) Perylene-d12	23.886	264	250072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	443977	139.225	ng	0.00
7) Phenol-d6	7.116	99	487500	134.037	ng	0.00
23) Nitrobenzene-d5	9.104	82	293046	83.405	ng	-0.01
42) 2,4,6-Tribromophenol	16.063	330	251778	137.008	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	955469	89.970	ng	-0.01
79) Terphenyl-d14	19.927	244	1186738	106.350	ng	0.00
Target Compounds						
77) Benzidine	19.568	184	57	3.123	ng	Qvalue # 68

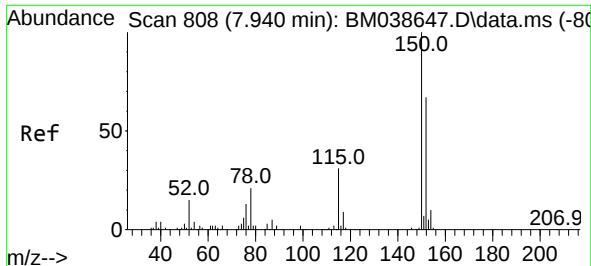
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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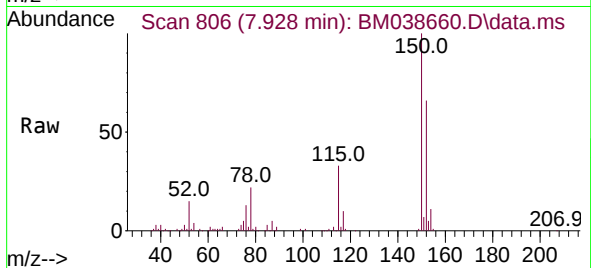
Quant Time: Feb 03 05:33:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 03:31:45 2023
Response via : Initial Calibration



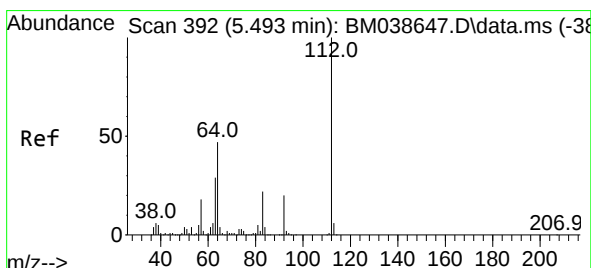
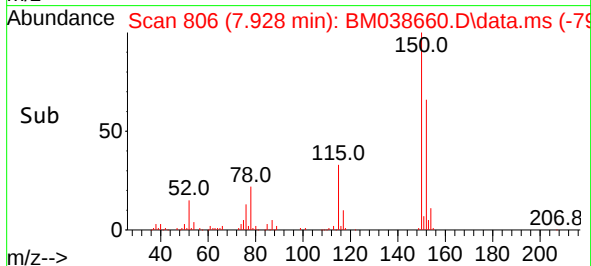
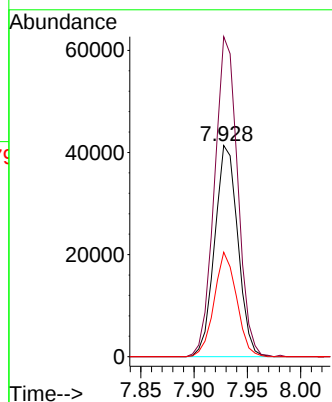


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 808
Delta R.T. -0.012 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

Instrument :
BNA_M
ClientSampleId :
PB150597BL

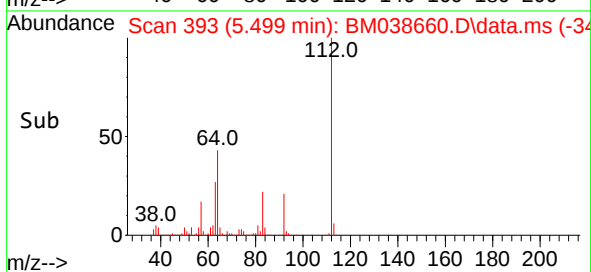
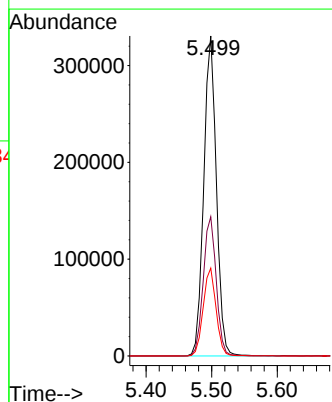
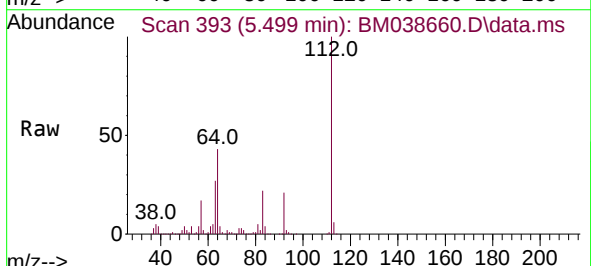


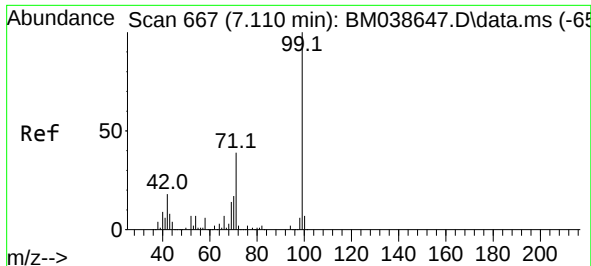
Tgt Ion:152 Resp: 62468
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 49.4 37.6 56.4



#5
2-Fluorophenol
Concen: 139.225 ng
RT: 5.499 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

Tgt Ion:112 Resp: 443977
Ion Ratio Lower Upper
112 100
64 43.5 37.9 56.9
63 27.4 23.3 34.9

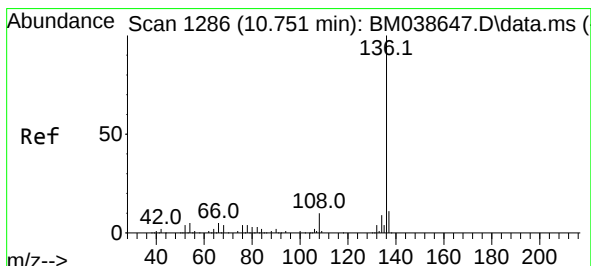
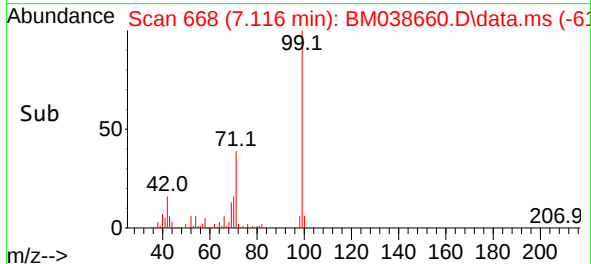
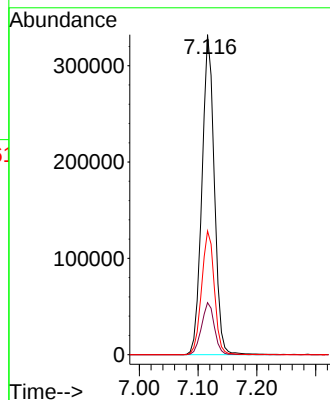
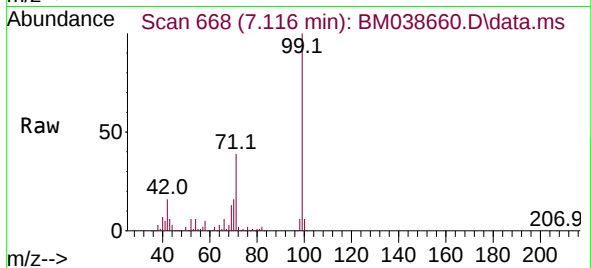




#7
Phenol-d6
Concen: 134.037 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

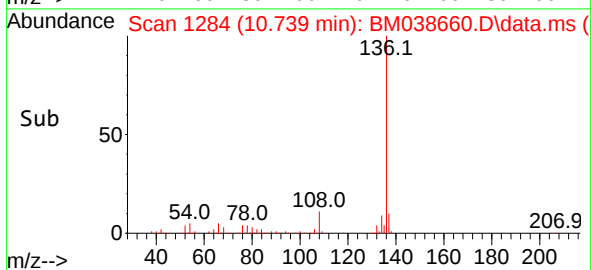
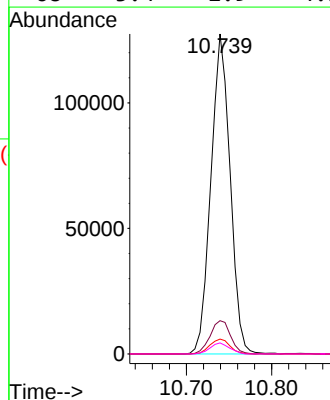
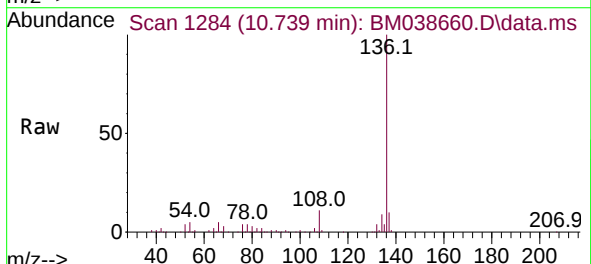
Instrument :
BNA_M
ClientSampleId :
PB150597BL

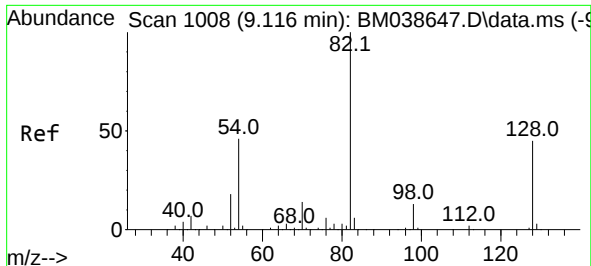
Tgt Ion: 99 Resp: 487500
Ion Ratio Lower Upper
99 100
42 16.3 14.6 22.0
71 38.6 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

Tgt Ion: 136 Resp: 199571
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 4.7 4.2 6.4
68 3.4 2.9 4.3





#23

Nitrobenzene-d5

Concen: 83.405 ng

RT: 9.104 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BM038660.D

Acq: 02 Feb 2023 12:57

Instrument :

BNA_M

ClientSampleId :

PB150597BL

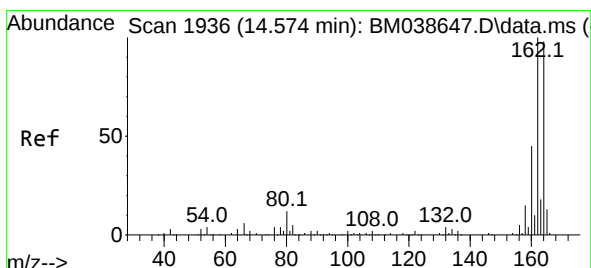
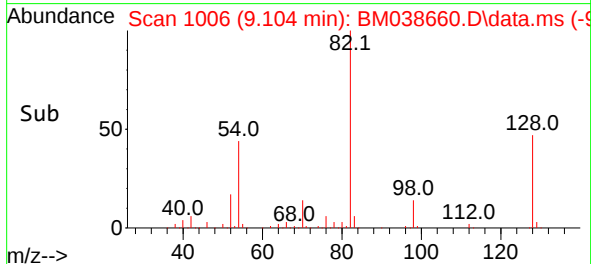
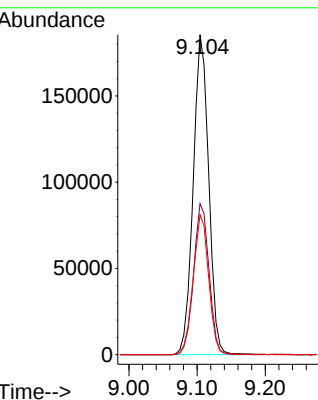
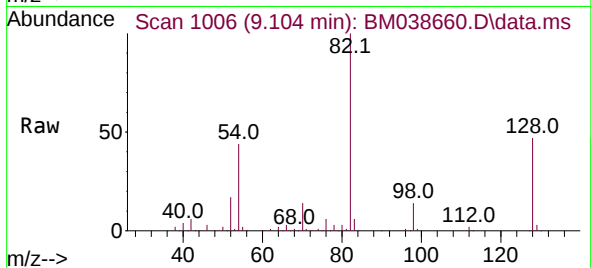
Tgt Ion: 82 Resp: 293046

Ion Ratio Lower Upper

82 100

128 47.2 36.0 54.0

54 43.7 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BM038660.D

Acq: 02 Feb 2023 12:57

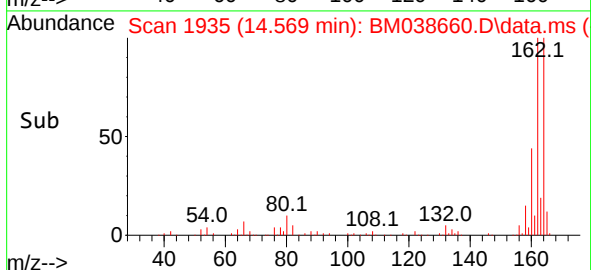
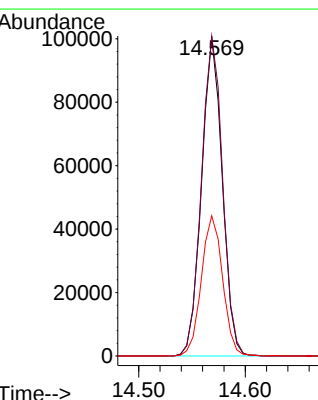
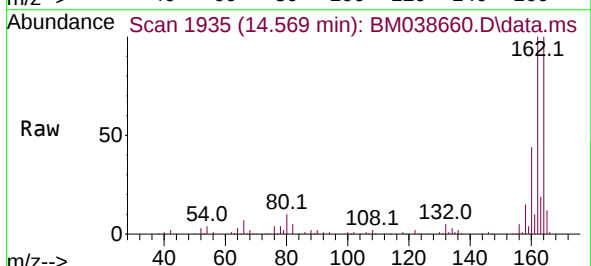
Tgt Ion:164 Resp: 135202

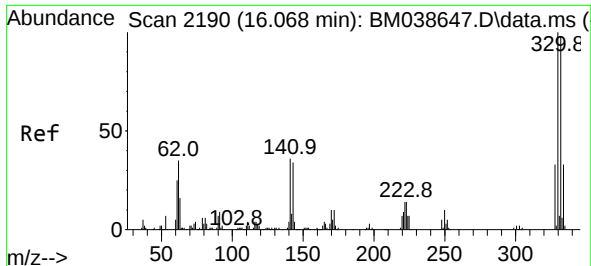
Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

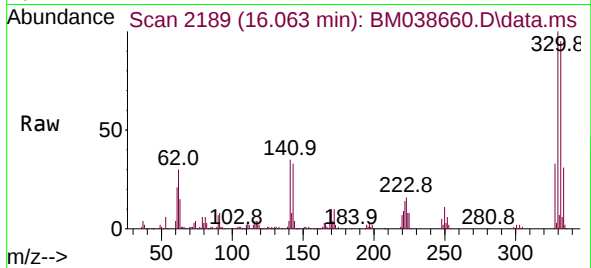
160 44.0 36.5 54.7



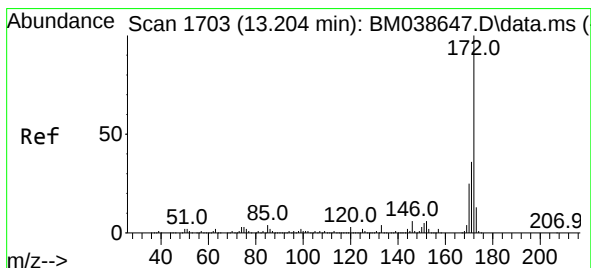
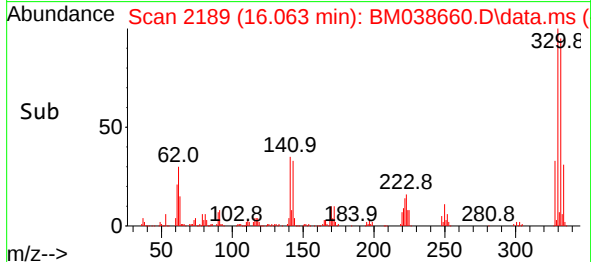
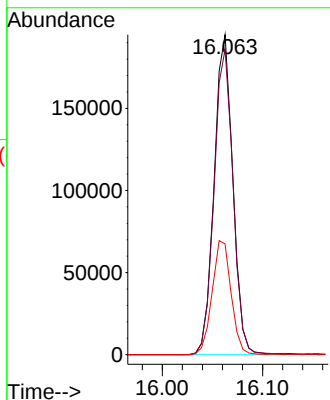


#42
2,4,6-Tribromophenol
Concen: 137.008 ng
RT: 16.063 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

Instrument :
BNA_M
ClientSampleId :
PB150597BL

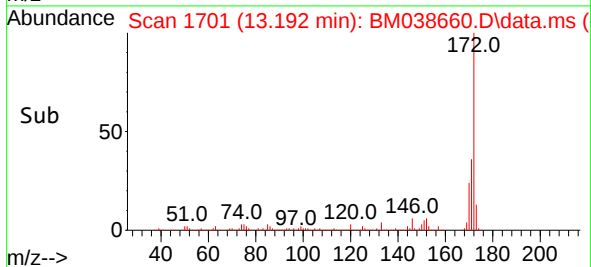
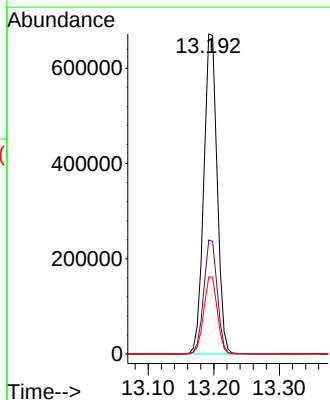
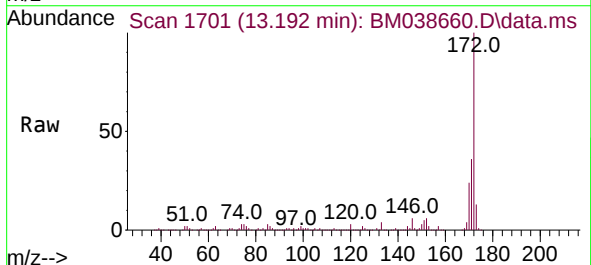


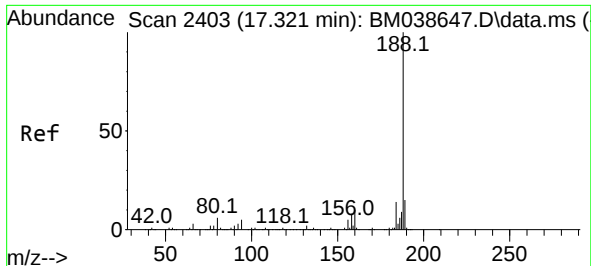
Tgt Ion:330 Resp: 251778
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 36.4 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 89.970 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

Tgt Ion:172 Resp: 955469
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.1 20.0 30.0

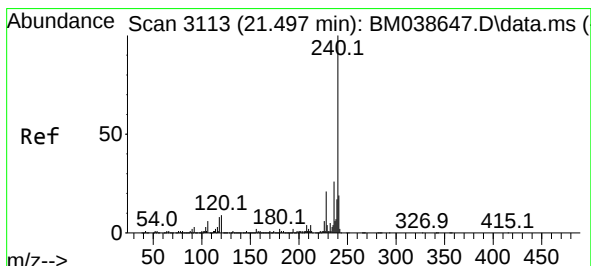
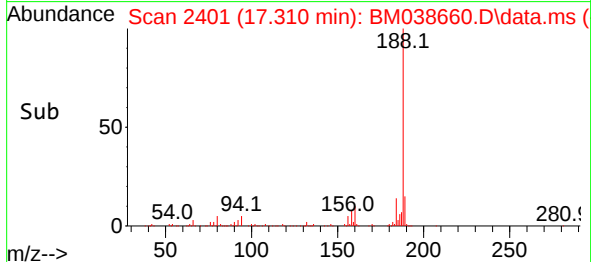
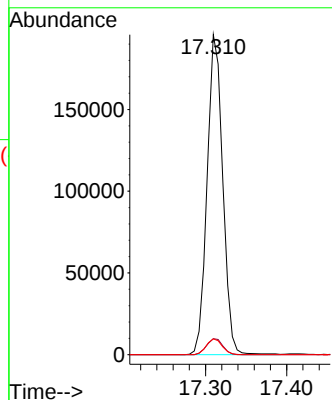
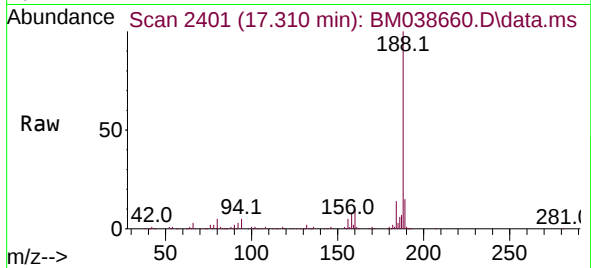




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

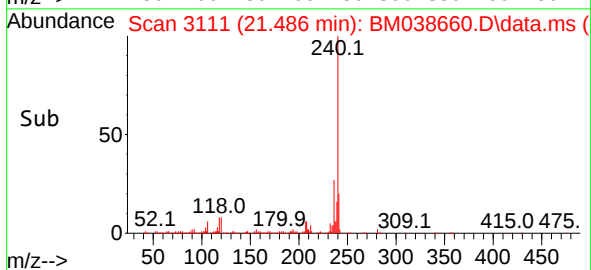
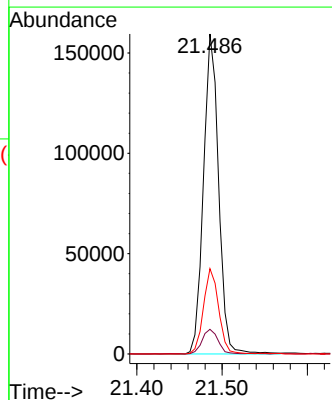
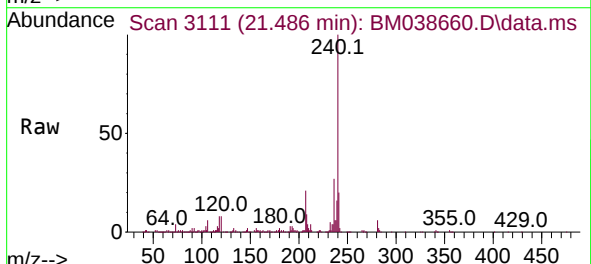
Instrument :
BNA_M
ClientSampleId :
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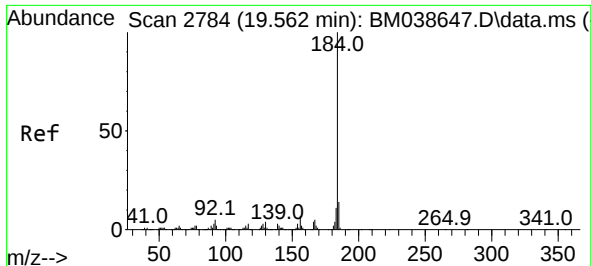
Tgt Ion:188 Resp: 261609
Ion Ratio Lower Upper
188 100
94 5.0 4.2 6.4
80 5.0 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

Tgt Ion:240 Resp: 196917
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.4
236 26.7 20.9 31.3

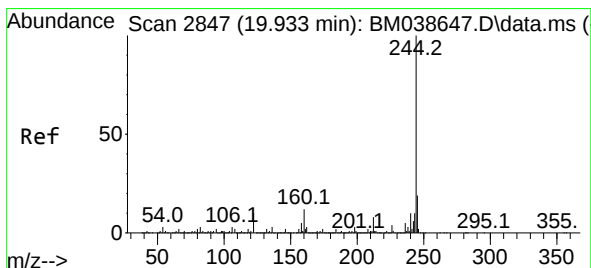
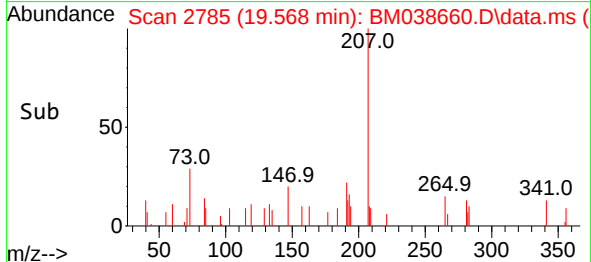
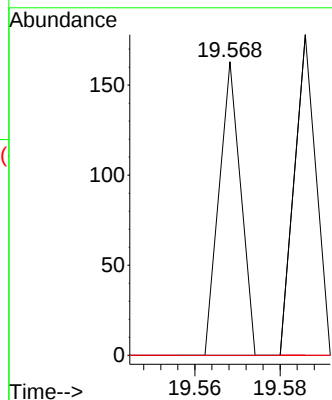
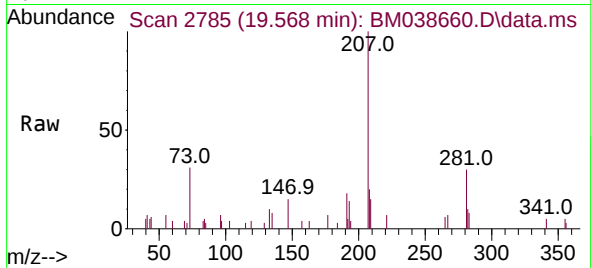




#77
Benzidine
Concen: 3.123 ng
RT: 19.568 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

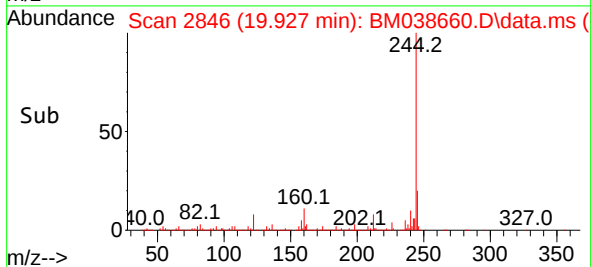
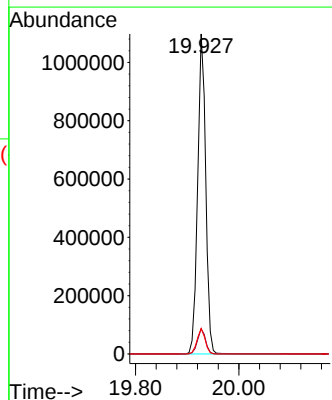
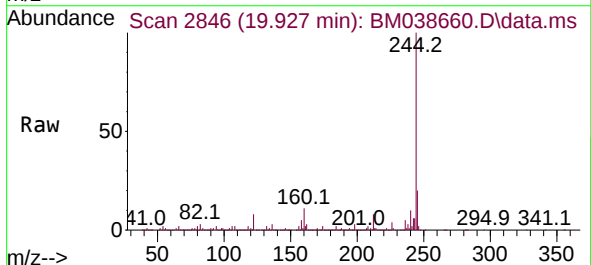
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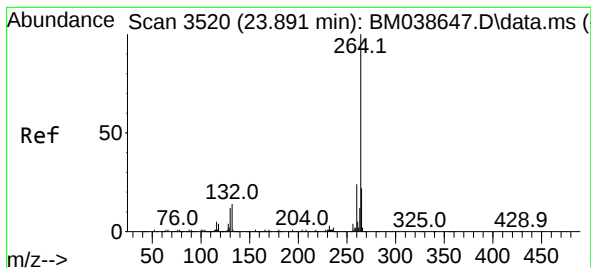
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 106.350 ng
RT: 19.927 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BM038660.D
Acq: 02 Feb 2023 12:57

Tgt Ion:244 Resp: 1186738
Ion Ratio Lower Upper
244 100
212 7.9 6.6 9.8
122 7.9 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM038660.D

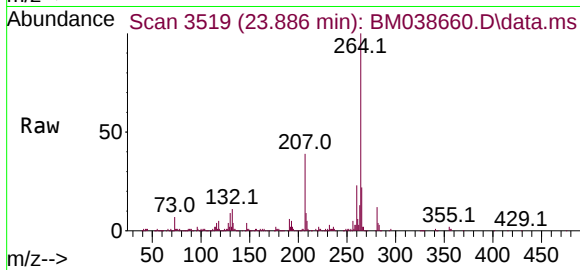
Acq: 02 Feb 2023 12:57

Instrument :

BNA_M

ClientSampleId :

PB150597BL



Tgt Ion:264 Resp: 250072

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.7 17.9 26.9

