

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041210.D
 Acq On : 01 Aug 2023 05:07
 Operator : MA/JU
 Sample : 03742-08RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-04RE

Quant Time: Aug 01 05:37:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

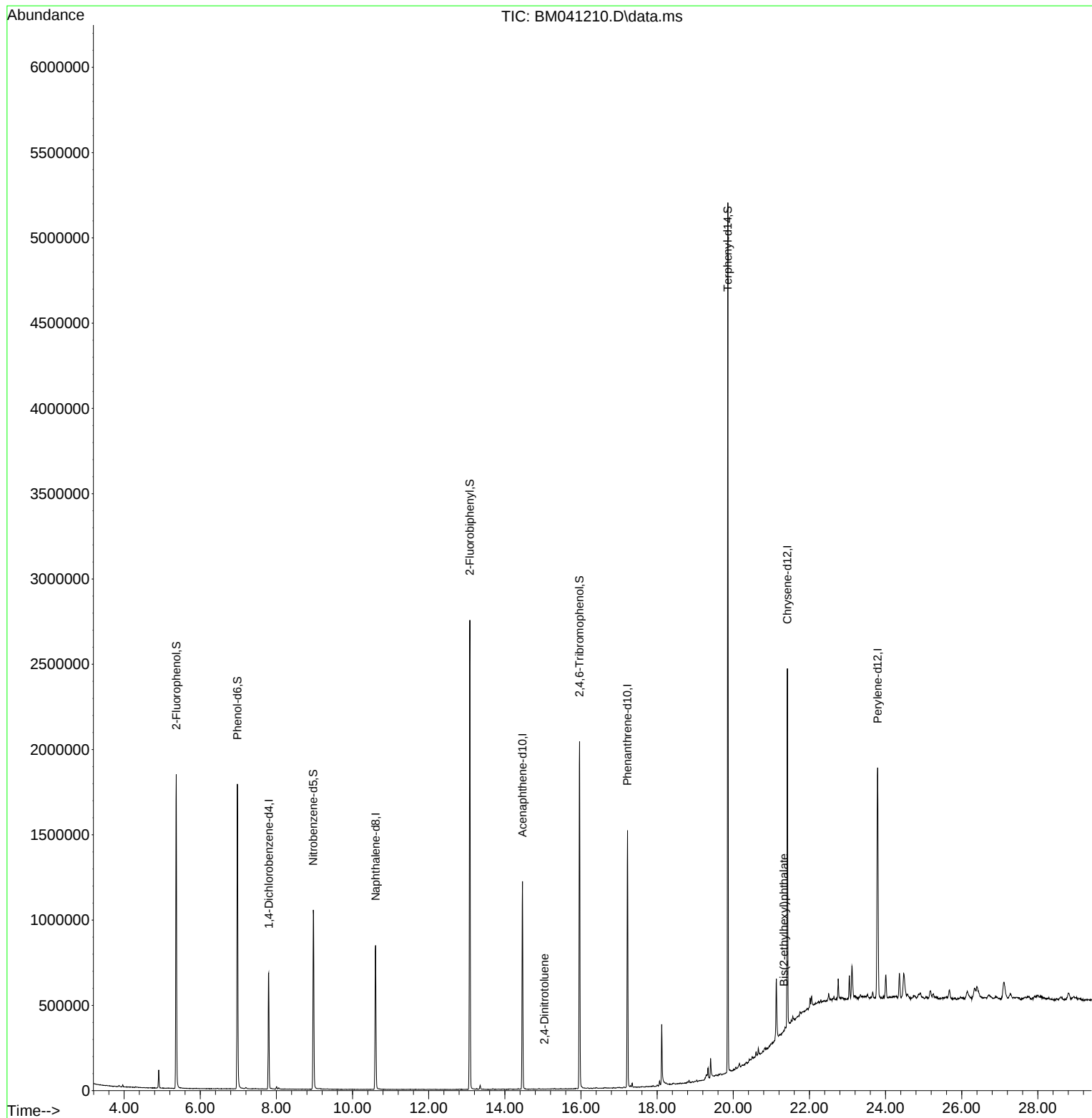
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	175991	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	684129	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	392031	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	861723	20.000	ng	0.00
76) Chrysene-d12	21.421	240	916231	20.000	ng	0.00
86) Perylene-d12	23.791	264	1031744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	747749	63.502	ng	0.00
7) Phenol-d6	6.975	99	978242	64.090	ng	0.00
23) Nitrobenzene-d5	8.969	82	614278	41.756	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	365242	65.868	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1314153	42.346	ng	0.00
79) Terphenyl-d14	19.856	244	2229147	43.989	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	15.039	165	108	2.682	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	2542	2.604	ng	# 92

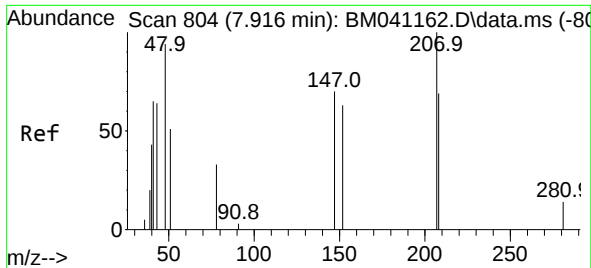
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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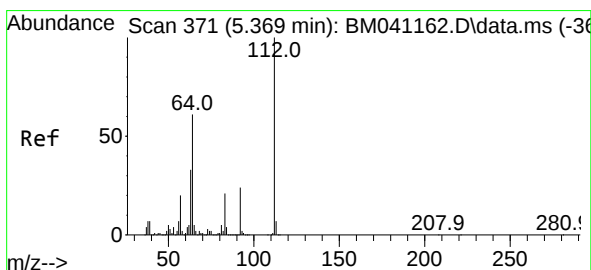
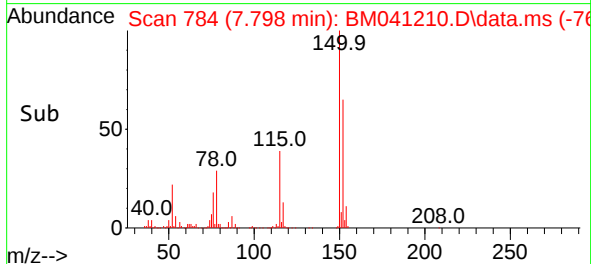
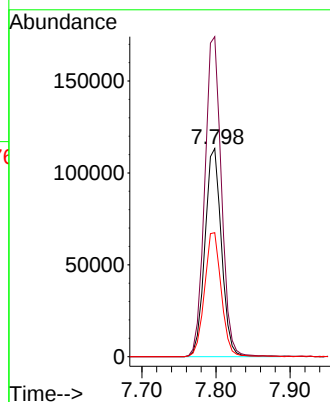
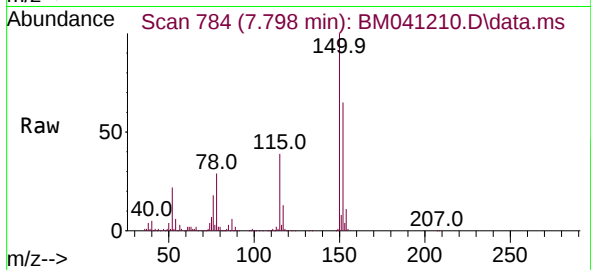




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041210.D
Acq: 01 Aug 2023 05:07

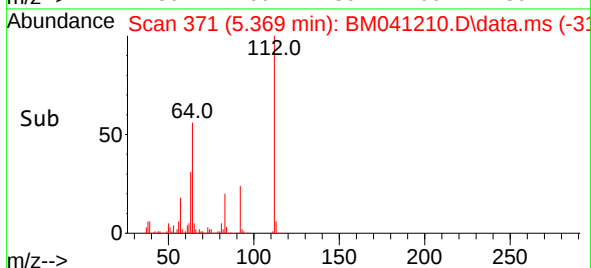
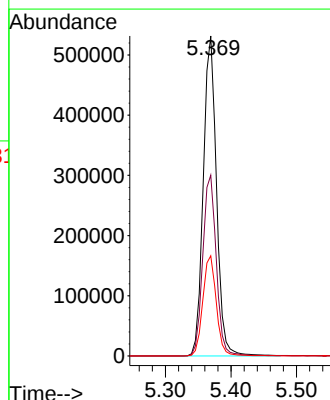
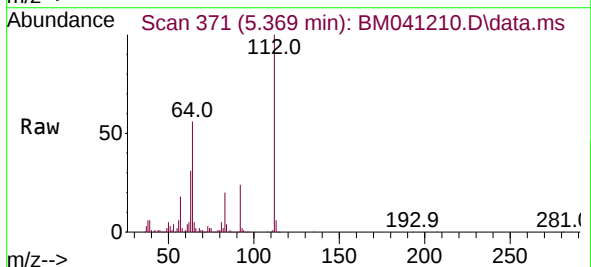
Instrument :
BNA_M
ClientSampleId :
DUP-04RE

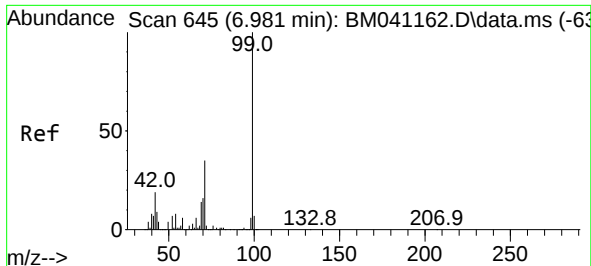
Tgt Ion:152 Resp: 175991
Ion Ratio Lower Upper
152 100
150 153.7 125.5 188.3
115 59.6 48.0 72.0



#5
2-Fluorophenol
Concen: 63.502 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041210.D
Acq: 01 Aug 2023 05:07

Tgt Ion:112 Resp: 747749
Ion Ratio Lower Upper
112 100
64 56.5 48.5 72.7
63 31.3 26.5 39.7

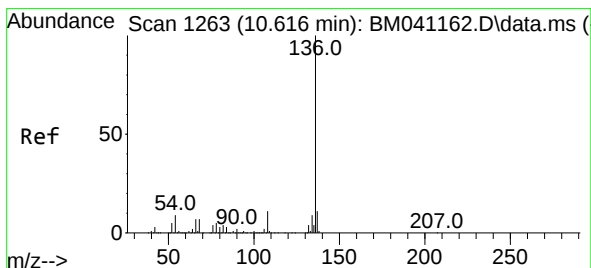
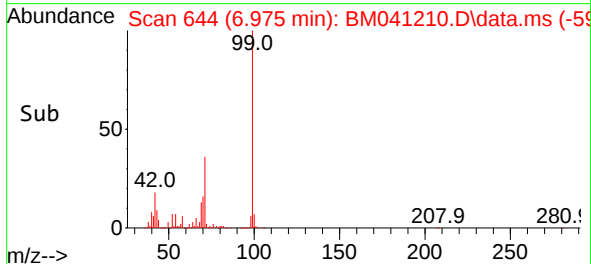
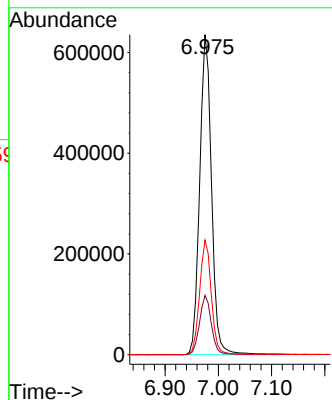
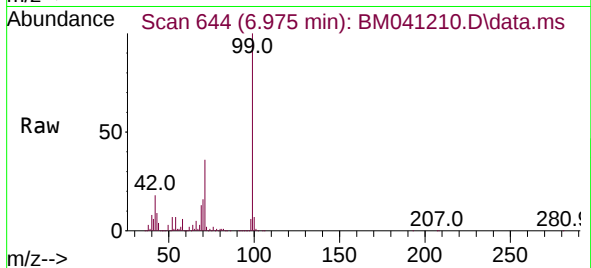




#7
Phenol-d6
Concen: 64.090 ng
RT: 6.975 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041210.D
Acq: 01 Aug 2023 05:07

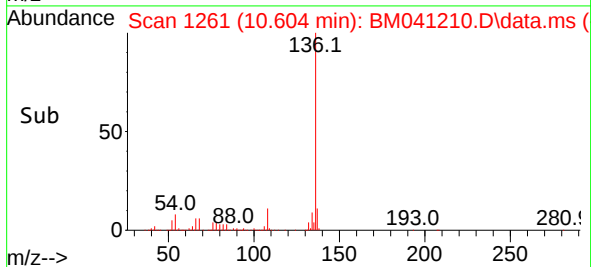
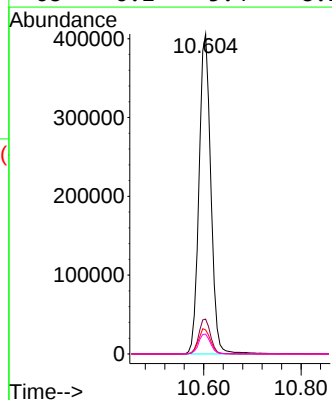
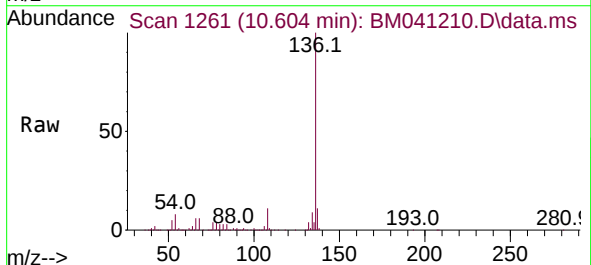
Instrument :
BNA_M
ClientSampleId :
DUP-04RE

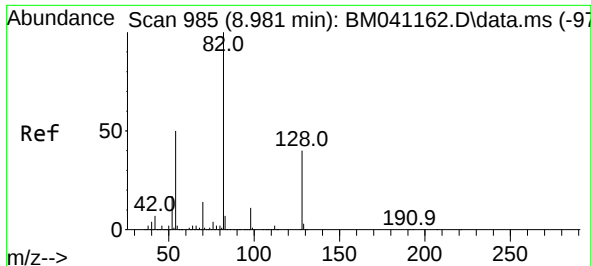
Tgt Ion: 99 Resp: 978242
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 35.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041210.D
Acq: 01 Aug 2023 05:07

Tgt Ion: 136 Resp: 684129
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 6.9 10.3
68 6.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 41.756 ng

RT: 8.969 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041210.D

Acq: 01 Aug 2023 05:07

Instrument :

BNA_M

ClientSampleId :

DUP-04RE

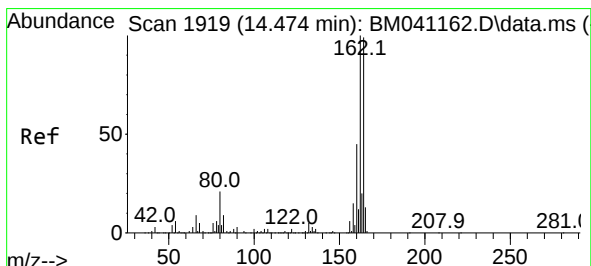
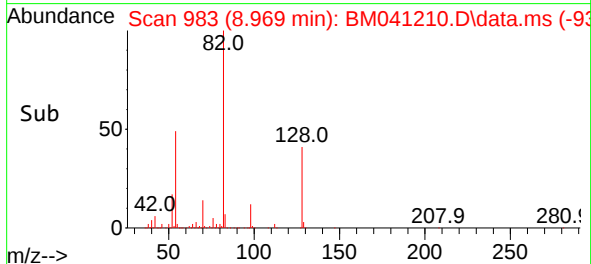
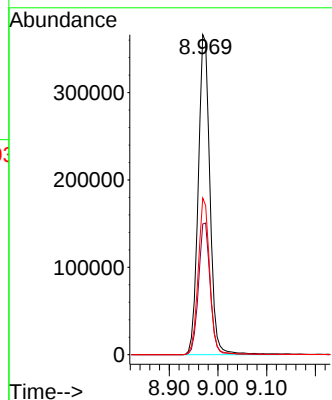
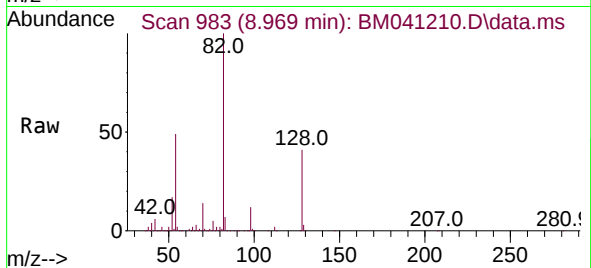
Tgt Ion: 82 Resp: 614278

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.6

54 48.9 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BM041210.D

Acq: 01 Aug 2023 05:07

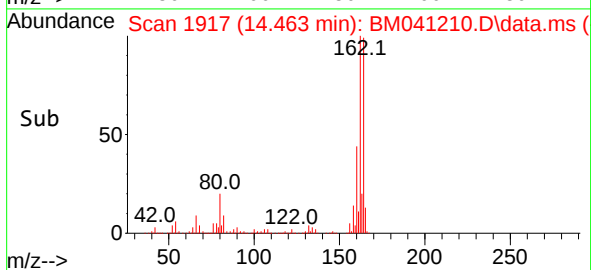
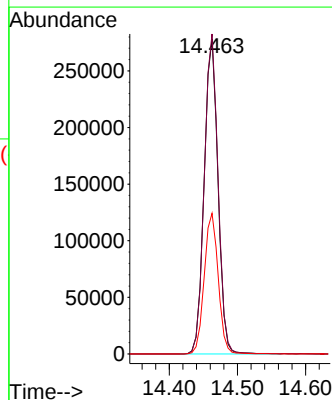
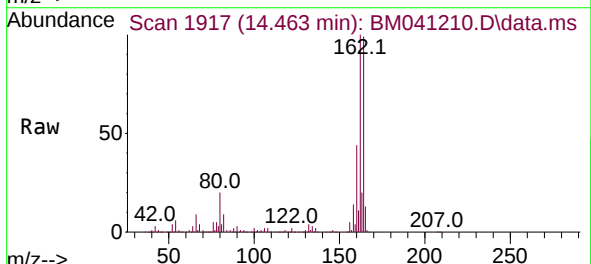
Tgt Ion: 164 Resp: 392031

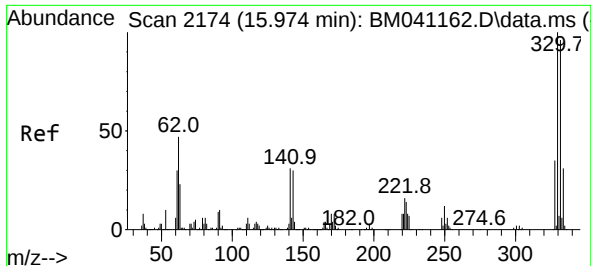
Ion Ratio Lower Upper

164 100

162 101.5 80.4 120.6

160 44.6 36.2 54.2

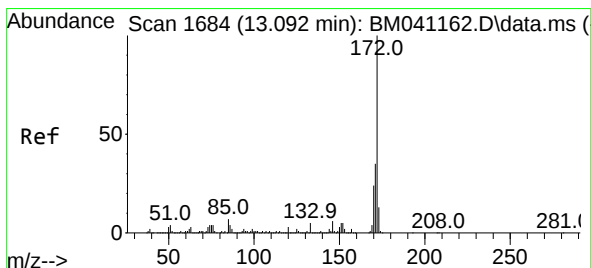
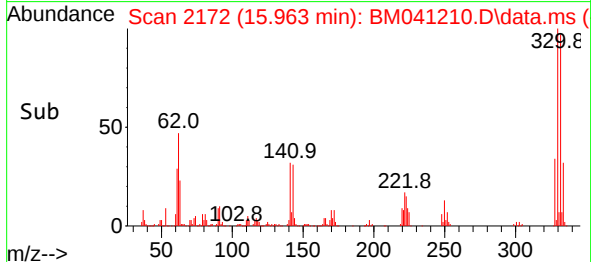
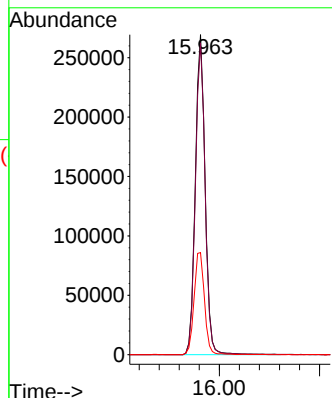
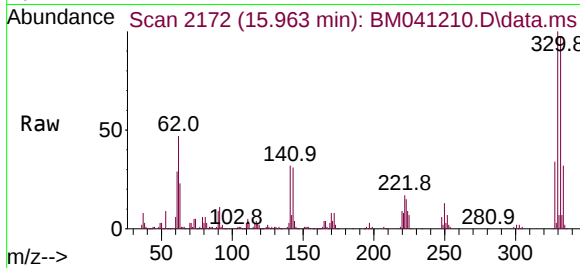




#42
2,4,6-Tribromophenol
Concen: 65.868 ng
RT: 15.963 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041210.D
Acq: 01 Aug 2023 05:07

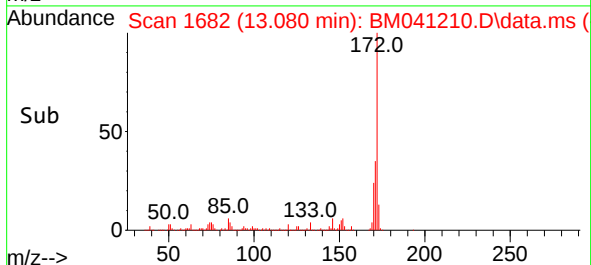
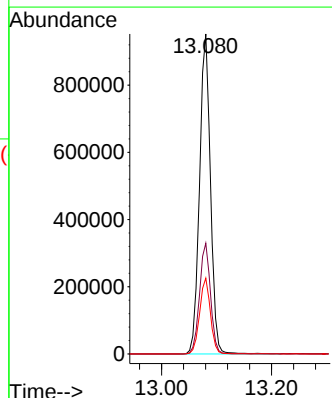
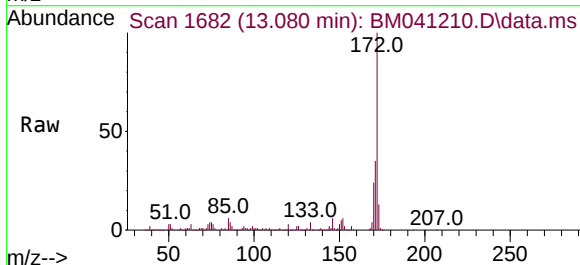
Instrument :
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DUP-04RE

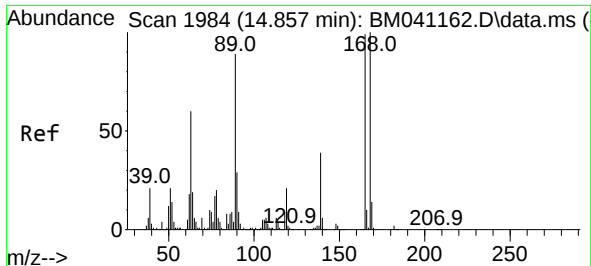
Tgt Ion:330 Resp: 365242
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 33.9 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 42.346 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041210.D
Acq: 01 Aug 2023 05:07

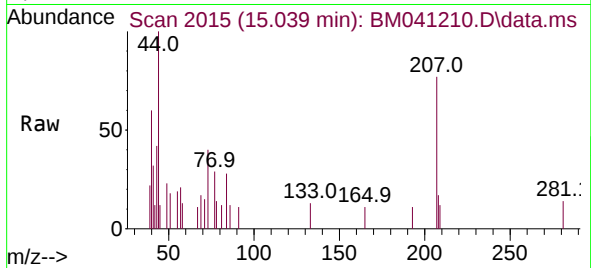
Tgt Ion:172 Resp: 1314153
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.7 18.9 28.3



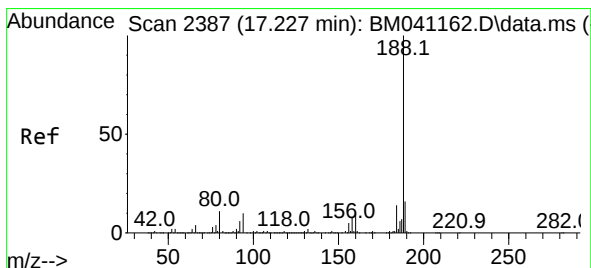
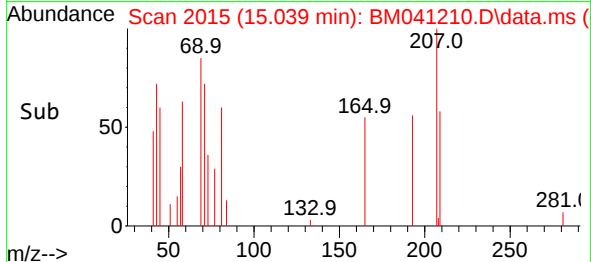
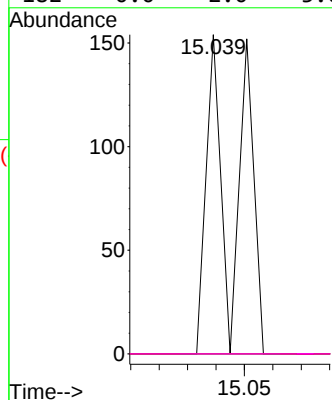


#57
2,4-Dinitrotoluene
Concen: 2.682 ng
RT: 15.039 min Scan# 20
Delta R.T. 0.188 min
Lab File: BM041210.D
Acq: 01 Aug 2023 05:07

Instrument :
BNA_M
ClientSampleId :
DUP-04RE

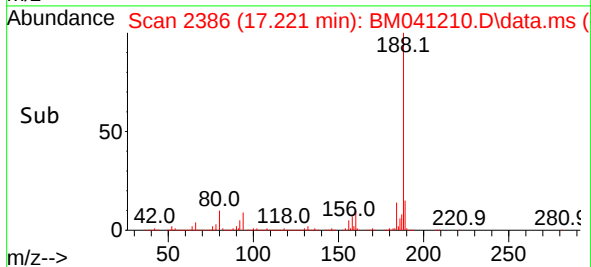
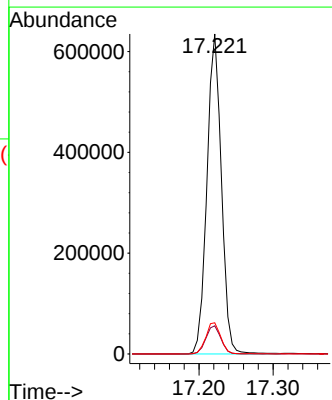
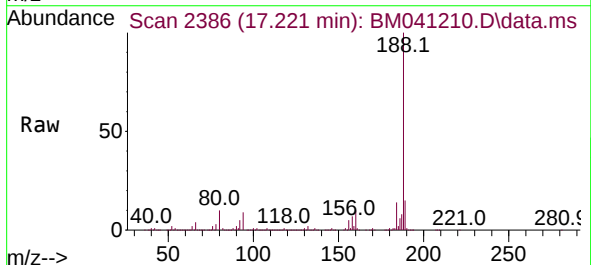


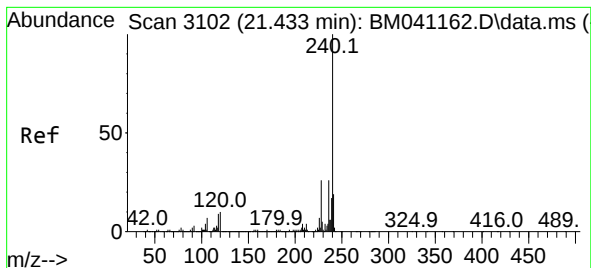
Tgt Ion:165 Resp: 108
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041210.D
Acq: 01 Aug 2023 05:07

Tgt Ion:188 Resp: 861723
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.7 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041210.D

Acq: 01 Aug 2023 05:07

Instrument :

BNA_M

ClientSampleId :

DUP-04RE

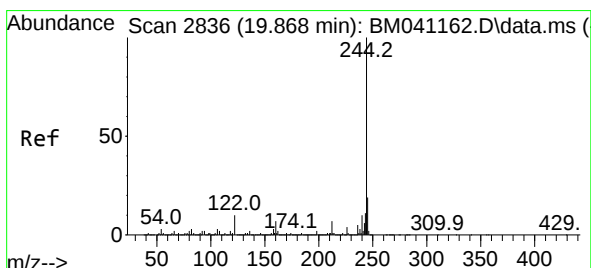
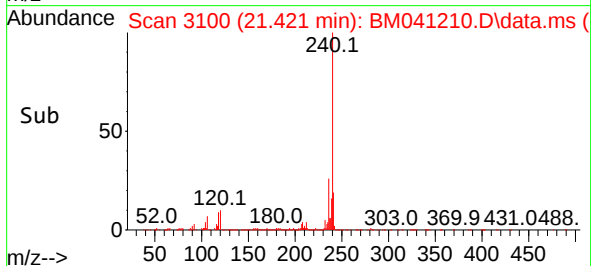
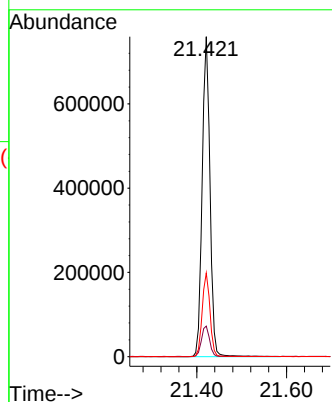
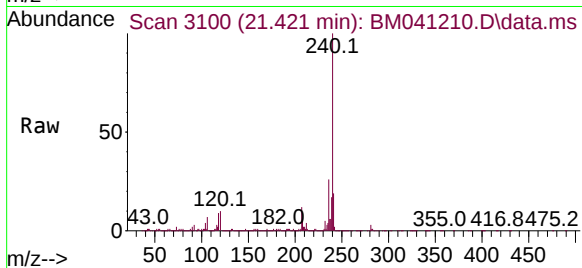
Tgt Ion:240 Resp: 916231

Ion Ratio Lower Upper

240 100

120 9.5 8.3 12.5

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 43.989 ng

RT: 19.856 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BM041210.D

Acq: 01 Aug 2023 05:07

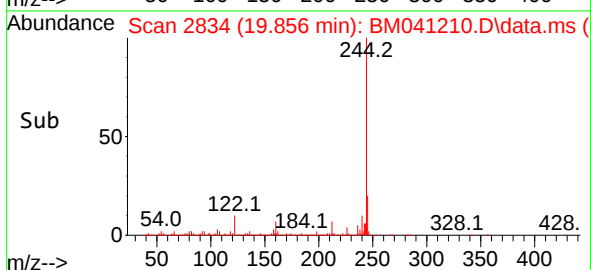
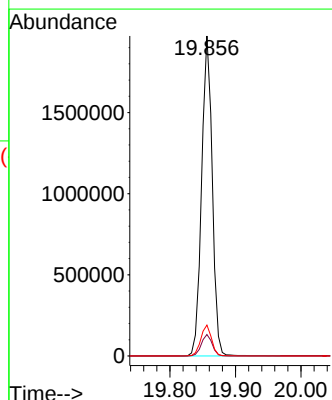
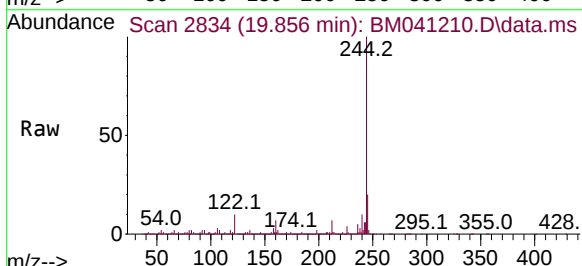
Tgt Ion:244 Resp: 2229147

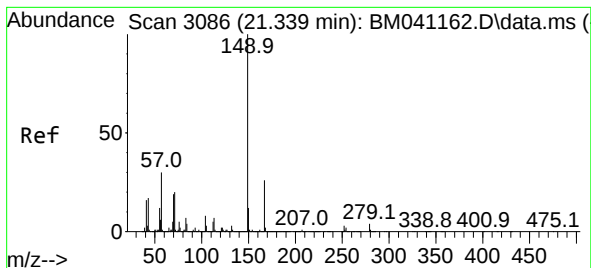
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 9.6 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.604 ng

RT: 21.333 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041210.D

Acq: 01 Aug 2023 05:07

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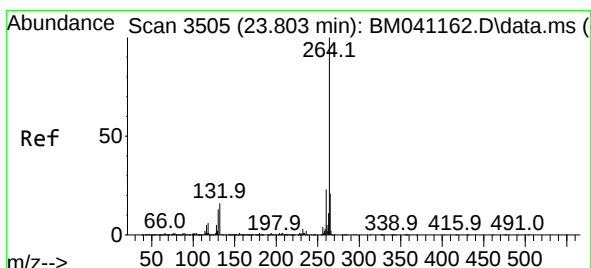
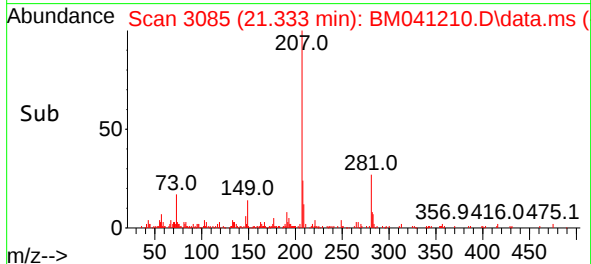
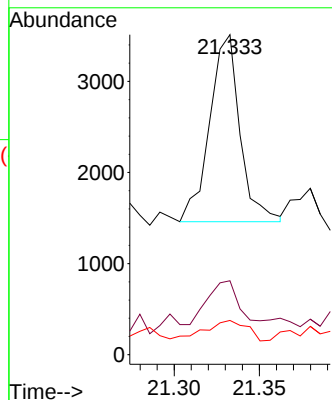
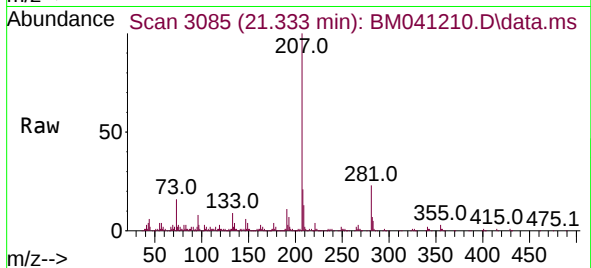
Tgt Ion:149 Resp: 2542

Ion Ratio Lower Upper

149 100

167 23.1 21.0 31.6

279 10.7 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3503

Delta R.T. -0.006 min

Lab File: BM041210.D

Acq: 01 Aug 2023 05:07

Tgt Ion:264 Resp: 1031744

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.6 17.4 26.0

