

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036198.D
 Acq On : 10 Aug 2022 18:46
 Operator : CG/JU
 Sample : N3971-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14R

Quant Time: Aug 10 22:27:29 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)

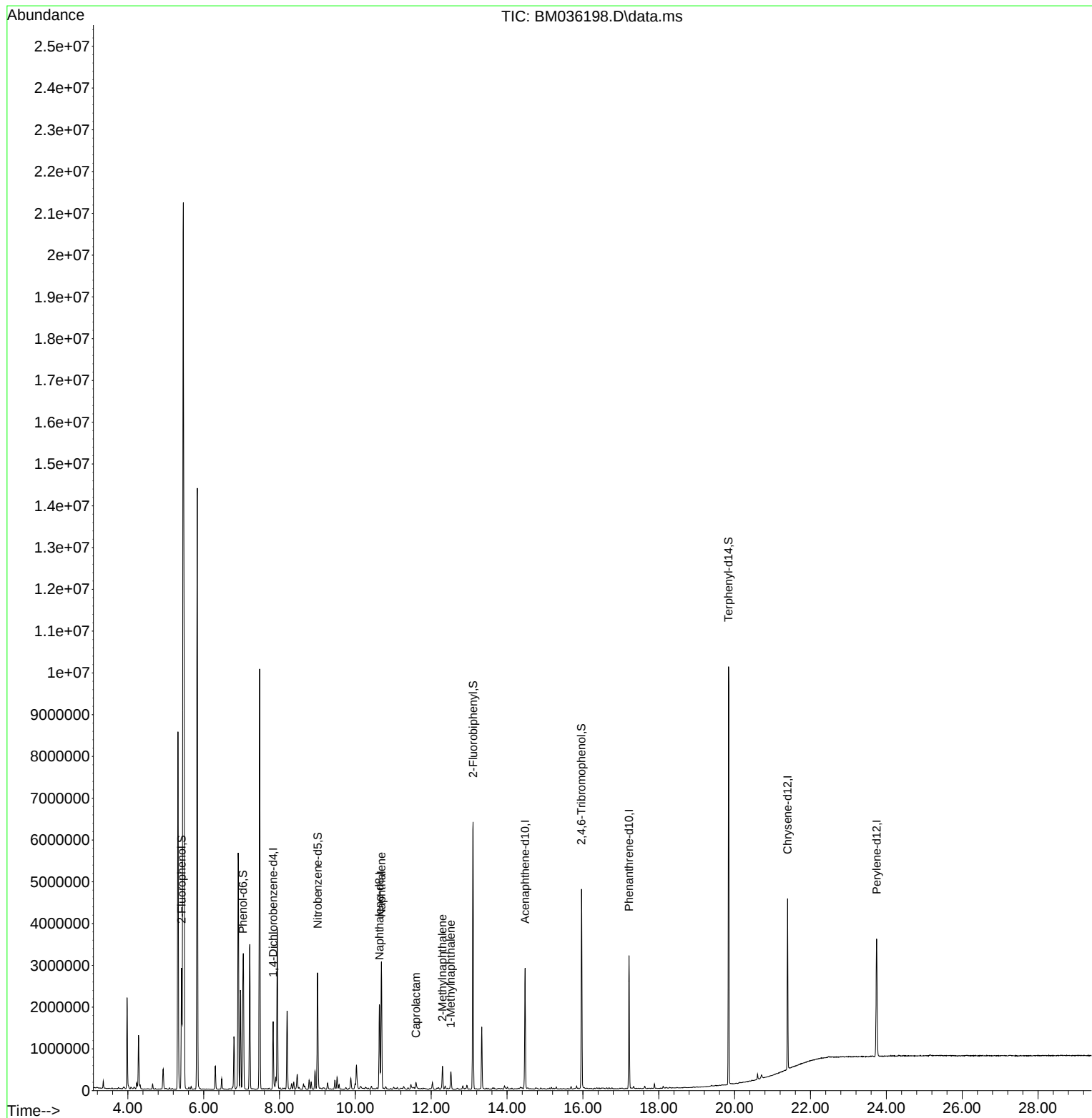
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	431115	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	1726064	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	958126	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1834220	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1822273	20.000	ng	0.00
86) Perylene-d12	23.744	264	1995925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1189004	44.714	ng	0.00
7) Phenol-d6	7.034	99	987794	29.194	ng	0.00
23) Nitrobenzene-d5	9.004	82	1483112	48.098	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	840754	74.800	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3198668	49.292	ng	0.00
79) Terphenyl-d14	19.839	244	4709527	50.976	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.686	128	2426742	28.279	ng	99
35) Caprolactam	11.598	113	37293	5.083	ng	96
37) 2-Methylnaphthalene	12.298	142	243332	4.261	ng	98
38) 1-Methylnaphthalene	12.516	142	146217	2.615	ng	98

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

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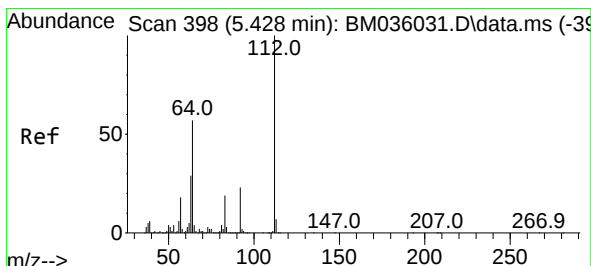
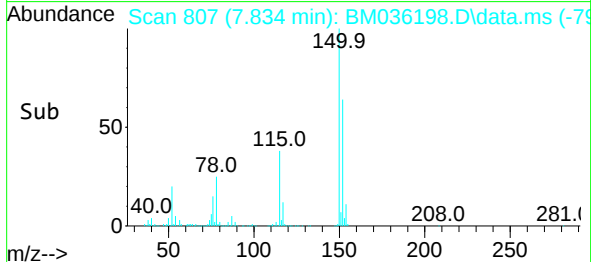
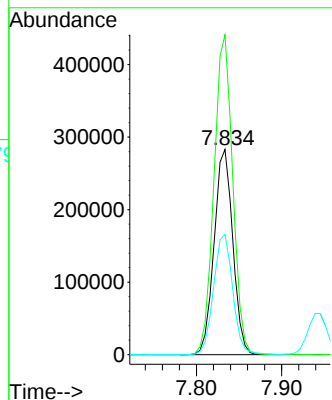
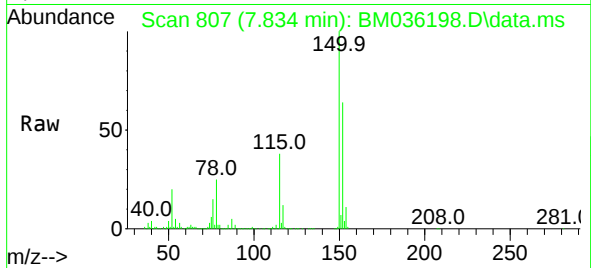




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

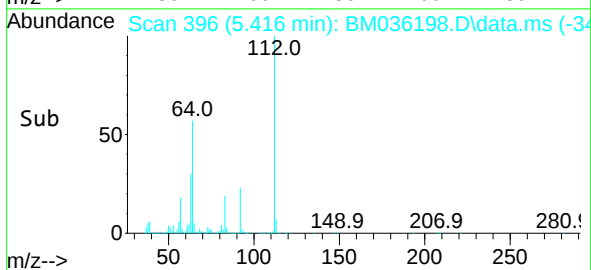
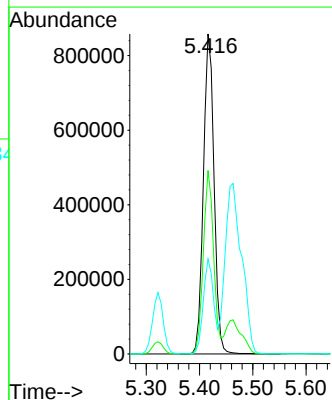
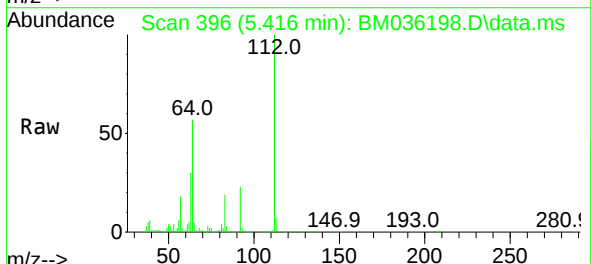
Instrument :
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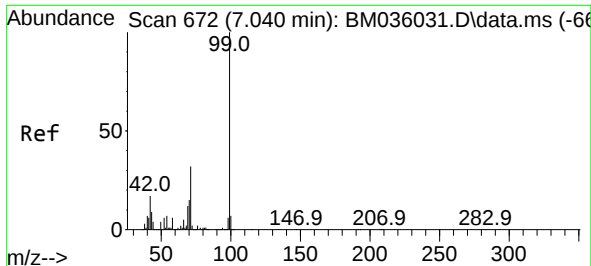
Tgt Ion:152 Resp: 431115
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 58.6 47.9 71.9



#5
2-Fluorophenol
Concen: 44.714 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

Tgt Ion:112 Resp: 1189004
Ion Ratio Lower Upper
112 100
64 57.3 47.8 71.6
63 29.6 26.6 40.0

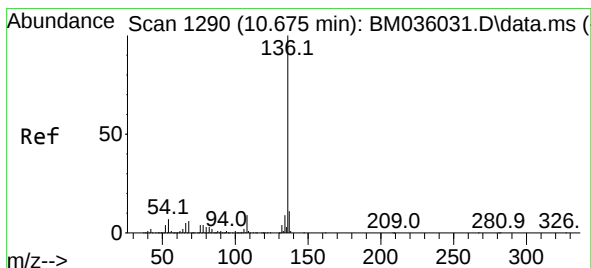
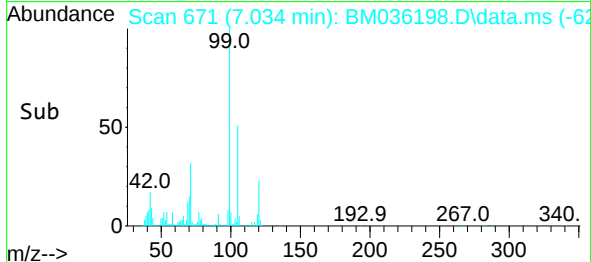
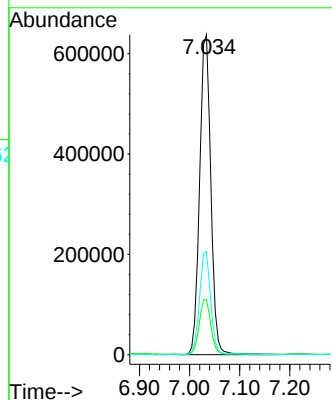
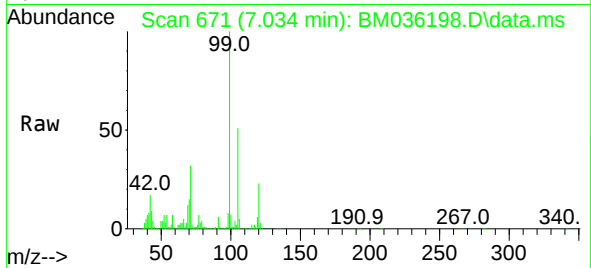




#7
Phenol-d6
Concen: 29.194 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

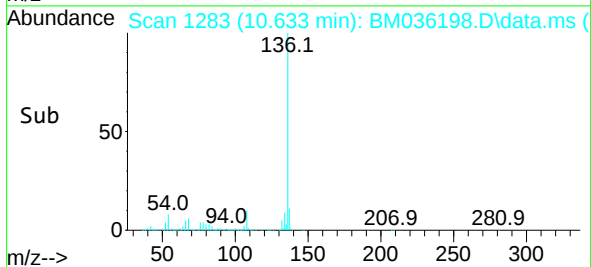
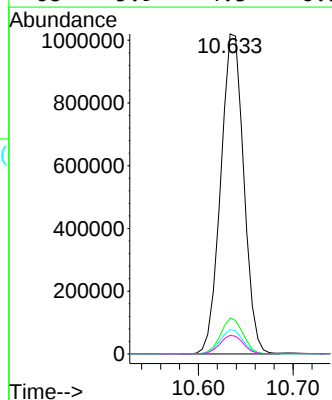
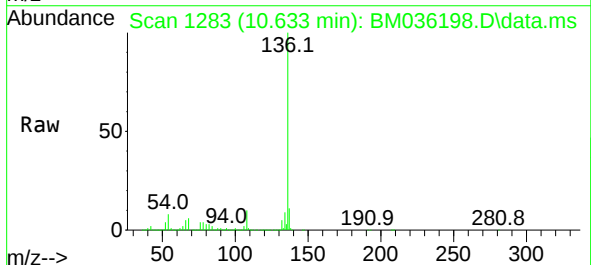
Instrument :
BNA_M
ClientSampleId :
MW-14R

Tgt Ion: 99 Resp: 987794
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 32.2 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: BM036198.D
Acq: 10 Aug 2022 18:46

Tgt Ion: 136 Resp: 1726064
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.7 7.0 10.4
68 5.9 4.3 6.5

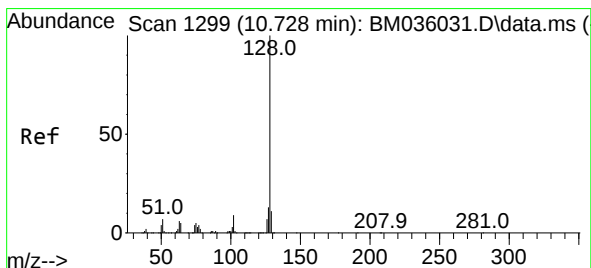
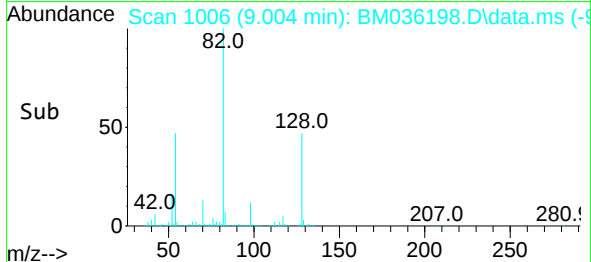
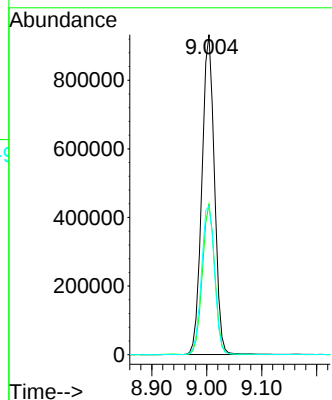
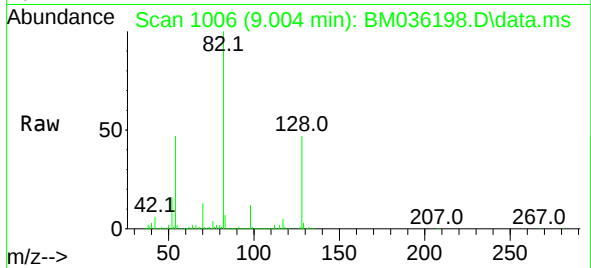




#23
Nitrobenzene-d5
Concen: 48.098 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

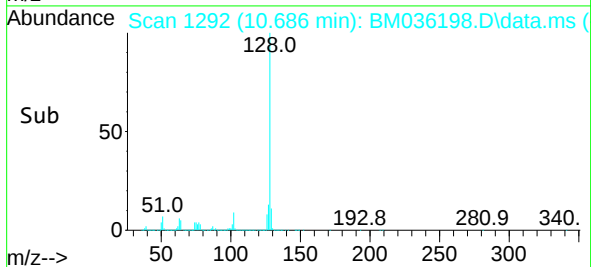
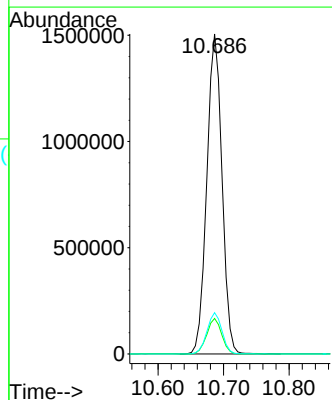
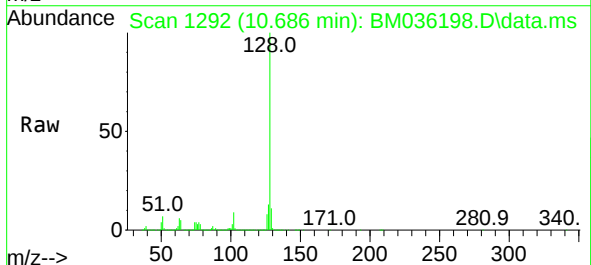
Instrument :
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ClientSampleId :
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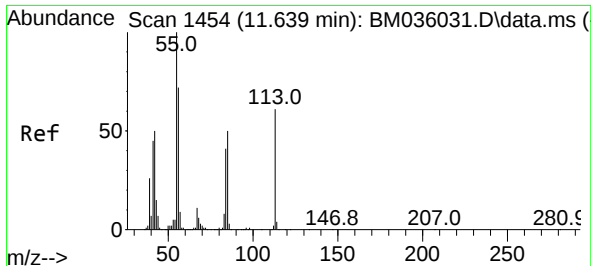
Tgt Ion: 82 Resp: 1483112
Ion Ratio Lower Upper
82 100
128 47.0 33.7 50.5
54 46.5 43.2 64.8



#31
Naphthalene
Concen: 28.279 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

Tgt Ion: 128 Resp: 2426742
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.6 16.0

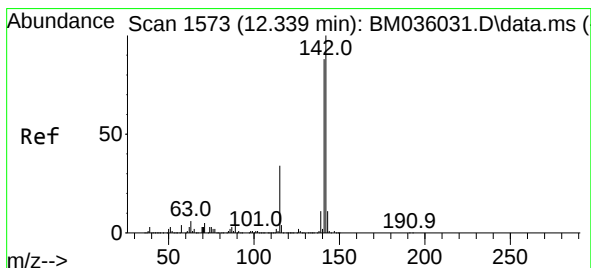
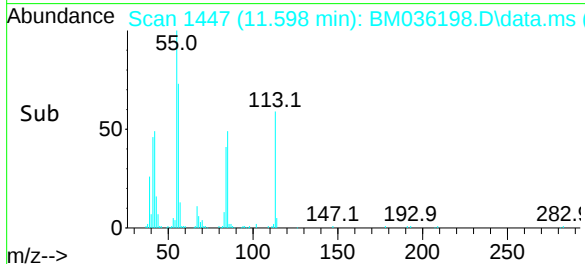
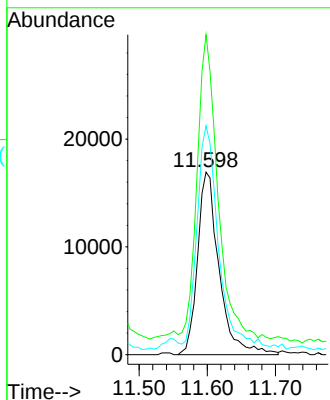
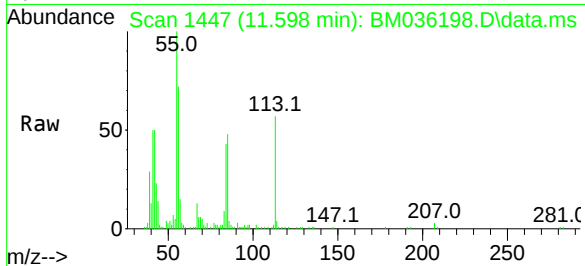




#35
 Caprolactam
 Concen: 5.083 ng
 RT: 11.598 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BM036198.D
 Acq: 10 Aug 2022 18:46

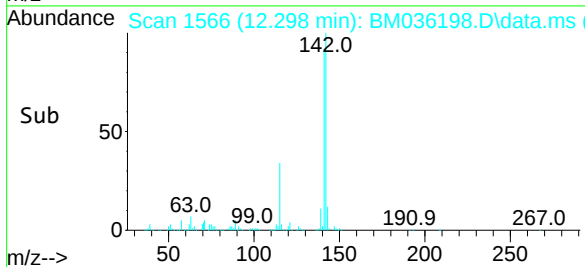
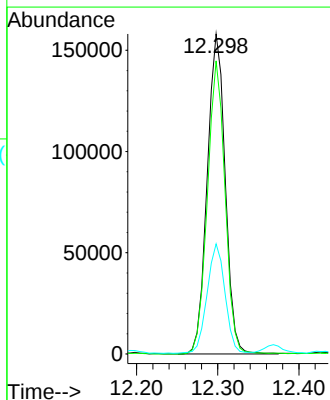
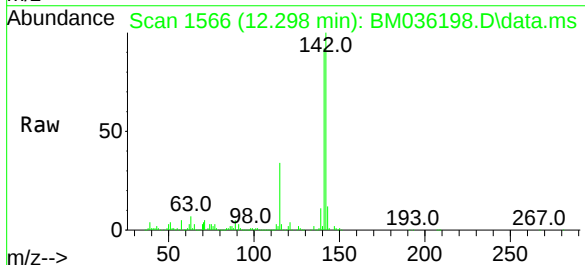
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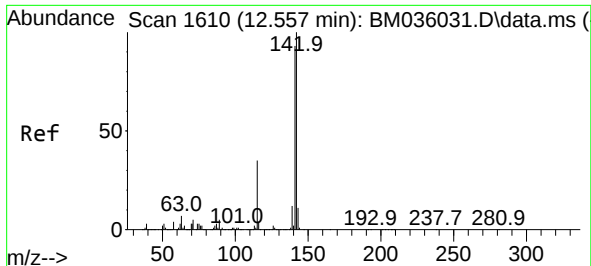
Tgt Ion:113 Resp: 37293
 Ion Ratio Lower Upper
 113 100
 55 175.3 150.1 190.1
 56 125.4 111.7 151.7



#37
 2-Methylnaphthalene
 Concen: 4.261 ng
 RT: 12.298 min Scan# 1566
 Delta R.T. -0.000 min
 Lab File: BM036198.D
 Acq: 10 Aug 2022 18:46

Tgt Ion:142 Resp: 243332
 Ion Ratio Lower Upper
 142 100
 141 91.6 72.4 108.6
 115 34.4 29.6 44.4

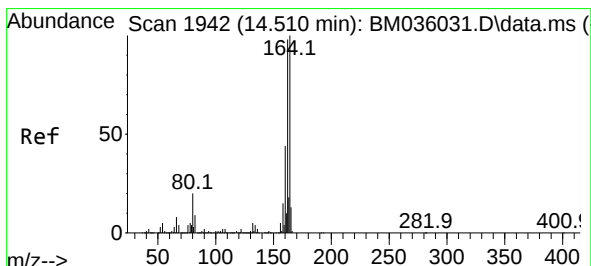
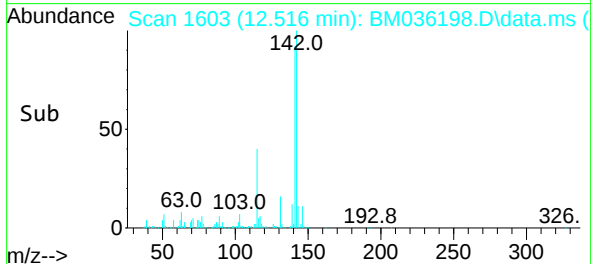
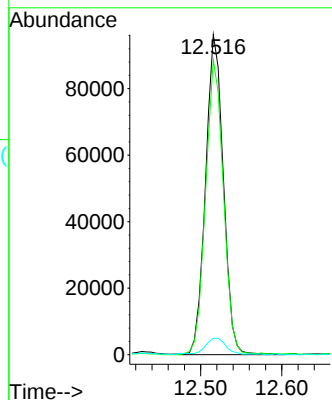
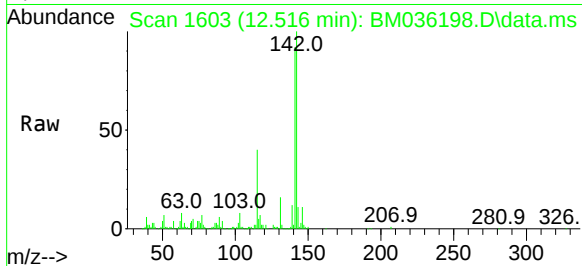




#38
1-Methylnaphthalene
Concen: 2.615 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

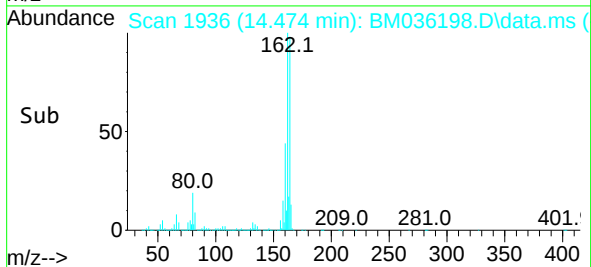
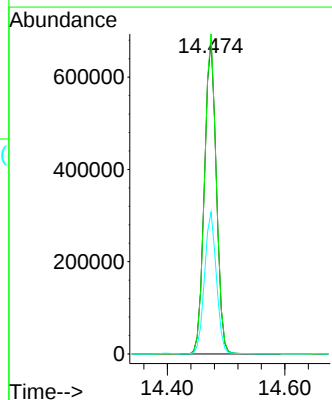
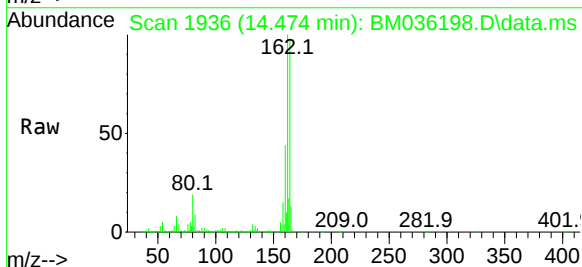
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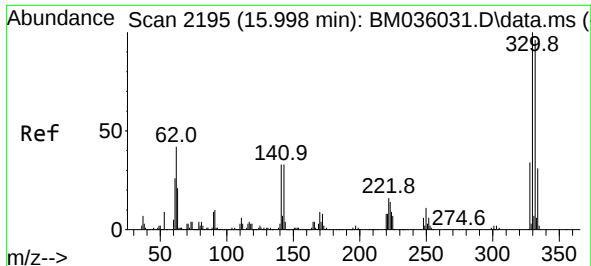
Tgt Ion:142 Resp: 146217
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.4
116 5.1 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

Tgt Ion:164 Resp: 958126
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.6
160 45.2 37.0 55.4

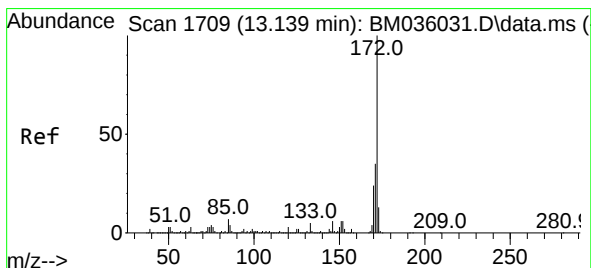
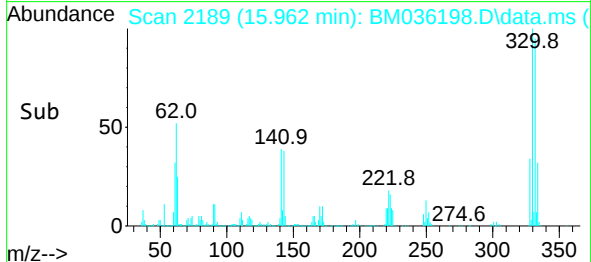
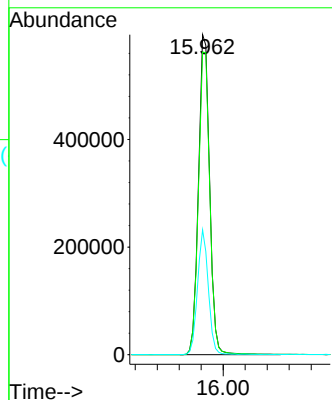
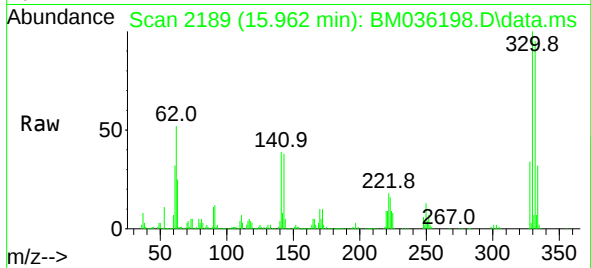




#42
2,4,6-Tribromophenol
Concen: 74.800 ng
RT: 15.962 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

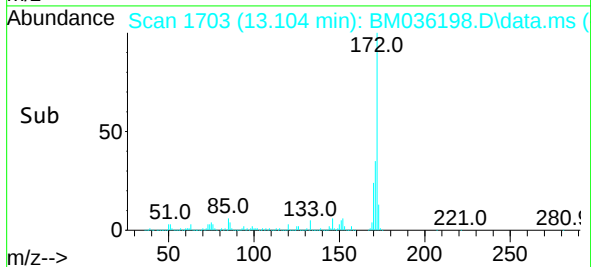
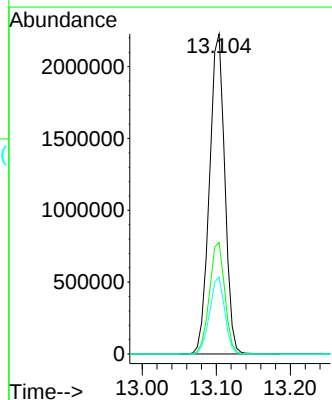
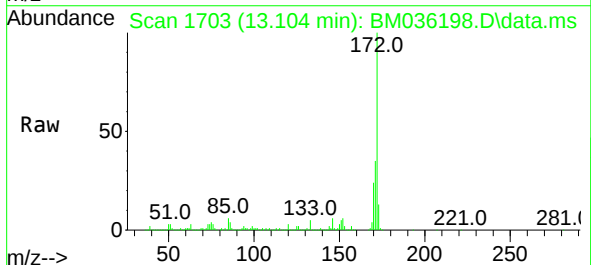
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MW-14R

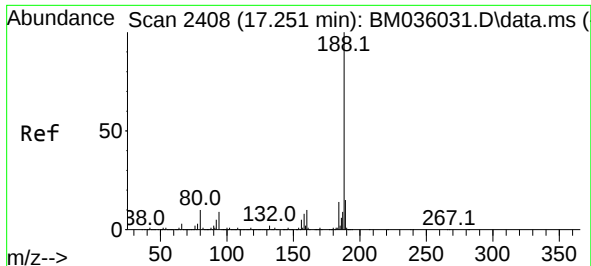
Tgt Ion:330 Resp: 840754
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 37.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 49.292 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

Tgt Ion:172 Resp: 3198668
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 24.0 18.7 28.1

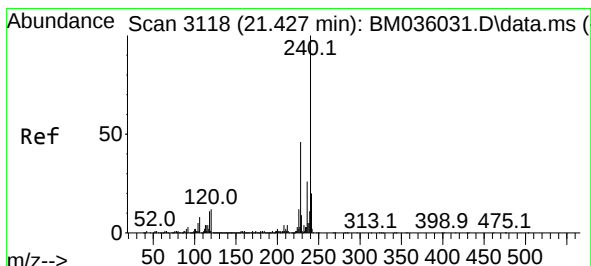
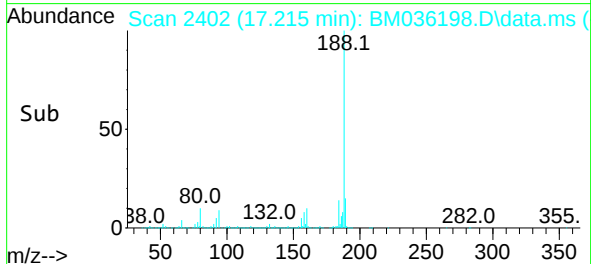
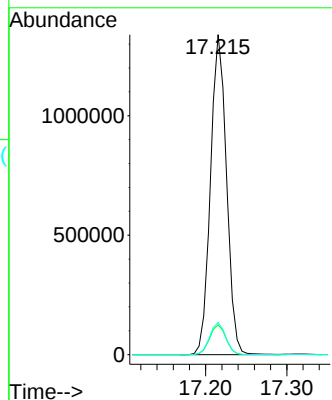
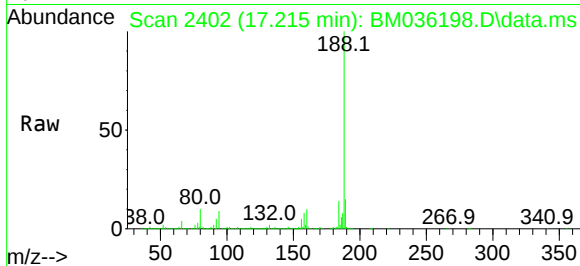




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

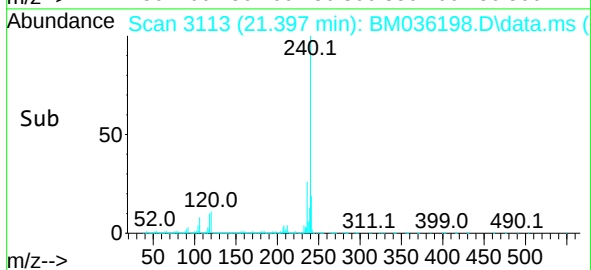
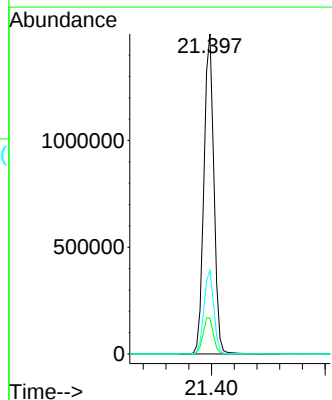
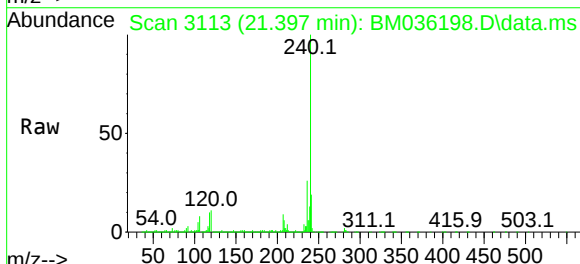
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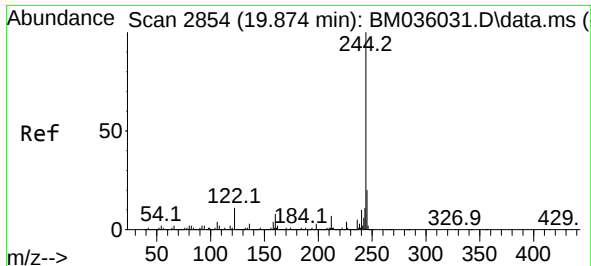
Tgt Ion:188 Resp: 1834220
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM036198.D
Acq: 10 Aug 2022 18:46

Tgt Ion:240 Resp: 1822273
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 26.1 20.6 30.8

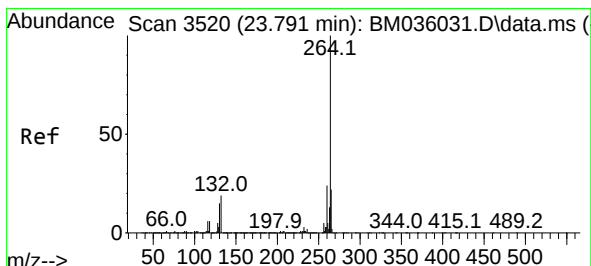
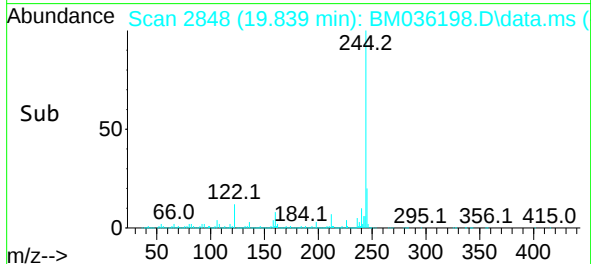
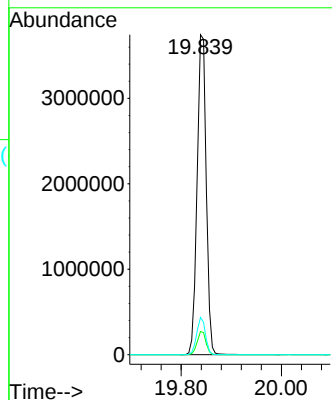
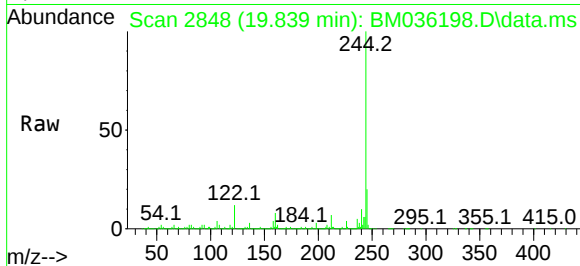




#79
 Terphenyl-d14
 Concen: 50.976 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036198.D
 Acq: 10 Aug 2022 18:46

Instrument :
 BNA_M
 ClientSampleId :
 MW-14R

Tgt Ion:244 Resp: 4709527
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 11.7 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: BM036198.D
 Acq: 10 Aug 2022 18:46

Tgt Ion:264 Resp: 1995925
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.0 17.5 26.3

