

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038768.D
 Acq On : 16 Feb 2023 21:56
 Operator : CG/JU
 Sample : 01553-05RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-06RE

Quant Time: Feb 17 06:13:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

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

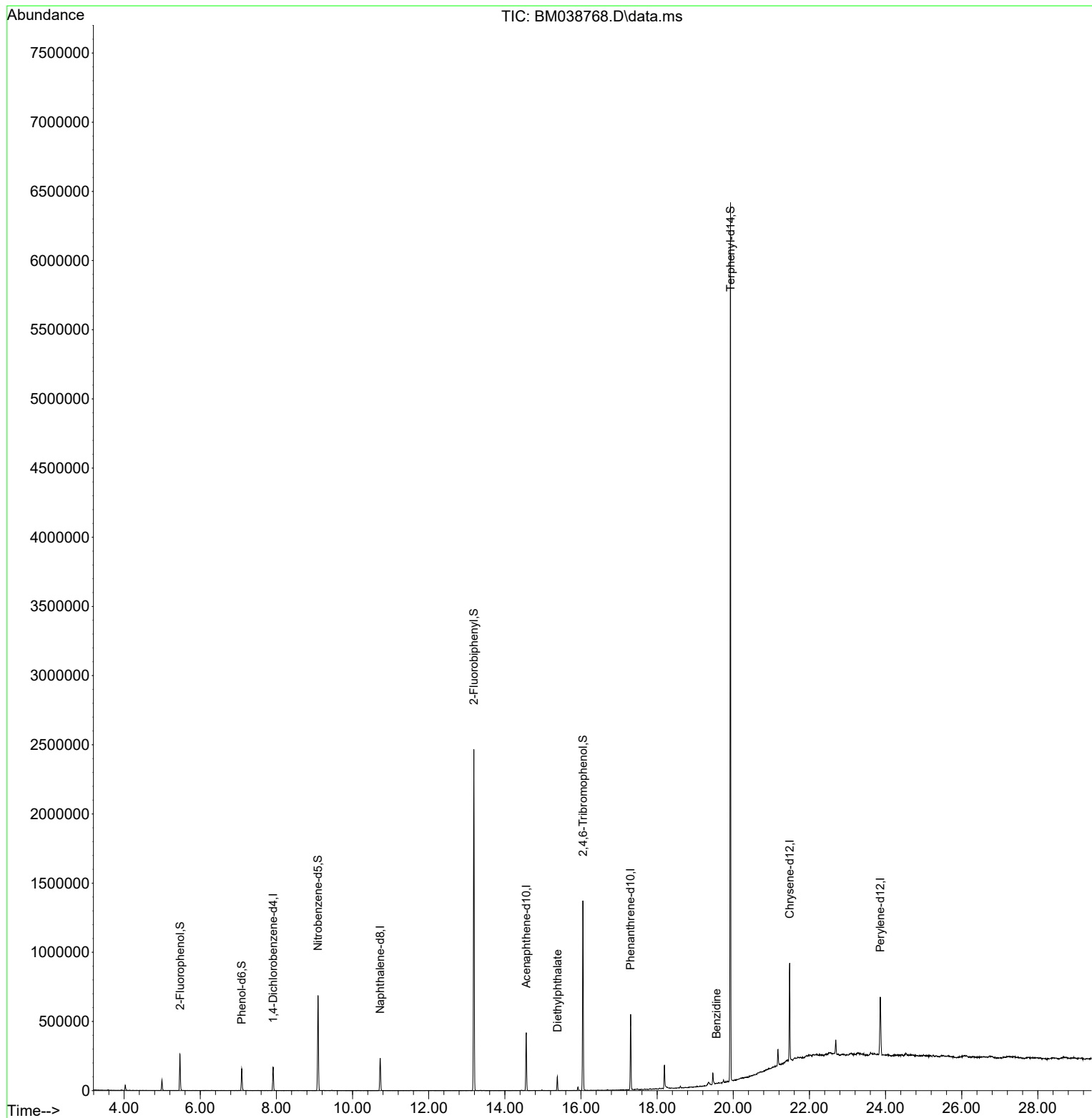
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	51834	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	197963	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	138526	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	301853	20.000	ng	# 0.00
76) Chrysene-d12	21.480	240	286263	20.000	ng	0.00
86) Perylene-d12	23.862	264	291354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	127894	48.334	ng	0.00
7) Phenol-d6	7.087	99	91953	30.469	ng	0.00
23) Nitrobenzene-d5	9.092	82	370599	106.334	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	228346	121.275	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1151135	105.793	ng	0.00
79) Terphenyl-d14	19.927	244	2536734	156.377	ng	0.00
Target Compounds						
60) Diethylphthalate	15.380	149	59303	5.538	ng	Qvalue 97
77) Benzidine	19.562	184	1412	3.267	ng	# 32

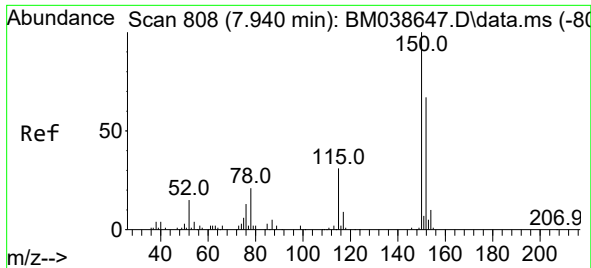
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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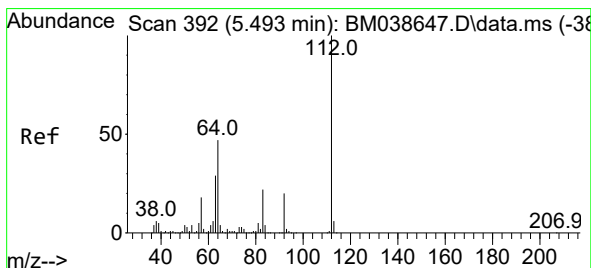
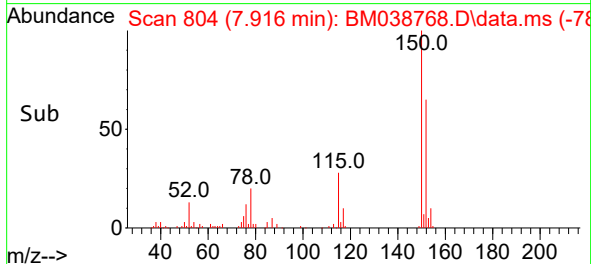
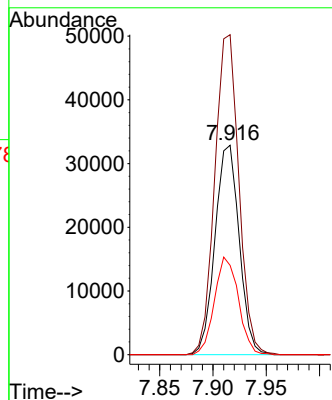
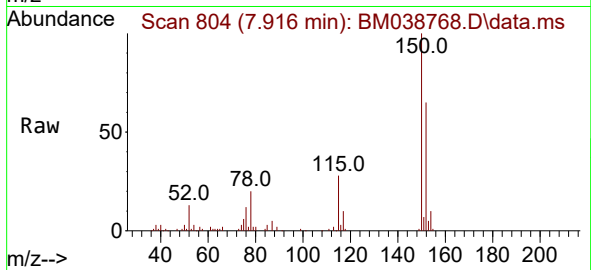




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM038768.D
Acq: 16 Feb 2023 21:56

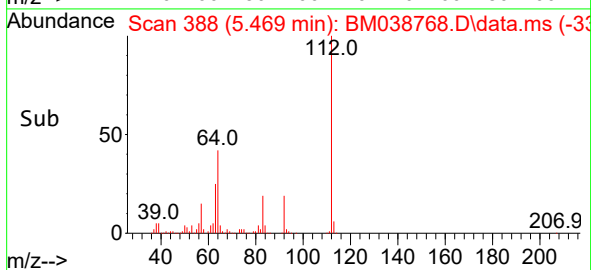
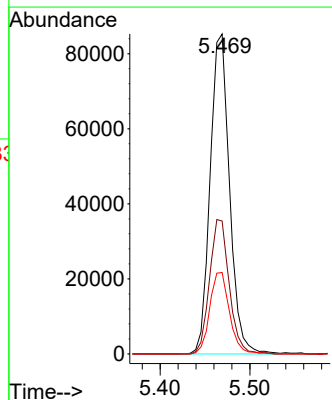
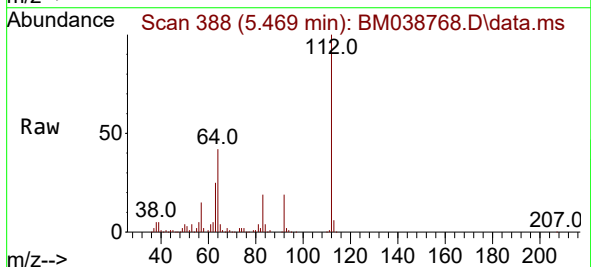
Instrument :
BNA_M
ClientSampleId :
TWP-06RE

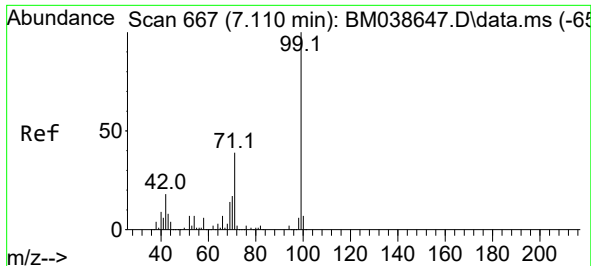
Tgt Ion:152 Resp: 51834
Ion Ratio Lower Upper
152 100
150 152.7 119.5 179.3
115 42.6 37.6 56.4



#5
2-Fluorophenol
Concen: 48.334 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM038768.D
Acq: 16 Feb 2023 21:56

Tgt Ion:112 Resp: 127894
Ion Ratio Lower Upper
112 100
64 41.6 37.9 56.9
63 25.5 23.3 34.9

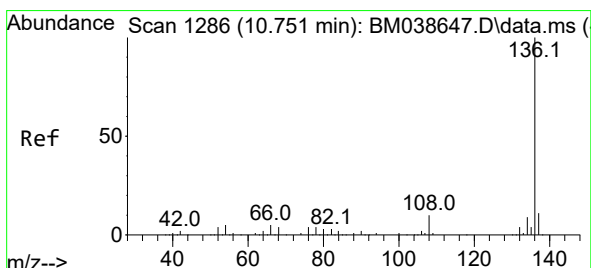
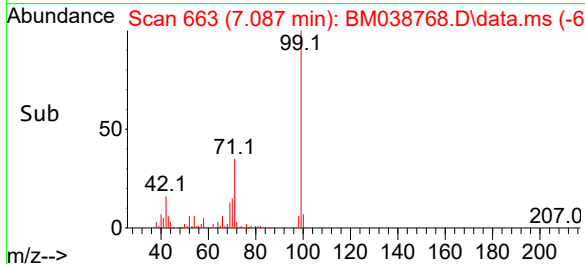
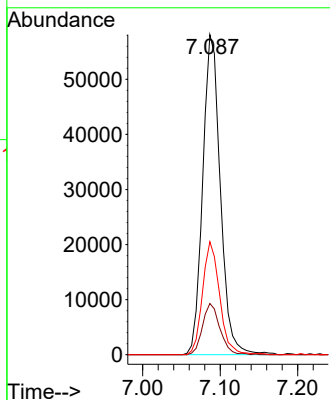
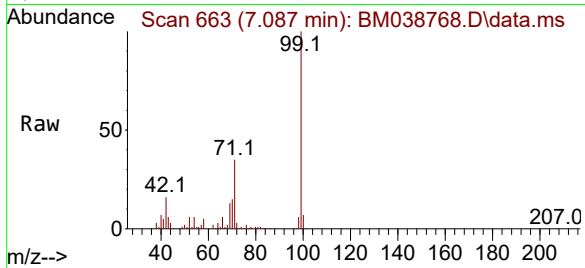




#7
Phenol-d6
Concen: 30.469 ng
RT: 7.087 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM038768.D
Acq: 16 Feb 2023 21:56

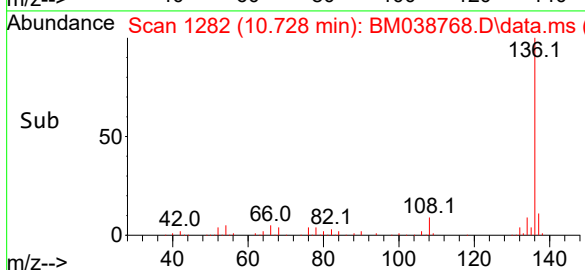
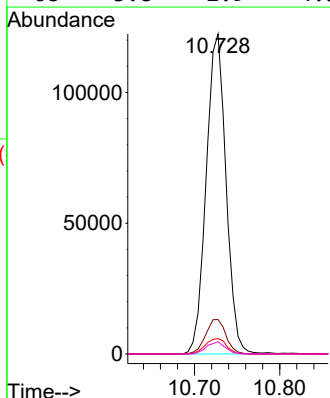
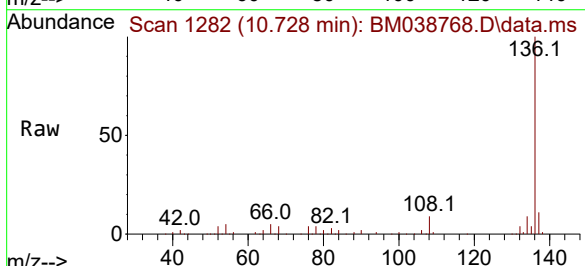
Instrument :
BNA_M
ClientSampleId :
TWP-06RE

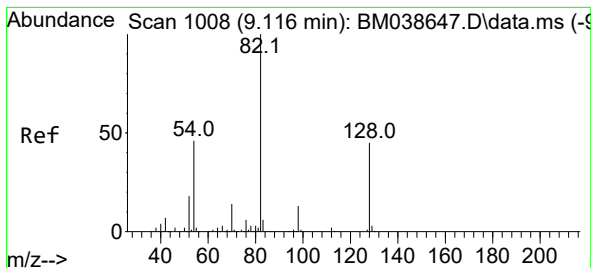
Tgt Ion: 99 Resp: 91953
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 35.3 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BM038768.D
Acq: 16 Feb 2023 21:56

Tgt Ion: 136 Resp: 197963
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 4.8 4.2 6.4
68 3.8 2.9 4.3





#23

Nitrobenzene-d5

Concen: 106.334 ng

RT: 9.092 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BM038768.D

Acq: 16 Feb 2023 21:56

Instrument :

BNA_M

ClientSampleId :

TWP-06RE

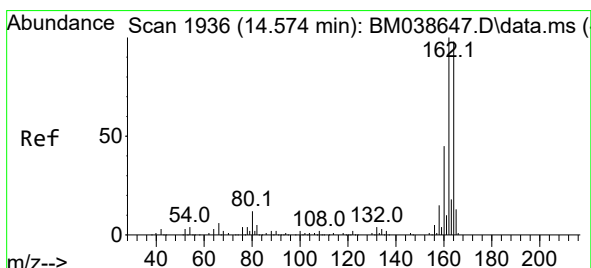
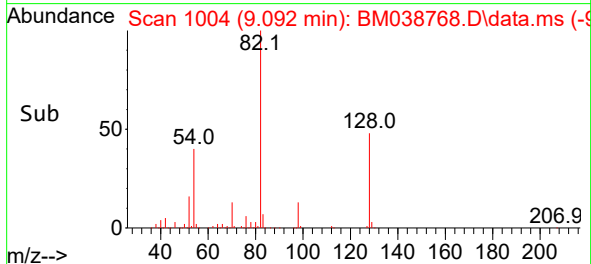
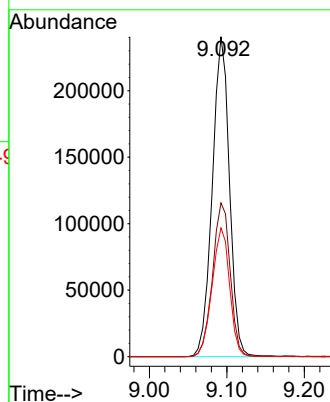
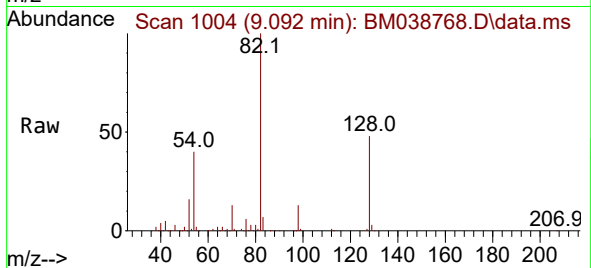
Tgt Ion: 82 Resp: 370599

Ion Ratio Lower Upper

82 100

128 48.0 36.0 54.0

54 40.2 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: BM038768.D

Acq: 16 Feb 2023 21:56

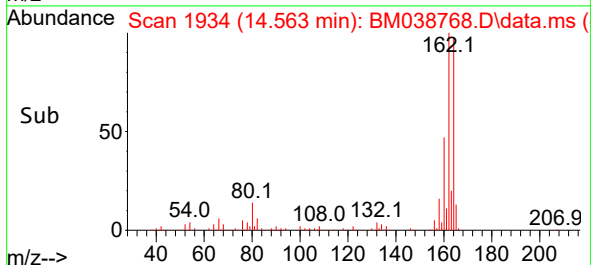
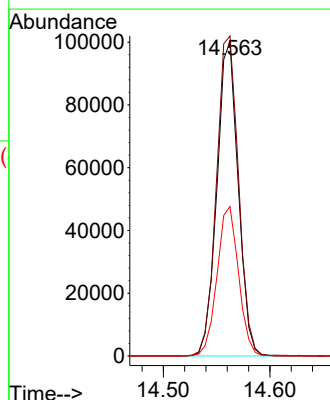
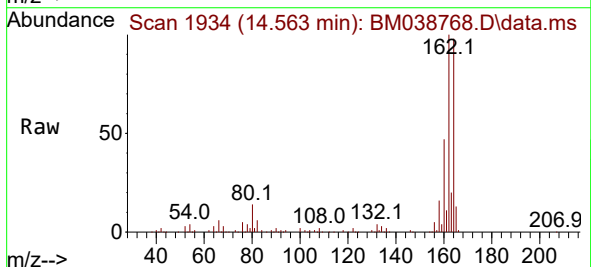
Tgt Ion:164 Resp: 138526

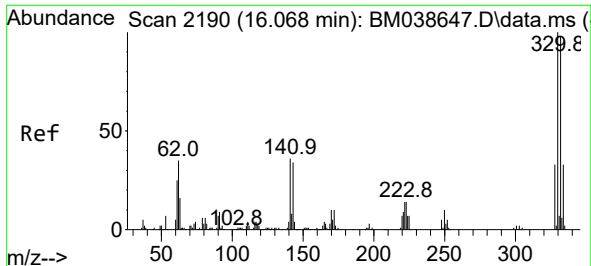
Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.0

160 47.5 36.5 54.7

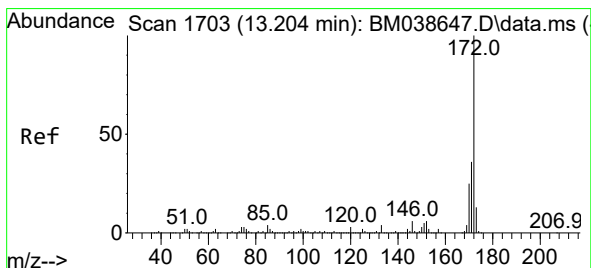
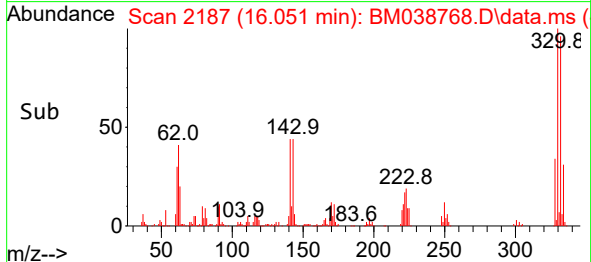
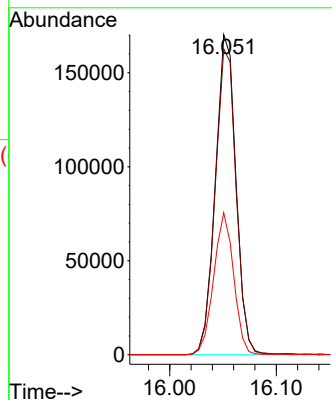
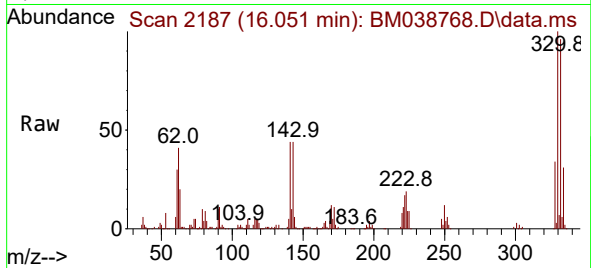




#42
2,4,6-Tribromophenol
Concen: 121.275 ng
RT: 16.051 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM038768.D
Acq: 16 Feb 2023 21:56

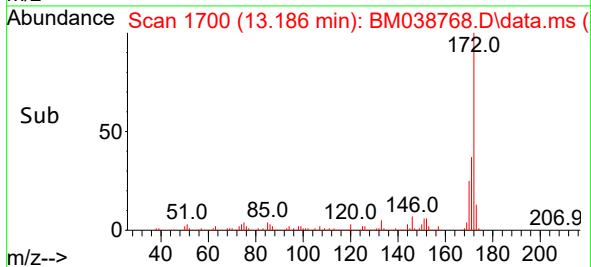
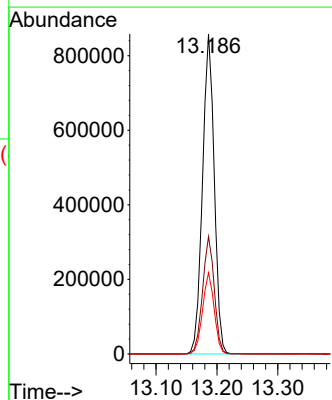
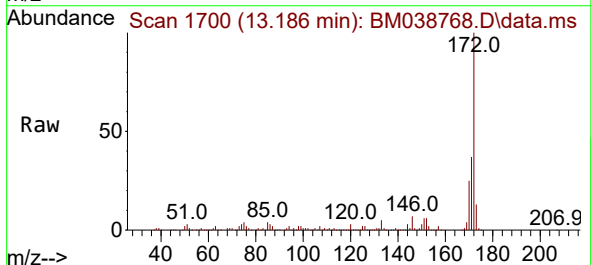
Instrument :
BNA_M
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TWP-06RE

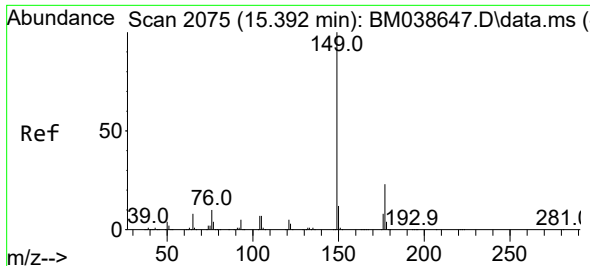
Tgt Ion:330 Resp: 228346
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 43.1 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 105.793 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM038768.D
Acq: 16 Feb 2023 21:56

Tgt Ion:172 Resp: 1151135
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.4 20.0 30.0

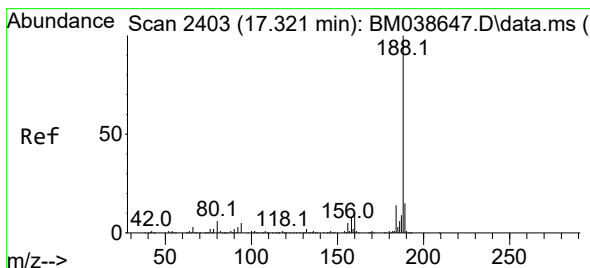
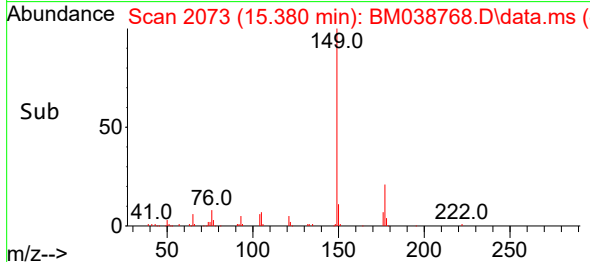
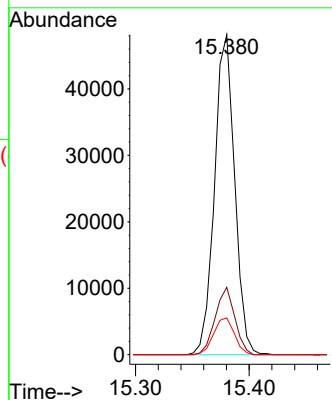
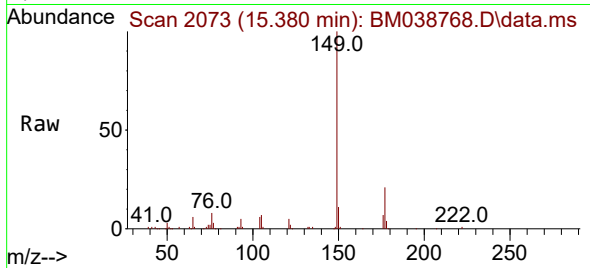




#60
Diethylphthalate
Concen: 5.538 ng
RT: 15.380 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM038768.D
Acq: 16 Feb 2023 21:56

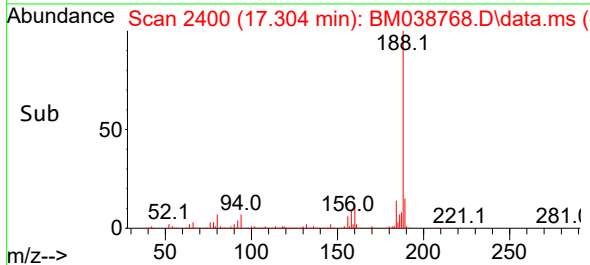
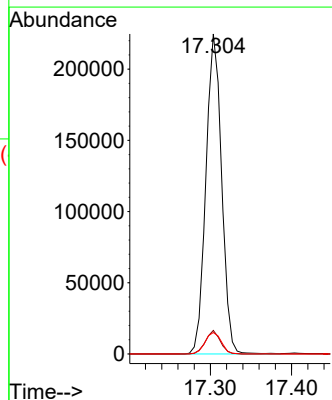
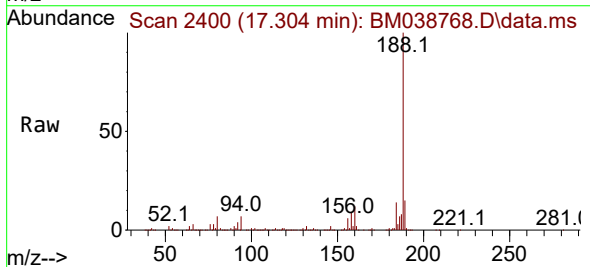
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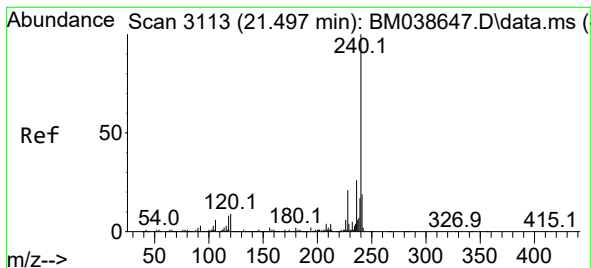
Tgt Ion:149 Resp: 59303
Ion Ratio Lower Upper
149 100
177 21.0 18.1 27.1
150 11.5 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BM038768.D
Acq: 16 Feb 2023 21:56

Tgt Ion:188 Resp: 301853
Ion Ratio Lower Upper
188 100
94 7.4 4.2 6.4#
80 6.7 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038768.D

Acq: 16 Feb 2023 21:56

Instrument :

BNA_M

ClientSampleId :

TWP-06RE

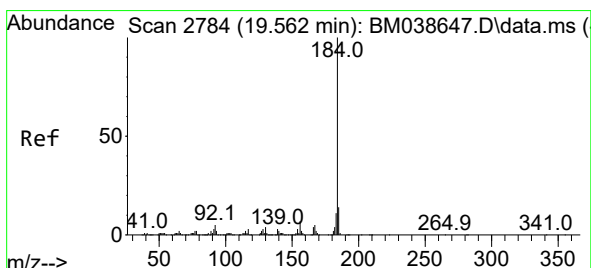
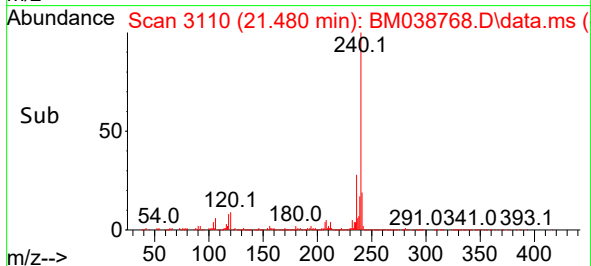
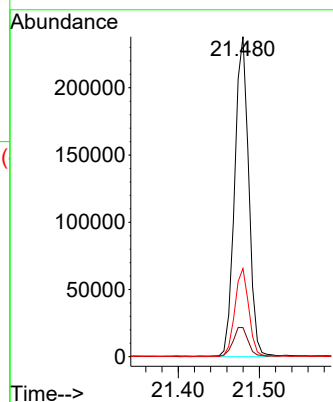
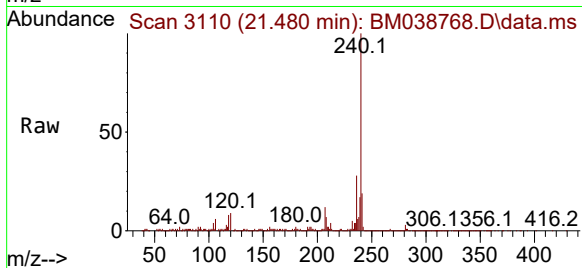
Tgt Ion:240 Resp: 286263

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.4

236 27.6 20.9 31.3



#77

Benzidine

Concen: 3.267 ng

RT: 19.562 min Scan# 2784

Delta R.T. 0.012 min

Lab File: BM038768.D

Acq: 16 Feb 2023 21:56

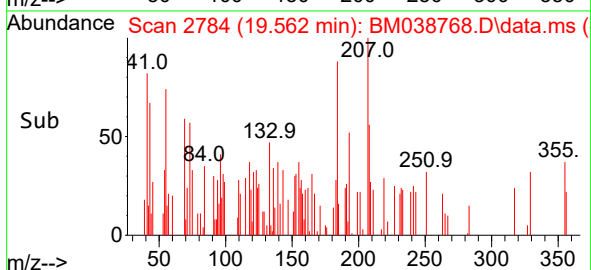
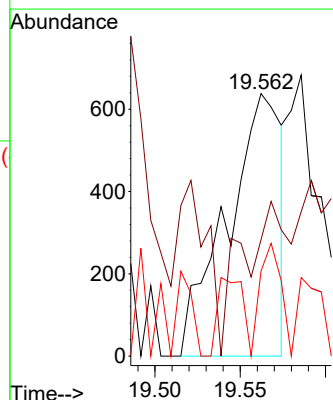
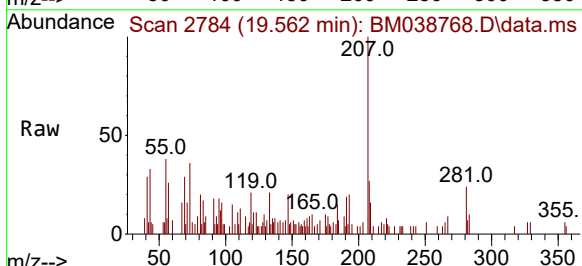
Tgt Ion:184 Resp: 1412

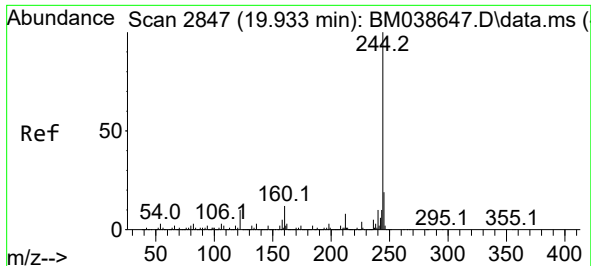
Ion Ratio Lower Upper

184 100

185 44.4 10.8 16.2#

183 32.4 8.8 13.2#

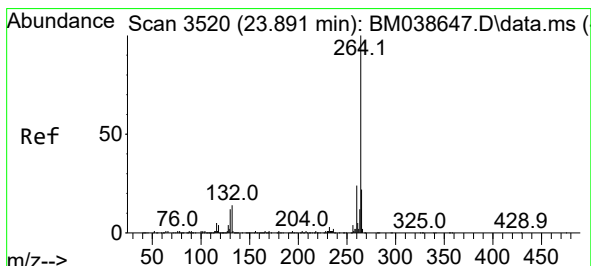
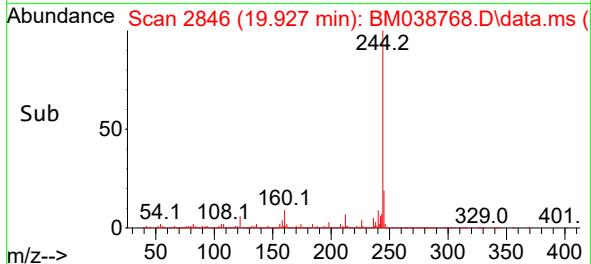
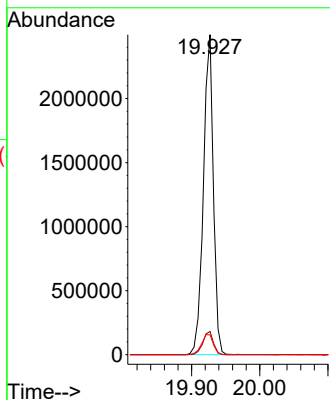
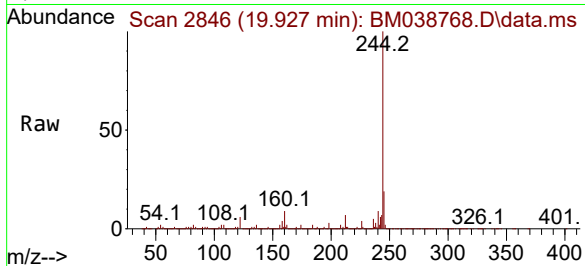




#79
 Terphenyl-d14
 Concen: 156.377 ng
 RT: 19.927 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM038768.D
 Acq: 16 Feb 2023 21:56

Instrument :
 BNA_M
 ClientSampleId :
 TWP-06RE

Tgt Ion:244 Resp: 2536734
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 9.8
 122 6.2 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.862 min Scan# 3515
 Delta R.T. -0.006 min
 Lab File: BM038768.D
 Acq: 16 Feb 2023 21:56

Tgt Ion:264 Resp: 291354
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 22.4 17.9 26.9

