

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036191.D
 Acq On : 10 Aug 2022 14:25
 Operator : CG/JU
 Sample : N3971-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-9R

Quant Time: Aug 10 22:24:26 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)

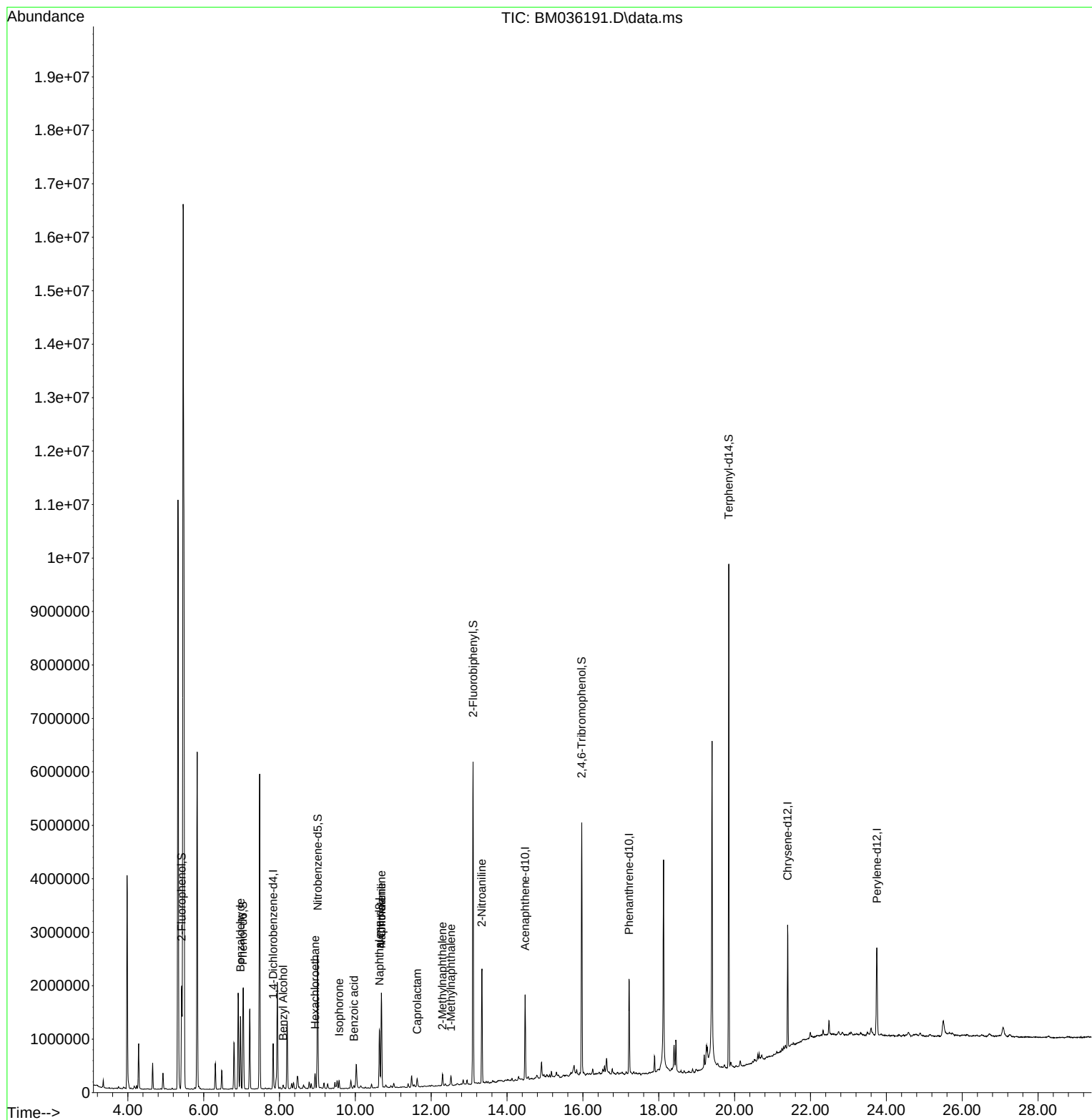
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	226019	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	926772	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	522422	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1032576	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1038252	20.000	ng	0.00
86) Perylene-d12	23.750	264	1141398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	828670	59.441	ng	0.00
7) Phenol-d6	7.034	99	627894	35.397	ng	0.00
23) Nitrobenzene-d5	9.004	82	1348043	81.422	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	835729	136.363	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2936568	82.994	ng	0.00
79) Terphenyl-d14	19.845	244	4194448	79.685	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.969	77	94426	10.055	ng	# 1
15) Benzyl Alcohol	8.098	79	26210	2.202	ng	95
18) Hexachloroethane	8.940	117	29254	4.838	ng	# 1
25) Isophorone	9.575	82	100552	3.733	ng	99
31) Naphthalene	10.687	128	1409246	30.585	ng	99
32) Benzoic acid	9.963	122	19573	2.171	ng	98
33) 4-Chloroaniline	10.687	127	182473	9.826	ng	# 31
35) Caprolactam	11.628	113	27811	7.060	ng	# 86
37) 2-Methylnaphthalene	12.298	142	95475	3.114	ng	98
38) 1-Methylnaphthalene	12.522	142	66881	2.227	ng	98
48) 2-Nitroaniline	13.333	65	54043	6.805	ng	# 15

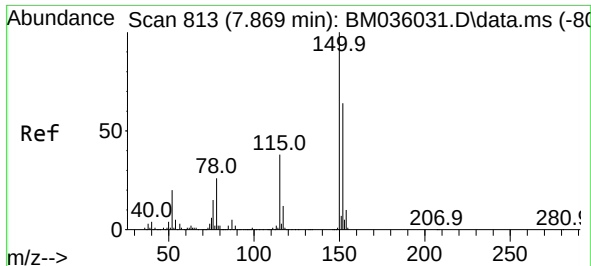
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
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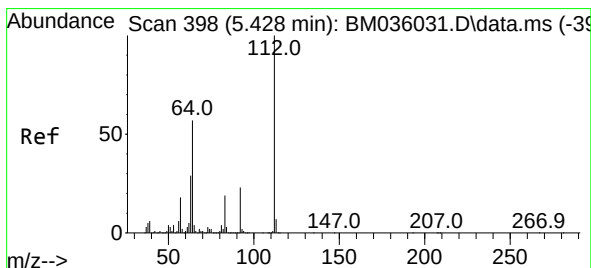
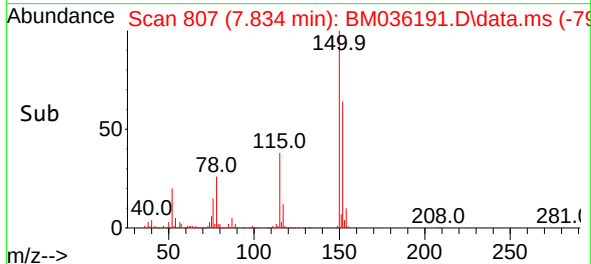
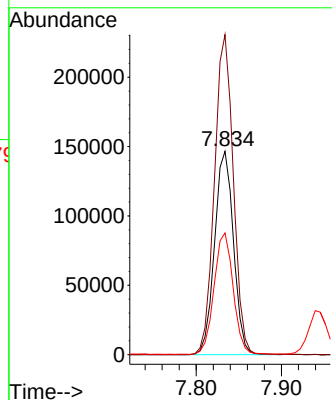
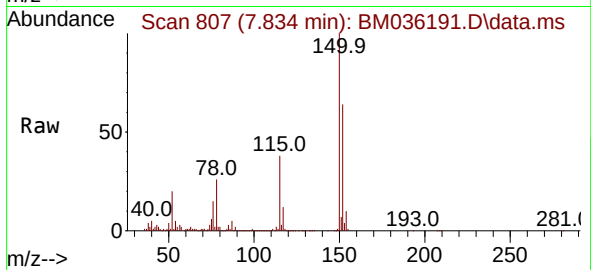




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

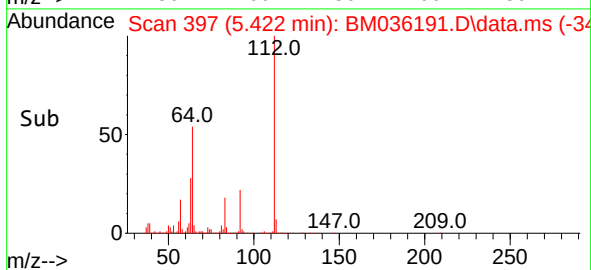
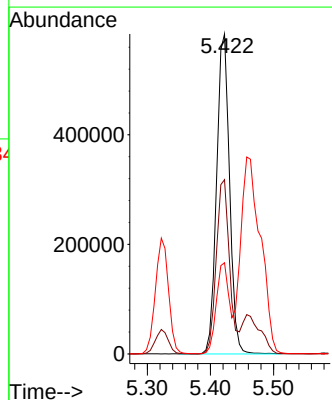
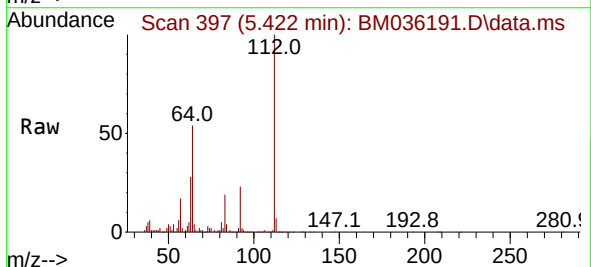
Instrument :
BNA_M
ClientSampleId :
MW-9R

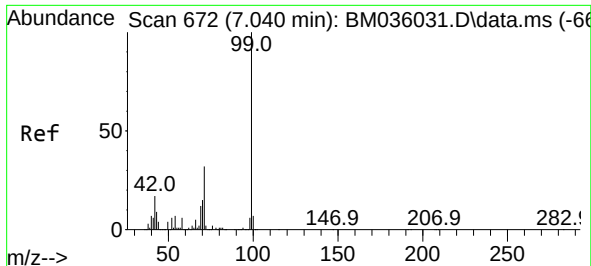
Tgt Ion:152 Resp: 226019
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 59.9 47.9 71.9



#5
2-Fluorophenol
Concen: 59.441 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:112 Resp: 828670
Ion Ratio Lower Upper
112 100
64 54.5 47.8 71.6
63 28.5 26.6 40.0

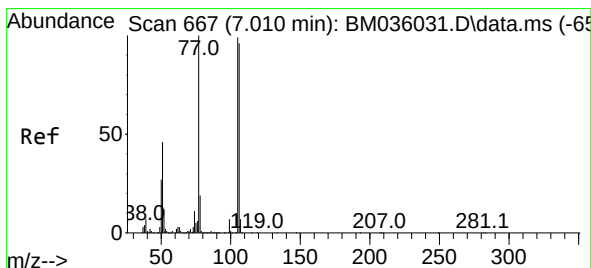
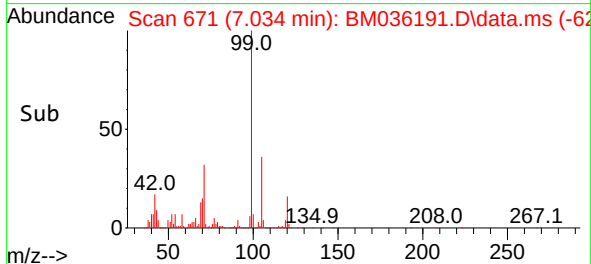
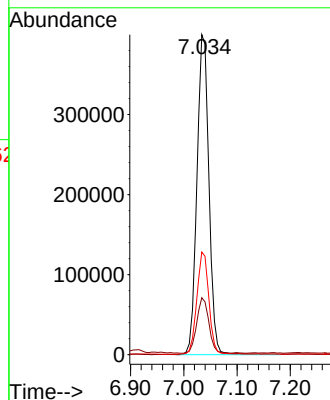
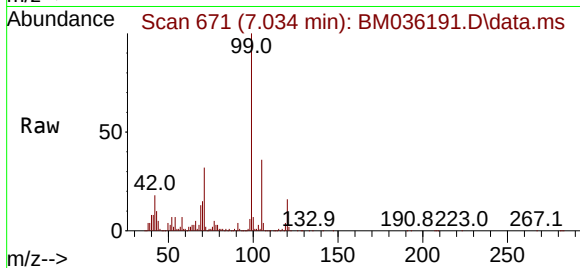




#7
Phenol-d6
Concen: 35.397 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

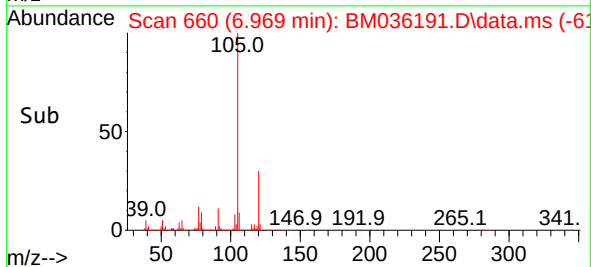
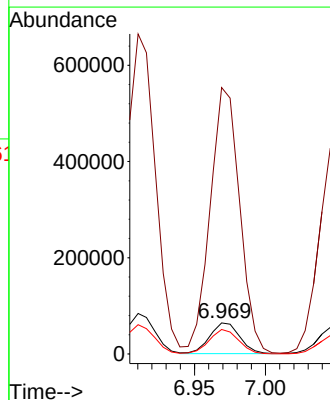
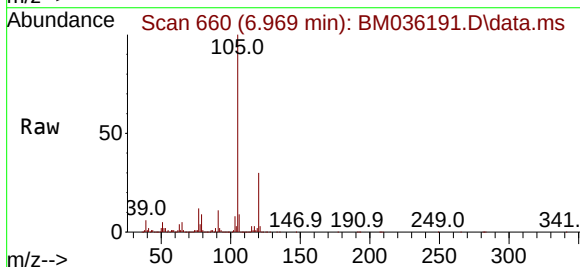
Instrument :
BNA_M
ClientSampleId :
MW-9R

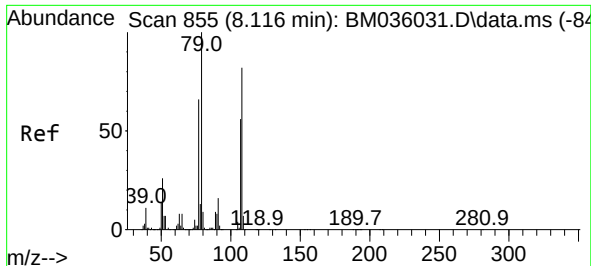
Tgt Ion: 99 Resp: 627894
Ion Ratio Lower Upper
99 100
42 17.8 18.8 28.2#
71 32.0 30.2 45.2



#9
Benzaldehyde
Concen: 10.055 ng
RT: 6.969 min Scan# 660
Delta R.T. -0.006 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 77 Resp: 94426
Ion Ratio Lower Upper
77 100
105 858.4 76.3 116.3#
106 78.9 69.0 109.0

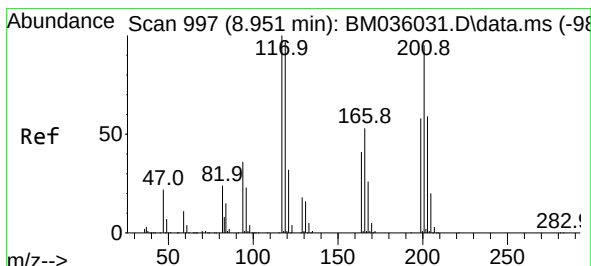
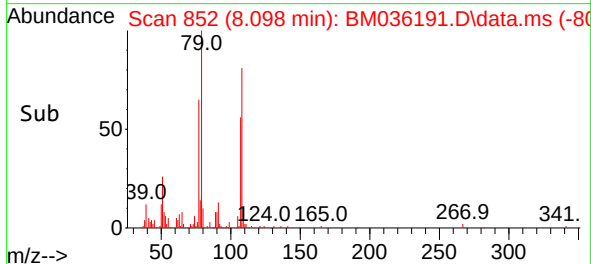
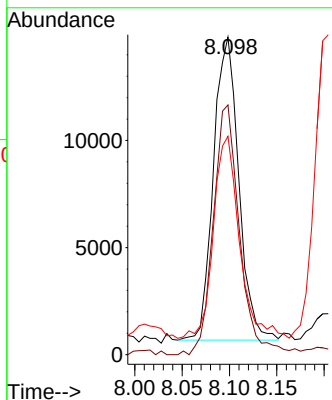
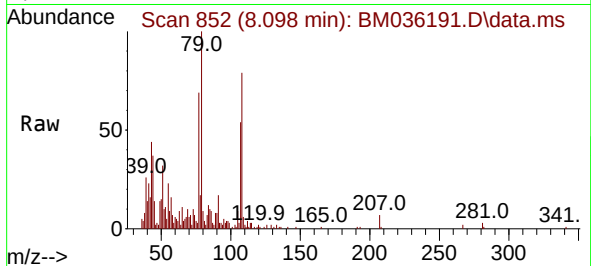




#15
Benzyl Alcohol
Concen: 2.202 ng
RT: 8.098 min Scan# 811
Delta R.T. 0.006 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

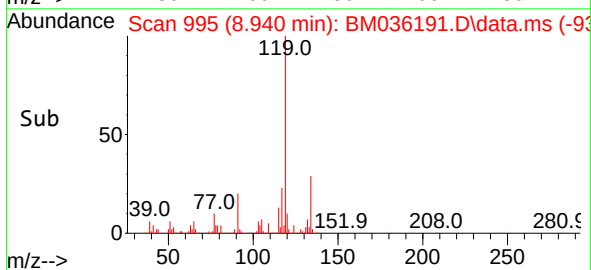
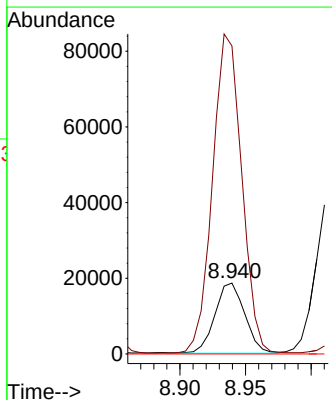
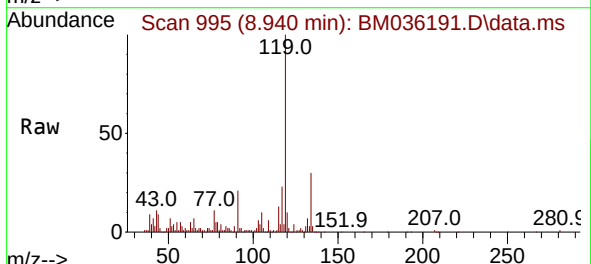
Instrument :
BNA_M
ClientSampleId :
MW-9R

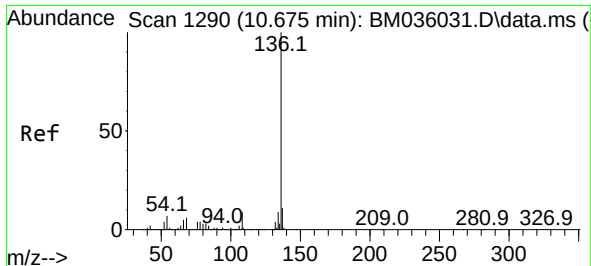
Tgt Ion: 79 Resp: 26210
Ion Ratio Lower Upper
79 100
108 78.6 59.0 88.4
77 68.8 52.2 78.4



#18
Hexachloroethane
Concen: 4.838 ng
RT: 8.940 min Scan# 995
Delta R.T. 0.030 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 117 Resp: 29254
Ion Ratio Lower Upper
117 100
119 434.6 75.8 113.6#
201 0.0 81.0 121.4#



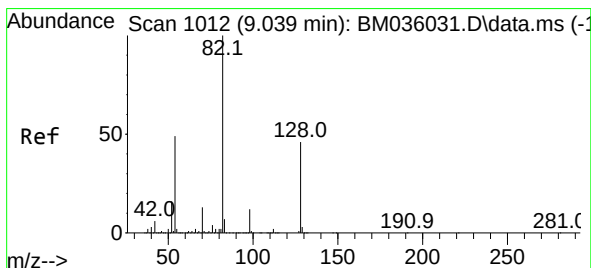
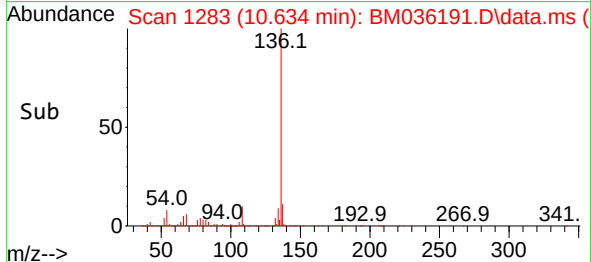
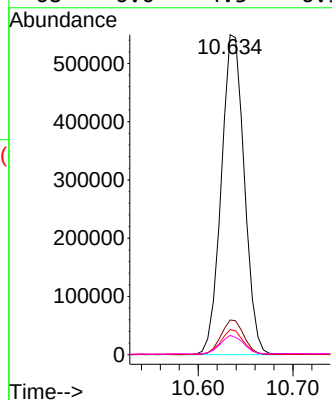
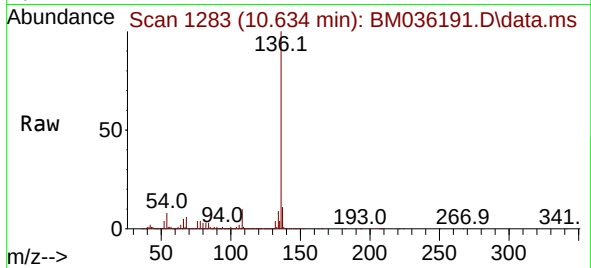


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Instrument :
BNA_M
ClientSampleId :
MW-9R

Tgt Ion: 136 Resp: 926772

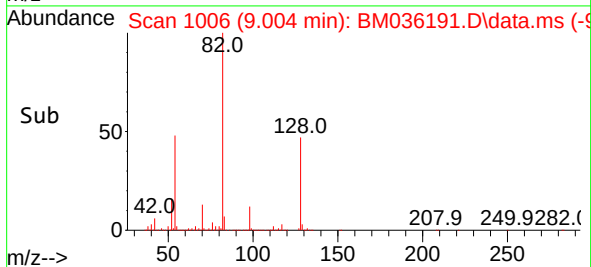
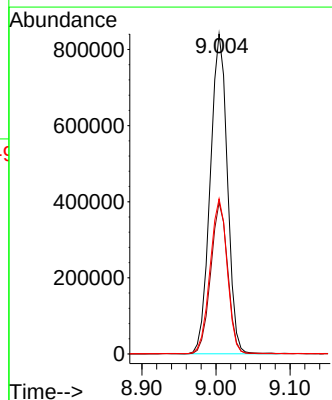
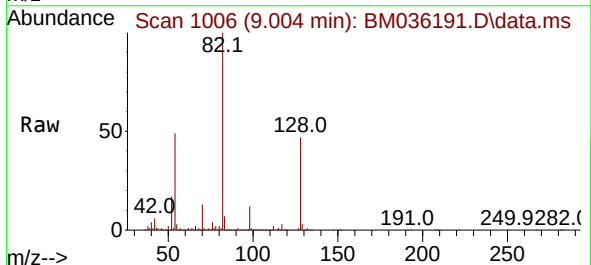
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.8	7.0	10.4
68	6.0	4.3	6.5

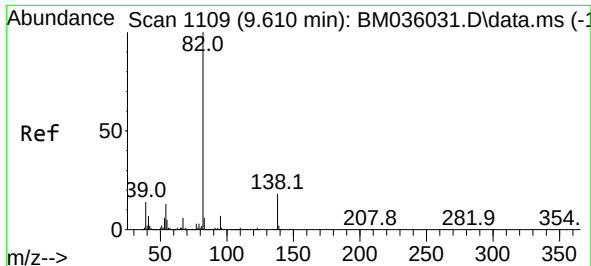


#23
Nitrobenzene-d5
Concen: 81.422 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 82 Resp: 1348043

Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.7	50.5
54	48.5	43.2	64.8

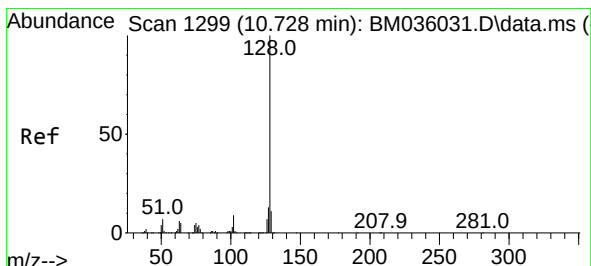
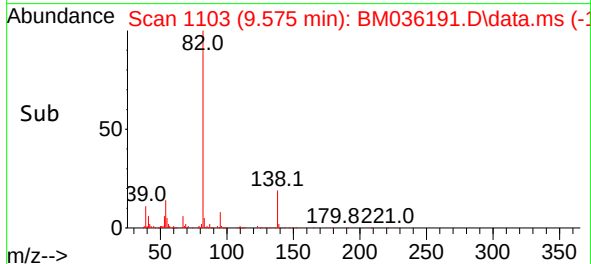
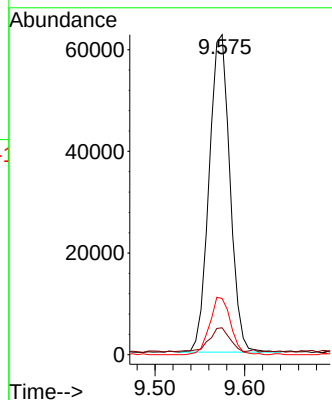
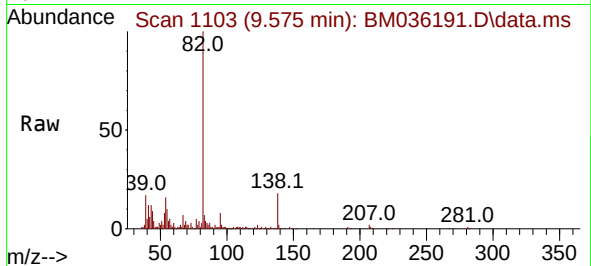




#25
Isophorone
Concen: 3.733 ng
RT: 9.575 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

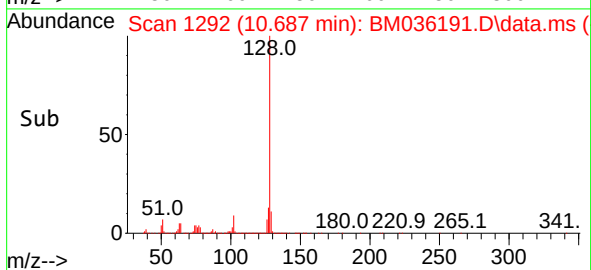
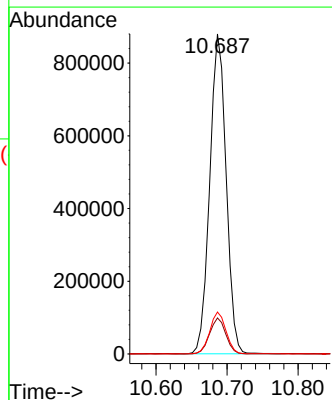
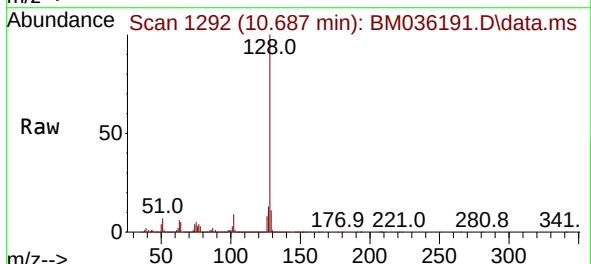
Instrument :
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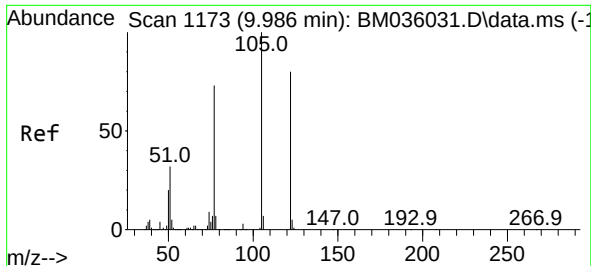
Tgt Ion: 82 Resp: 100552
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 17.5 14.2 21.4



#31
Naphthalene
Concen: 30.585 ng
RT: 10.687 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 128 Resp: 1409246
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.6 16.0

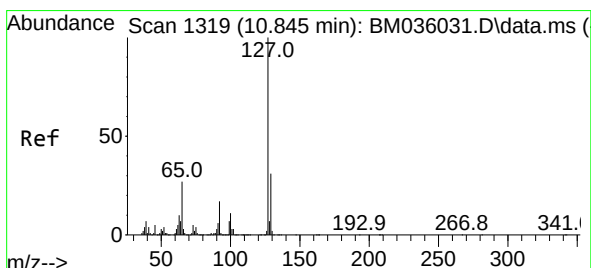
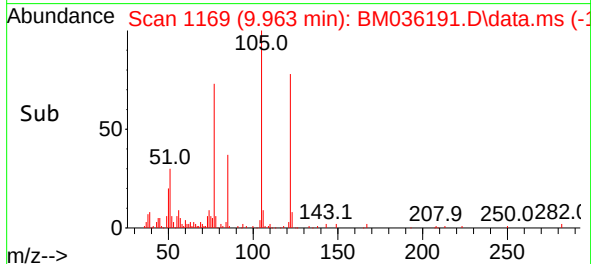
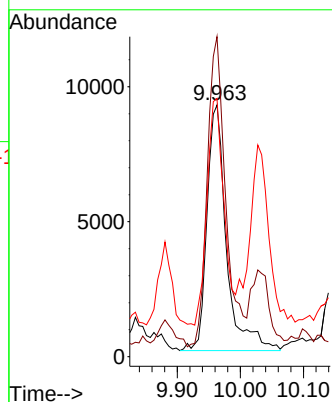
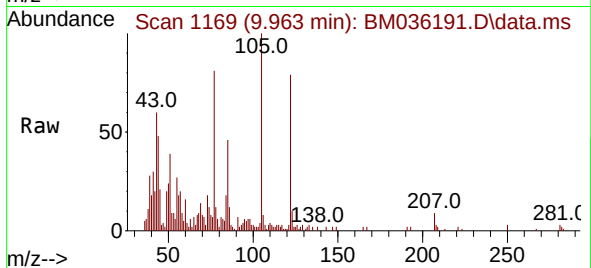




#32
Benzoic acid
Concen: 2.171 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.029 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

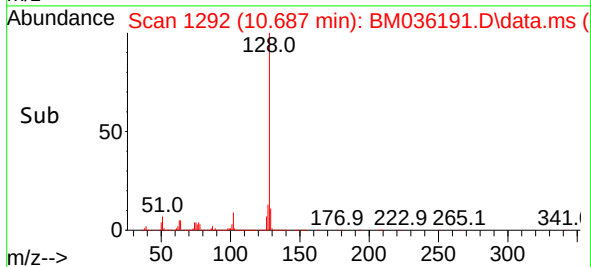
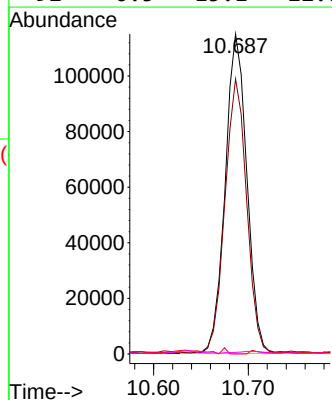
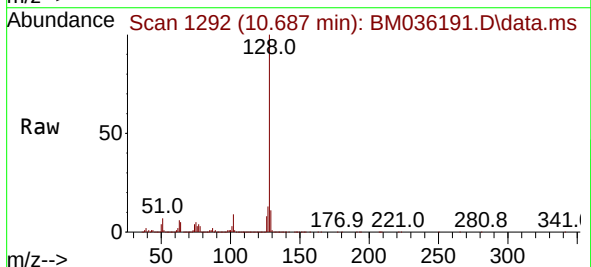
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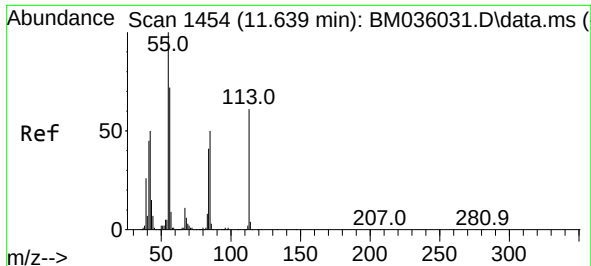
Tgt Ion:122 Resp: 19573
Ion Ratio Lower Upper
122 100
105 127.2 105.7 145.7
77 102.6 80.0 120.0



#33
4-Chloroaniline
Concen: 9.826 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.123 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:127 Resp: 182473
Ion Ratio Lower Upper
127 100
129 86.0 25.7 38.5#
65 0.0 26.6 40.0#
92 0.5 15.1 22.7#

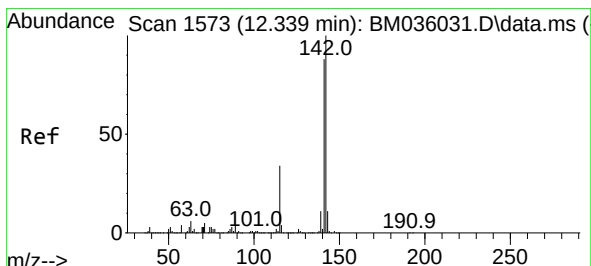
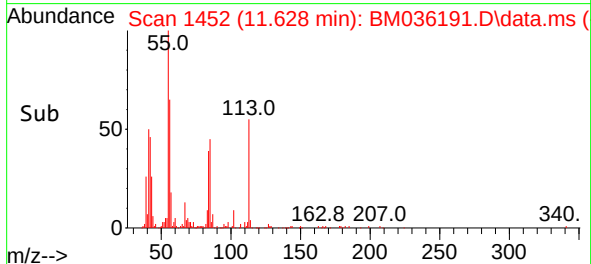
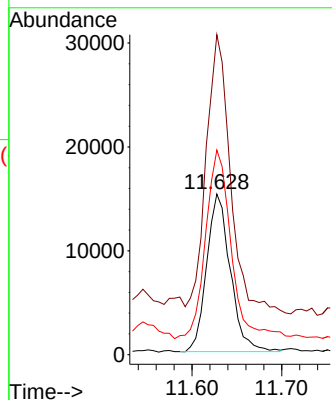
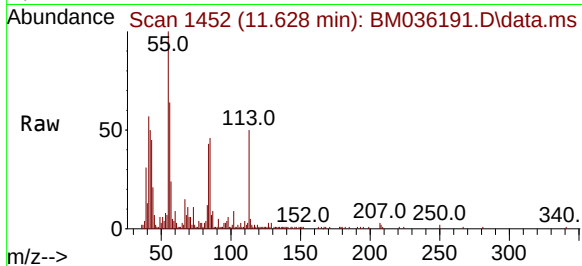




#35
Caprolactam
Concen: 7.060 ng
RT: 11.628 min Scan# 1454
Delta R.T. 0.018 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

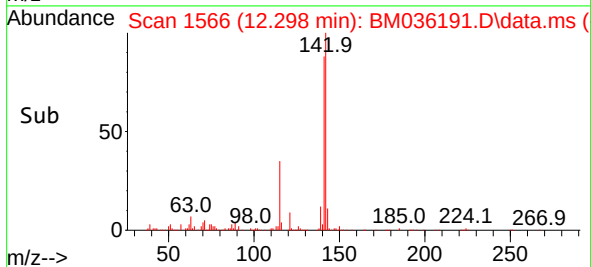
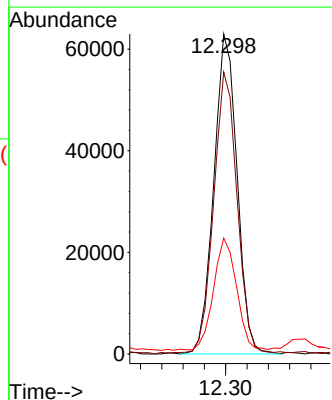
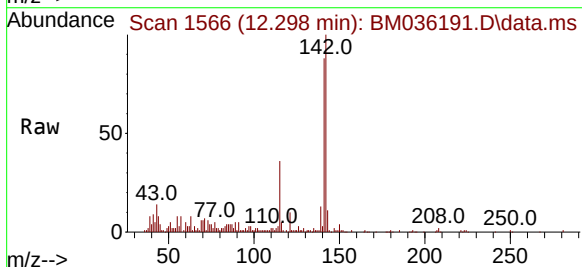
Instrument :
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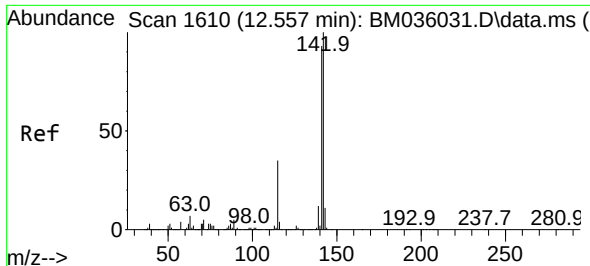
Tgt Ion:113 Resp: 27811
Ion Ratio Lower Upper
113 100
55 199.3 150.1 190.1#
56 127.4 111.7 151.7



#37
2-Methylnaphthalene
Concen: 3.114 ng
RT: 12.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:142 Resp: 95475
Ion Ratio Lower Upper
142 100
141 88.1 72.4 108.6
115 36.2 29.6 44.4

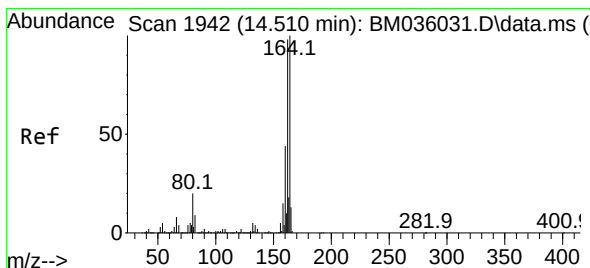
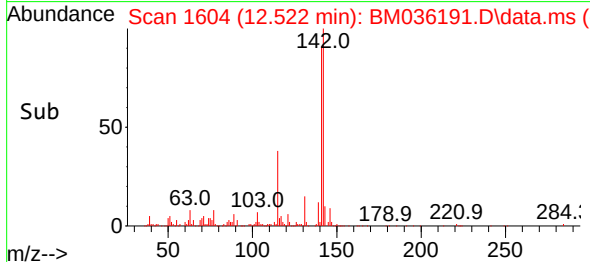
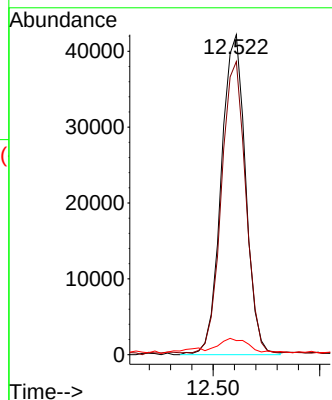
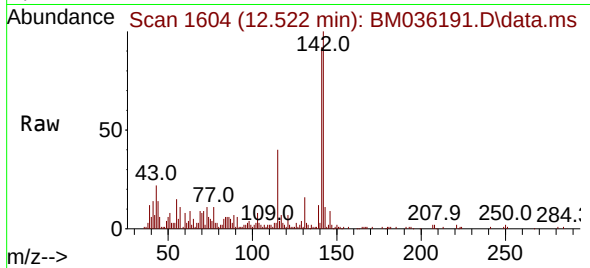




#38
1-Methylnaphthalene
Concen: 2.227 ng
RT: 12.522 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

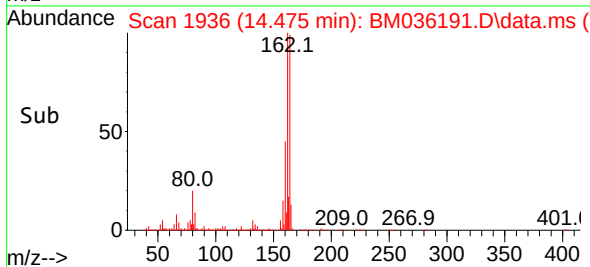
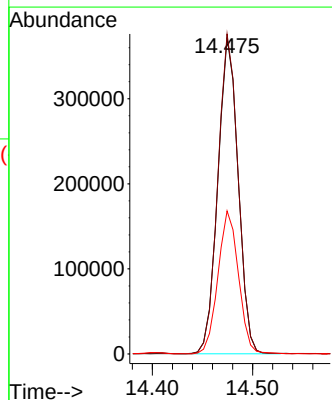
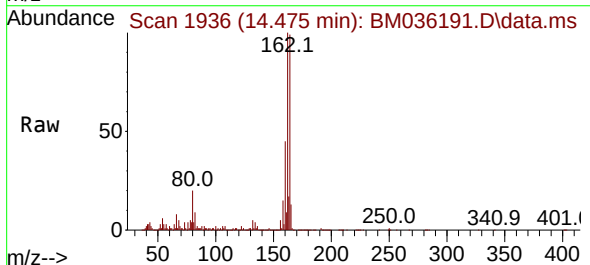
Instrument :
BNA_M
ClientSampleId :
MW-9R

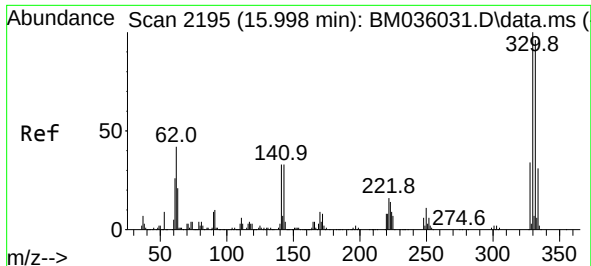
Tgt Ion:142 Resp: 66881
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4
116 4.4 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:164 Resp: 522422
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 45.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 136.363 ng

RT: 15.969 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036191.D

Acq: 10 Aug 2022 14:25

Instrument :

BNA_M

ClientSampleId :

MW-9R

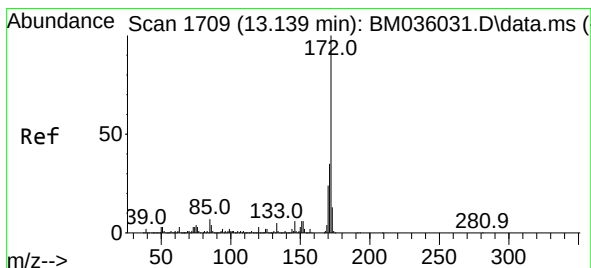
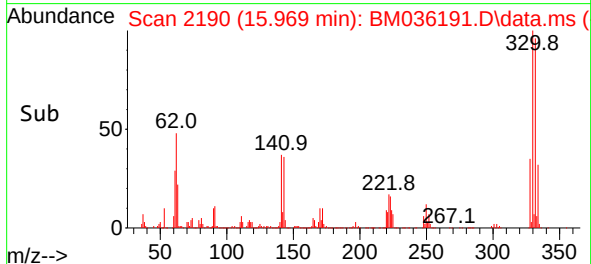
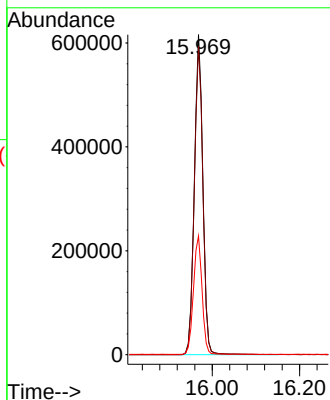
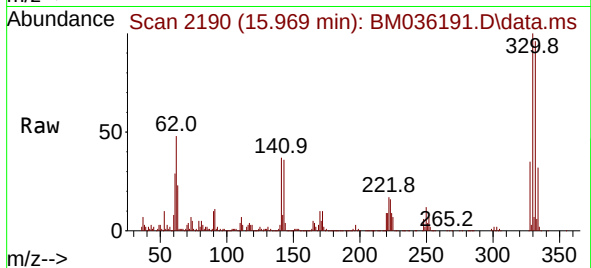
Tgt Ion:330 Resp: 835729

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 37.3 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 82.994 ng

RT: 13.104 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BM036191.D

Acq: 10 Aug 2022 14:25

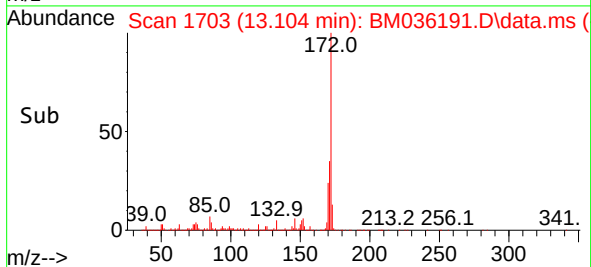
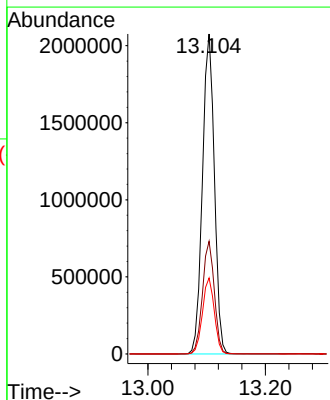
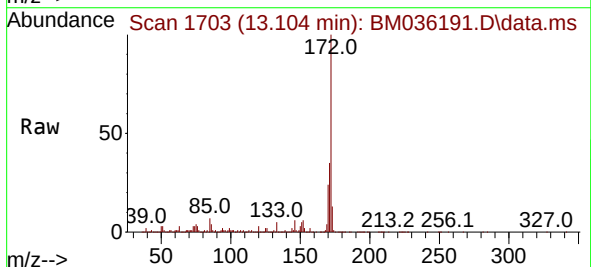
Tgt Ion:172 Resp: 2936568

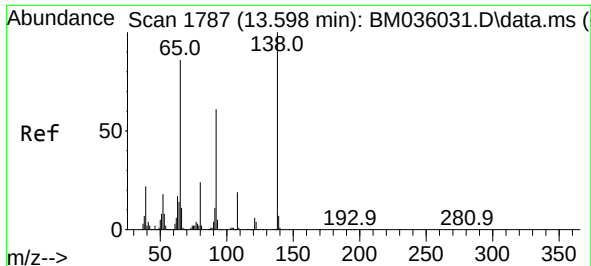
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.7 18.7 28.1

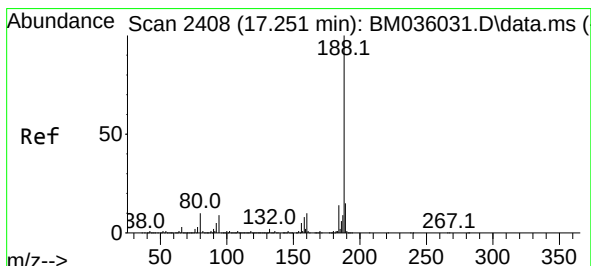
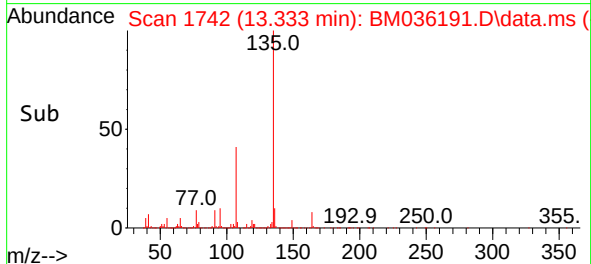
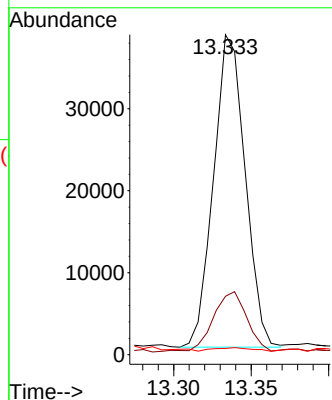
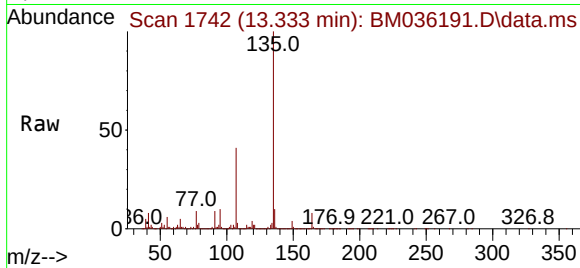




#48
2-Nitroaniline
Concen: 6.805 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.241 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

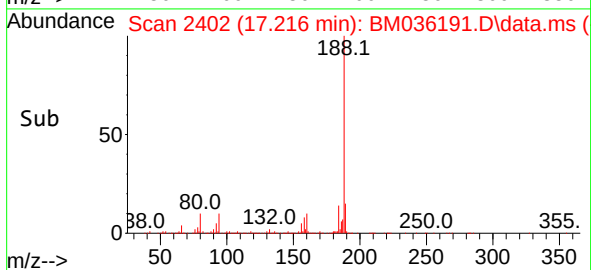
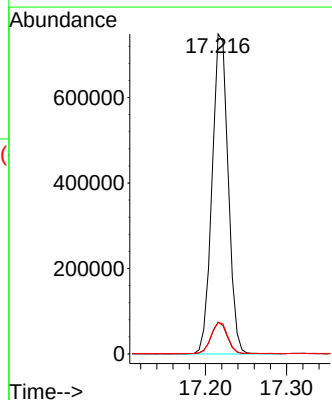
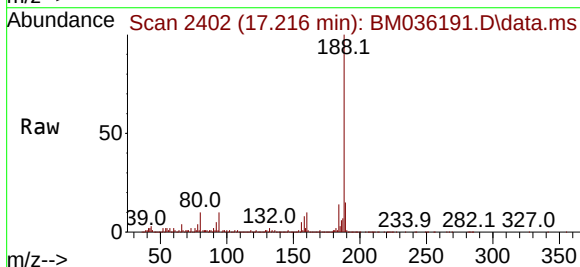
Instrument :
BNA_M
ClientSampleId :
MW-9R

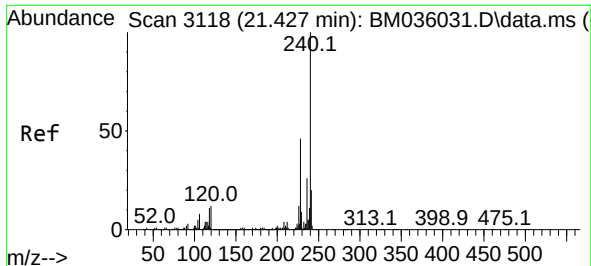
Tgt Ion: 65 Resp: 54043
Ion Ratio Lower Upper
65 100
92 18.2 53.7 80.5#
138 2.0 83.9 125.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:188 Resp: 1032576
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 9.9 7.6 11.4

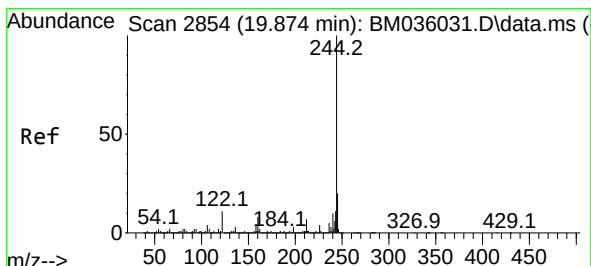
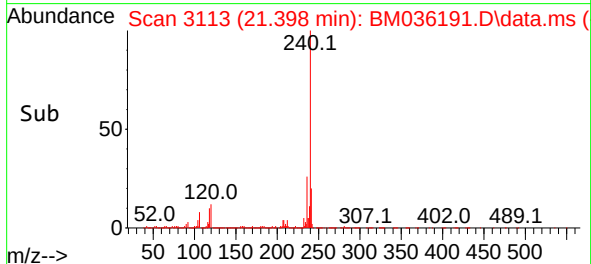
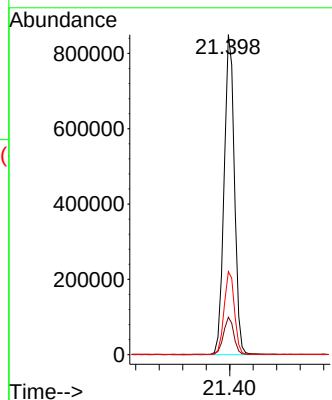
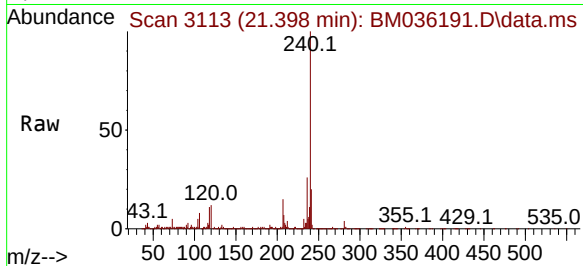




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

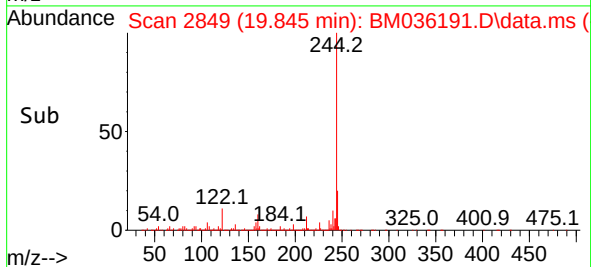
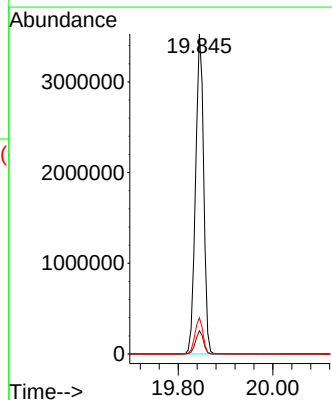
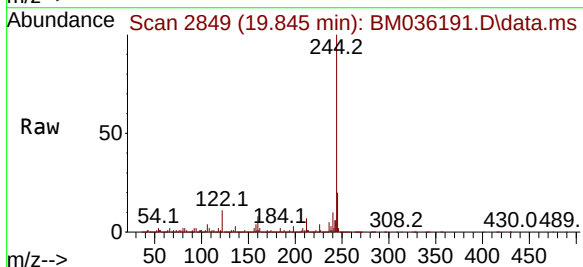
Instrument :
BNA_M
ClientSampleId :
MW-9R

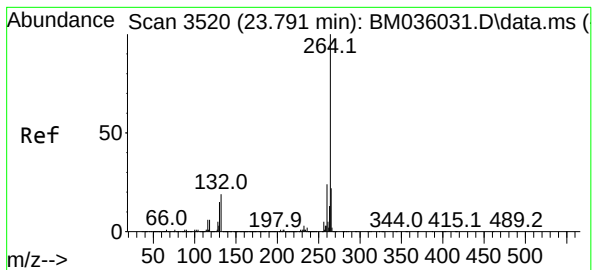
Tgt Ion:240 Resp: 1038252
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 79.685 ng
RT: 19.845 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:244 Resp: 4194448
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 11.3 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.750 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Instrument :
BNA_M
ClientSampleId :
MW-9R

Tgt Ion:264 Resp: 1141398

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.3	17.5	26.3

