

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
 Data File : BM041400.D
 Acq On : 14 Aug 2023 14:56
 Operator : MA/JU
 Sample : 03973-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-01-COMP

Quant Time: Aug 14 19:05:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

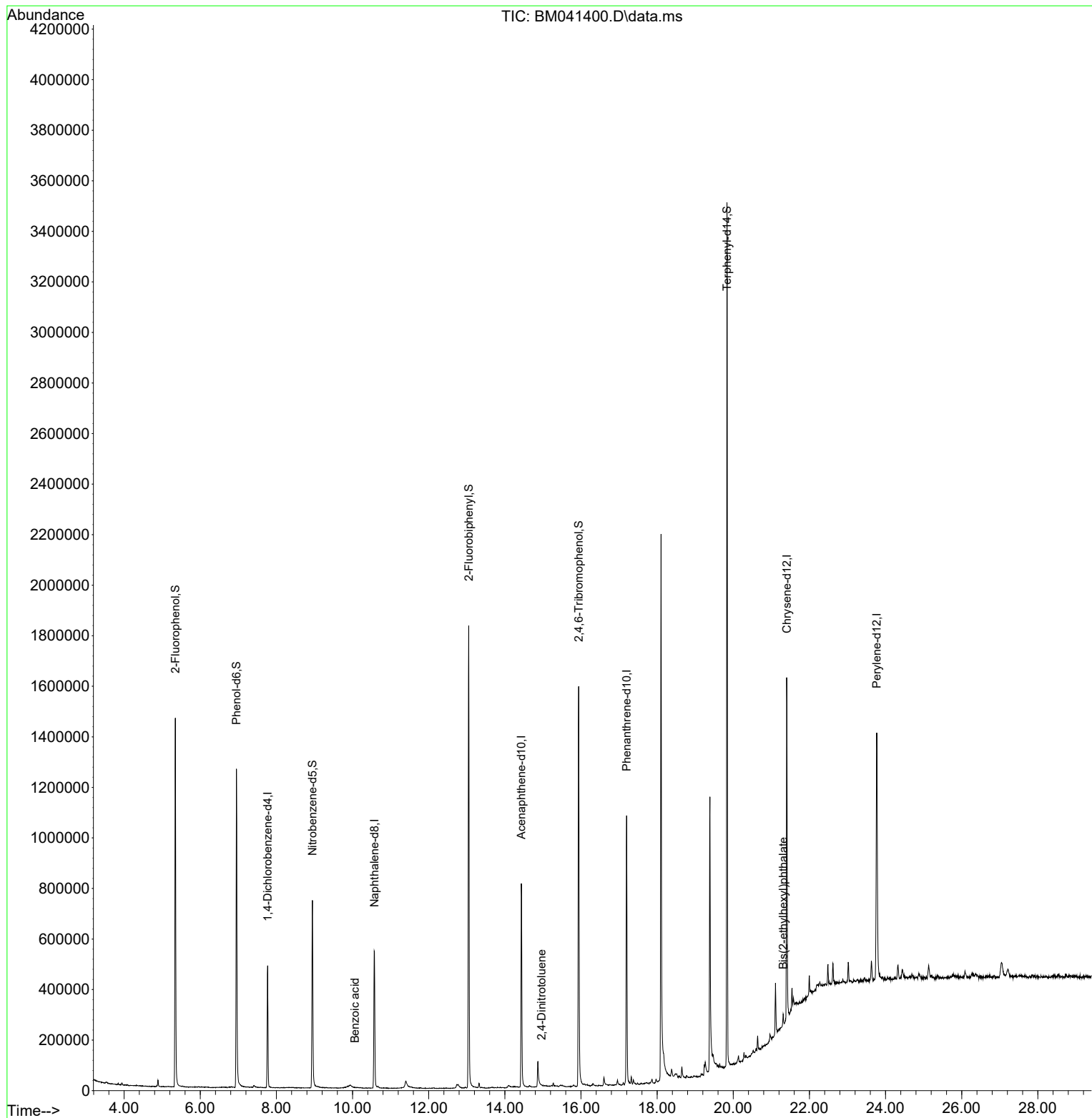
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	122131	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	452969	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	278918	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	636873	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	658224	20.000	ng	-0.01
86) Perylene-d12	23.768	264	784138	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	575852	70.470	ng	0.00
7) Phenol-d6	6.952	99	699803	66.067	ng	0.00
23) Nitrobenzene-d5	8.946	82	445478	45.735	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	306577	77.710	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	919998	41.668	ng	0.00
79) Terphenyl-d14	19.833	244	1583358	43.493	ng	-0.01
Target Compounds						
32) Benzoic acid	10.063	122	322	7.209	ng	Qvalue 89
57) 2,4-Dinitrotoluene	14.963	165	54	2.679	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.310	149	15337	3.083	ng	# 97

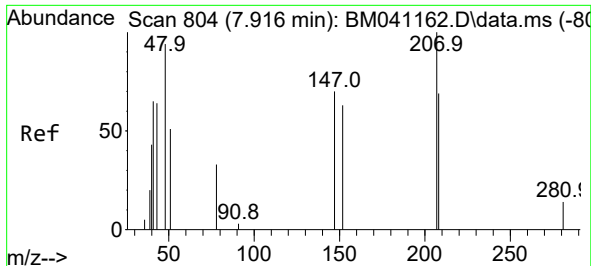
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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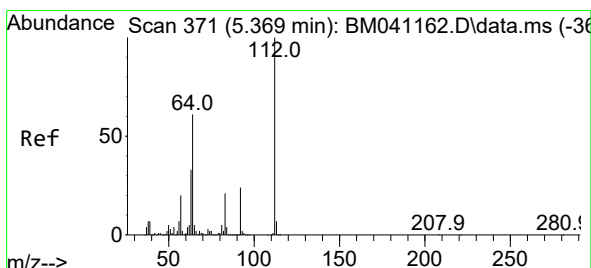
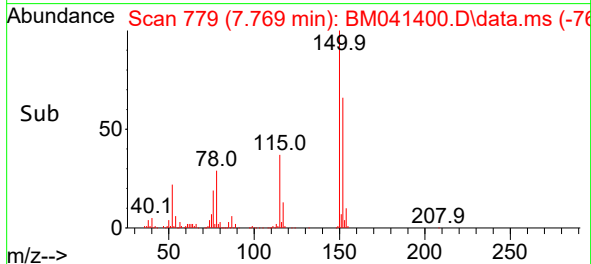
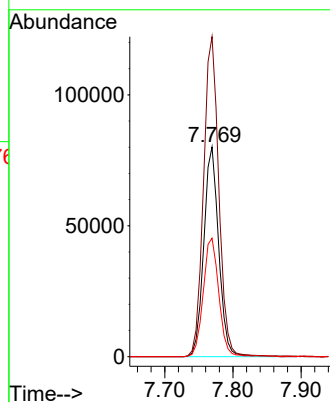
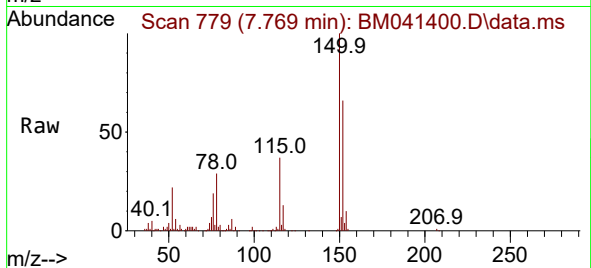




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

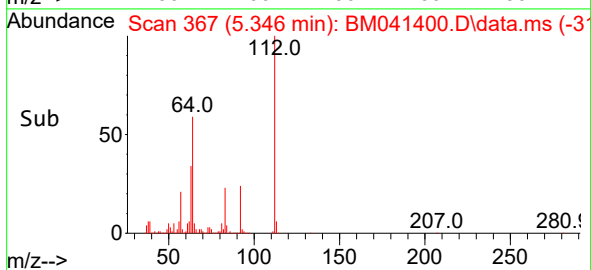
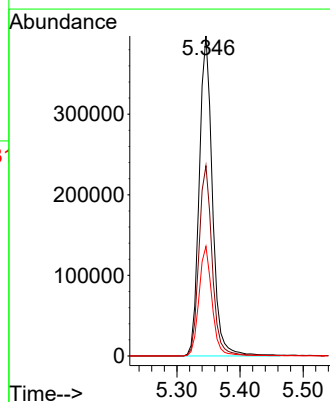
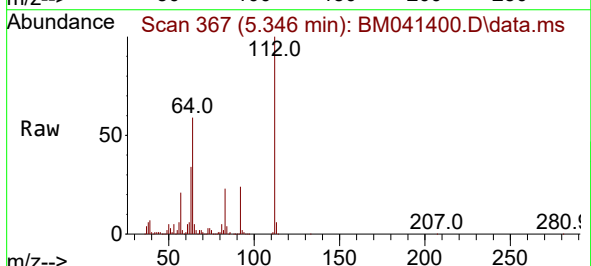
Instrument :
BNA_M
ClientSampleId :
SB-01-COMP

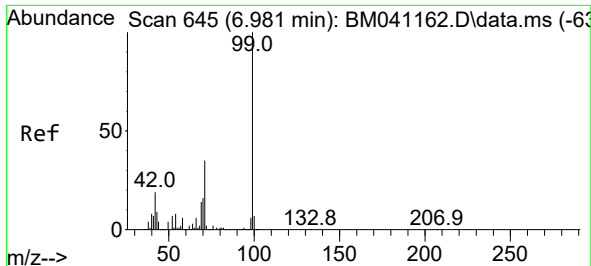
Tgt Ion:152 Resp: 122131
Ion Ratio Lower Upper
152 100
150 152.5 125.5 188.3
115 56.5 48.0 72.0



#5
2-Fluorophenol
Concen: 70.470 ng
RT: 5.346 min Scan# 367
Delta R.T. 0.000 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

Tgt Ion:112 Resp: 575852
Ion Ratio Lower Upper
112 100
64 59.4 48.5 72.7
63 34.2 26.5 39.7

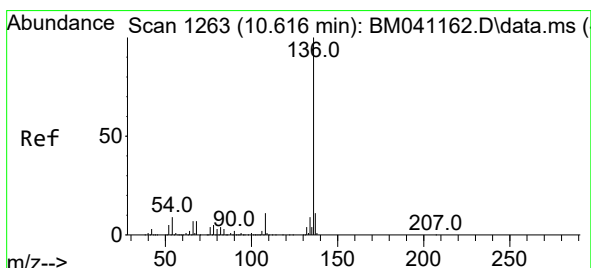
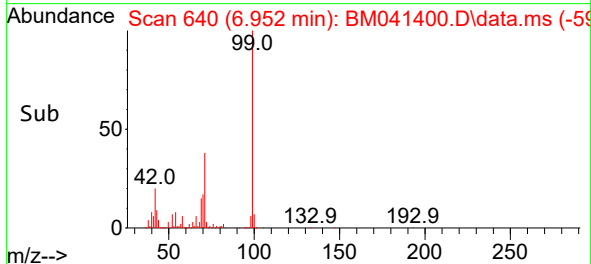
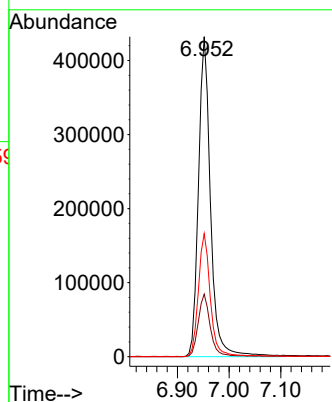
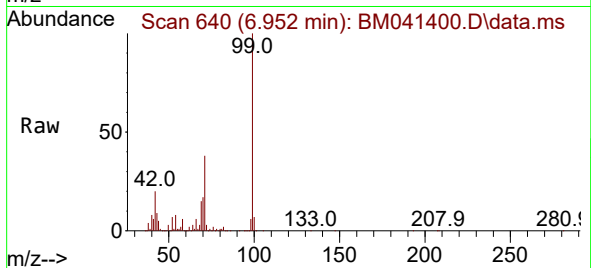




#7
Phenol-d6
Concen: 66.067 ng
RT: 6.952 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

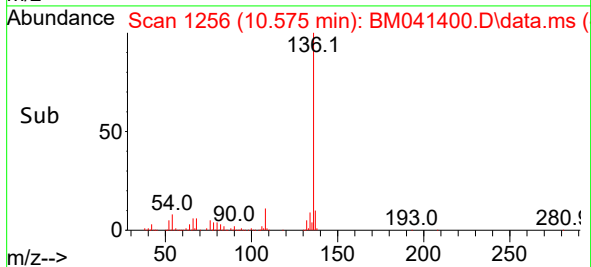
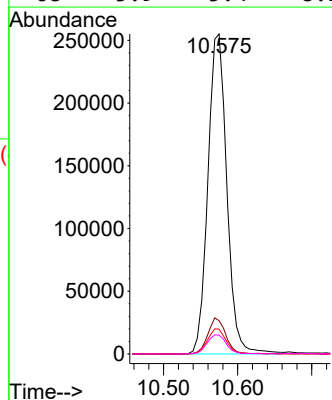
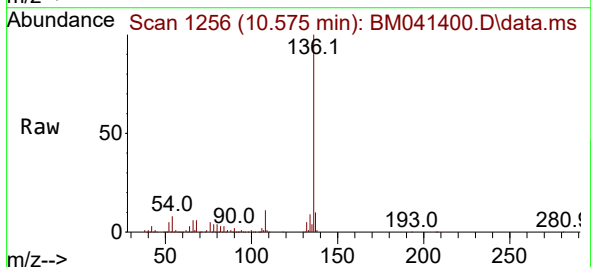
Instrument :
BNA_M
ClientSampleId :
SB-01-COMP

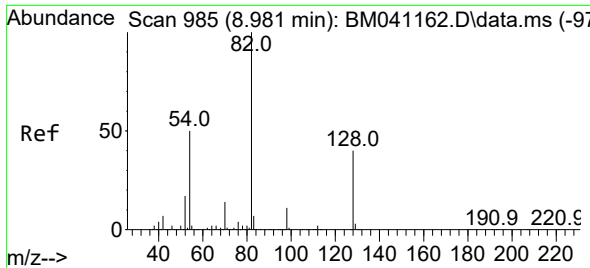
Tgt Ion: 99 Resp: 699803
Ion Ratio Lower Upper
99 100
42 19.6 15.4 23.0
71 38.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

Tgt Ion: 136 Resp: 452969
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.7 6.9 10.3
68 5.9 5.4 8.2

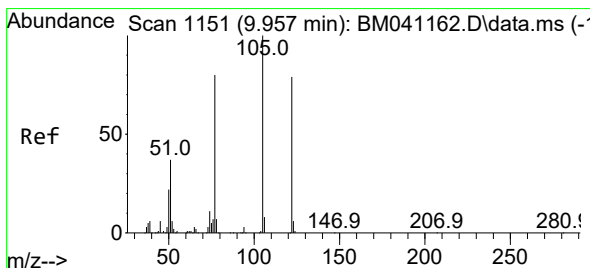
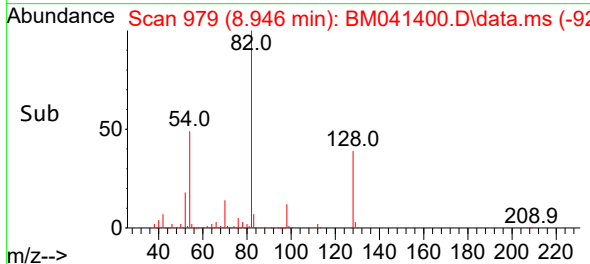
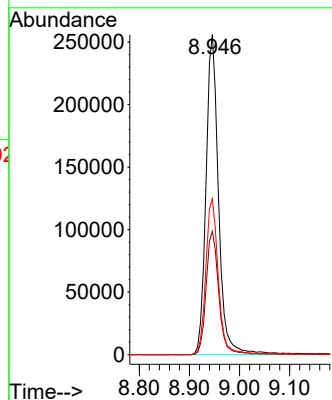
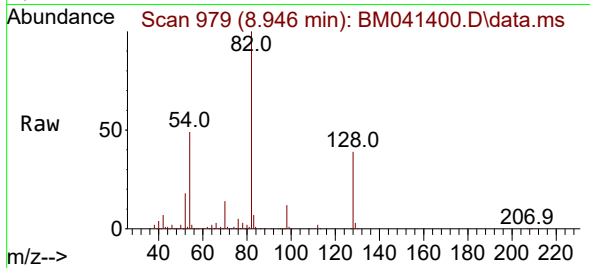




#23
Nitrobenzene-d5
Concen: 45.735 ng
RT: 8.946 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

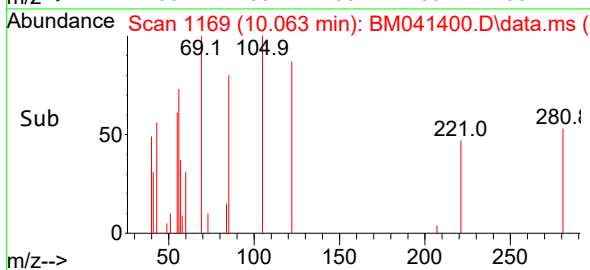
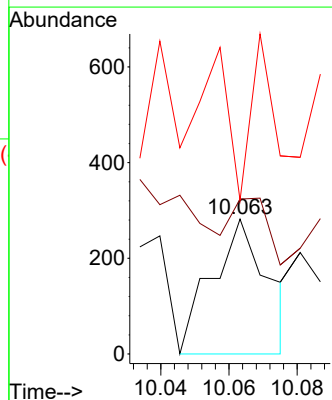
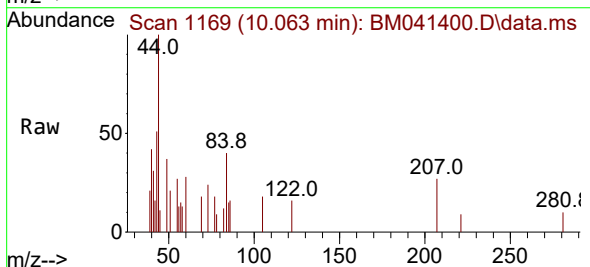
Instrument :
BNA_M
ClientSampleId :
SB-01-COMP

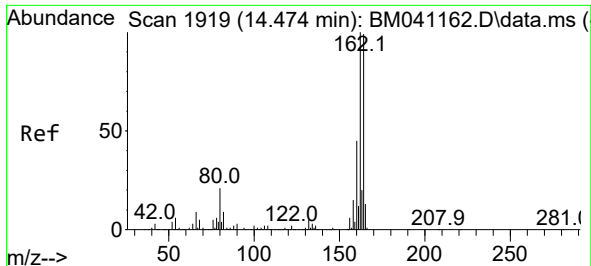
Tgt Ion: 82 Resp: 445478
Ion Ratio Lower Upper
82 100
128 38.5 31.8 47.6
54 48.7 40.1 60.1



#32
Benzoic acid
Concen: 7.209 ng
RT: 10.063 min Scan# 1169
Delta R.T. 0.112 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

Tgt Ion: 122 Resp: 322
Ion Ratio Lower Upper
122 100
105 114.9 104.0 144.0
77 113.8 79.9 119.9

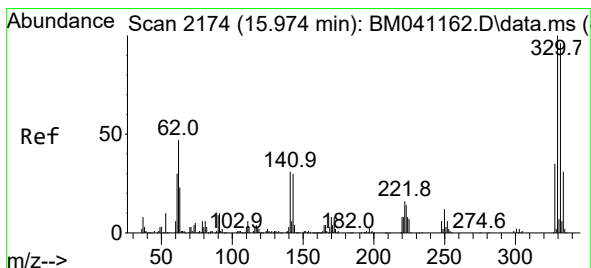
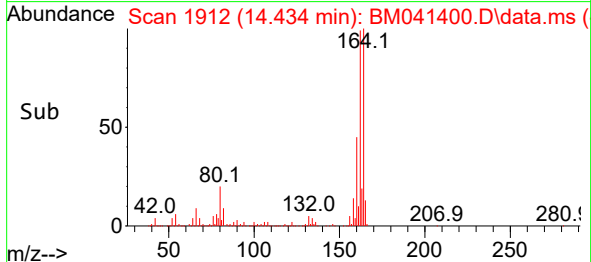
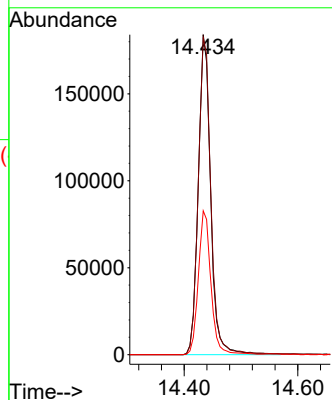
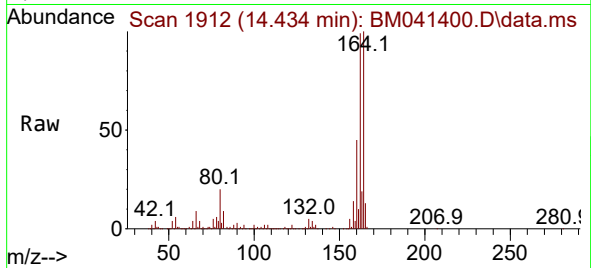




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

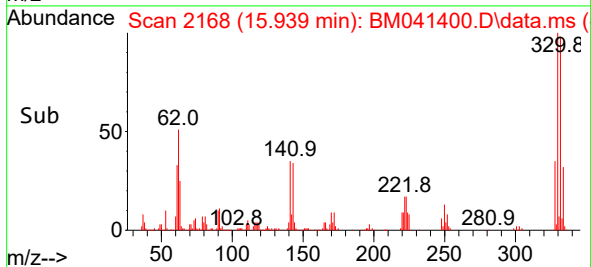
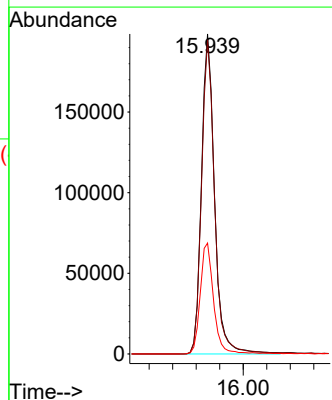
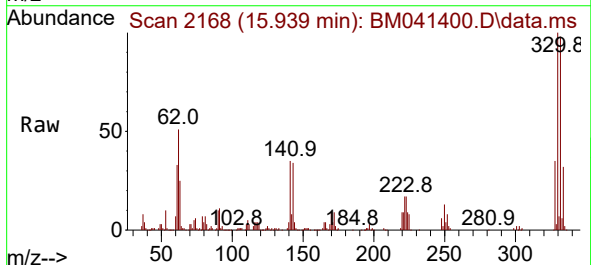
Instrument :
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ClientSampleId :
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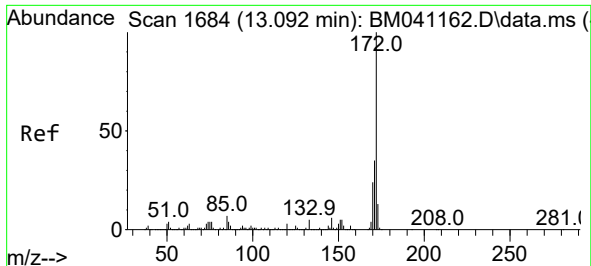
Tgt Ion:164 Resp: 278918
Ion Ratio Lower Upper
164 100
162 99.1 80.4 120.6
160 45.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 77.710 ng
RT: 15.939 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

Tgt Ion:330 Resp: 306577
Ion Ratio Lower Upper
330 100
332 98.2 77.7 116.5
141 35.5 28.3 42.5

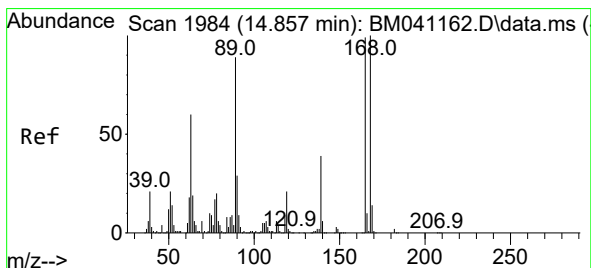
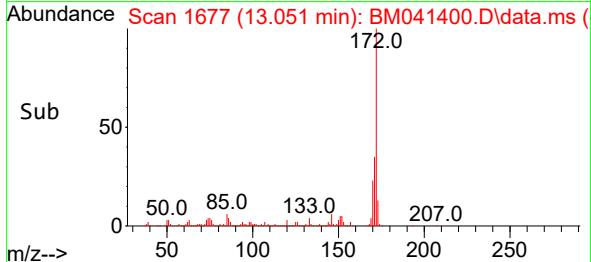
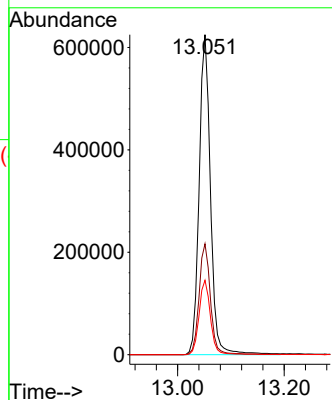
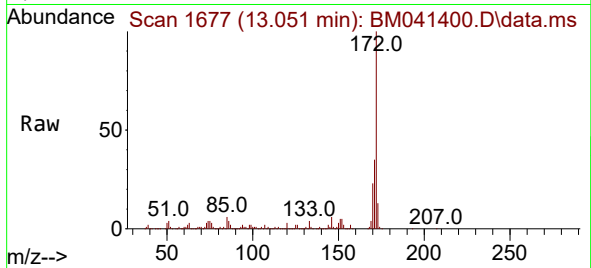




#45
2-Fluorobiphenyl
Concen: 41.668 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

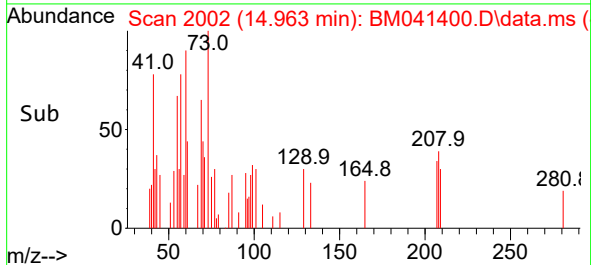
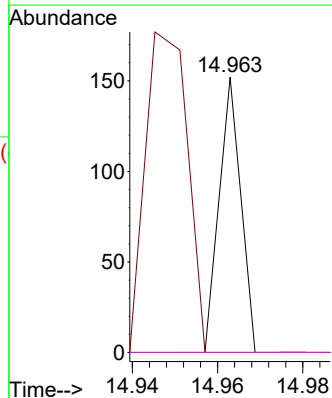
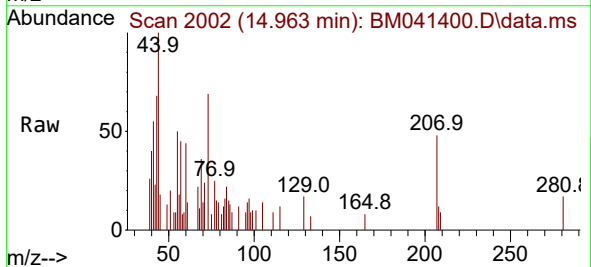
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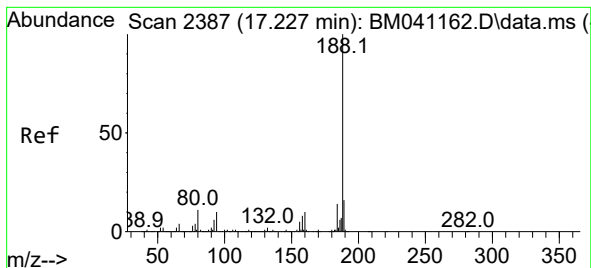
Tgt Ion:172 Resp: 919998
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.3 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.963 min Scan# 2002
Delta R.T. 0.124 min
Lab File: BM041400.D
Acq: 14 Aug 2023 14:56

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: 17.198 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041400.D

Acq: 14 Aug 2023 14:56

Instrument :

BNA_M

ClientSampleId :

SB-01-COMP

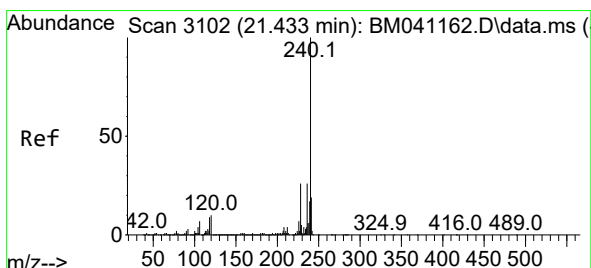
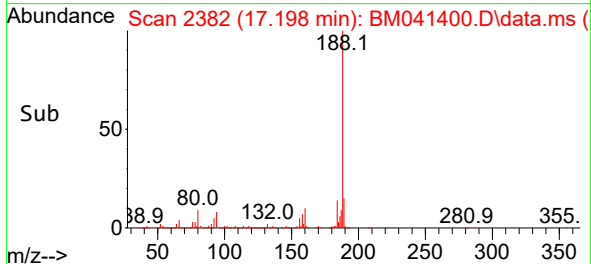
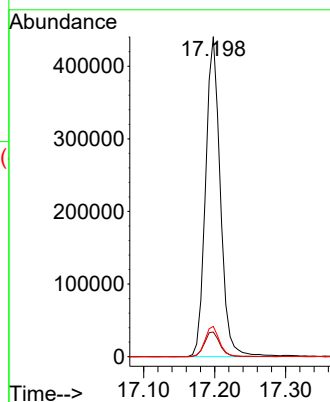
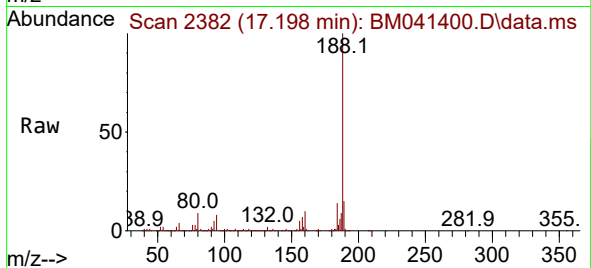
Tgt Ion:188 Resp: 636873

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

80 9.4 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3097

Delta R.T. -0.012 min

Lab File: BM041400.D

Acq: 14 Aug 2023 14:56

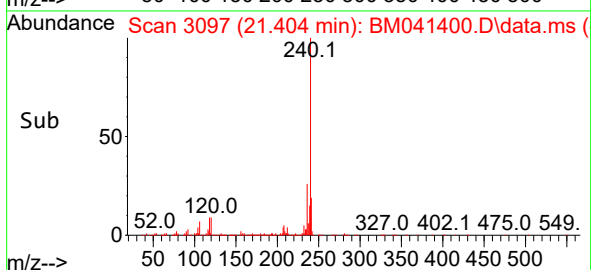
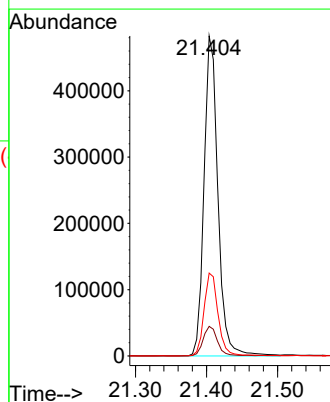
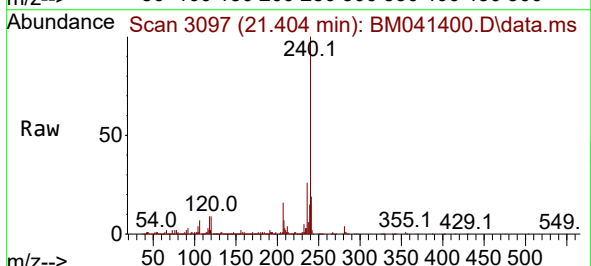
Tgt Ion:240 Resp: 658224

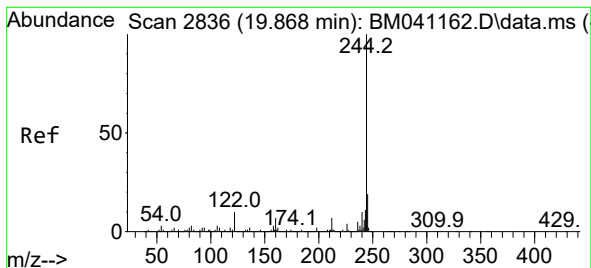
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 43.493 ng

RT: 19.833 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041400.D

Acq: 14 Aug 2023 14:56

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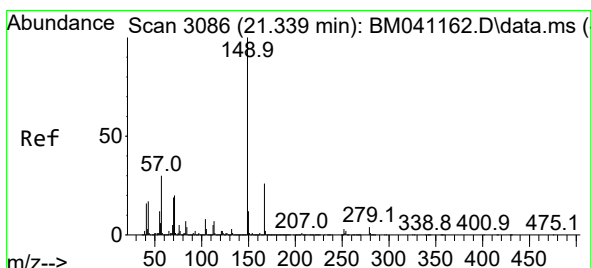
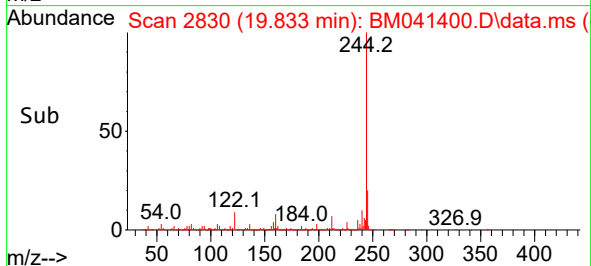
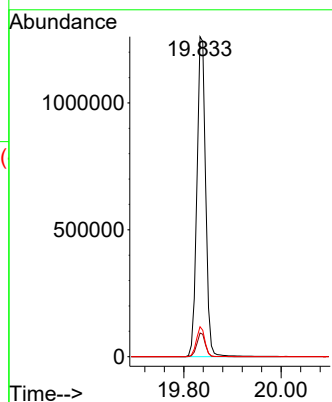
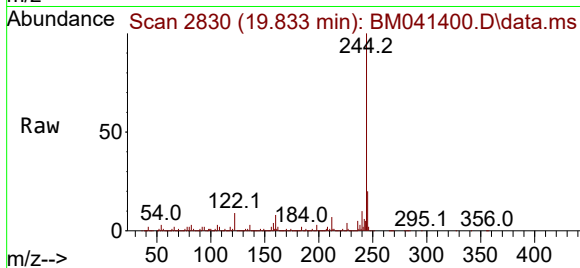
Tgt Ion:244 Resp: 1583358

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 9.4 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.083 ng

RT: 21.310 min Scan# 3081

Delta R.T. -0.012 min

Lab File: BM041400.D

Acq: 14 Aug 2023 14:56

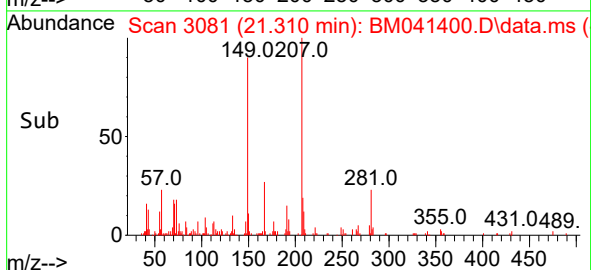
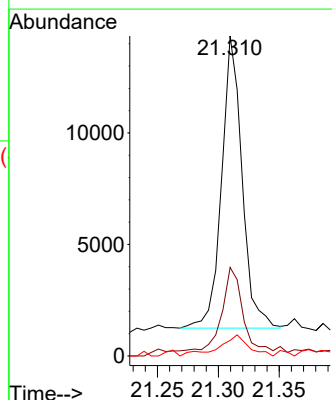
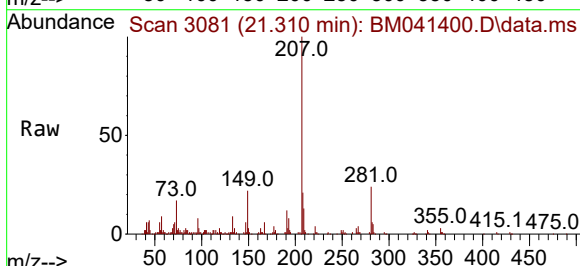
Tgt Ion:149 Resp: 15337

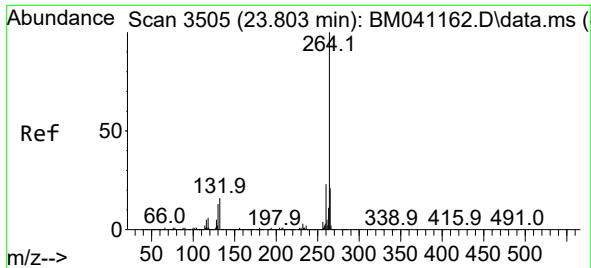
Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.6

279 4.9 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM041400.D

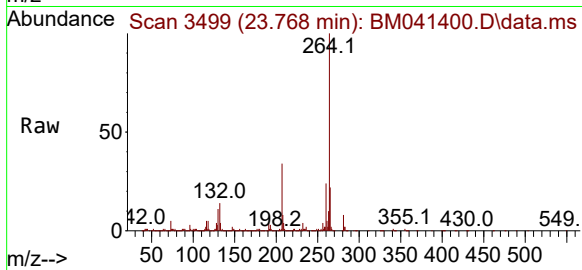
Acq: 14 Aug 2023 14:56

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Tgt Ion:264 Resp: 784138

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.9 17.4 26.0

