

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
 Data File : BM041401.D
 Acq On : 14 Aug 2023 15:35
 Operator : MA/JU
 Sample : 03973-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-COMP

Quant Time: Aug 14 19:06:07 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)

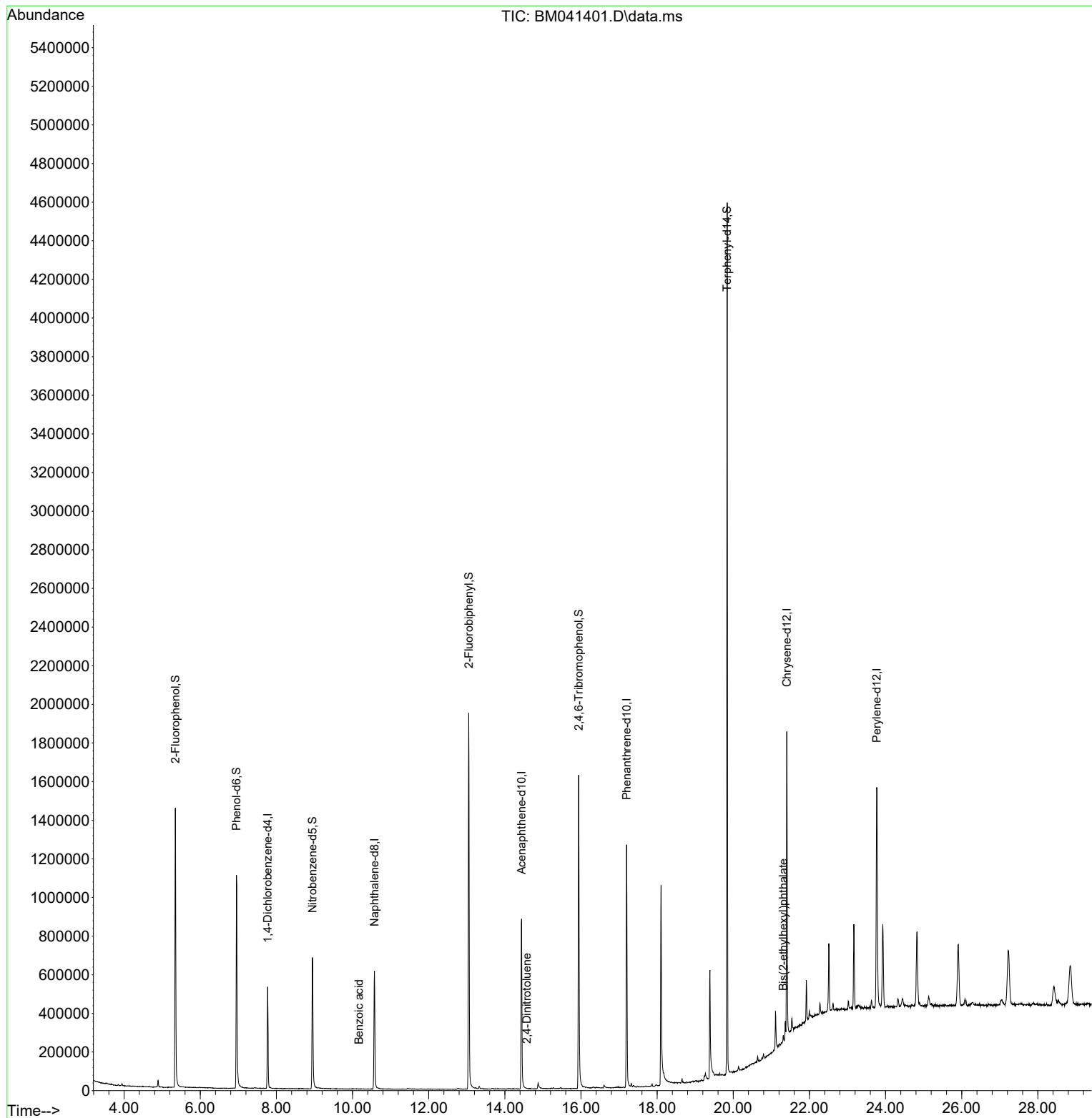
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	135797	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	509108	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	322512	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	751529	20.000	ng	0.00
76) Chrysene-d12	21.409	240	792500	20.000	ng	0.00
86) Perylene-d12	23.768	264	941806	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	585578	64.449	ng	0.00
7) Phenol-d6	6.951	99	655952	55.695	ng	0.00
23) Nitrobenzene-d5	8.945	82	425484	38.866	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	316602	69.403	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	1002142	39.253	ng	0.00
79) Terphenyl-d14	19.839	244	1946867	44.417	ng	0.00
Target Compounds						
32) Benzoic acid	10.169	122	53	7.163	ng	# 1
57) 2,4-Dinitrotoluene	14.580	165	54	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	11313	2.873	ng	98

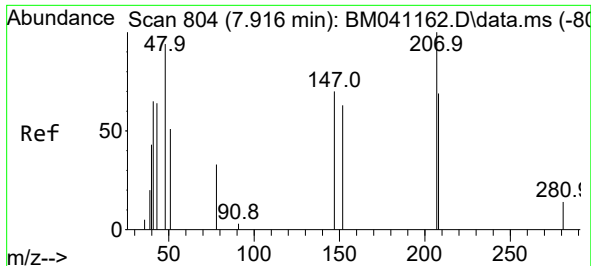
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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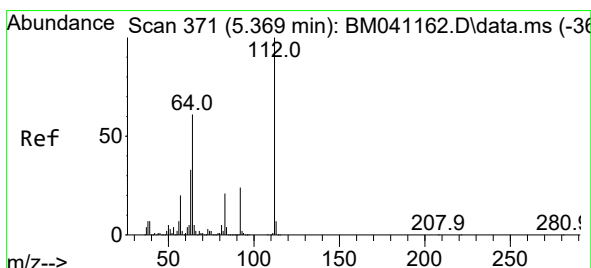
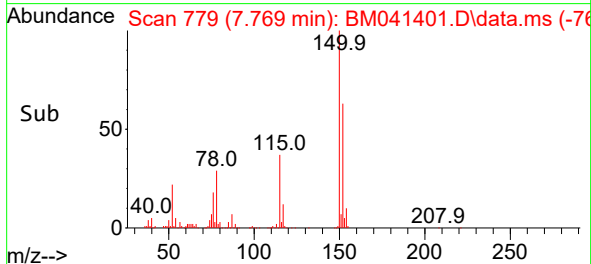
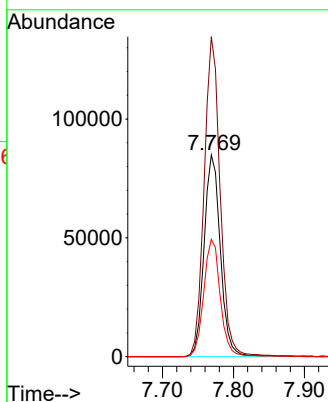
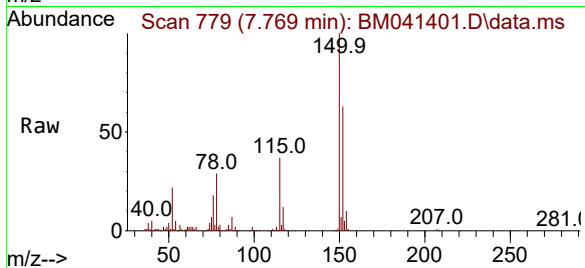




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

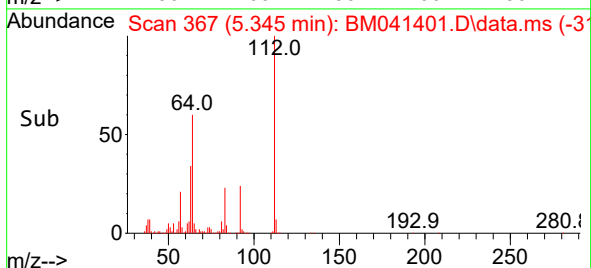
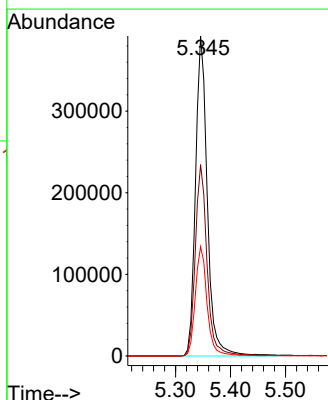
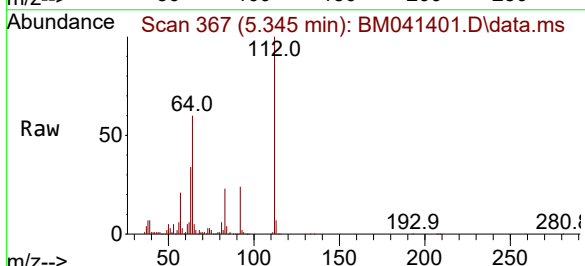
Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

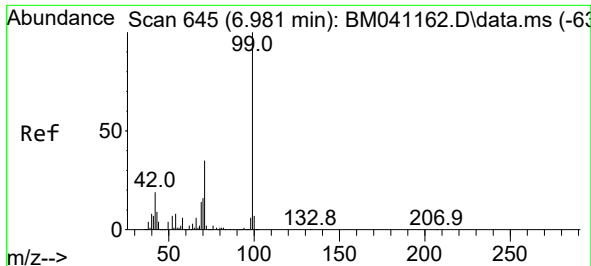
Tgt Ion:152 Resp: 135797
Ion Ratio Lower Upper
152 100
150 158.6 125.5 188.3
115 58.1 48.0 72.0



#5
2-Fluorophenol
Concen: 64.449 ng
RT: 5.345 min Scan# 367
Delta R.T. -0.000 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

Tgt Ion:112 Resp: 585578
Ion Ratio Lower Upper
112 100
64 59.8 48.5 72.7
63 34.2 26.5 39.7

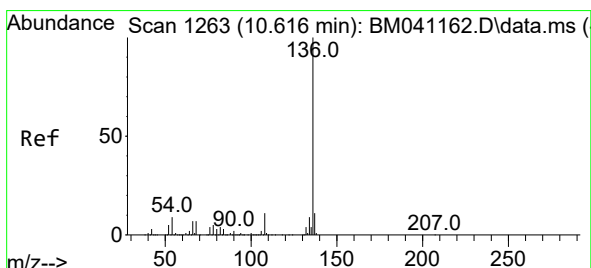
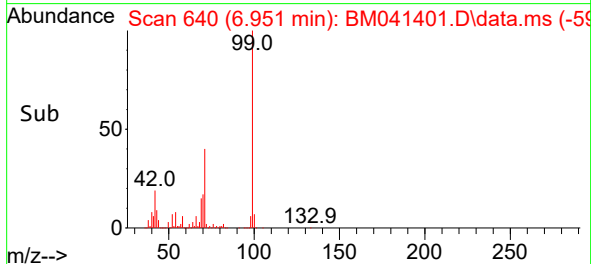
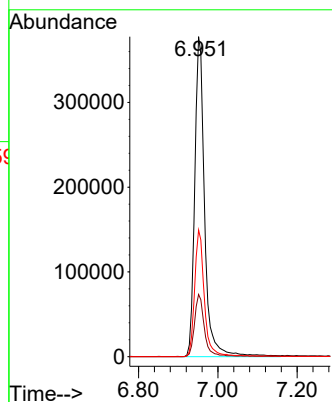
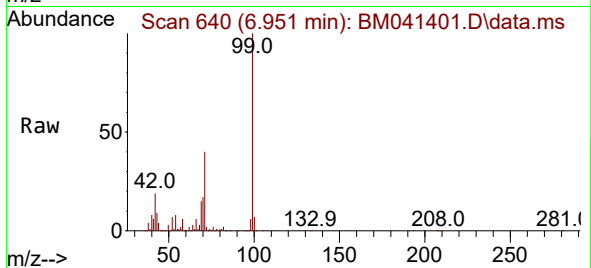




#7
Phenol-d6
Concen: 55.695 ng
RT: 6.951 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

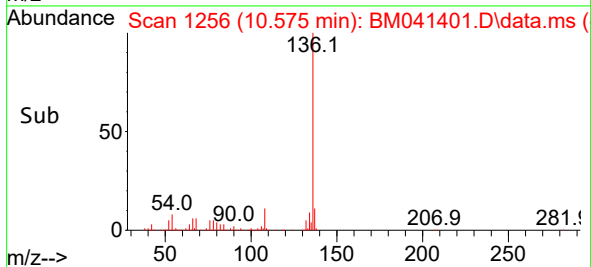
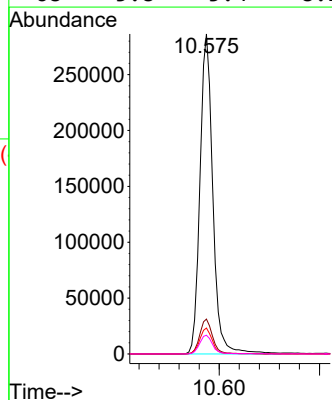
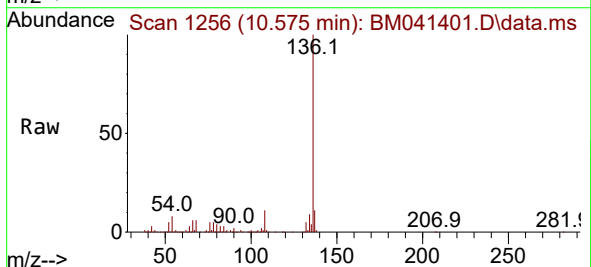
Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

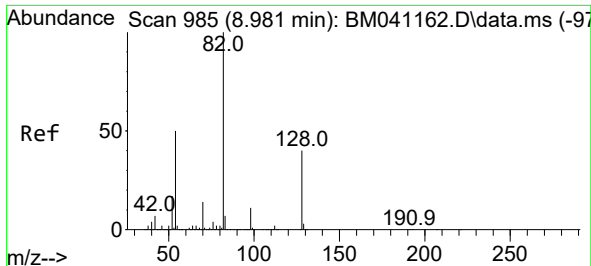
Tgt Ion: 99 Resp: 655952
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.0
71 39.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

Tgt Ion:136 Resp: 509108
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 6.9 10.3
68 5.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 38.866 ng

RT: 8.945 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041401.D

Acq: 14 Aug 2023 15:35

Instrument :

BNA_M

ClientSampleId :

SB-02-COMP

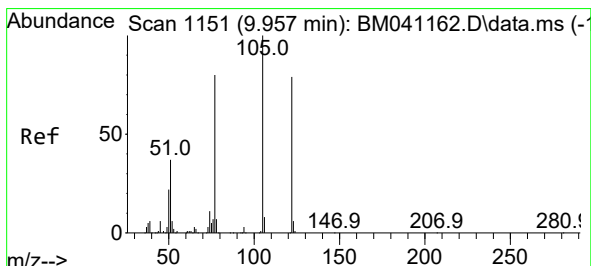
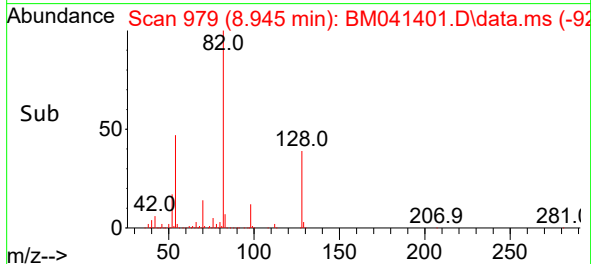
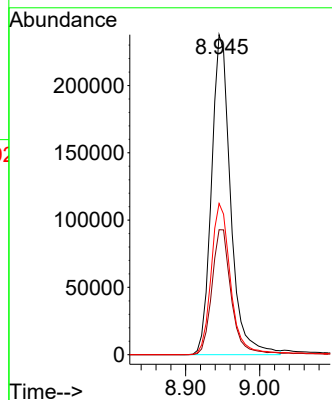
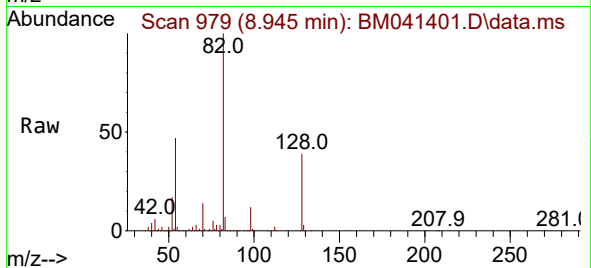
Tgt Ion: 82 Resp: 425484

Ion Ratio Lower Upper

82 100

128 39.0 31.8 47.6

54 47.2 40.1 60.1



#32

Benzoic acid

Concen: 7.163 ng

RT: 10.169 min Scan# 1187

Delta R.T. 0.217 min

Lab File: BM041401.D

Acq: 14 Aug 2023 15:35

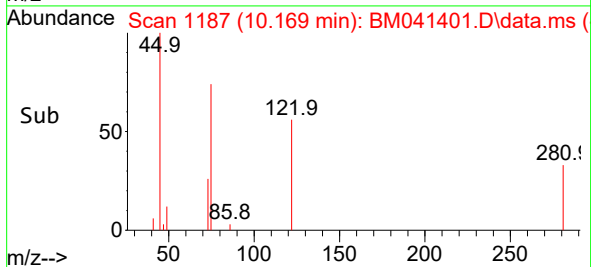
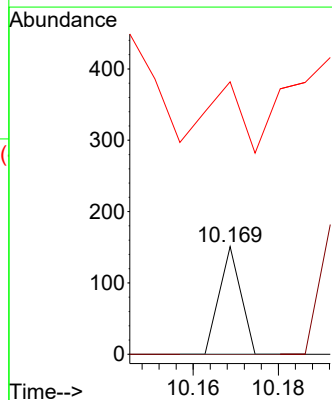
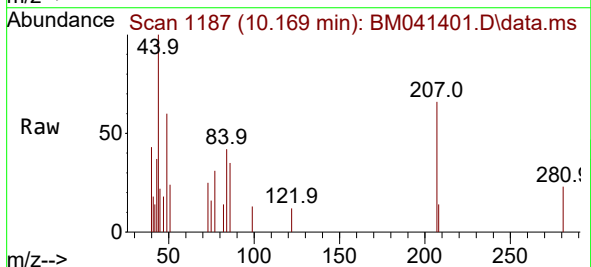
Tgt Ion:122 Resp: 53

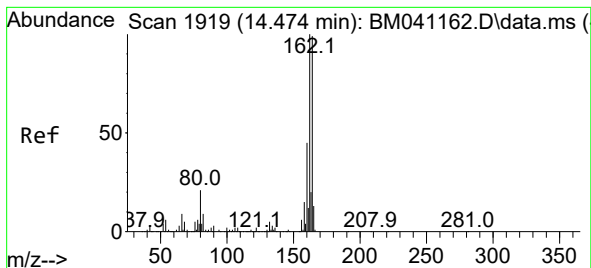
Ion Ratio Lower Upper

122 100

105 0.0 104.0 144.0#

77 253.0 79.9 119.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BM041401.D

Acq: 14 Aug 2023 15:35

Instrument :

BNA_M

ClientSampleId :

SB-02-COMP

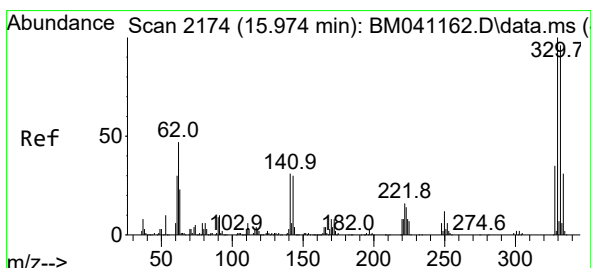
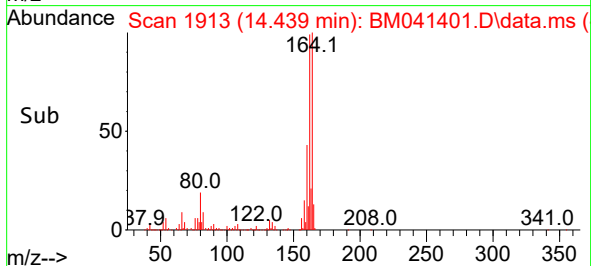
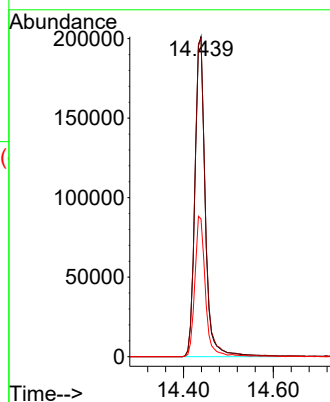
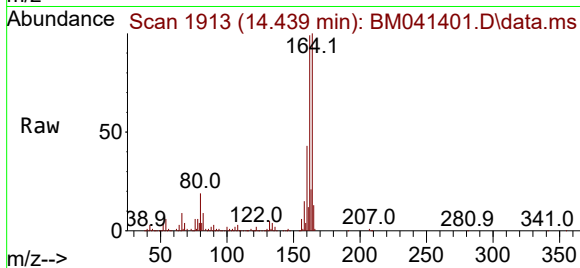
Tgt Ion:164 Resp: 322512

Ion Ratio Lower Upper

164 100

162 99.5 80.4 120.6

160 43.1 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 69.403 ng

RT: 15.939 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BM041401.D

Acq: 14 Aug 2023 15:35

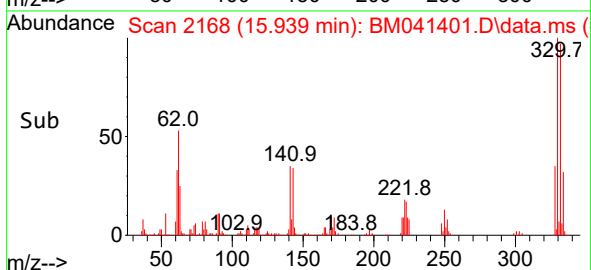
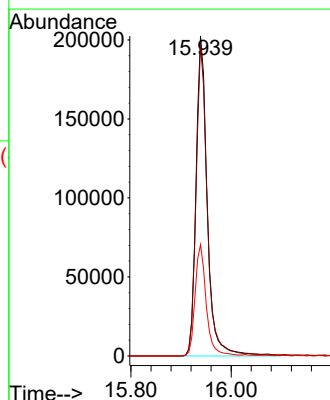
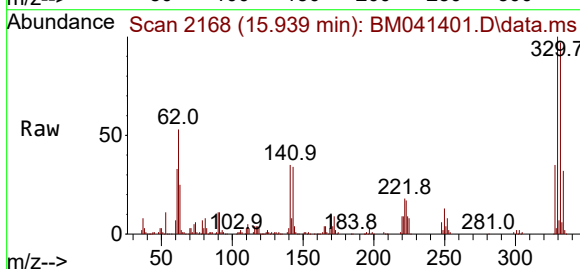
Tgt Ion:330 Resp: 316602

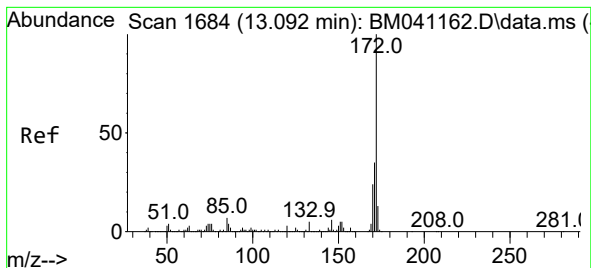
Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 34.3 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 39.253 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041401.D

Acq: 14 Aug 2023 15:35

Instrument :

BNA_M

ClientSampleId :

SB-02-COMP

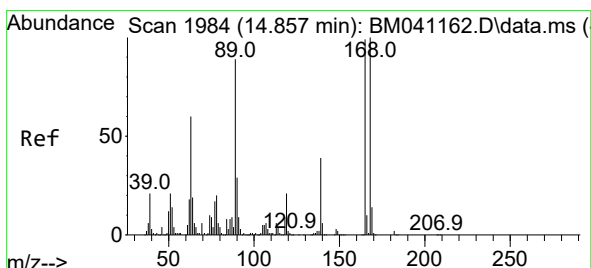
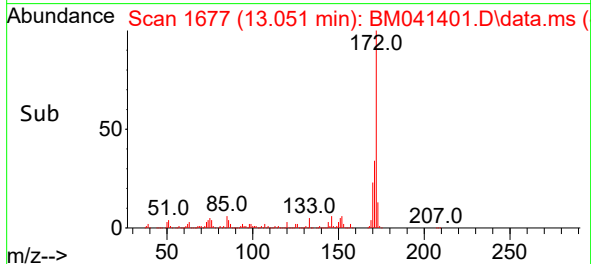
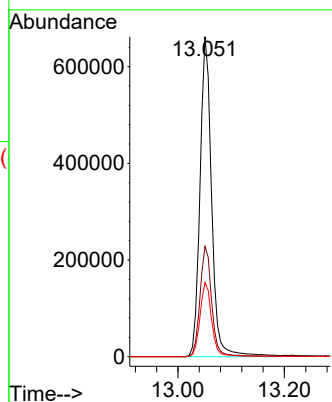
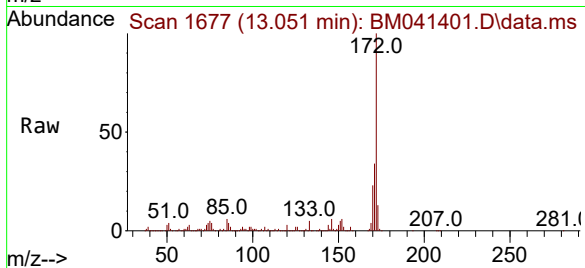
Tgt Ion:172 Resp: 1002142

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.2 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 2.678 ng

RT: 14.580 min Scan# 1937

Delta R.T. -0.259 min

Lab File: BM041401.D

Acq: 14 Aug 2023 15:35

Tgt Ion:165 Resp: 54

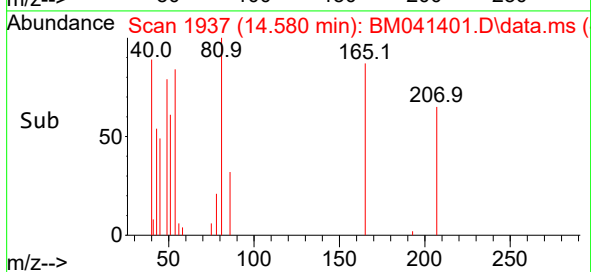
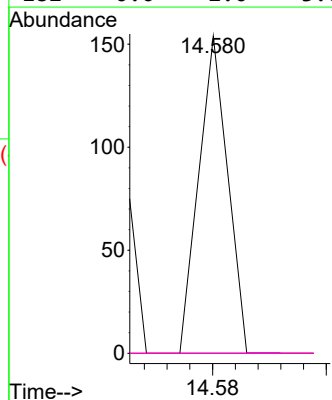
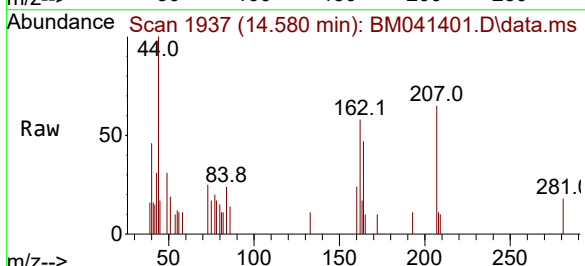
Ion Ratio Lower Upper

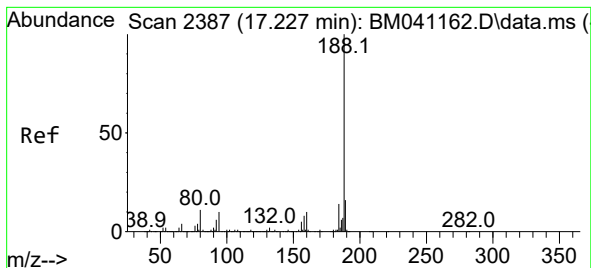
165 100

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: BM041401.D

Acq: 14 Aug 2023 15:35

Instrument :

BNA_M

ClientSampleId :

SB-02-COMP

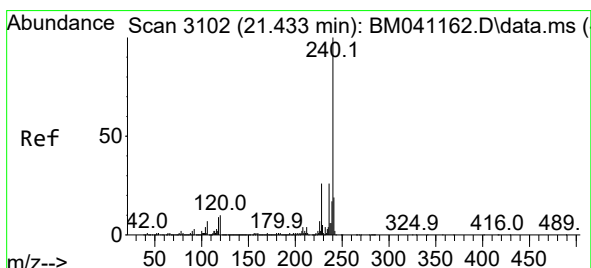
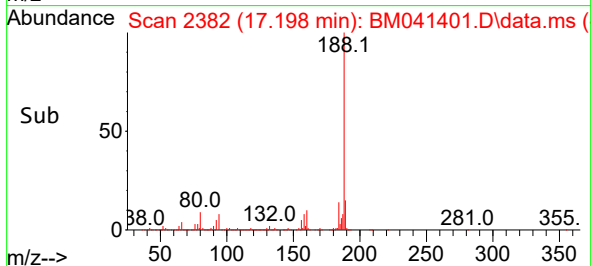
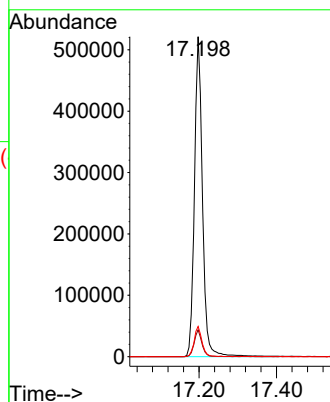
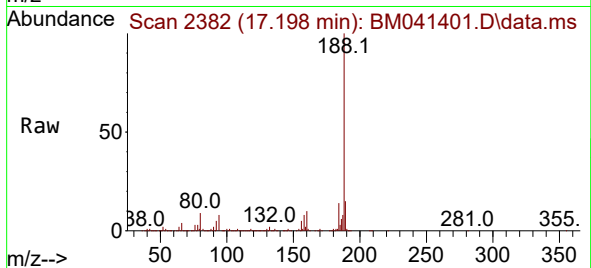
Tgt Ion:188 Resp: 751529

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.4 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM041401.D

Acq: 14 Aug 2023 15:35

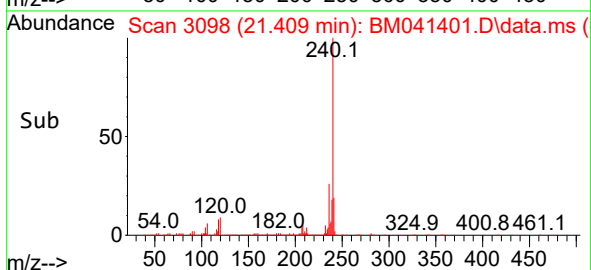
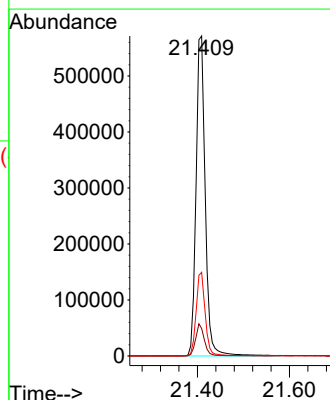
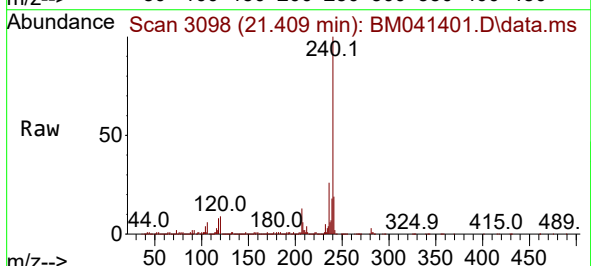
Tgt Ion:240 Resp: 792500

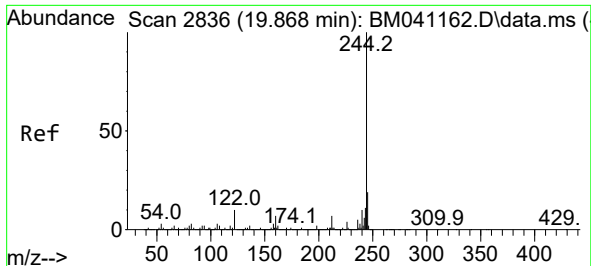
Ion Ratio Lower Upper

240 100

120 8.6 8.3 12.5

236 26.2 20.6 30.8

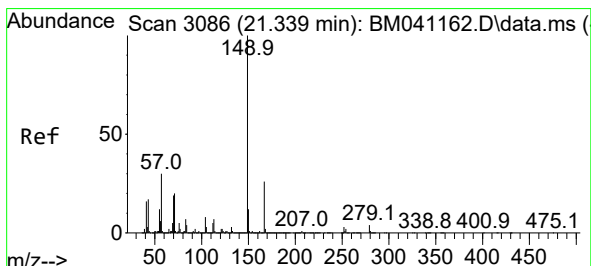
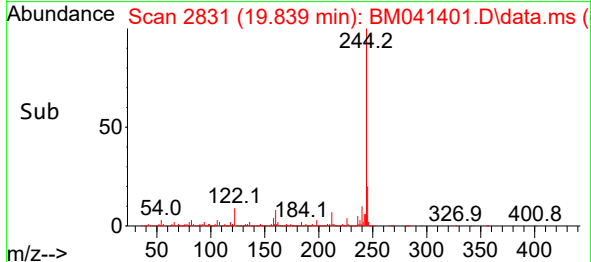
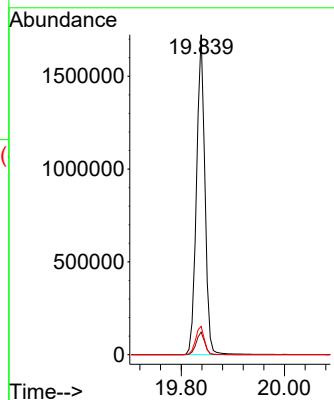
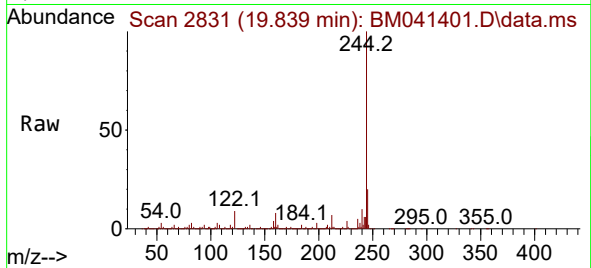




#79
 Terphenyl-d14
 Concen: 44.417 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041401.D
 Acq: 14 Aug 2023 15:35

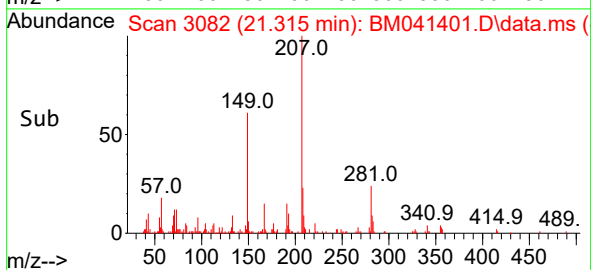
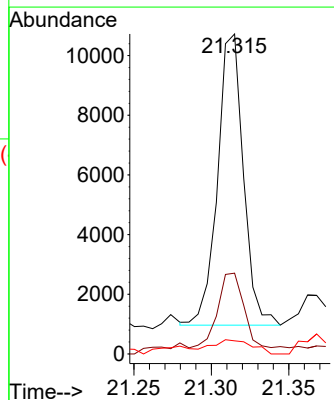
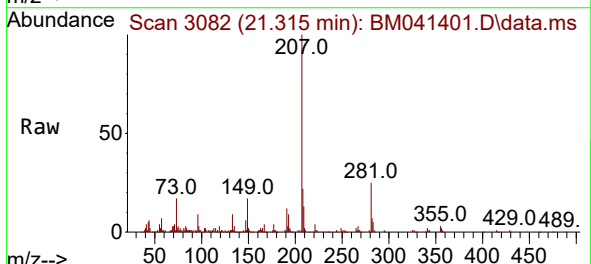
Instrument :
 BNA_M
 ClientSampleId :
 SB-02-COMP

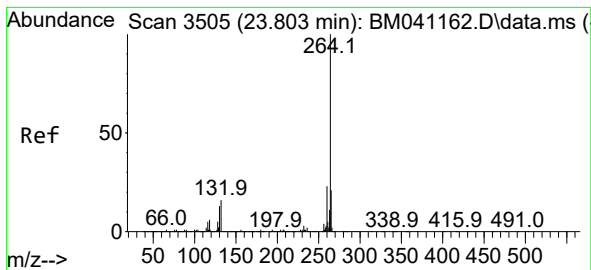
Tgt Ion:244 Resp: 1946867
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.8 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.873 ng
 RT: 21.315 min Scan# 3082
 Delta R.T. -0.006 min
 Lab File: BM041401.D
 Acq: 14 Aug 2023 15:35

Tgt Ion:149 Resp: 11313
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.6
 279 4.1 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: BM041401.D
Acq: 14 Aug 2023 15:35

Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

Tgt Ion:264 Resp: 941806
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 21.8 17.4 26.0

