

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
 Data File : BM041402.D
 Acq On : 14 Aug 2023 16:12
 Operator : MA/JU
 Sample : 03973-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-03-COMP

Quant Time: Aug 14 19:06:20 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)

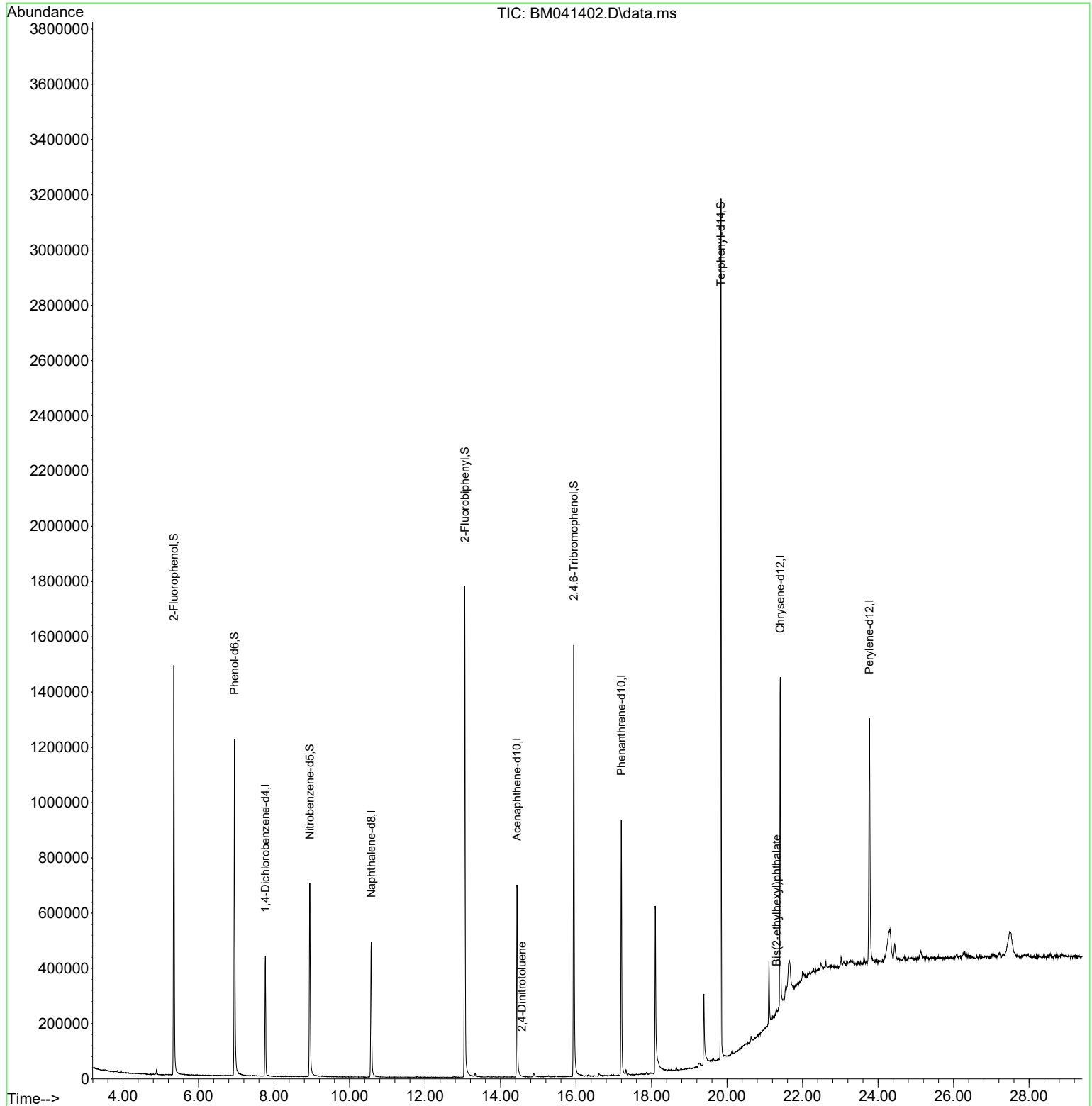
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	112431	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	414996	20.000	ng	0.00
39) Acenaphthene-d10	14.433	164	255634	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	584362	20.000	ng	0.00
76) Chrysene-d12	21.409	240	606570	20.000	ng	0.00
86) Perylene-d12	23.768	264	726745	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	599202	79.654	ng	0.00
7) Phenol-d6	6.951	99	698406	71.624	ng	0.00
23) Nitrobenzene-d5	8.945	82	437047	48.976	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	306772	84.842	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	923342	45.628	ng	0.00
79) Terphenyl-d14	19.839	244	1492174	44.478	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.563	165	239	2.710	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	4542	2.714	ng	# 98

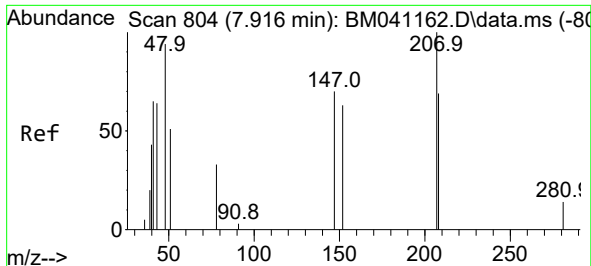
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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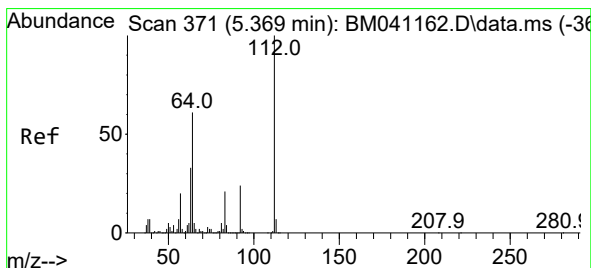
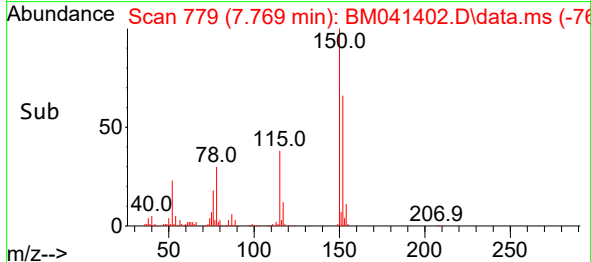
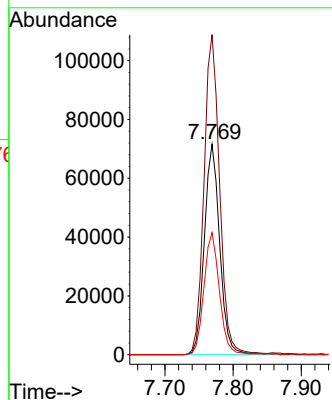
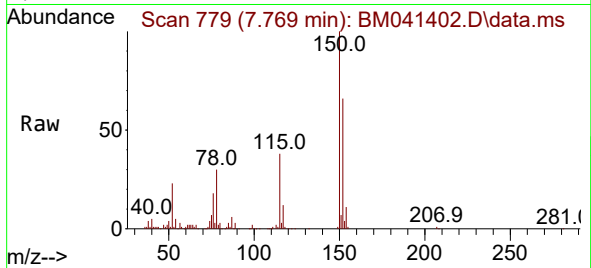




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041402.D
Acq: 14 Aug 2023 16:12

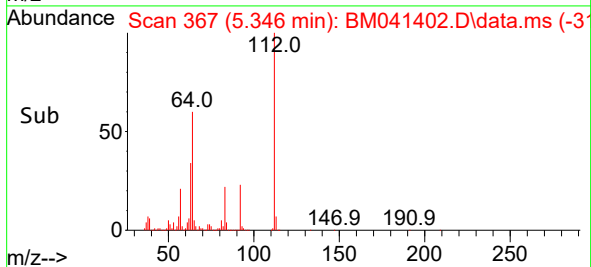
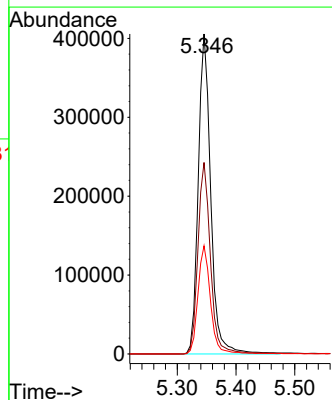
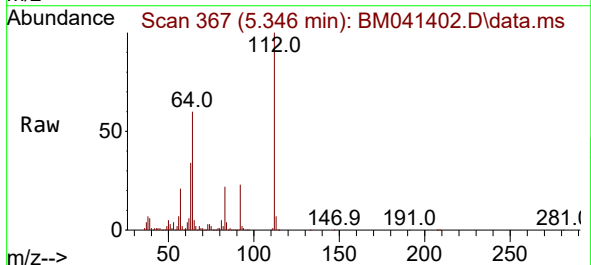
Instrument :
BNA_M
ClientSampleId :
SB-03-COMP

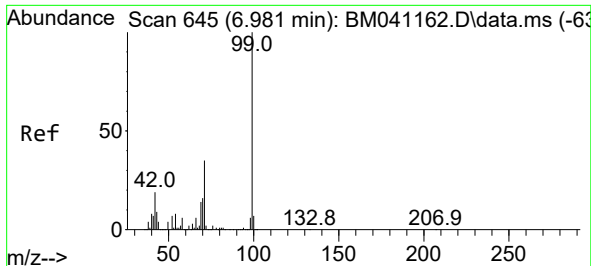
Tgt Ion:152 Resp: 112431
Ion Ratio Lower Upper
152 100
150 152.1 125.5 188.3
115 58.0 48.0 72.0



#5
2-Fluorophenol
Concen: 79.654 ng
RT: 5.346 min Scan# 367
Delta R.T. -0.000 min
Lab File: BM041402.D
Acq: 14 Aug 2023 16:12

Tgt Ion:112 Resp: 599202
Ion Ratio Lower Upper
112 100
64 59.9 48.5 72.7
63 33.8 26.5 39.7

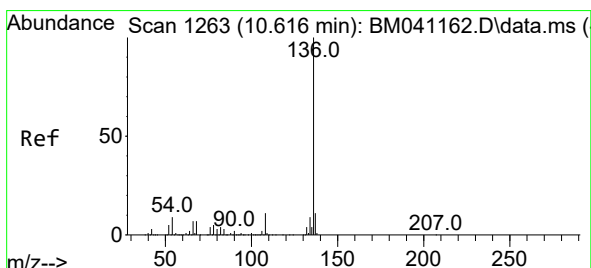
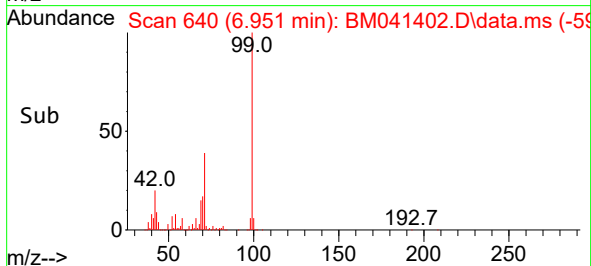
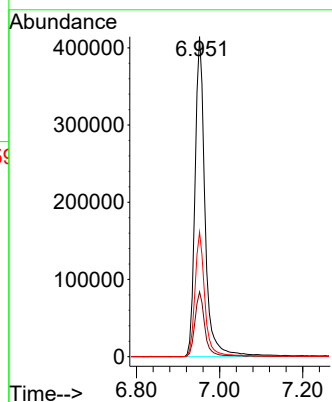
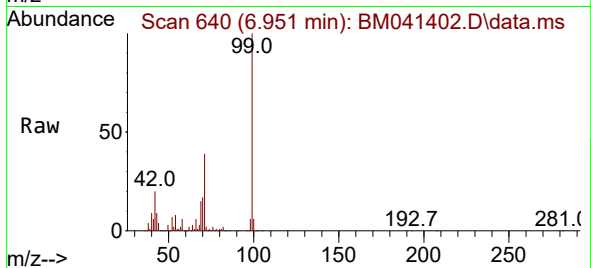




#7
Phenol-d6
Concen: 71.624 ng
RT: 6.951 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041402.D
Acq: 14 Aug 2023 16:12

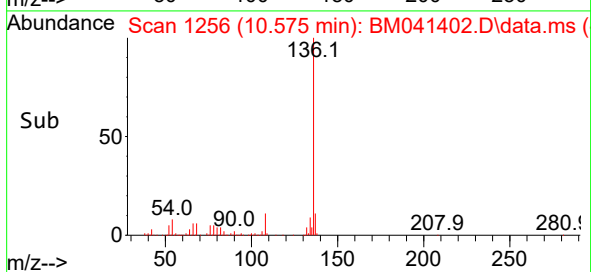
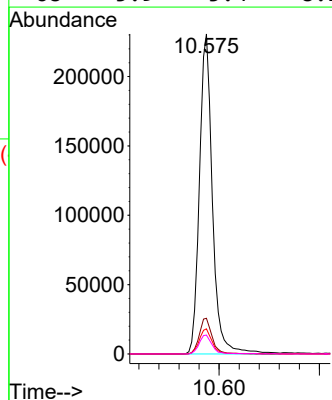
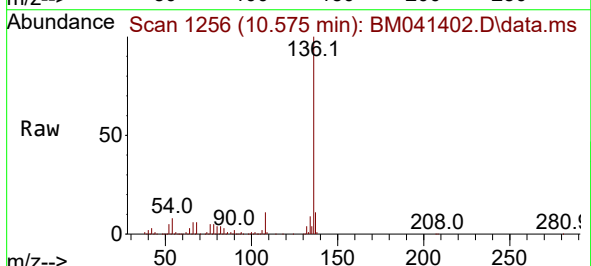
Instrument :
BNA_M
ClientSampleId :
SB-03-COMP

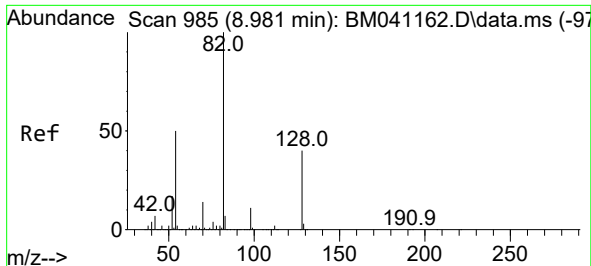
Tgt Ion: 99 Resp: 698406
Ion Ratio Lower Upper
99 100
42 20.2 15.4 23.0
71 38.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM041402.D
Acq: 14 Aug 2023 16:12

Tgt Ion:136 Resp: 414996
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 6.9 10.3
68 5.9 5.4 8.2

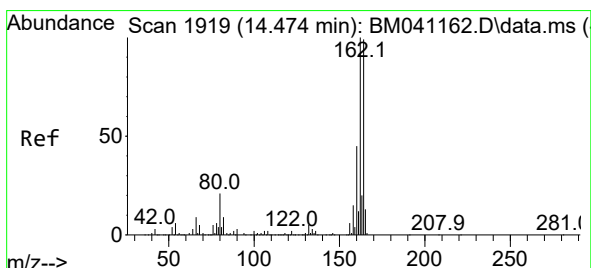
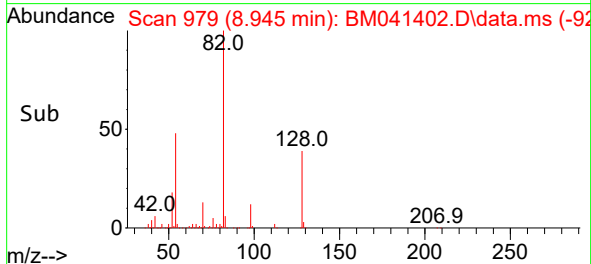
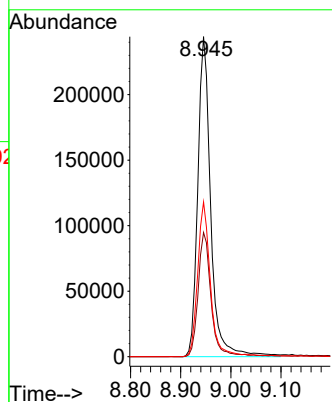
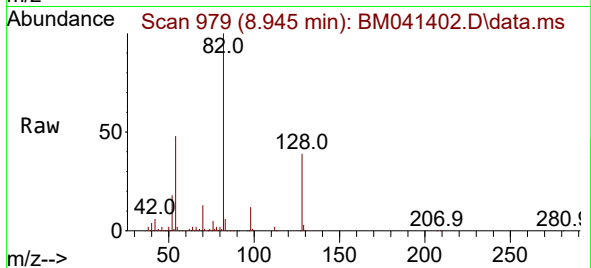




#23
 Nitrobenzene-d5
 Concen: 48.976 ng
 RT: 8.945 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM041402.D
 Acq: 14 Aug 2023 16:12

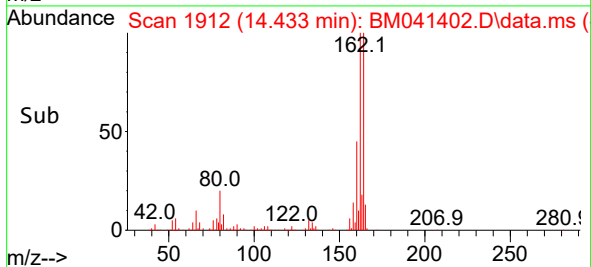
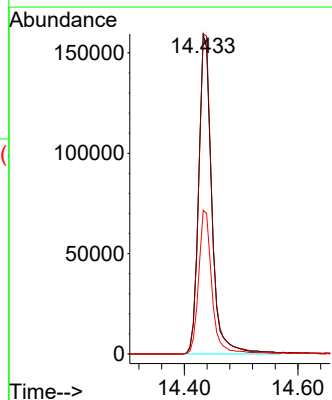
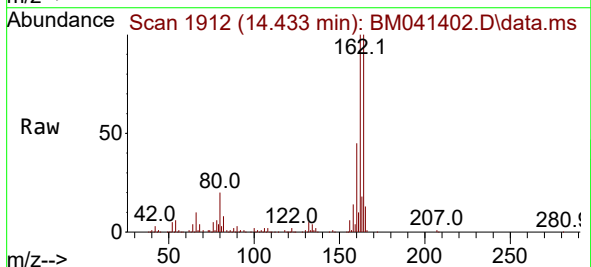
Instrument :
 BNA_M
 ClientSampleId :
 SB-03-COMP

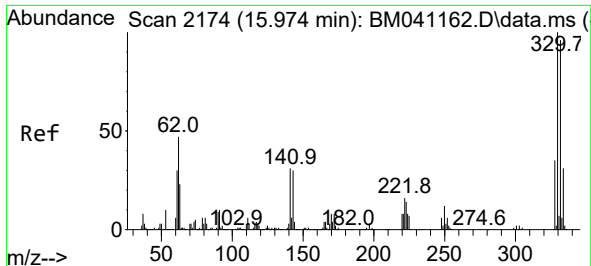
Tgt Ion: 82 Resp: 437047
 Ion Ratio Lower Upper
 82 100
 128 38.8 31.8 47.6
 54 48.3 40.1 60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.433 min Scan# 1912
 Delta R.T. -0.006 min
 Lab File: BM041402.D
 Acq: 14 Aug 2023 16:12

Tgt Ion: 164 Resp: 255634
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.4 120.6
 160 45.0 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 84.842 ng

RT: 15.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041402.D

Acq: 14 Aug 2023 16:12

Instrument :

BNA_M

ClientSampleId :

SB-03-COMP

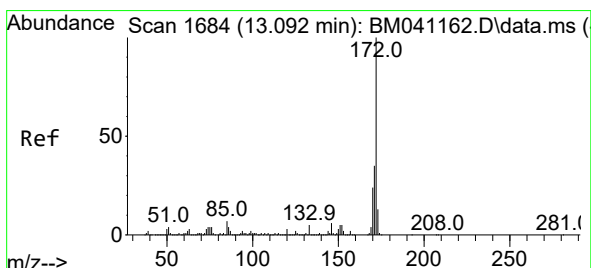
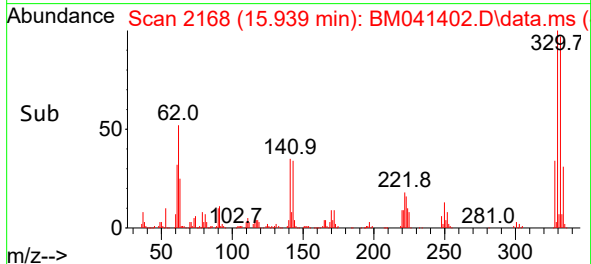
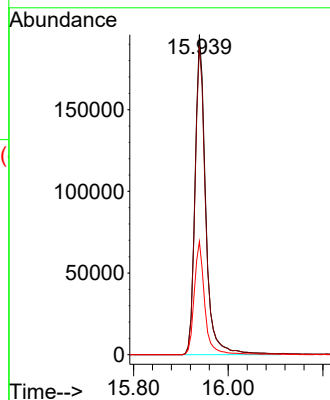
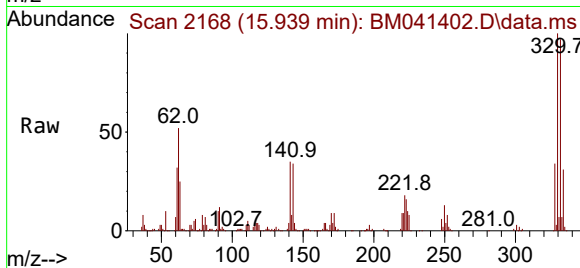
Tgt Ion:330 Resp: 306772

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

141 34.8 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 45.628 ng

RT: 13.051 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BM041402.D

Acq: 14 Aug 2023 16:12

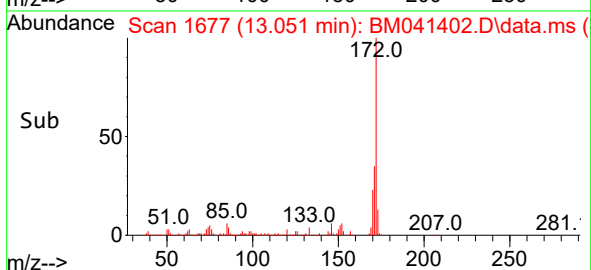
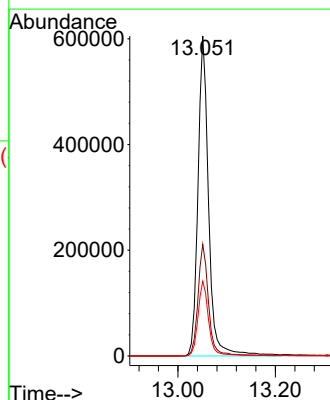
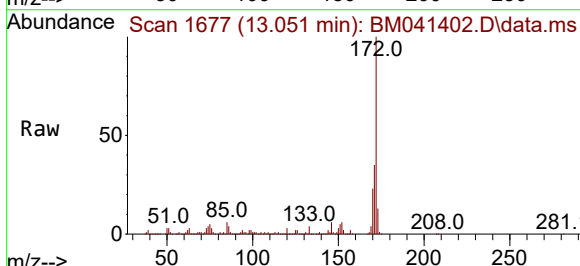
Tgt Ion:172 Resp: 923342

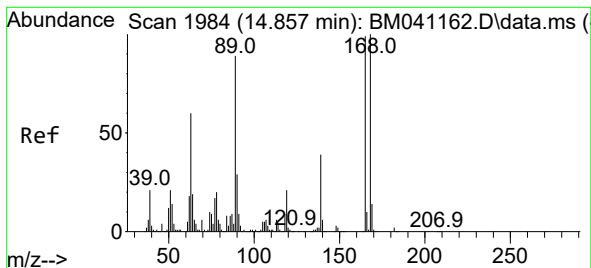
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.4 18.9 28.3

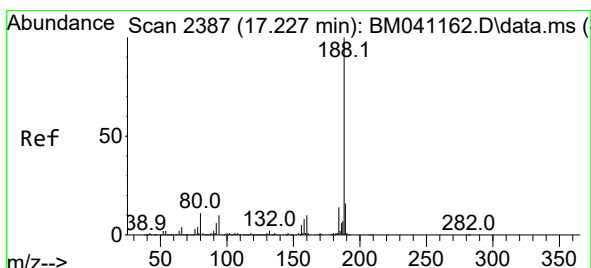
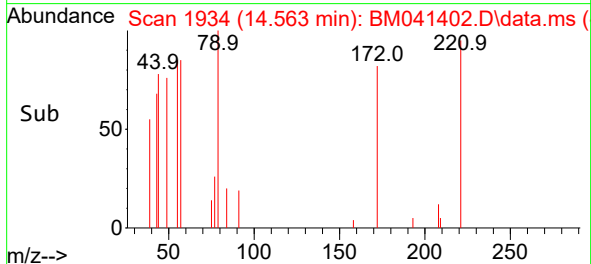
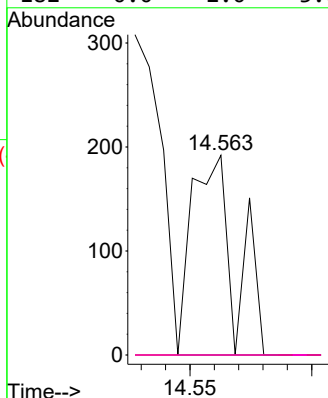
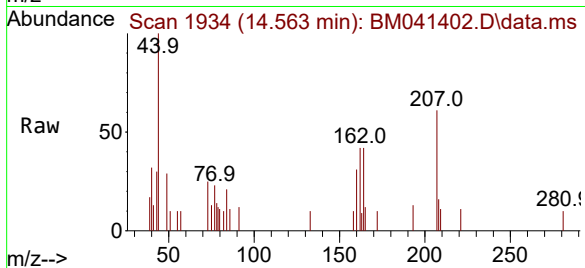




#57
2,4-Dinitrotoluene
Concen: 2.710 ng
RT: 14.563 min Scan# 1984
Delta R.T. -0.277 min
Lab File: BM041402.D
Acq: 14 Aug 2023 16:12

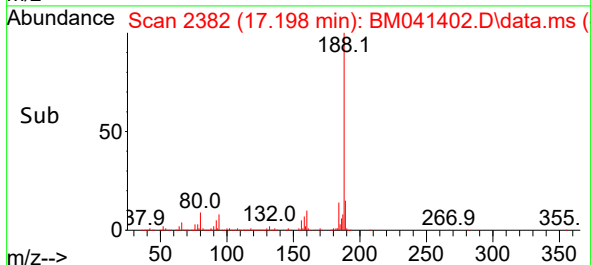
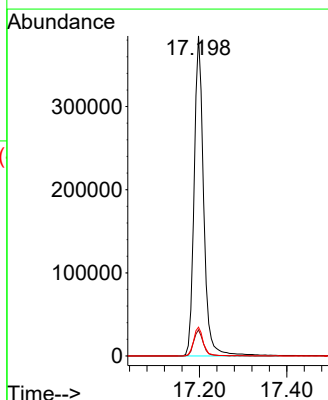
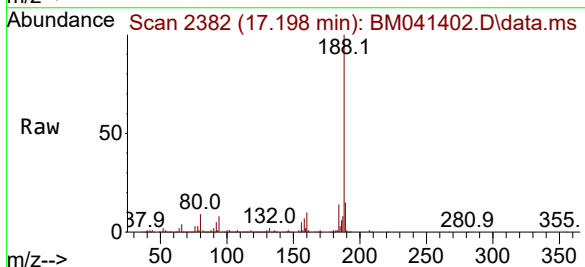
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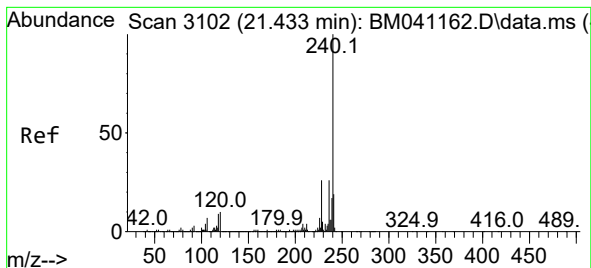
Tgt Ion:165 Resp: 239
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BM041402.D
Acq: 14 Aug 2023 16:12

Tgt Ion:188 Resp: 584362
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 9.0 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041402.D

Acq: 14 Aug 2023 16:12

Instrument :

BNA_M

ClientSampleId :

SB-03-COMP

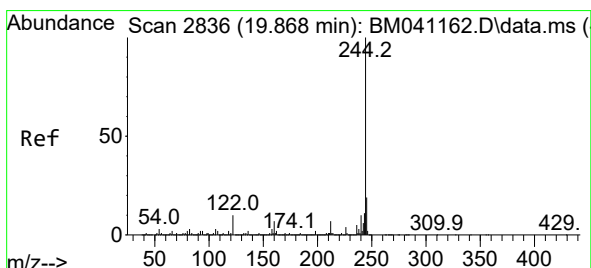
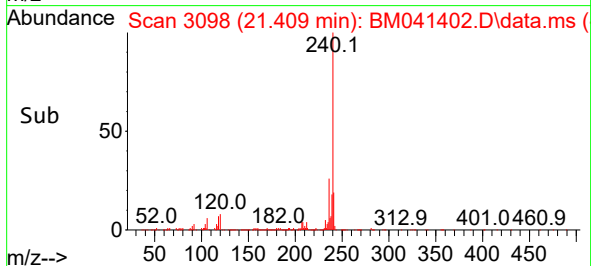
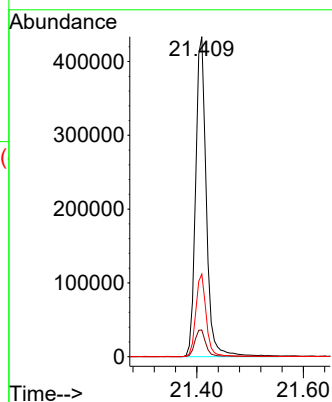
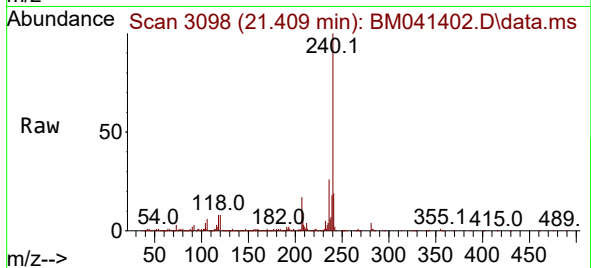
Tgt Ion:240 Resp: 606570

Ion Ratio Lower Upper

240 100

120 8.3 8.3 12.5

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 44.478 ng

RT: 19.839 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM041402.D

Acq: 14 Aug 2023 16:12

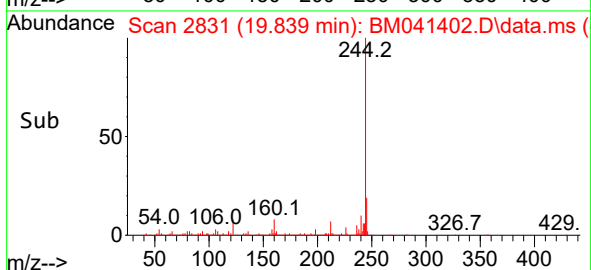
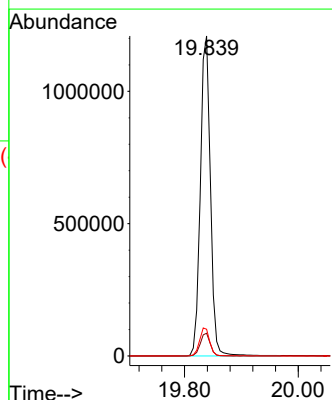
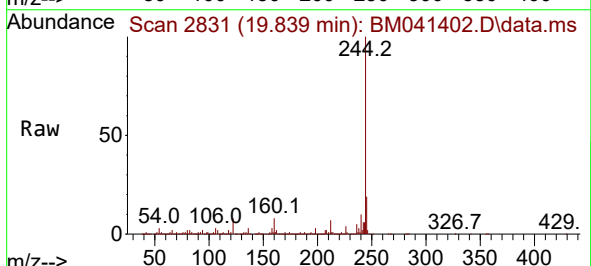
Tgt Ion:244 Resp: 1492174

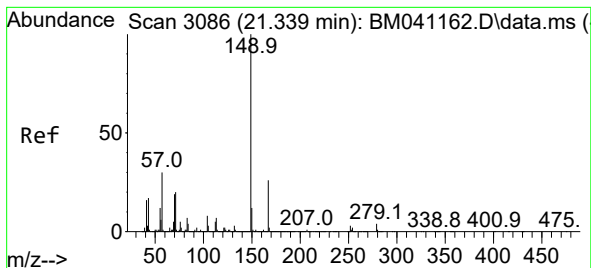
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 8.4 7.8 11.6

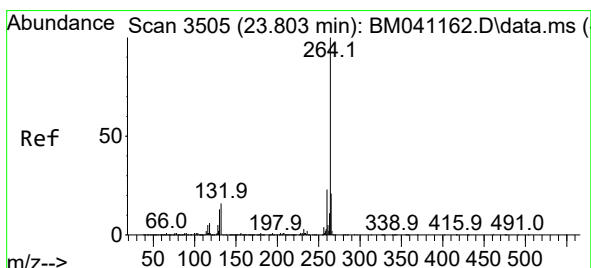
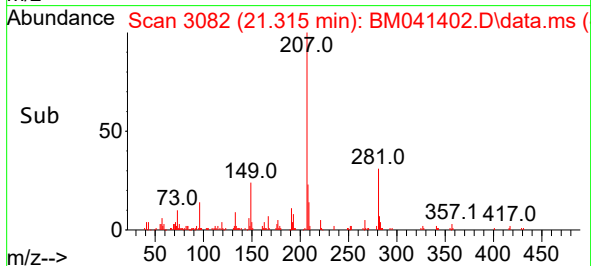
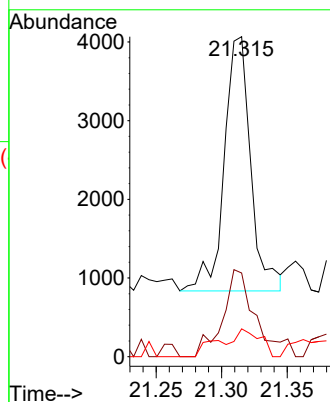
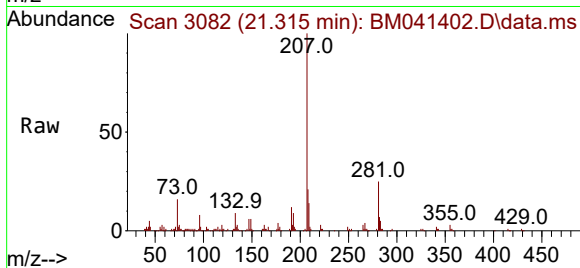




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.714 ng
RT: 21.315 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM041402.D
Acq: 14 Aug 2023 16:12

Instrument :
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ClientSampleId :
SB-03-COMP

Tgt Ion:149 Resp: 4542
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.6
279 8.7 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM041402.D
Acq: 14 Aug 2023 16:12

Tgt Ion:264 Resp: 726745
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.8 17.4 26.0

