

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041341.D
 Acq On : 09 Aug 2023 13:47
 Operator : MA/JU
 Sample : PB154288BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154288BL

Quant Time: Aug 09 17:40:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

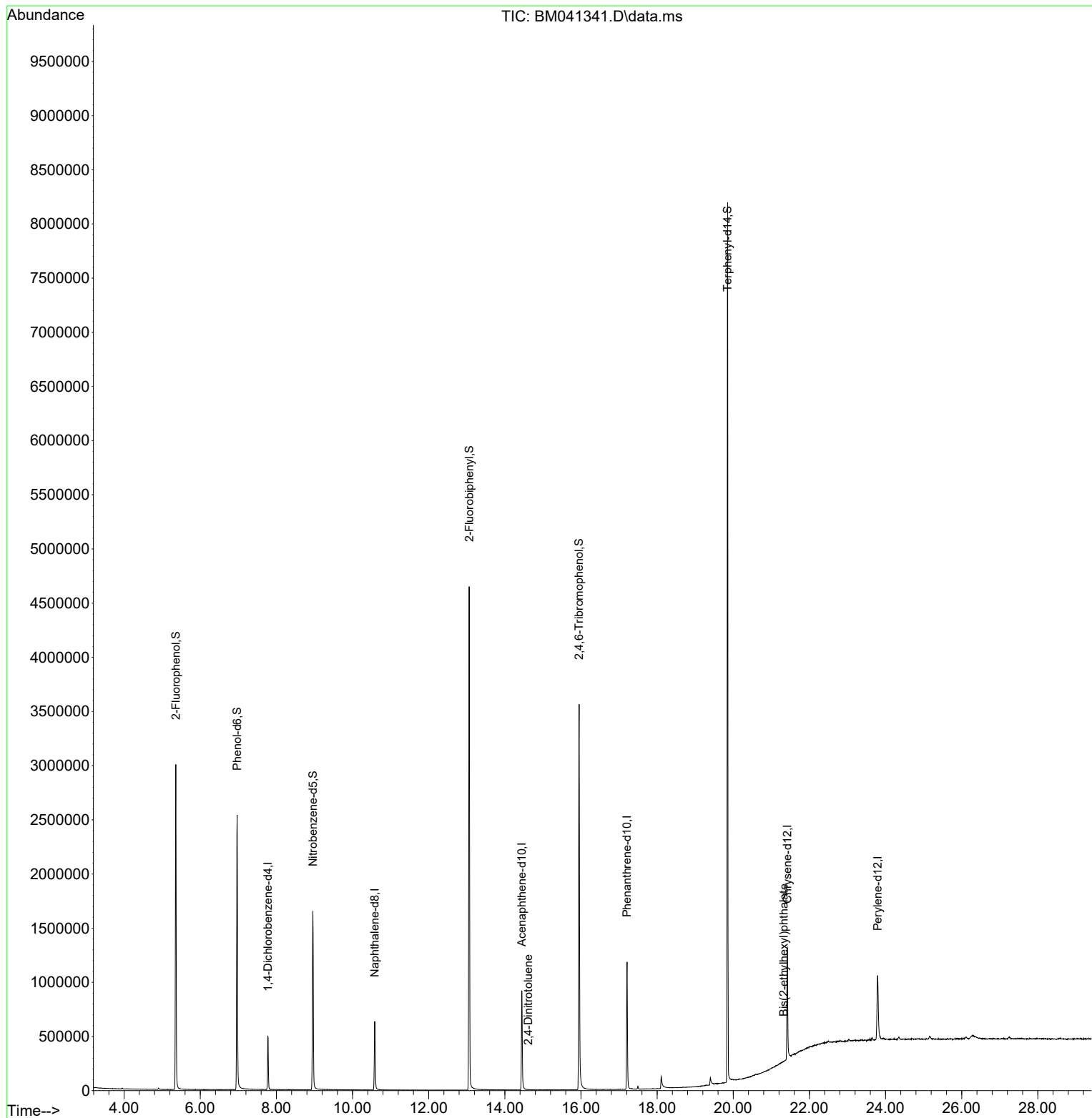
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	128573	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	524441	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	331413	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	750391	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	579191	20.000	ng	0.00
86) Perylene-d12	23.791	264	571033	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1180123	137.182	ng	0.00
7) Phenol-d6	6.969	99	1438908	129.038	ng	0.00
23) Nitrobenzene-d5	8.957	82	975360	86.490	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	706492	150.713	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2323027	88.547	ng	0.00
79) Terphenyl-d14	19.850	244	3894172	121.564	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.615	165	54	2.677	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.327	149	1397	2.595	ng	# 82

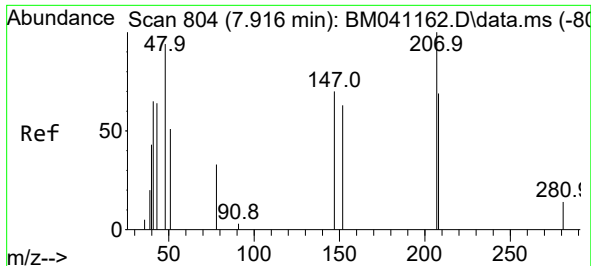
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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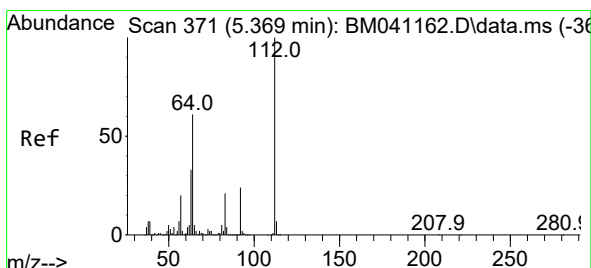
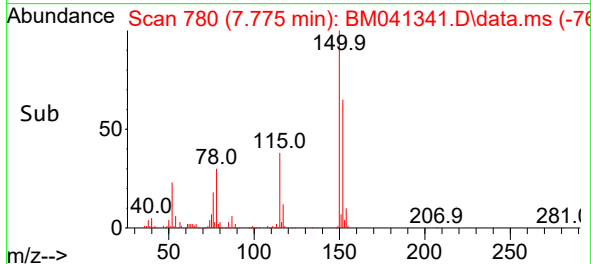
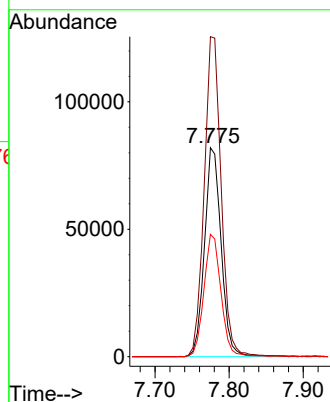
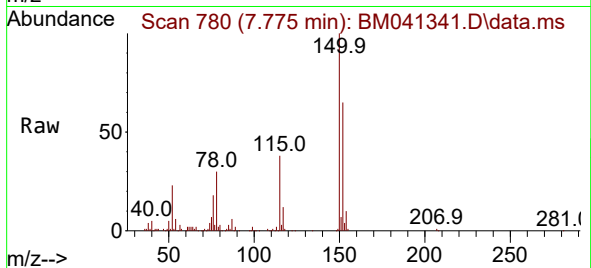




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

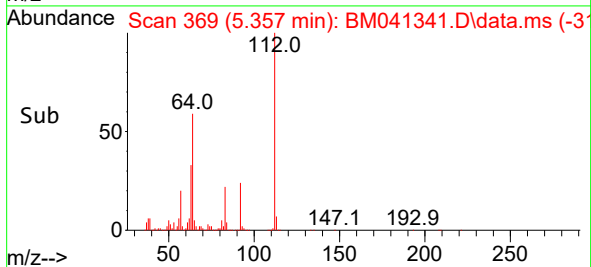
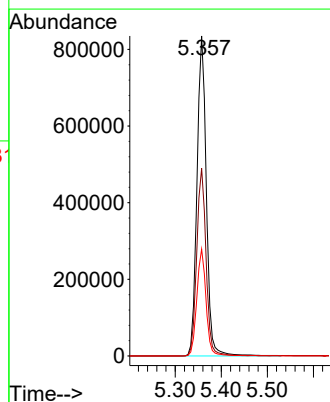
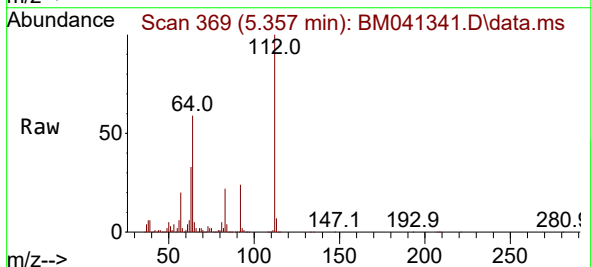
Instrument :
BNA_M
ClientSampleId :
PB154288BL

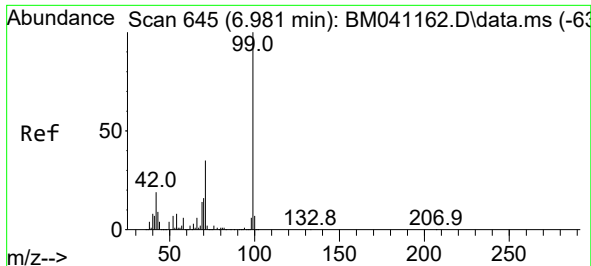
Tgt Ion:152 Resp: 128573
Ion Ratio Lower Upper
152 100
150 153.1 125.5 188.3
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 137.182 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

Tgt Ion:112 Resp: 1180123
Ion Ratio Lower Upper
112 100
64 58.6 48.5 72.7
63 33.4 26.5 39.7

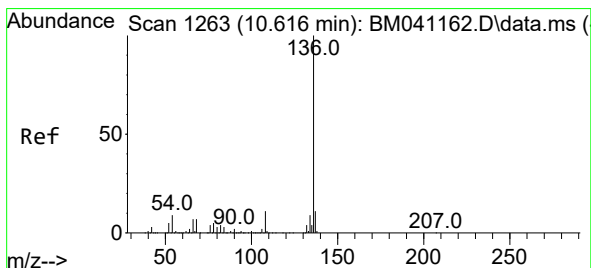
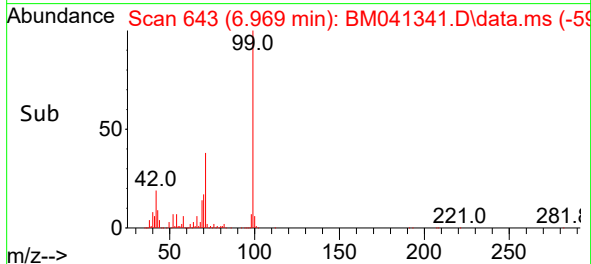
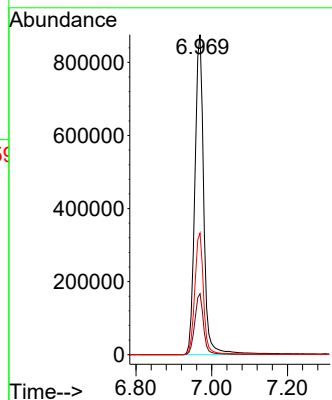
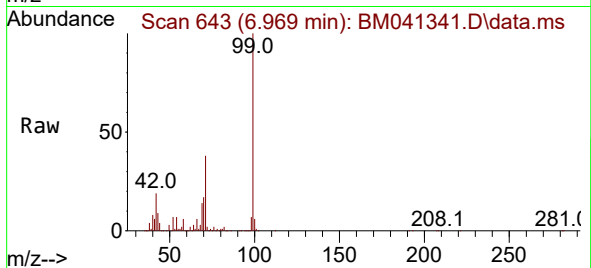




#7
Phenol-d6
Concen: 129.038 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

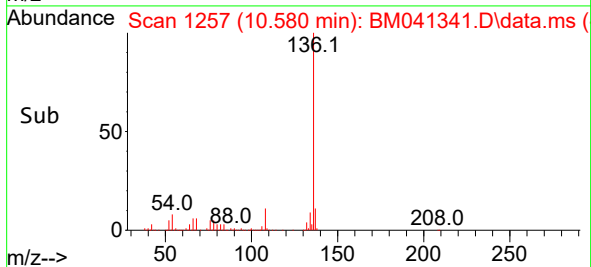
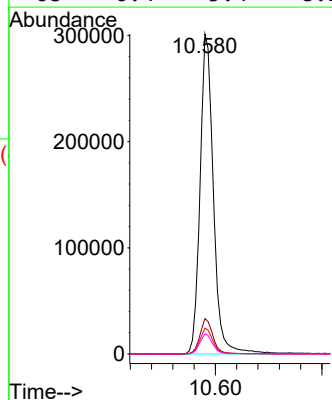
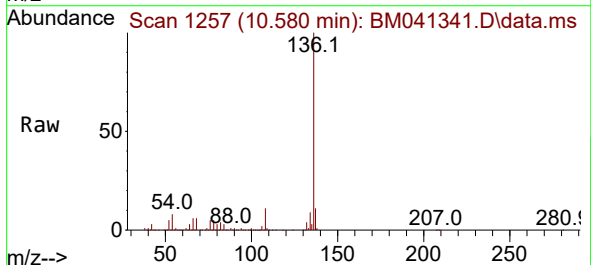
Instrument :
BNA_M
ClientSampleId :
PB154288BL

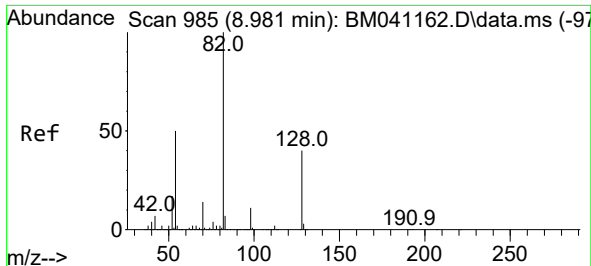
Tgt Ion: 99 Resp: 1438908
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 38.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

Tgt Ion: 136 Resp: 524441
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 6.9 10.3
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 86.490 ng

RT: 8.957 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041341.D

Acq: 09 Aug 2023 13:47

Instrument :

BNA_M

ClientSampleId :

PB154288BL

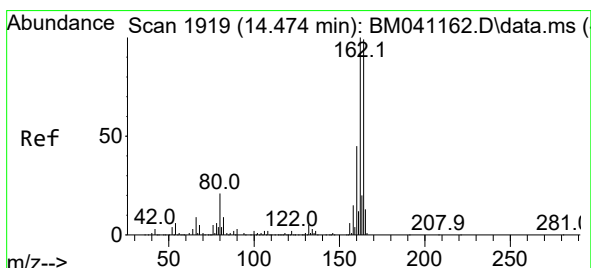
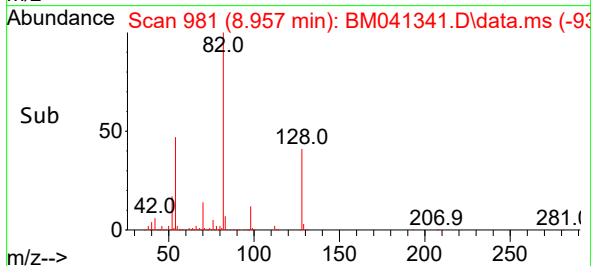
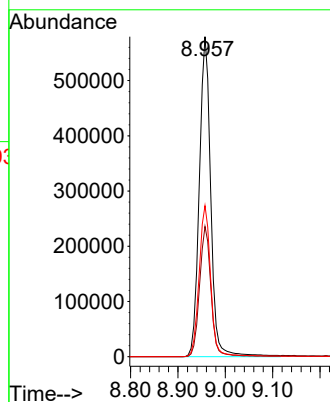
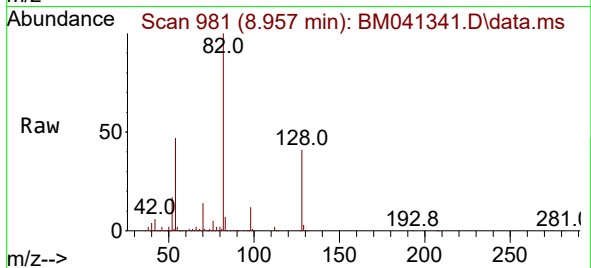
Tgt Ion: 82 Resp: 975360

Ion Ratio Lower Upper

82 100

128 40.7 31.8 47.6

54 47.2 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BM041341.D

Acq: 09 Aug 2023 13:47

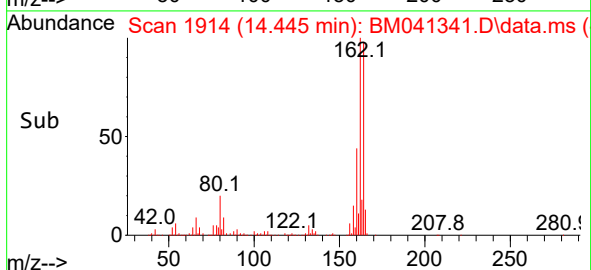
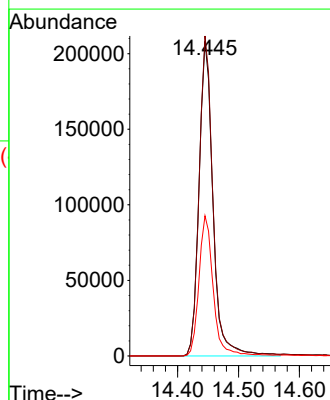
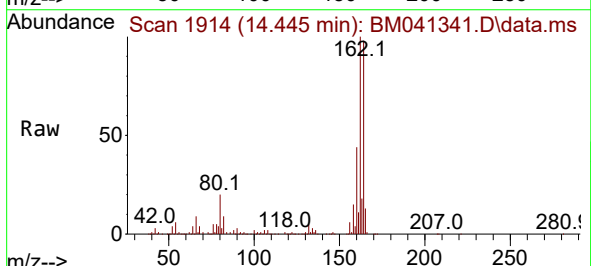
Tgt Ion: 164 Resp: 331413

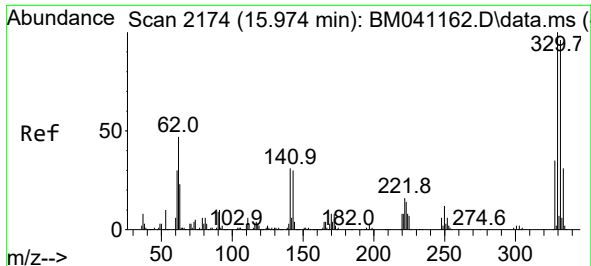
Ion Ratio Lower Upper

164 100

162 101.7 80.4 120.6

160 44.5 36.2 54.2

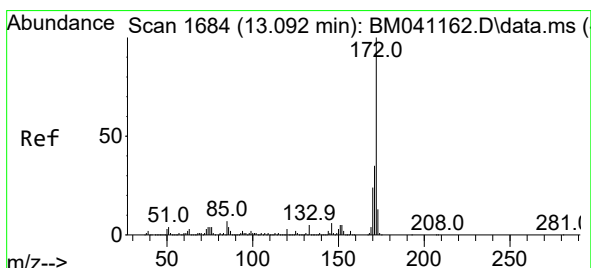
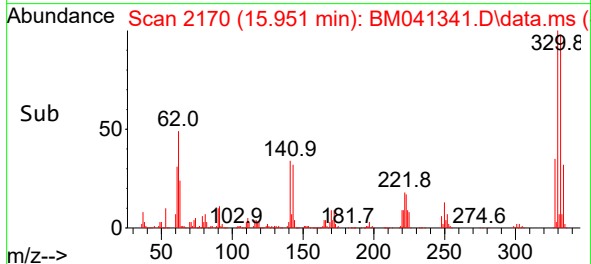
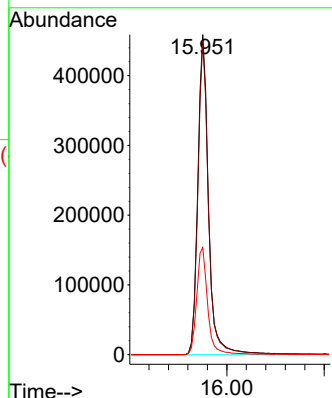
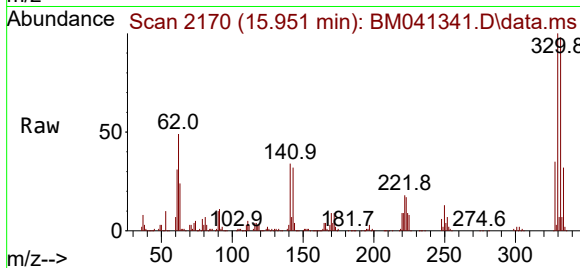




#42
2,4,6-Tribromophenol
Concen: 150.713 ng
RT: 15.951 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

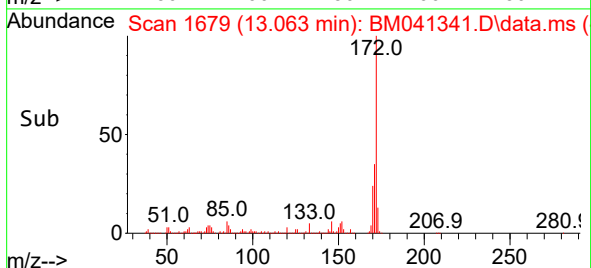
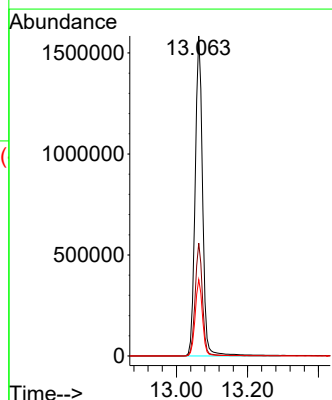
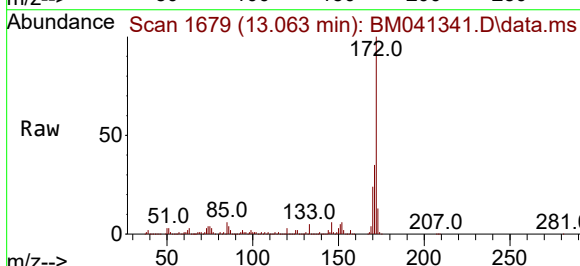
Instrument :
BNA_M
ClientSampleId :
PB154288BL

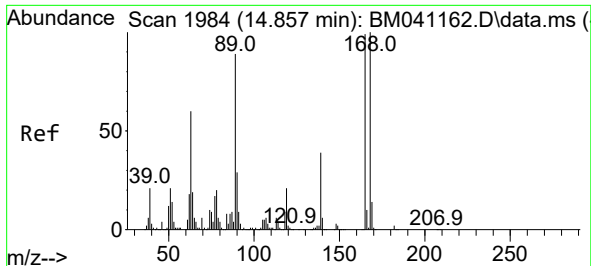
Tgt Ion:330 Resp: 706492
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 34.4 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 88.547 ng
RT: 13.063 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

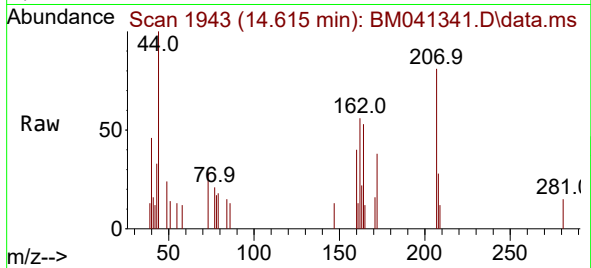
Tgt Ion:172 Resp: 2323027
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.8 18.9 28.3



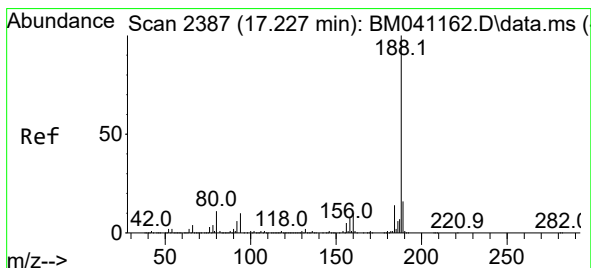
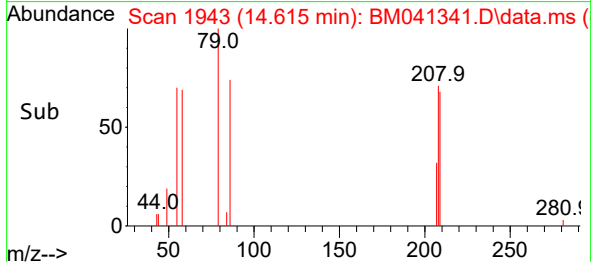
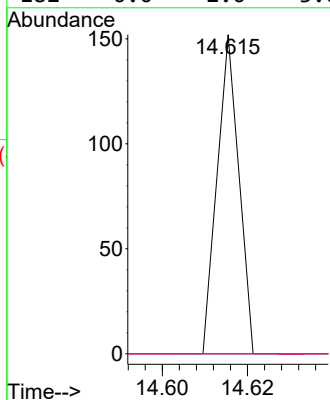


#57
2,4-Dinitrotoluene
Concen: 2.677 ng
RT: 14.615 min Scan# 1943
Delta R.T. -0.230 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

Instrument :
BNA_M
ClientSampleId :
PB154288BL

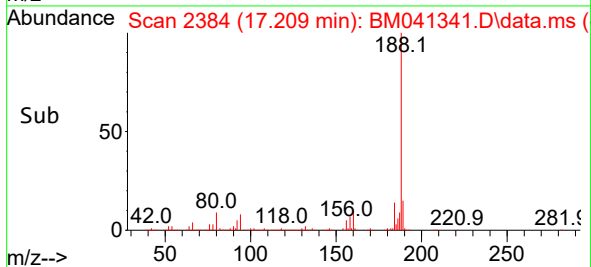
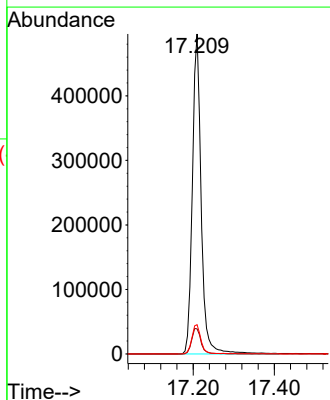
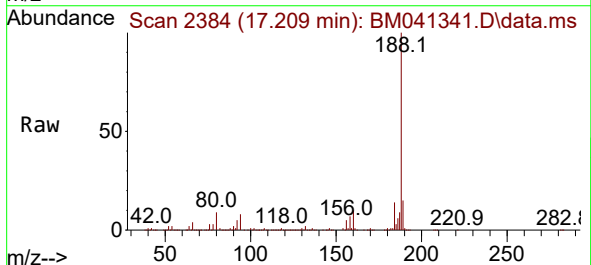


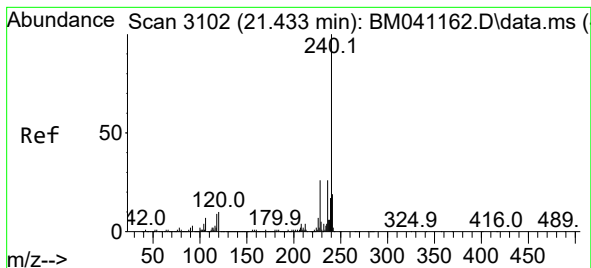
Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

Tgt Ion:188 Resp: 750391
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 9.1 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.006 min

Lab File: BM041341.D

Acq: 09 Aug 2023 13:47

Instrument :

BNA_M

ClientSampleId :

PB154288BL

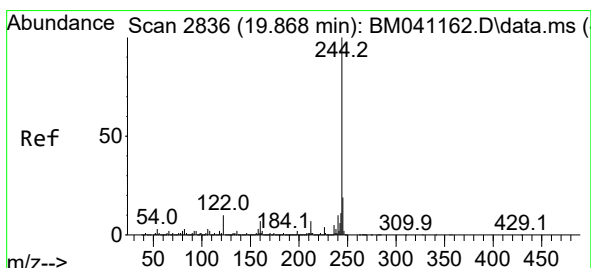
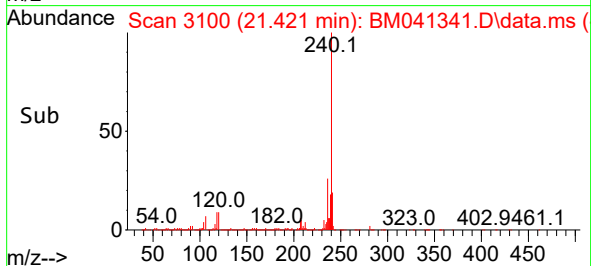
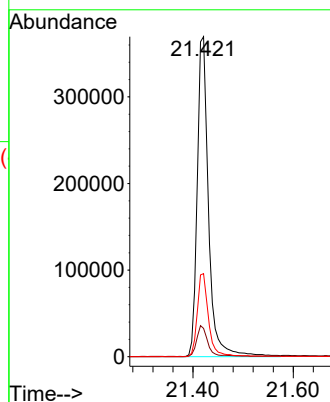
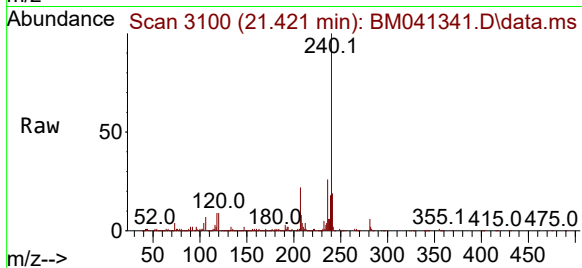
Tgt Ion:240 Resp: 579191

Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

236 25.9 20.6 30.8



#79

Terphenyl-d14

Concen: 121.564 ng

RT: 19.850 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BM041341.D

Acq: 09 Aug 2023 13:47

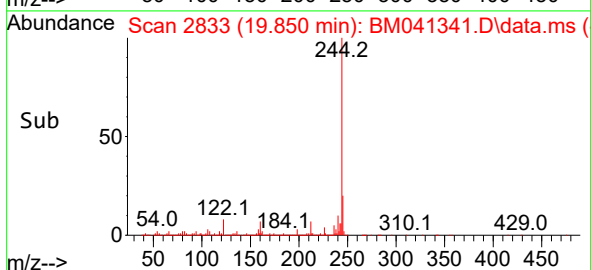
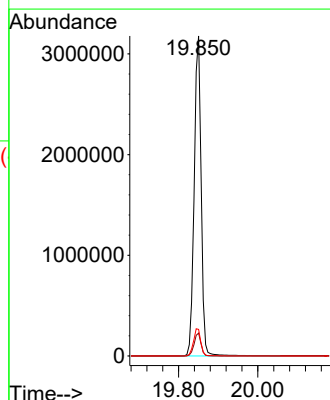
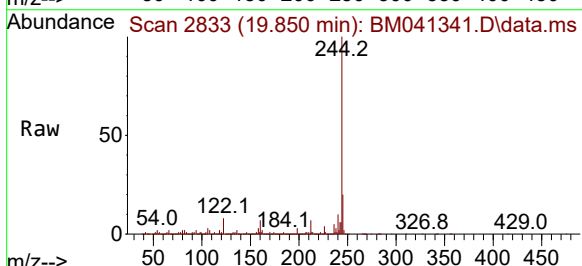
Tgt Ion:244 Resp: 3894172

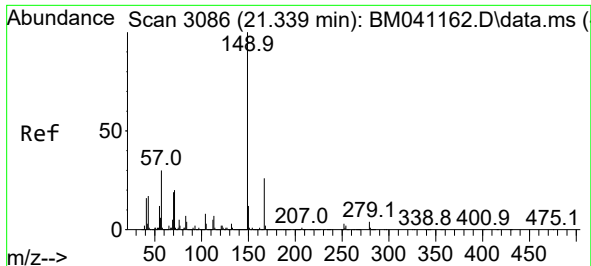
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 8.3 7.8 11.6

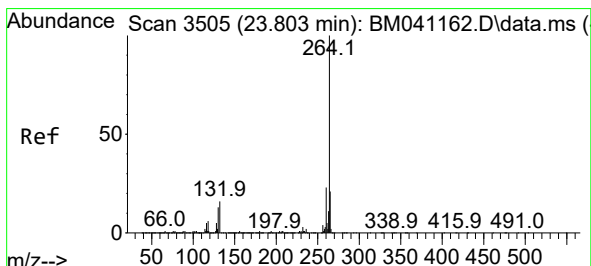
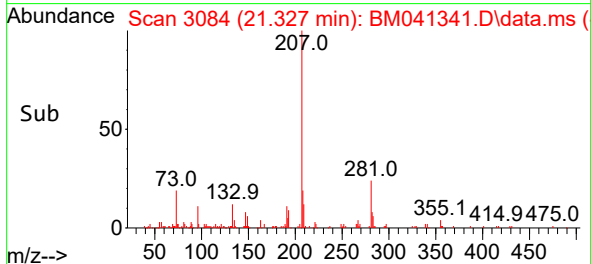
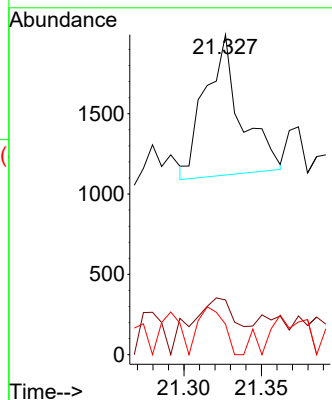
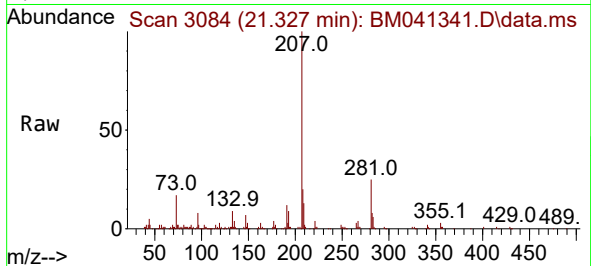




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.595 ng
RT: 21.327 min Scan# 3084
Delta R.T. 0.006 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

Instrument :
BNA_M
ClientSampleId :
PB154288BL

Tgt Ion:149 Resp: 1397
Ion Ratio Lower Upper
149 100
167 17.1 21.0 31.6#
279 9.5 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 3503
Delta R.T. 0.012 min
Lab File: BM041341.D
Acq: 09 Aug 2023 13:47

Tgt Ion:264 Resp: 571033
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 22.9 17.4 26.0

