

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 19:26:14 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

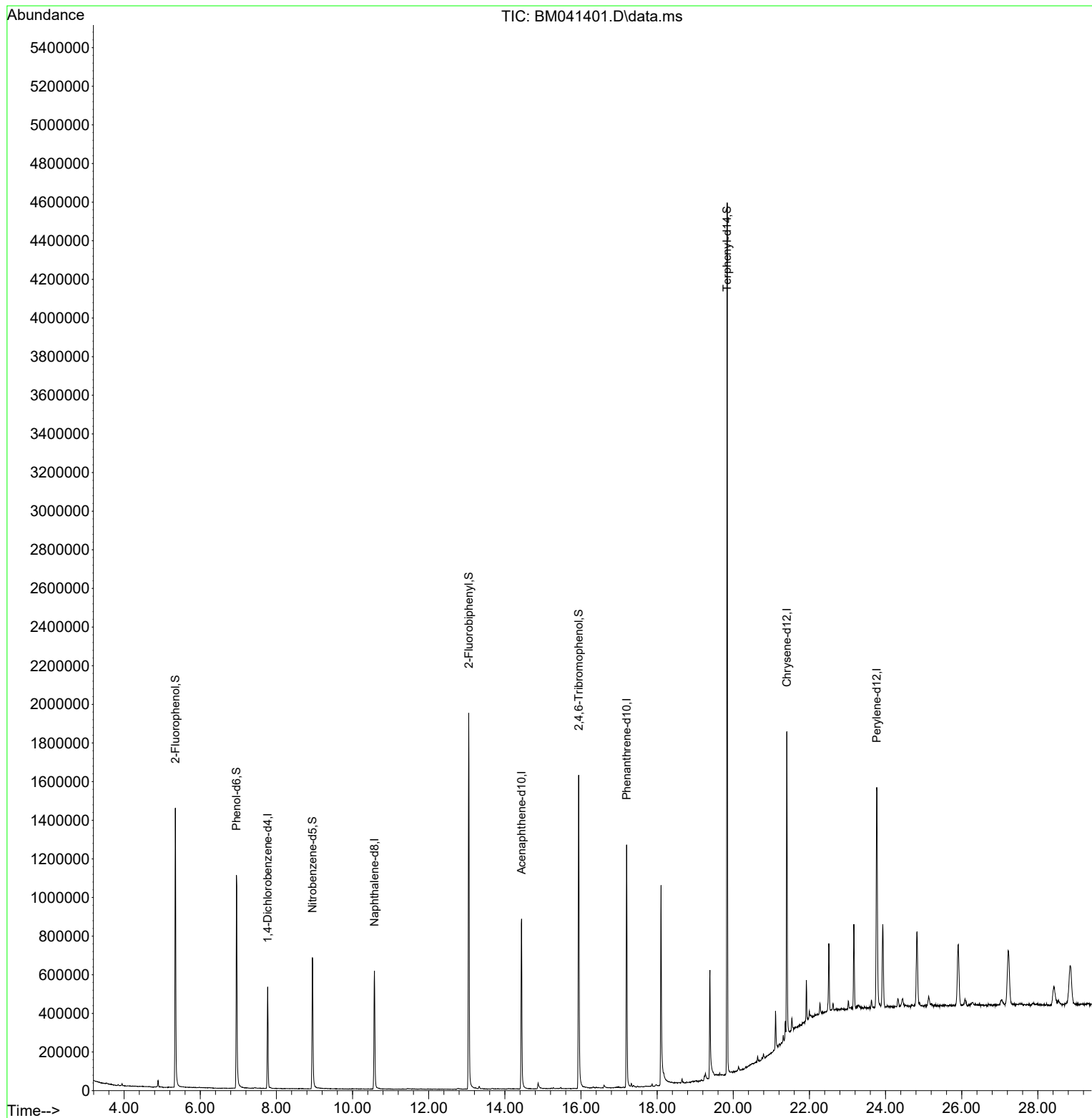
Target Compounds	Qvalue

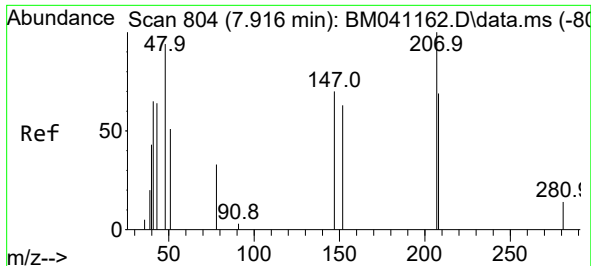
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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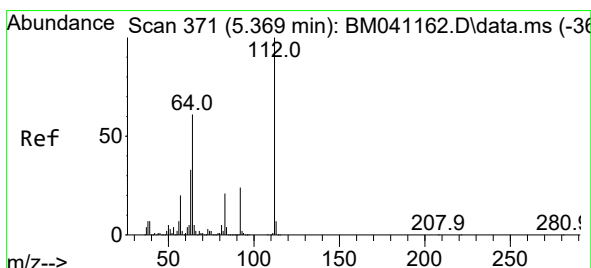
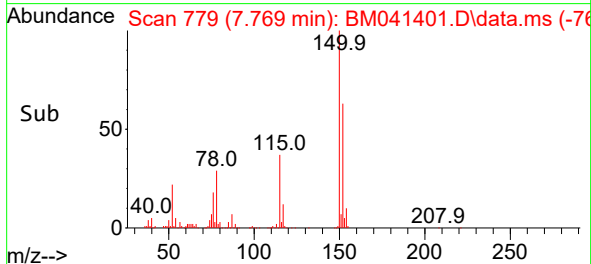
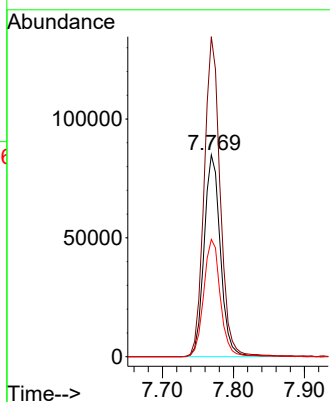
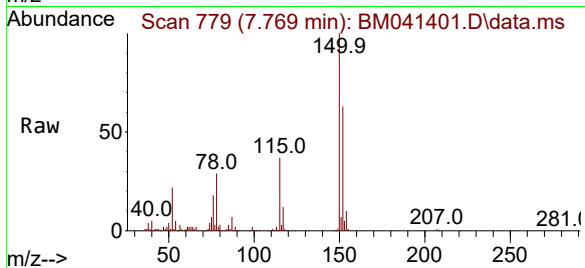




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

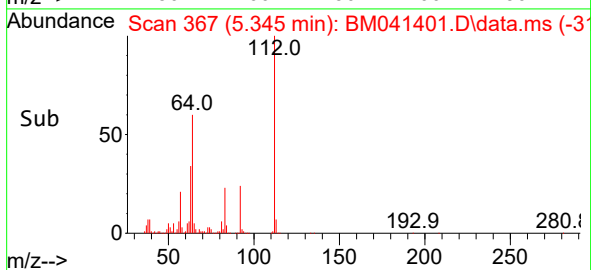
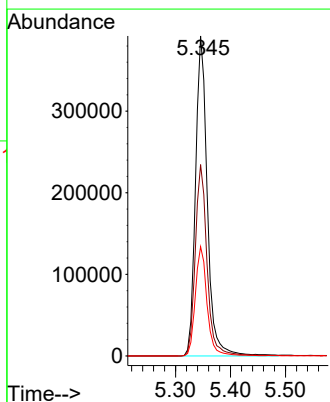
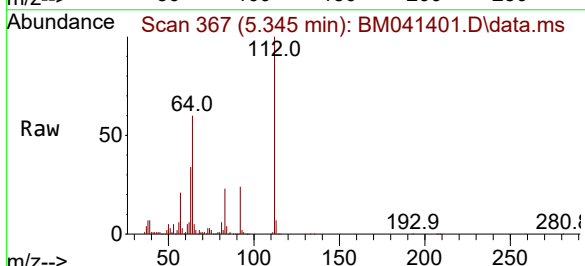
Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

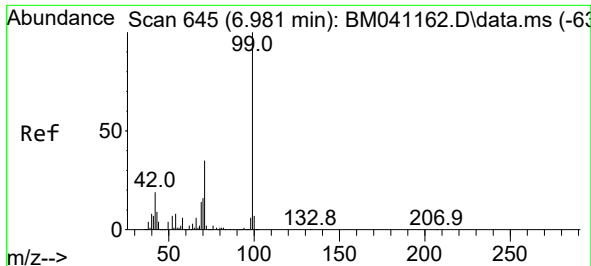
Tgt Ion:152 Resp: 135797
Ion Ratio Lower Upper
152 100
150 158.6 125.5 188.3
115 58.1 48.0 72.0



#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

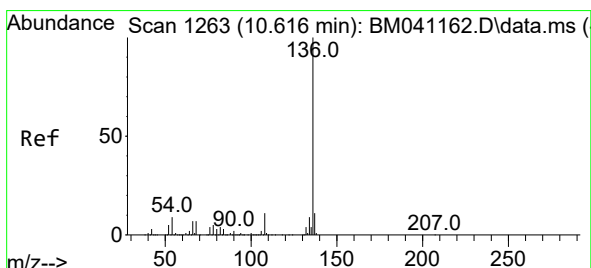
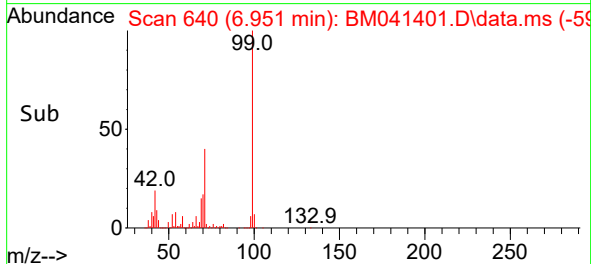
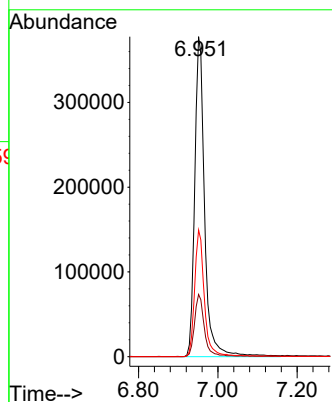
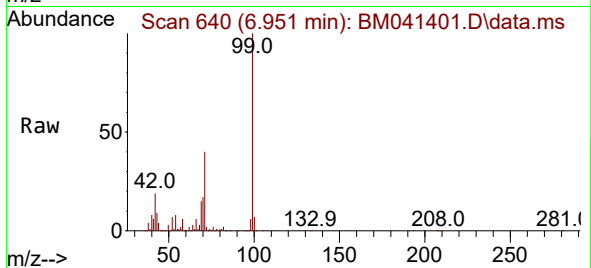




#7
Phenol-d6
Concen: 55.695 ng
RT: 6.951 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

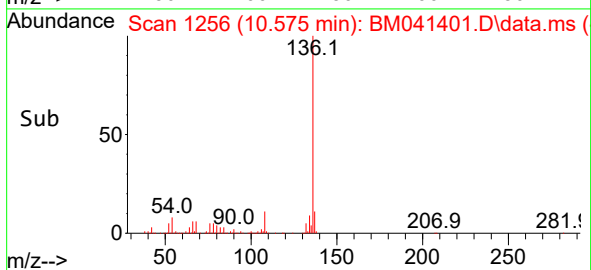
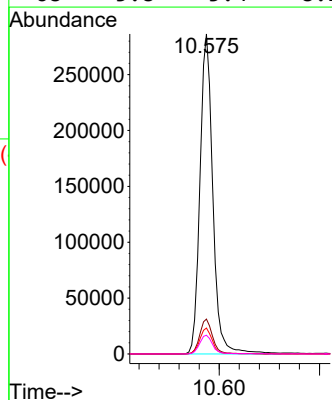
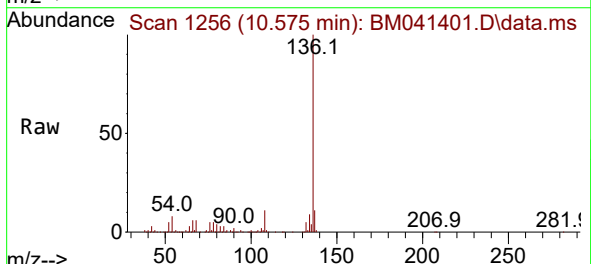
Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

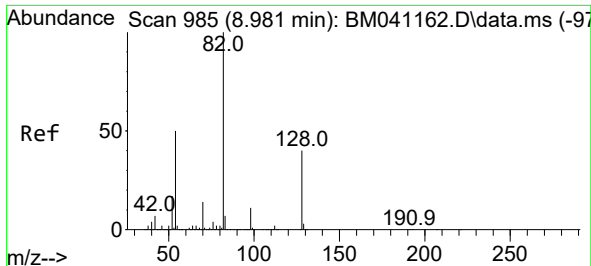
Tgt Ion: 99 Resp: 655952
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.0
71 39.6 28.2 42.4



#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

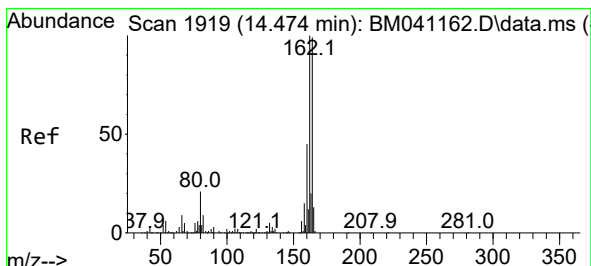
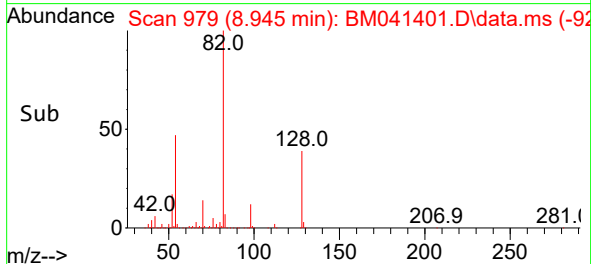
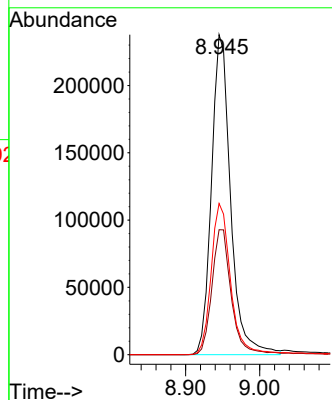
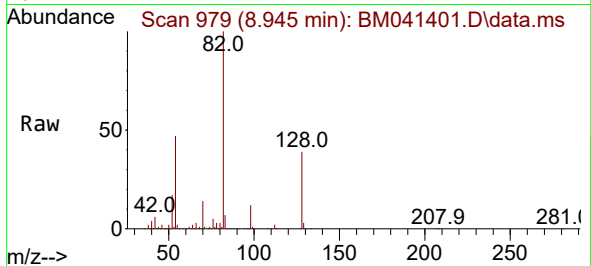




#23
Nitrobenzene-d5
Concen: 38.866 ng
RT: 8.945 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

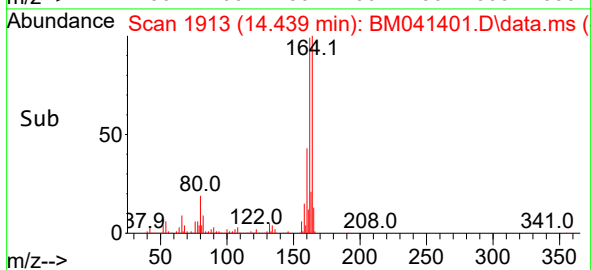
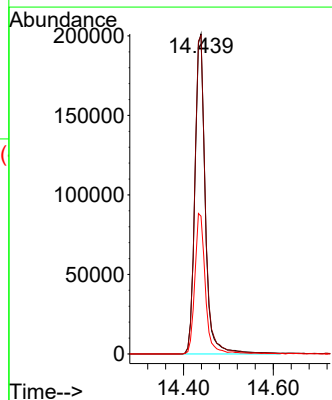
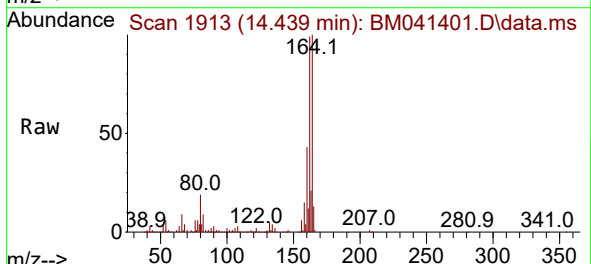
Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

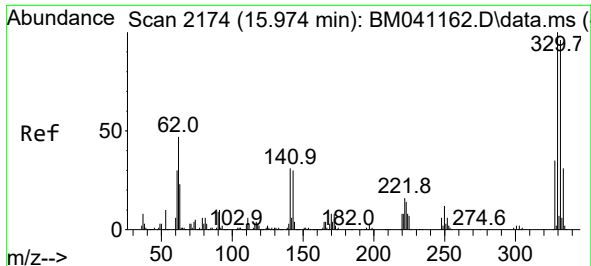
Tgt Ion: 82 Resp: 425484
Ion Ratio Lower Upper
82 100
128 39.0 31.8 47.6
54 47.2 40.1 60.1



#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

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

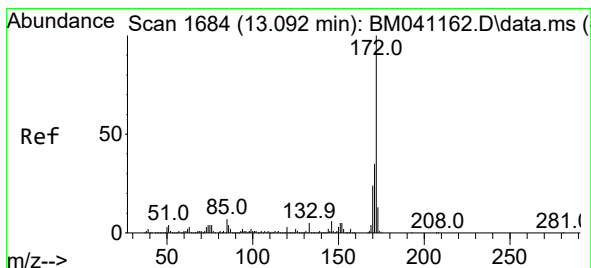
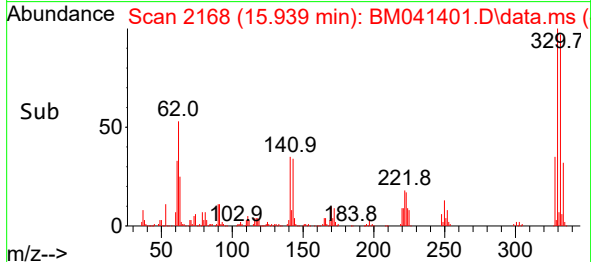
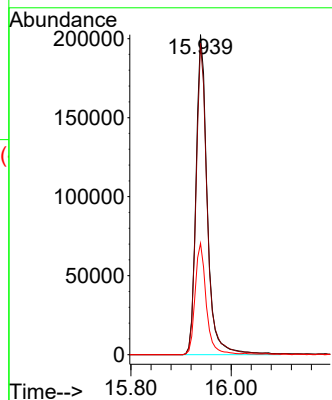
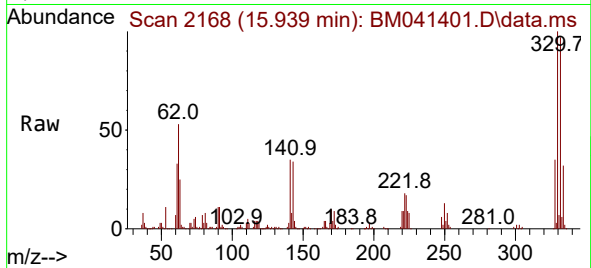




#42
2,4,6-Tribromophenol
Concen: 69.403 ng
RT: 15.939 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

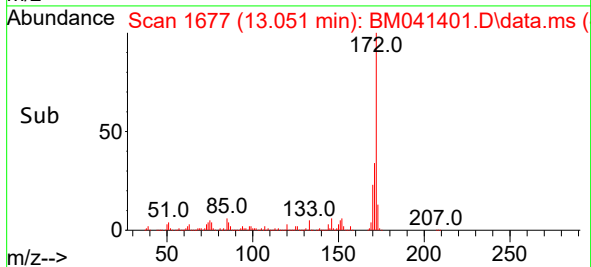
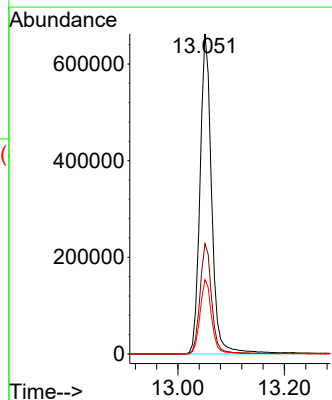
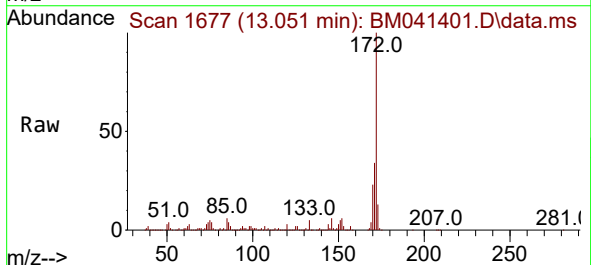
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ClientSampleId :
SB-02-COMP

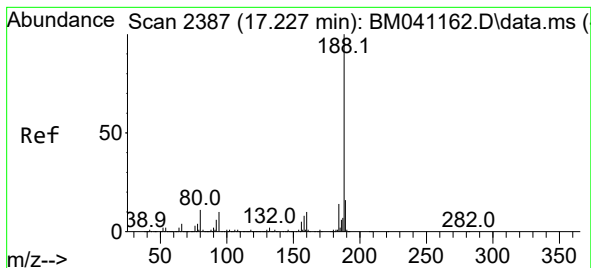
Tgt Ion:330 Resp: 316602
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 34.3 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 39.253 ng
RT: 13.051 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BM041401.D
Acq: 14 Aug 2023 15:35

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





#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

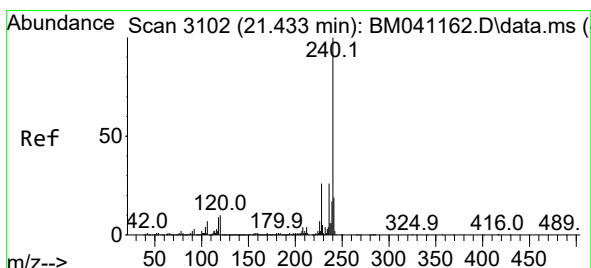
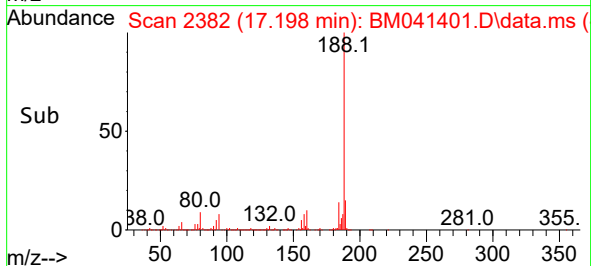
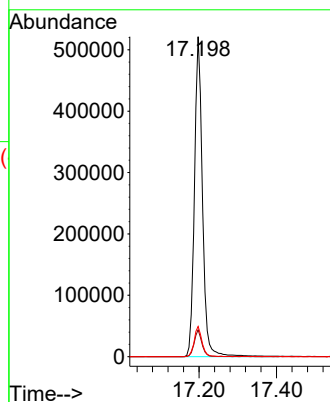
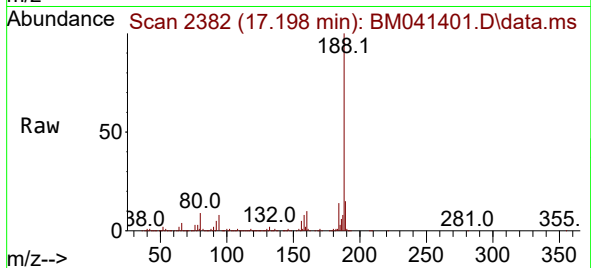
Tgt Ion:188 Resp: 751529

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

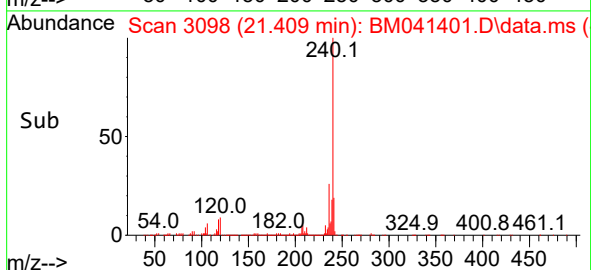
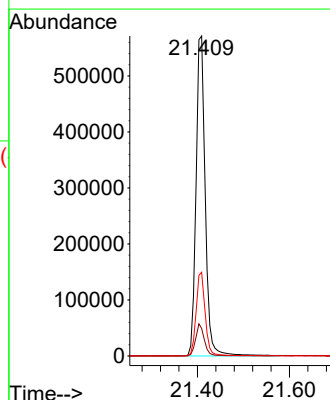
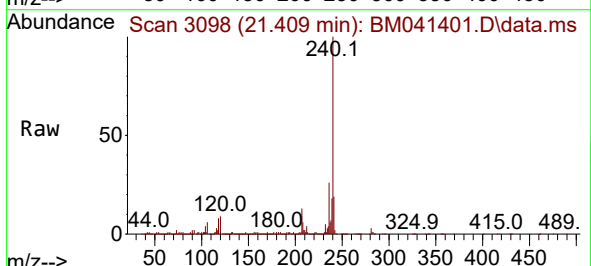
Tgt Ion:240 Resp: 792500

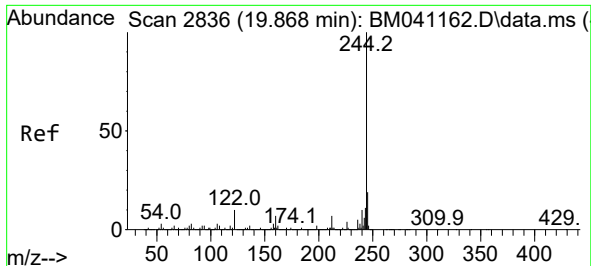
Ion Ratio Lower Upper

240 100

120 8.6 8.3 12.5

236 26.2 20.6 30.8

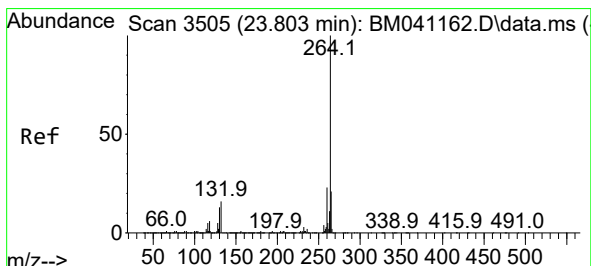
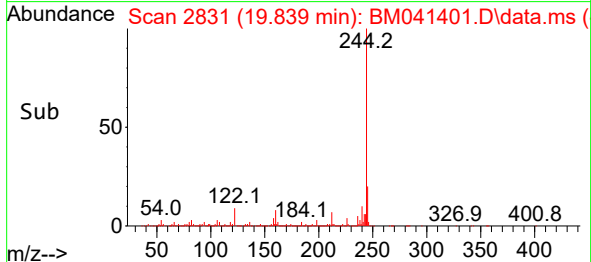
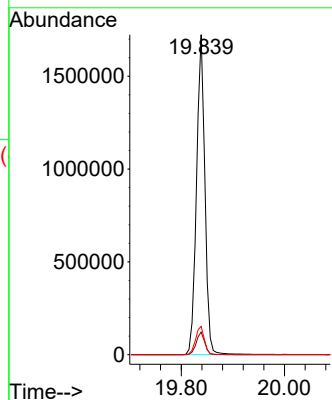
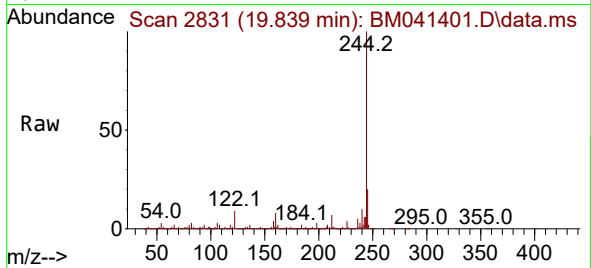




#79
 Terphenyl-d14
 Concen: 44.417 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041401.D
 Acq: 14 Aug 2023 15:35

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3499
 Delta R.T. -0.012 min
 Lab File: BM041401.D
 Acq: 14 Aug 2023 15:35

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

