

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041202.D
 Acq On : 01 Aug 2023 00:14
 Operator : MA/JU
 Sample : 03741-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P6A

Quant Time: Aug 01 00:57:29 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)

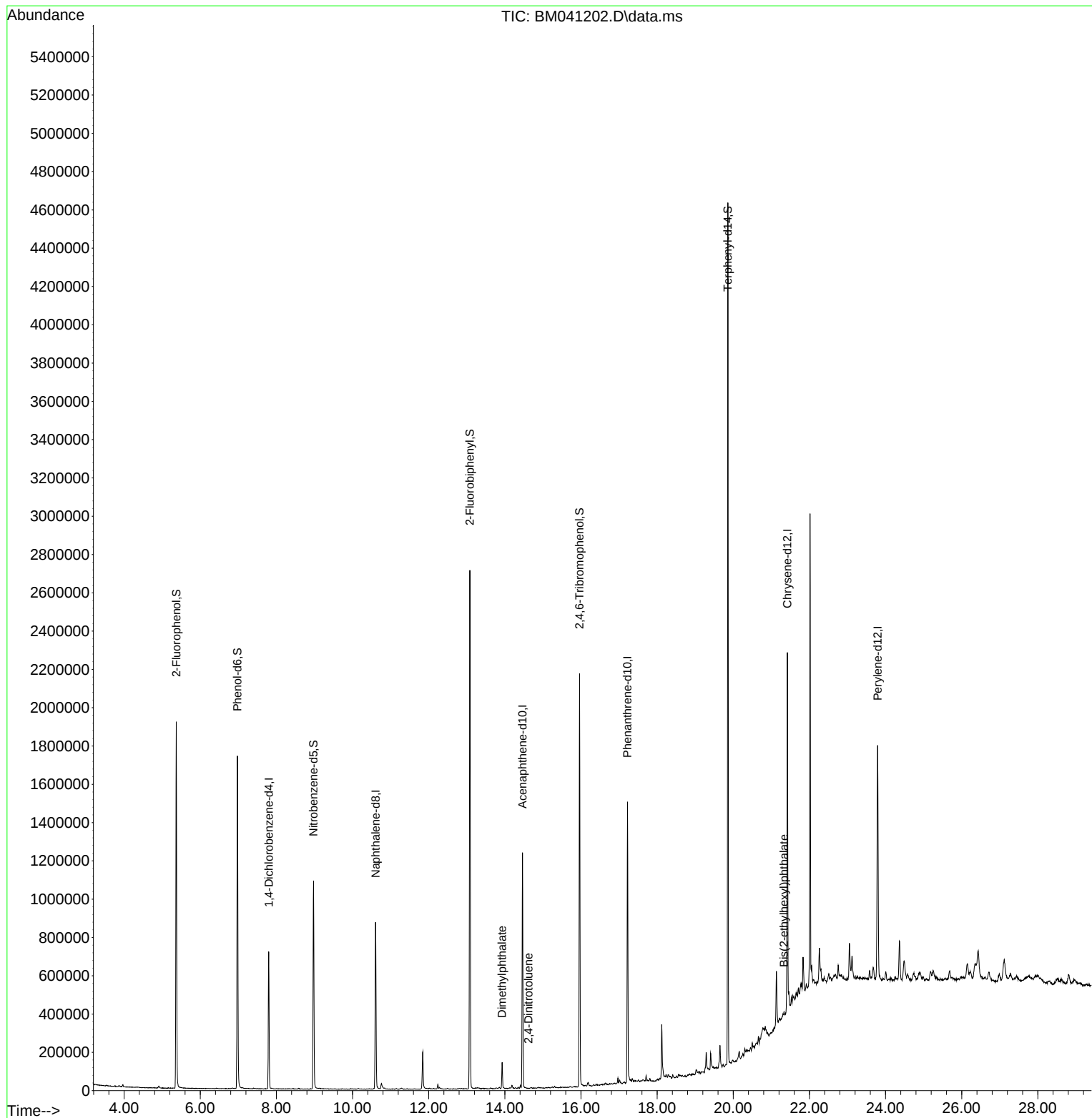
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	182522	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	694799	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	391606	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	821732	20.000	ng	0.00
76) Chrysene-d12	21.421	240	784810	20.000	ng	0.00
86) Perylene-d12	23.791	264	888520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	770833	63.120	ng	0.00
7) Phenol-d6	6.975	99	987782	62.400	ng	0.00
23) Nitrobenzene-d5	8.975	82	617866	41.355	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	376481	67.968	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1322214	42.652	ng	0.00
79) Terphenyl-d14	19.856	244	2071253	47.718	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.927	163	83565	2.837	ng	98
57) 2,4-Dinitrotoluene	14.621	165	55	2.676	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	5797	2.712	ng	# 98

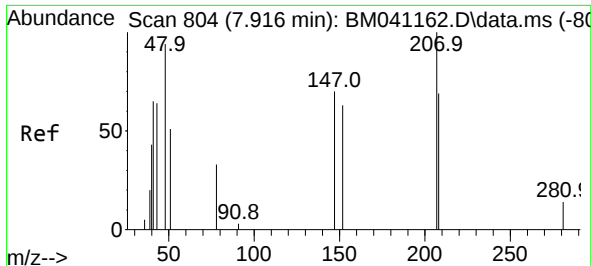
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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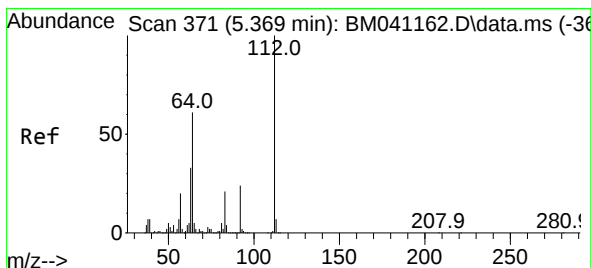
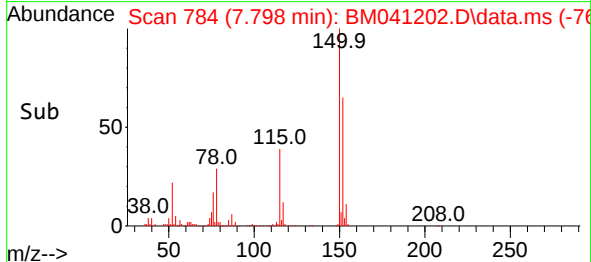
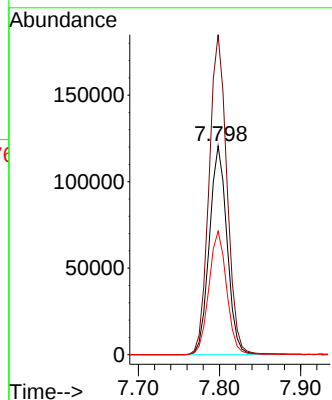
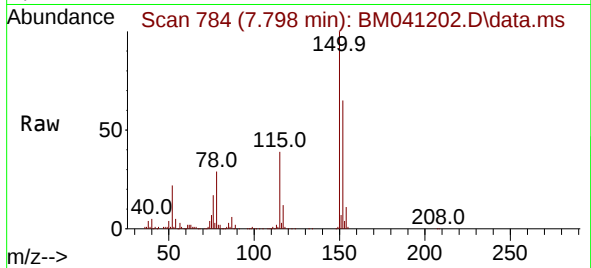




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041202.D
 Acq: 01 Aug 2023 00:14

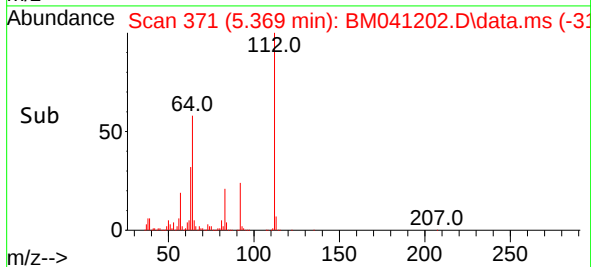
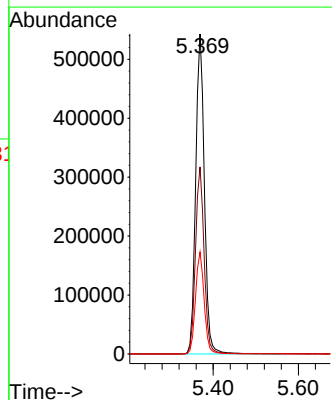
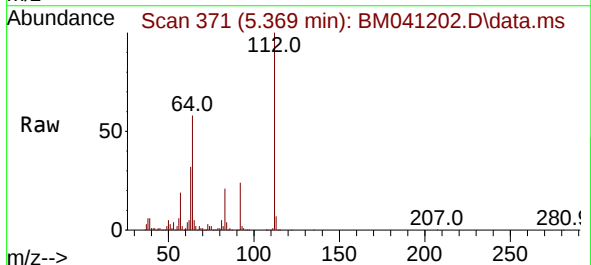
Instrument :
 BNA_M
 ClientSampleId :
 B-P6A

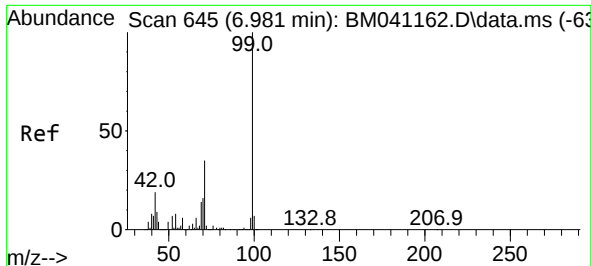
Tgt Ion:152 Resp: 182522
 Ion Ratio Lower Upper
 152 100
 150 153.3 125.5 188.3
 115 59.2 48.0 72.0



#5
 2-Fluorophenol
 Concen: 63.120 ng
 RT: 5.369 min Scan# 371
 Delta R.T. 0.006 min
 Lab File: BM041202.D
 Acq: 01 Aug 2023 00:14

Tgt Ion:112 Resp: 770833
 Ion Ratio Lower Upper
 112 100
 64 58.5 48.5 72.7
 63 31.9 26.5 39.7

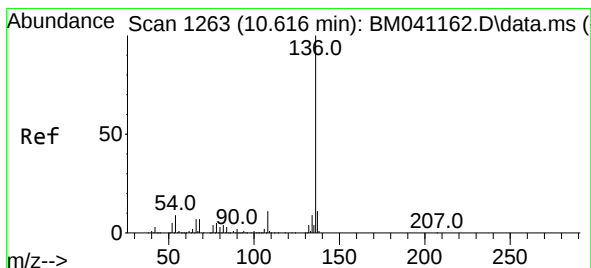
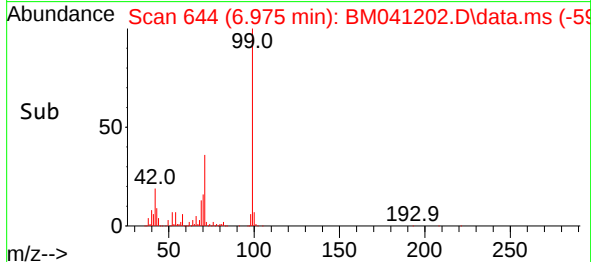
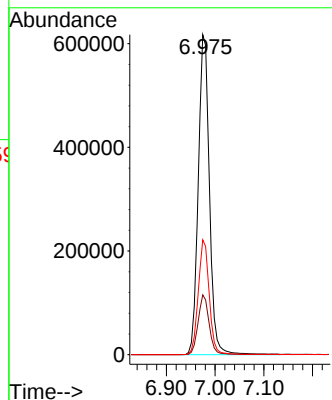
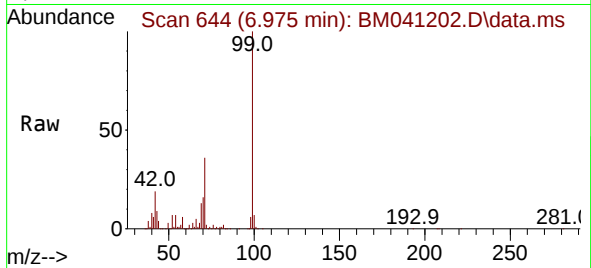




#7
Phenol-d6
Concen: 62.400 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

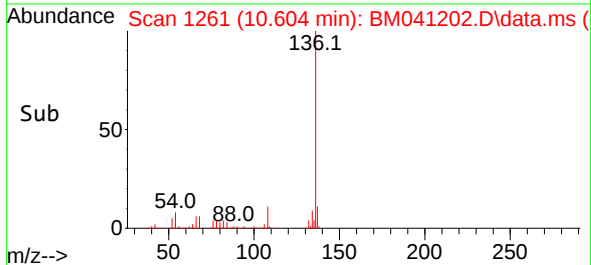
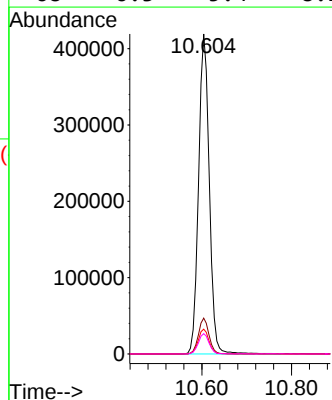
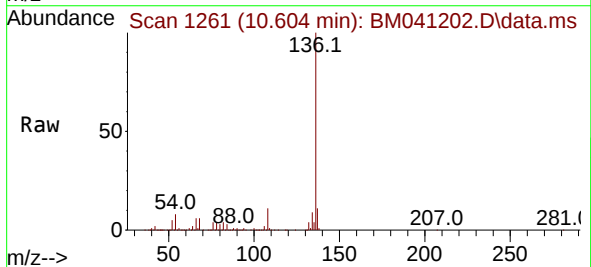
Instrument :
BNA_M
ClientSampleId :
B-P6A

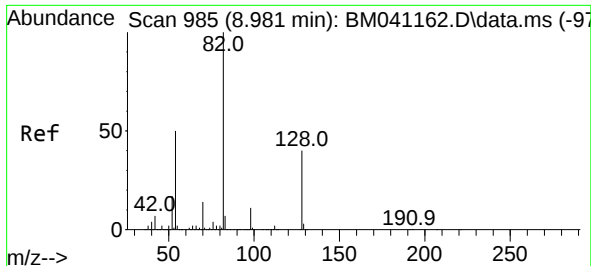
Tgt Ion: 99 Resp: 987782
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

Tgt Ion: 136 Resp: 694799
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 6.9 10.3
68 6.3 5.4 8.2

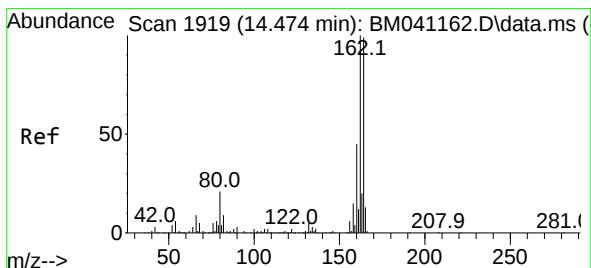
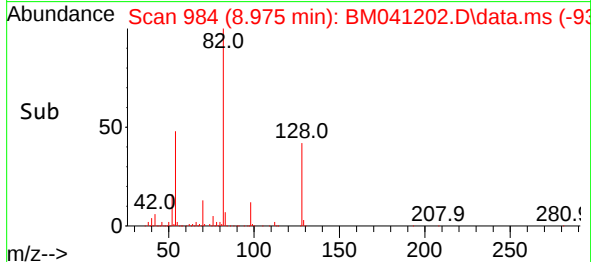
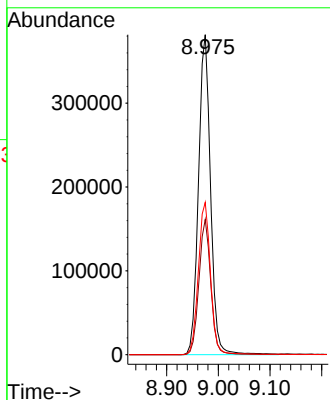
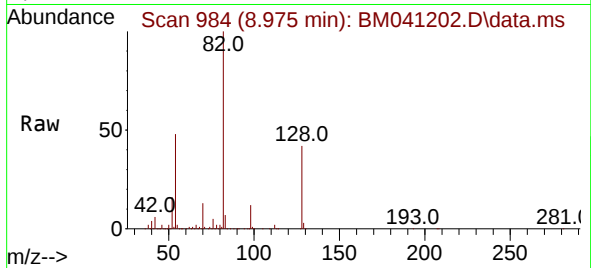




#23
Nitrobenzene-d5
Concen: 41.355 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

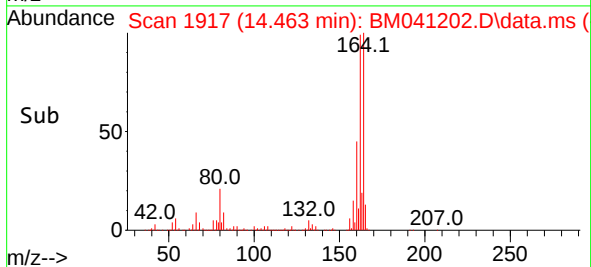
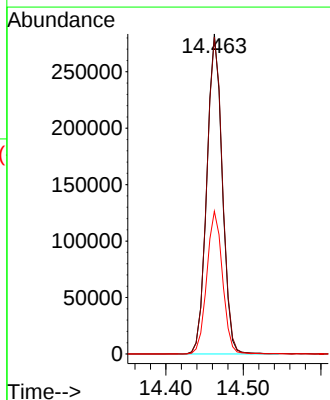
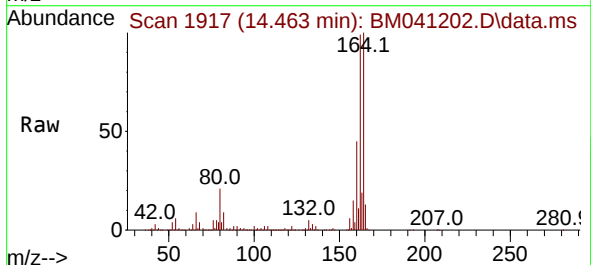
Instrument :
BNA_M
ClientSampleId :
B-P6A

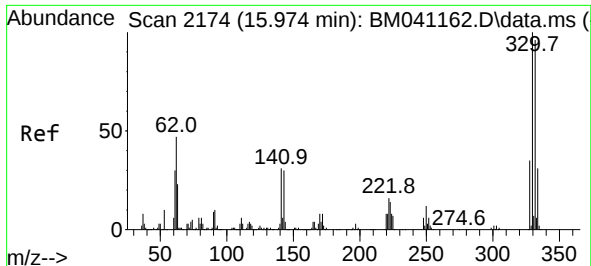
Tgt Ion: 82 Resp: 617866
Ion Ratio Lower Upper
82 100
128 42.2 31.8 47.6
54 47.6 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

Tgt Ion: 164 Resp: 391606
Ion Ratio Lower Upper
164 100
162 99.0 80.4 120.6
160 44.6 36.2 54.2

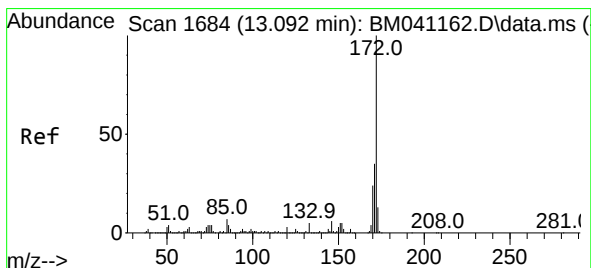
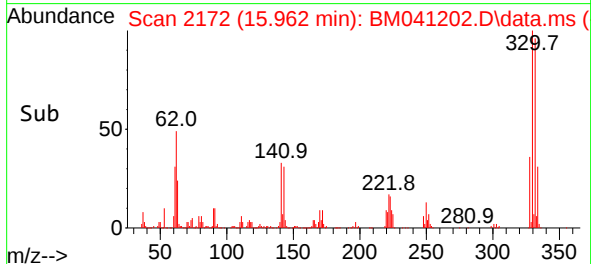
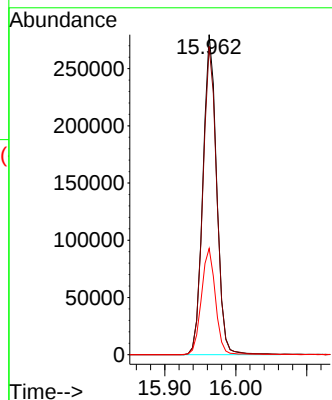
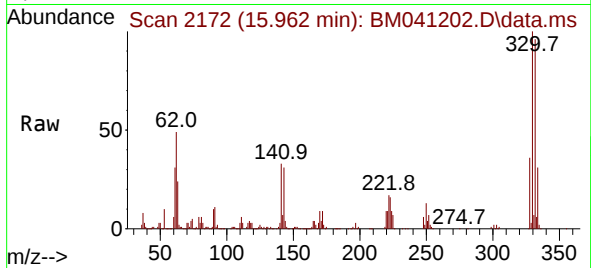




#42
2,4,6-Tribromophenol
Concen: 67.968 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

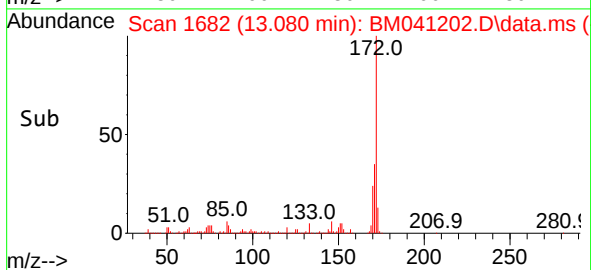
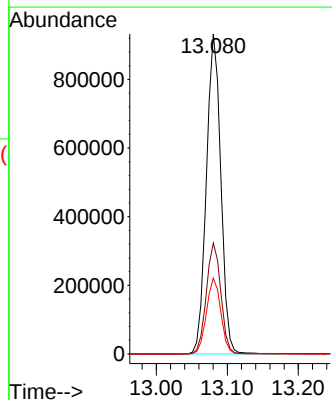
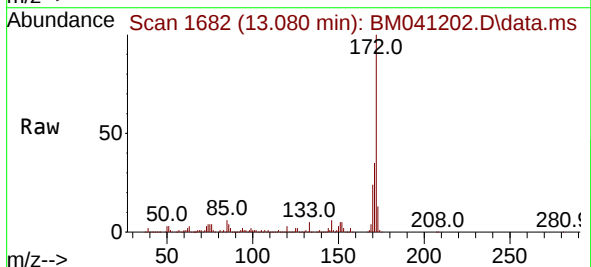
Instrument :
BNA_M
ClientSampleId :
B-P6A

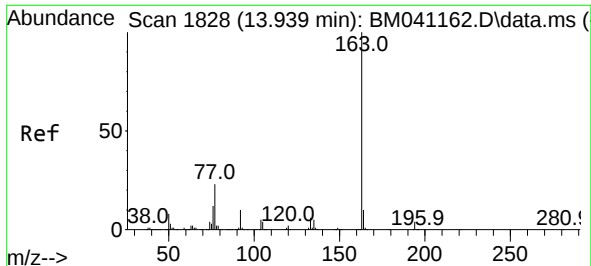
Tgt Ion:330 Resp: 376481
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 34.0 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 42.652 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

Tgt Ion:172 Resp: 1322214
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.7 18.9 28.3

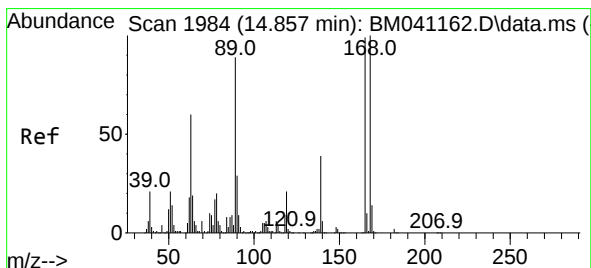
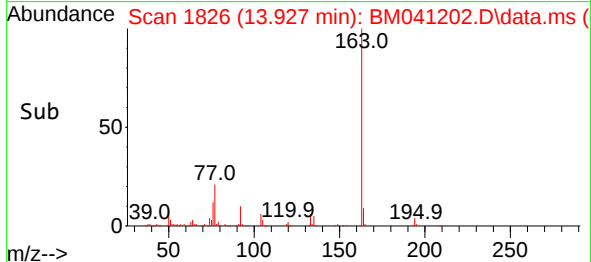
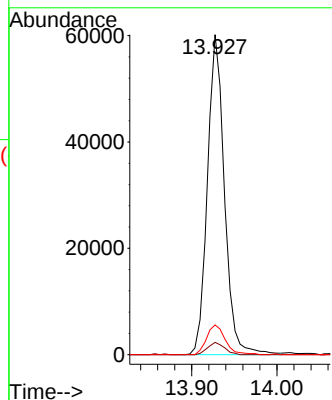
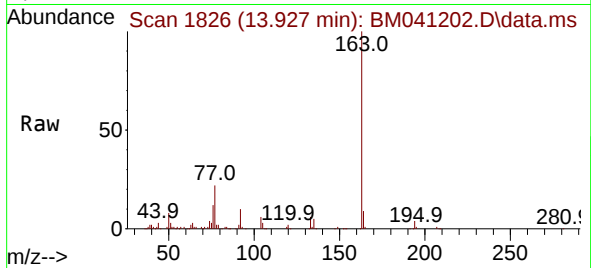




#50
Dimethylphthalate
Concen: 2.837 ng
RT: 13.927 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

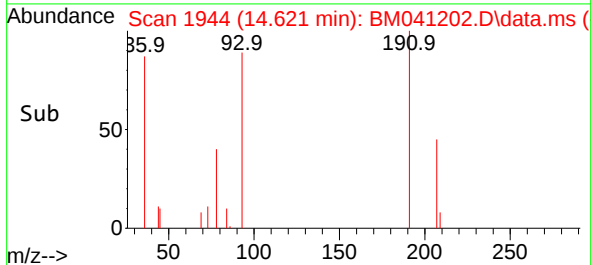
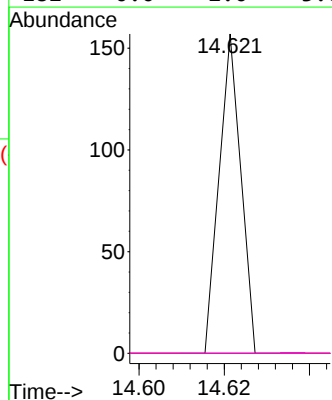
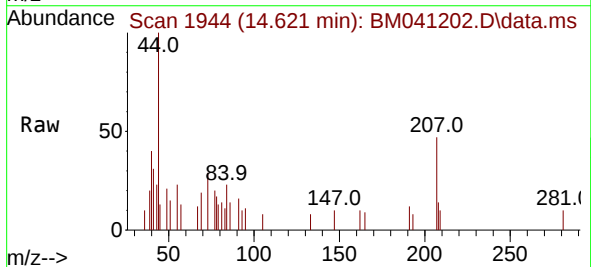
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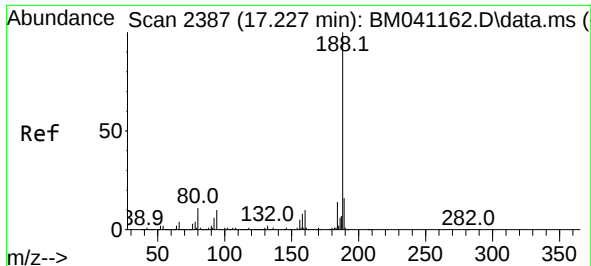
Tgt Ion:163 Resp: 83565
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.3 8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 2.676 ng
RT: 14.621 min Scan# 1944
Delta R.T. -0.229 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

Tgt Ion:165 Resp: 55
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#

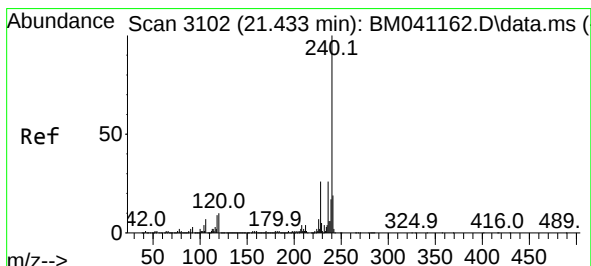
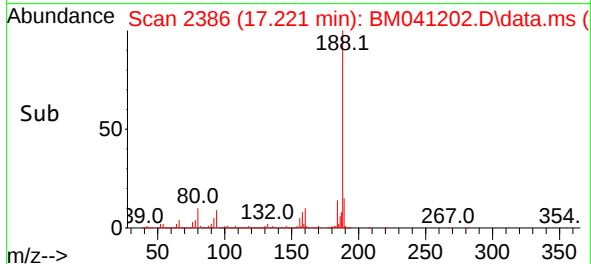
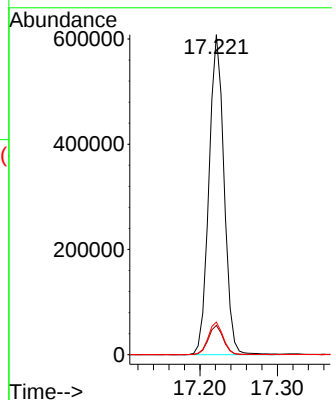
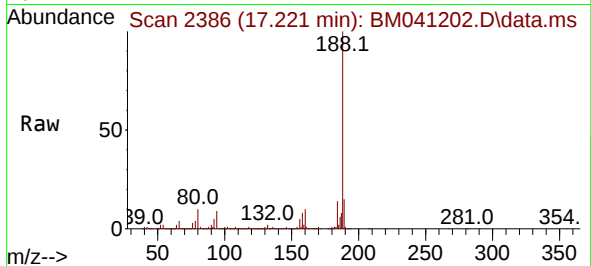




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

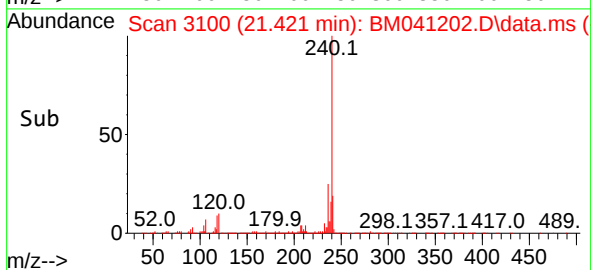
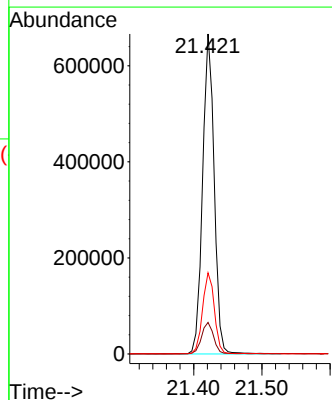
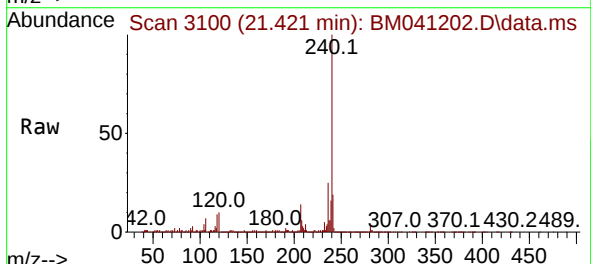
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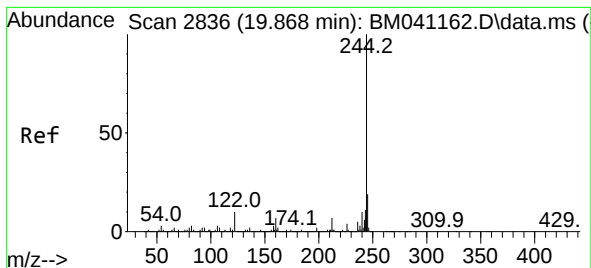
Tgt Ion:188 Resp: 821732
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM041202.D
Acq: 01 Aug 2023 00:14

Tgt Ion:240 Resp: 784810
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 25.4 20.6 30.8





#79

Terphenyl-d14

Concen: 47.718 ng

RT: 19.856 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041202.D

Acq: 01 Aug 2023 00:14

Instrument :

BNA_M

ClientSampleId :

B-P6A

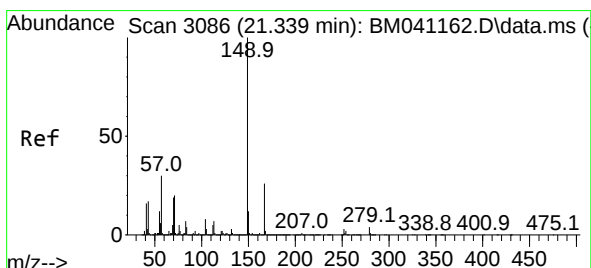
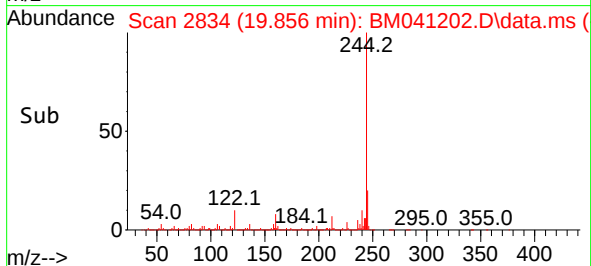
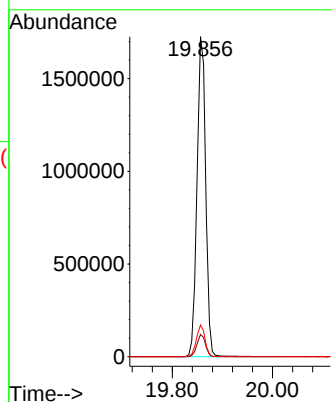
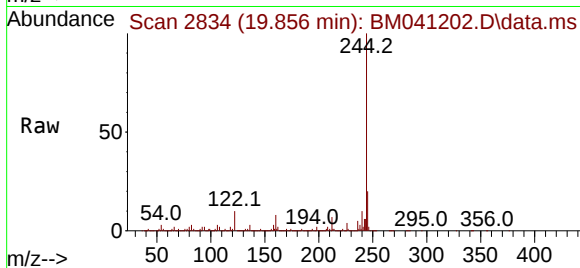
Tgt Ion:244 Resp: 2071253

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.9 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.712 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041202.D

Acq: 01 Aug 2023 00:14

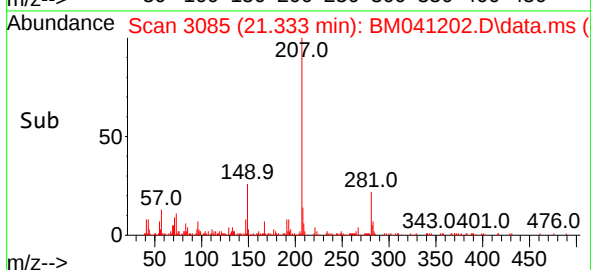
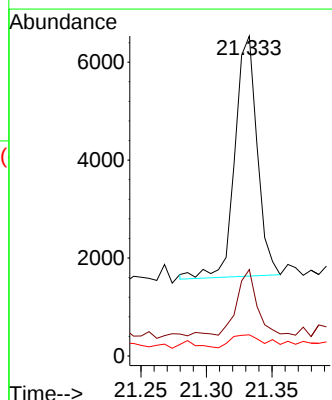
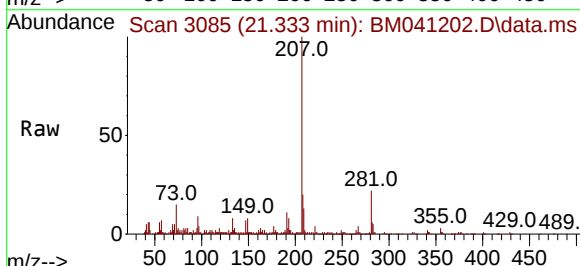
Tgt Ion:149 Resp: 5797

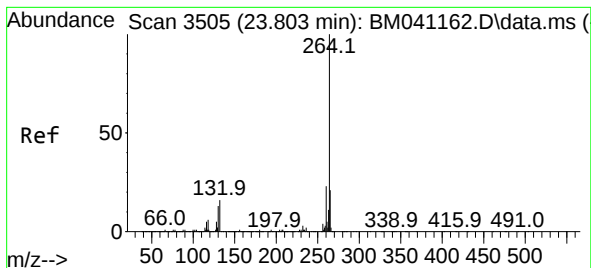
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.6

279 6.6 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM041202.D

Acq: 01 Aug 2023 00:14

Instrument :

BNA_M

ClientSampleId :

B-P6A

Tgt Ion:264 Resp: 888520

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.2 17.4 26.0

