

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036193.D
 Acq On : 10 Aug 2022 15:39
 Operator : CG/JU
 Sample : N3971-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-15

Quant Time: Aug 10 22:25:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

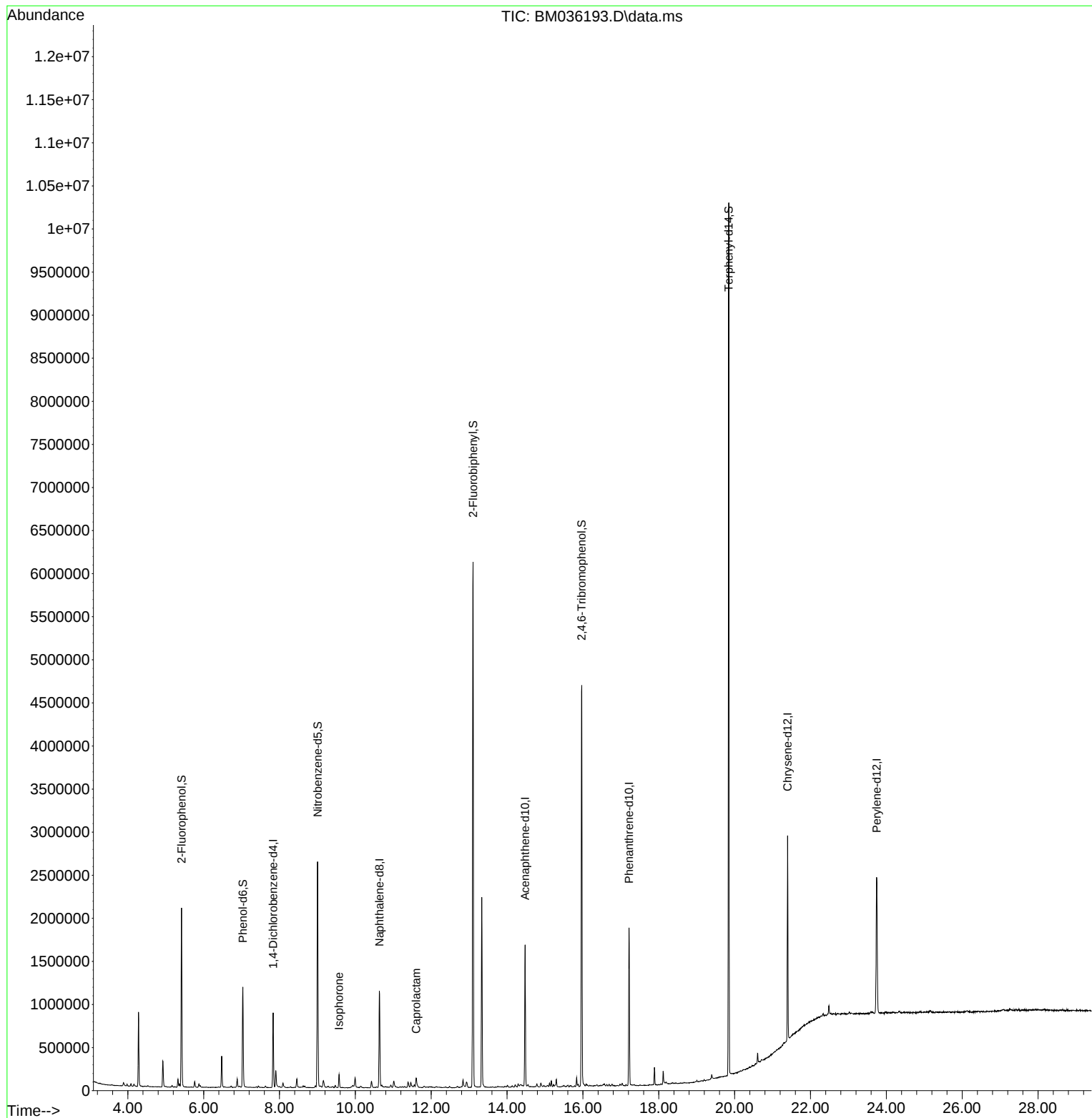
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	236712	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	951228	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	539085	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1069950	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1051906	20.000	ng	0.00
86) Perylene-d12	23.744	264	1150591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	893681	61.209	ng	0.00
7) Phenol-d6	7.034	99	668748	35.997	ng	0.00
23) Nitrobenzene-d5	9.004	82	1454703	85.605	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	849810	134.375	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3103369	84.997	ng	0.00
79) Terphenyl-d14	19.845	244	4656467	87.314	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.569	82	103564	3.746	ng	98
35) Caprolactam	11.604	113	24087	5.958	ng	97

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

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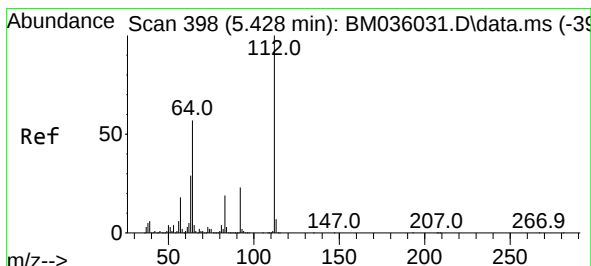
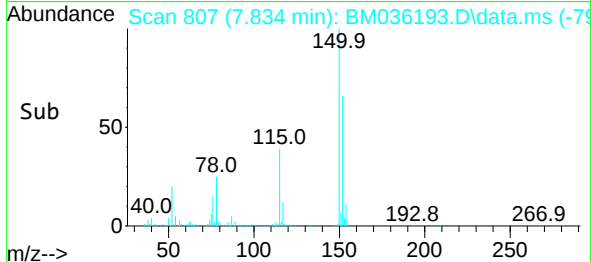
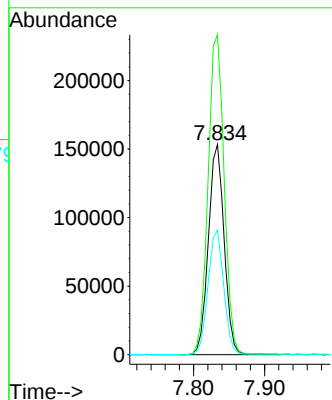
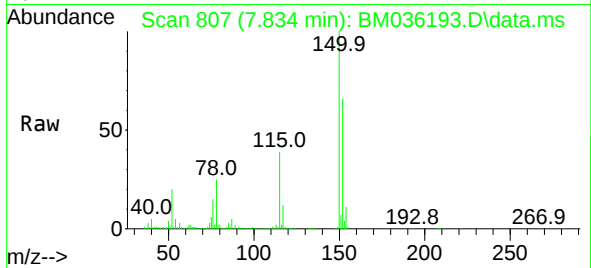




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

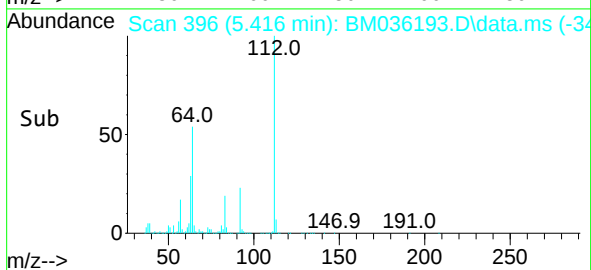
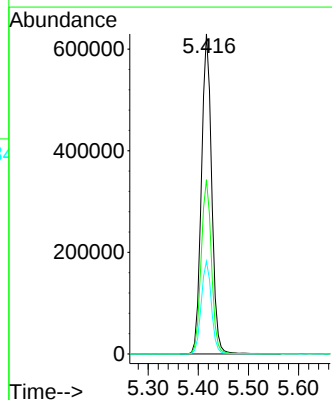
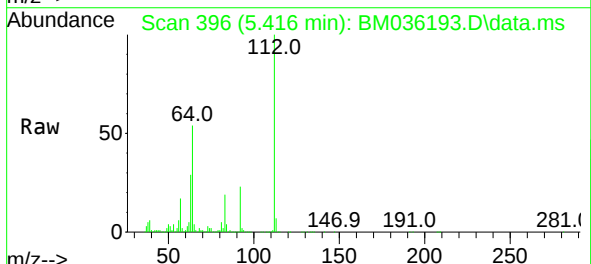
Instrument :
BNA_M
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 236712
Ion Ratio Lower Upper
152 100
150 152.3 124.9 187.3
115 59.3 47.9 71.9



#5
2-Fluorophenol
Concen: 61.209 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

Tgt Ion:112 Resp: 893681
Ion Ratio Lower Upper
112 100
64 54.4 47.8 71.6
63 28.9 26.6 40.0

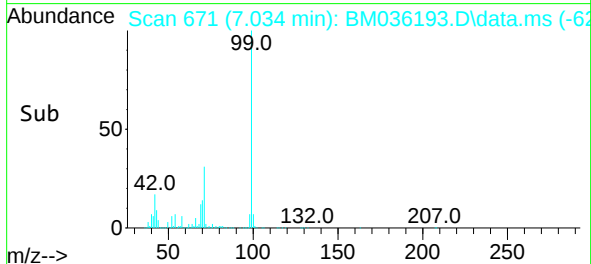
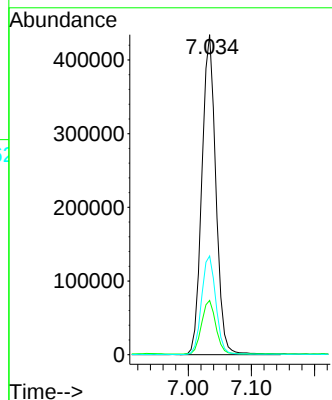
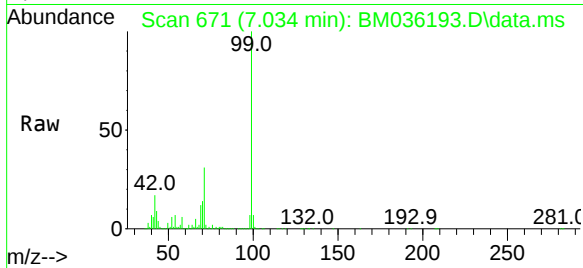




#7
Phenol-d6
Concen: 35.997 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

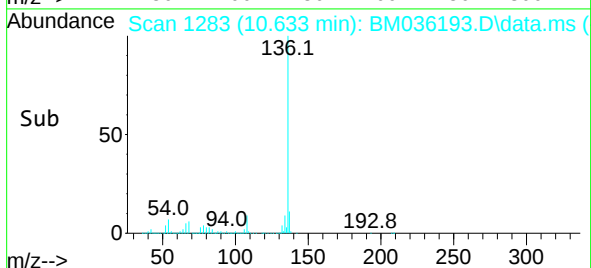
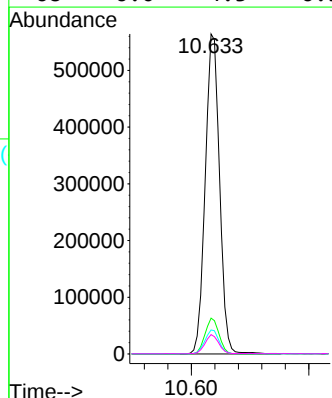
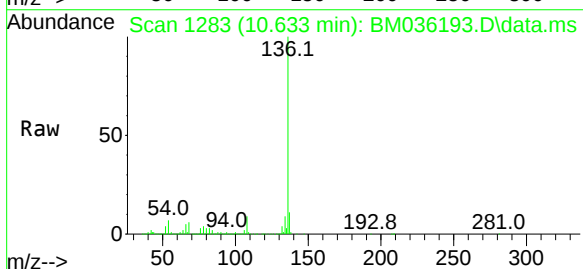
Instrument :
BNA_M
ClientSampleId :
MW-15

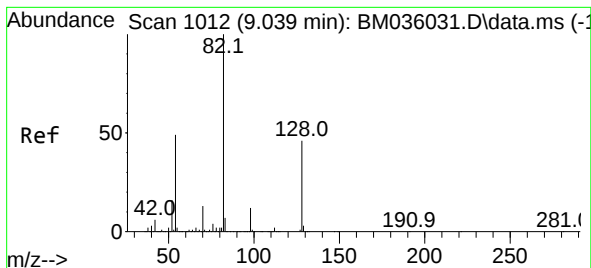
Tgt Ion: 99 Resp: 668748
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 30.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

Tgt Ion: 136 Resp: 951228
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 7.0 10.4
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 85.605 ng

RT: 9.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BM036193.D

Acq: 10 Aug 2022 15:39

Instrument :

BNA_M

ClientSampleId :

MW-15

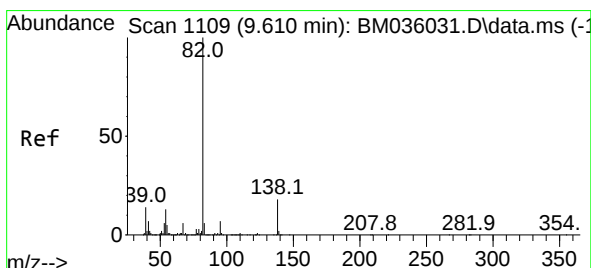
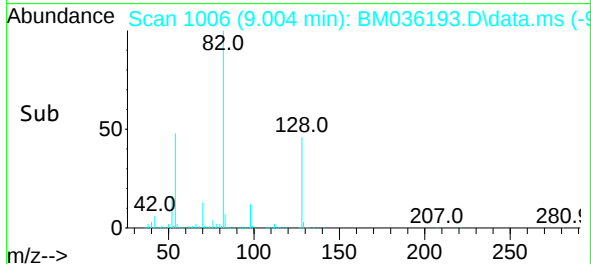
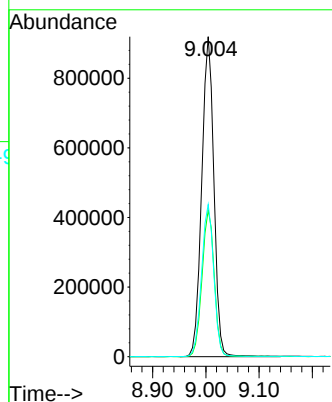
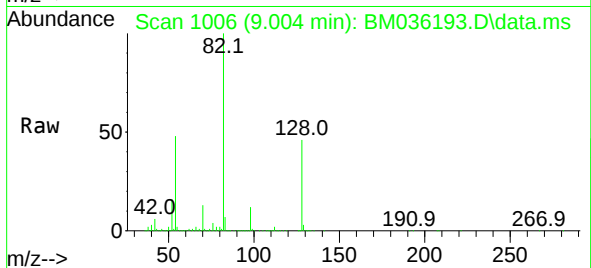
Tgt Ion: 82 Resp: 1454703

Ion Ratio Lower Upper

82 100

128 45.8 33.7 50.5

54 47.6 43.2 64.8



#25

Isophorone

Concen: 3.746 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM036193.D

Acq: 10 Aug 2022 15:39

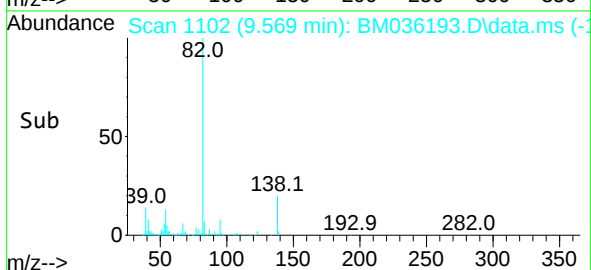
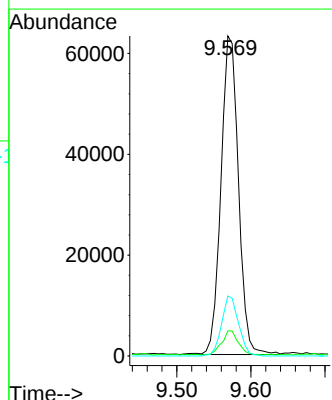
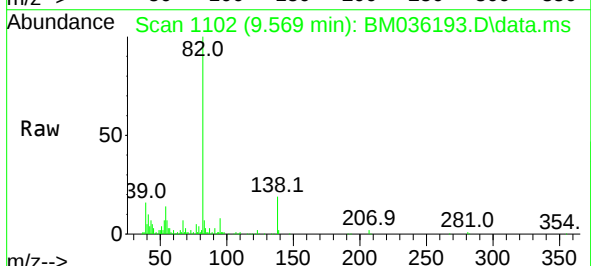
Tgt Ion: 82 Resp: 103564

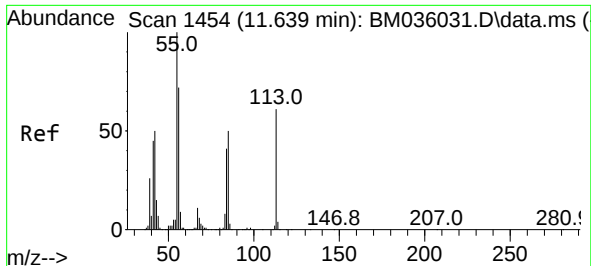
Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 18.7 14.2 21.4

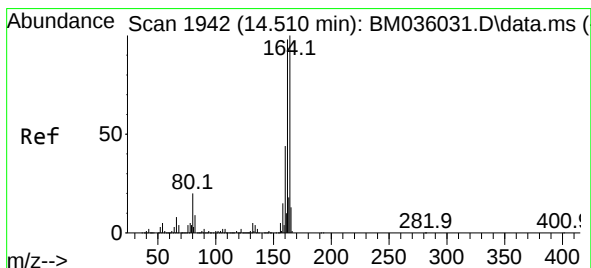
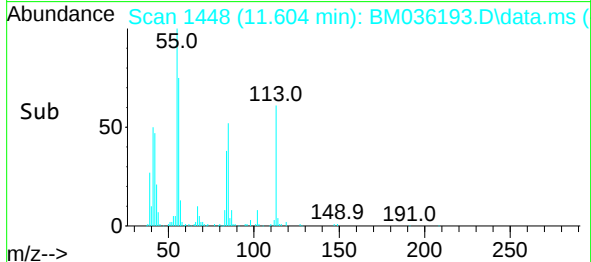
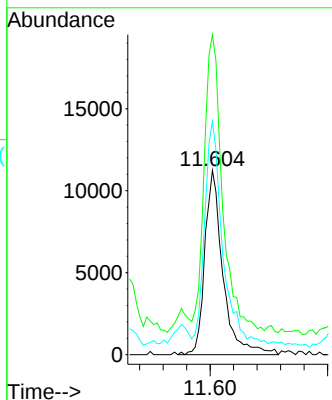
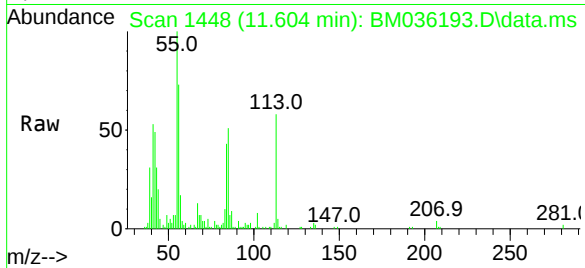




#35
Caprolactam
Concen: 5.958 ng
RT: 11.604 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

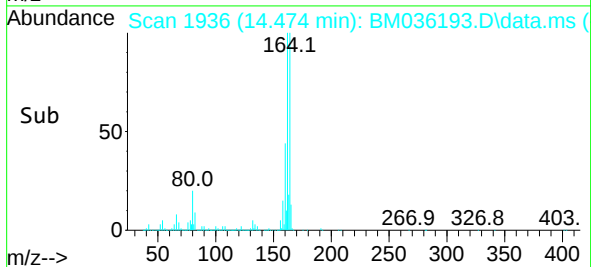
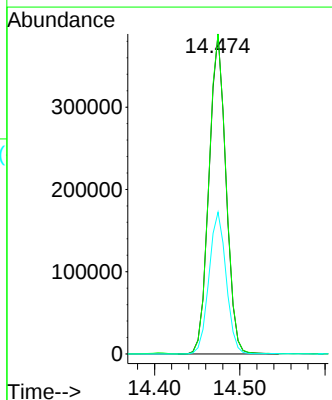
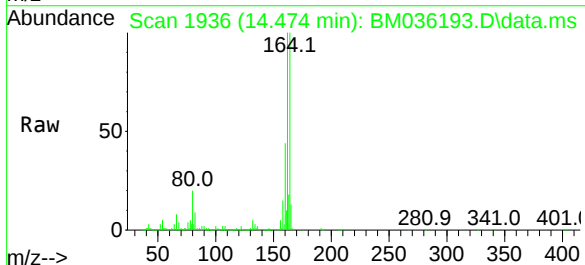
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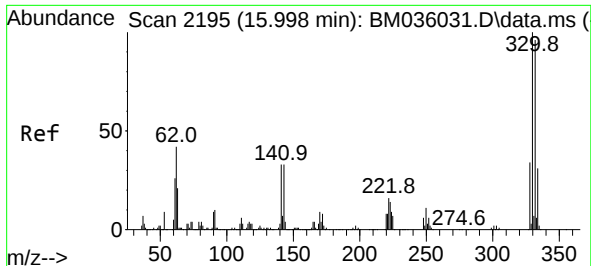
Tgt Ion:113 Resp: 24087
Ion Ratio Lower Upper
113 100
55 173.6 150.1 190.1
56 126.7 111.7 151.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

Tgt Ion:164 Resp: 539085
Ion Ratio Lower Upper
164 100
162 100.0 83.0 124.6
160 44.3 37.0 55.4

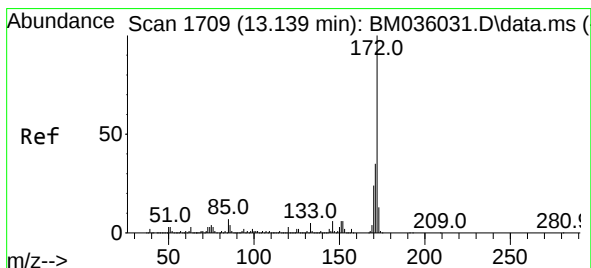
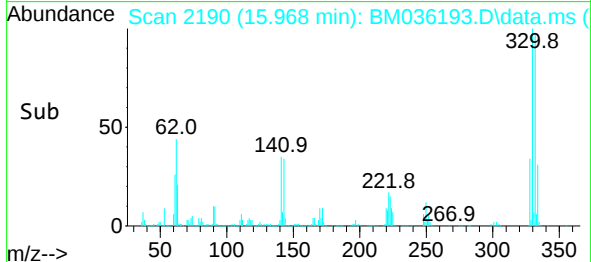
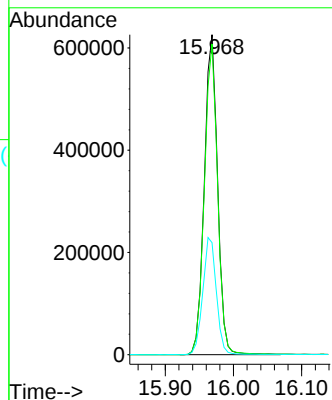
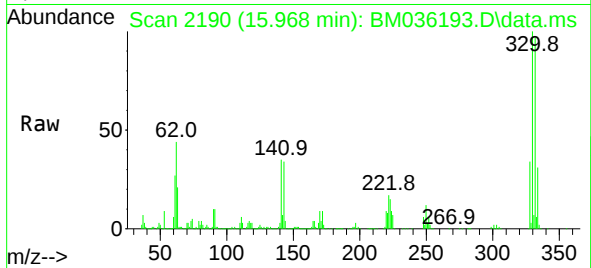




#42
2,4,6-Tribromophenol
Concen: 134.375 ng
RT: 15.968 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

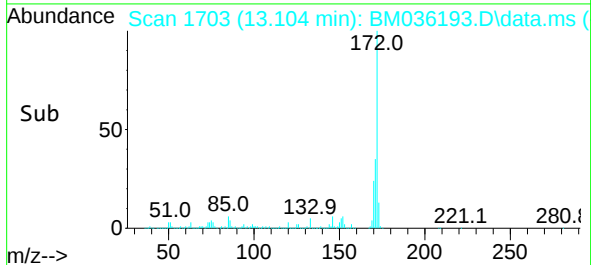
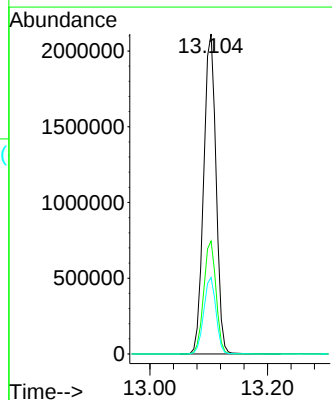
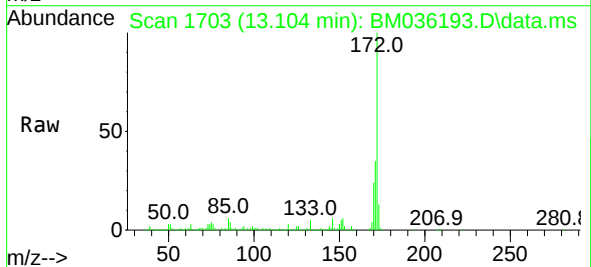
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ClientSampleId :
MW-15

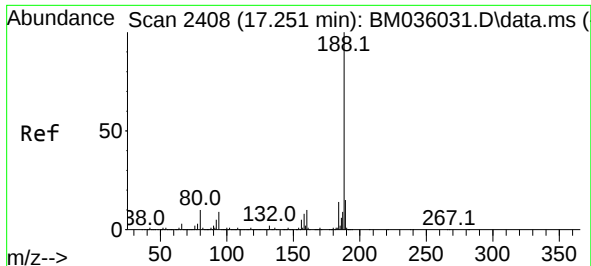
Tgt Ion:330 Resp: 849810
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 37.7 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 84.997 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

Tgt Ion:172 Resp: 3103369
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.9 18.7 28.1

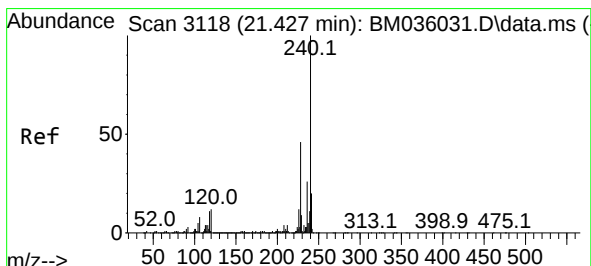
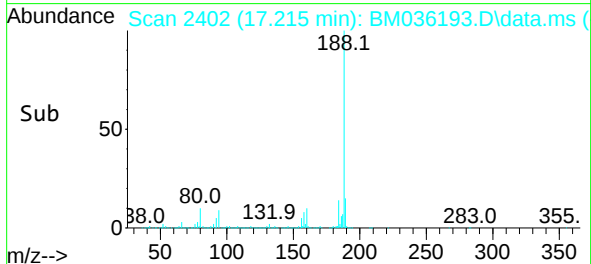
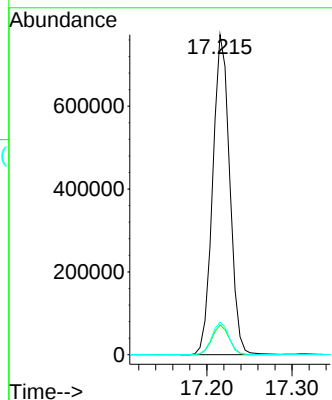
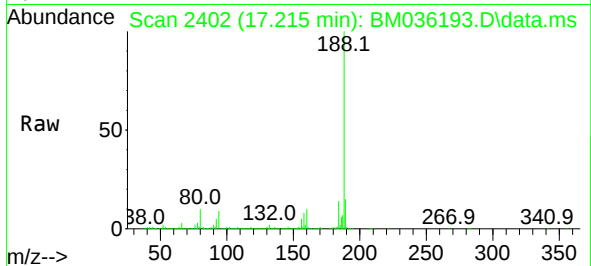




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

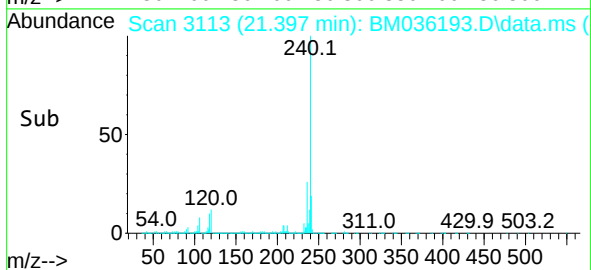
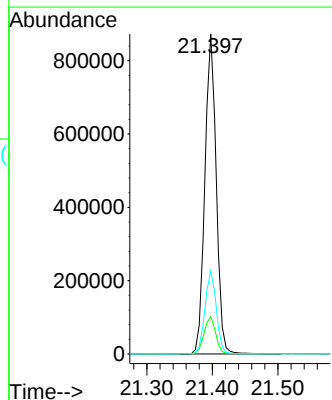
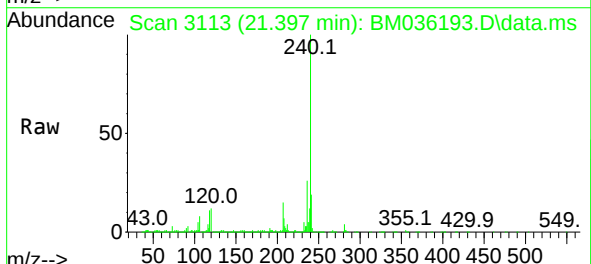
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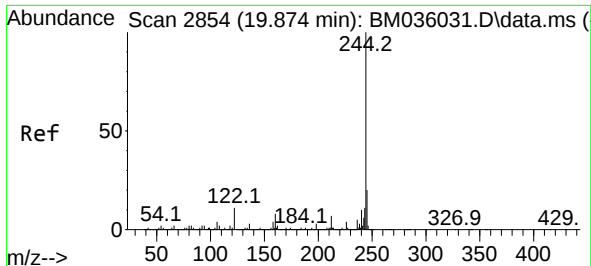
Tgt Ion:188 Resp: 1069950
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM036193.D
Acq: 10 Aug 2022 15:39

Tgt Ion:240 Resp: 1051906
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 25.9 20.6 30.8

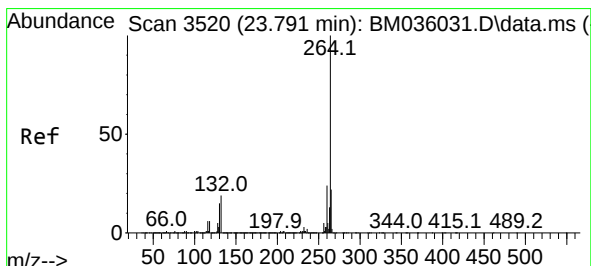
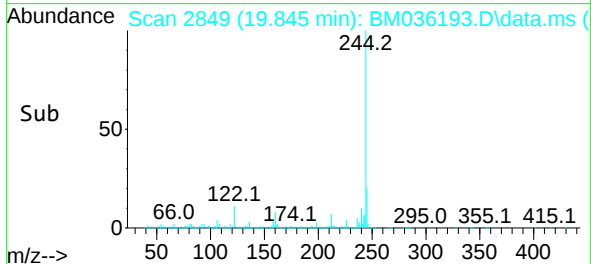
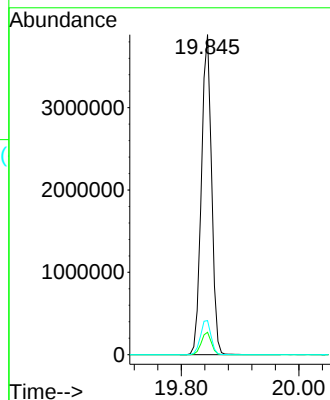
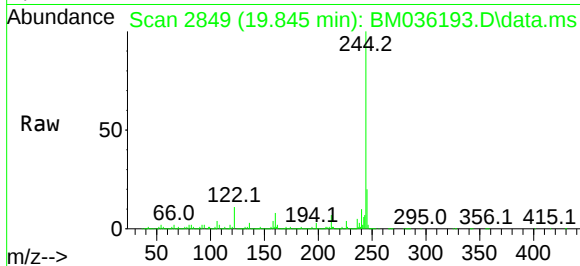




#79
 Terphenyl-d14
 Concen: 87.314 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036193.D
 Acq: 10 Aug 2022 15:39

Instrument :
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Tgt Ion:244 Resp: 4656467
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.744 min Scan# 3512
 Delta R.T. -0.000 min
 Lab File: BM036193.D
 Acq: 10 Aug 2022 15:39

Tgt Ion:264 Resp: 1150591
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.9 17.5 26.3

