

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036200.D
 Acq On : 10 Aug 2022 20:00
 Operator : CG/JU
 Sample : N3971-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-16SR

Quant Time: Aug 10 22:28:22 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)

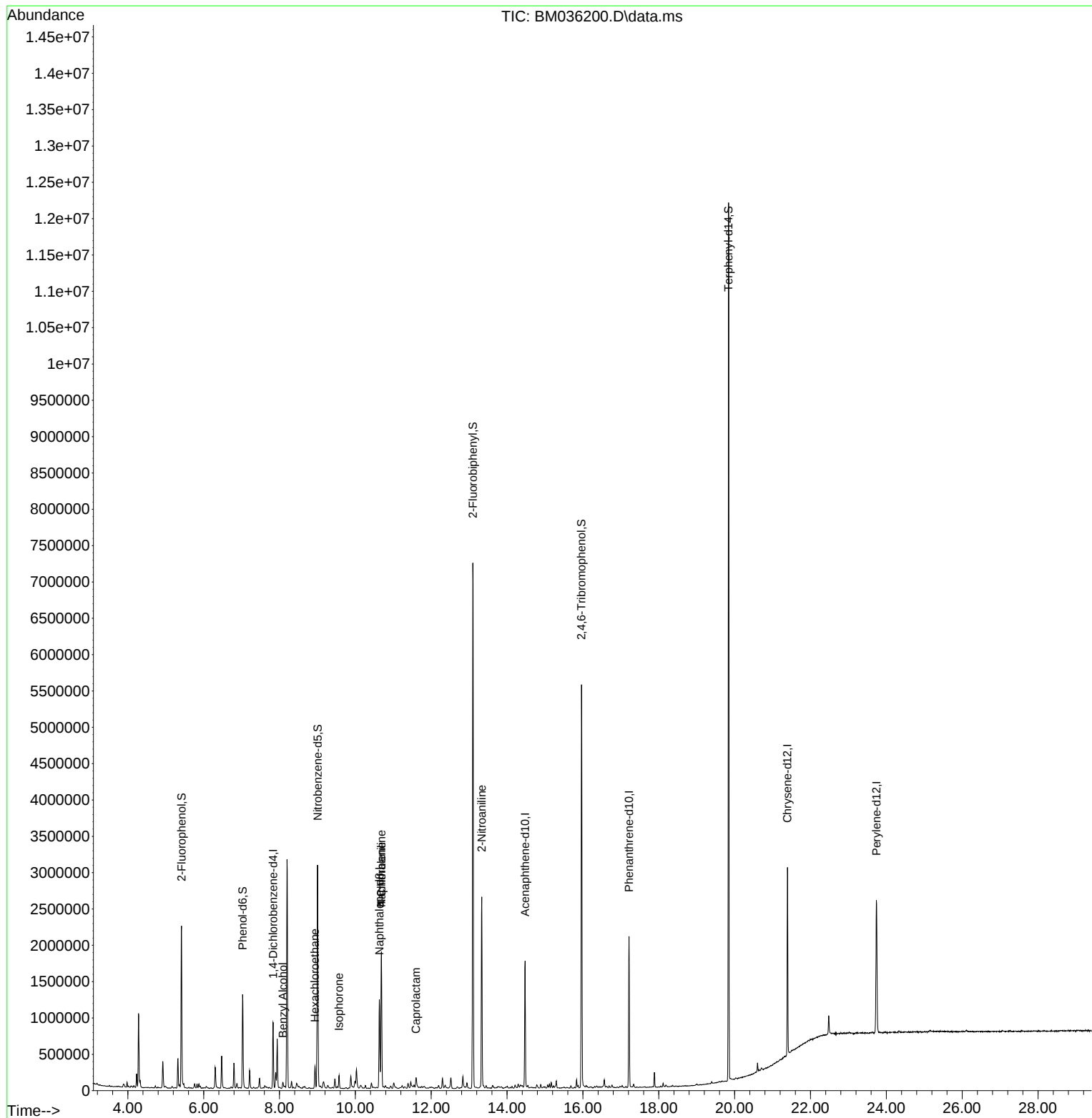
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	247459	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	1018033	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	580863	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1197558	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1216048	20.000	ng	0.00
86) Perylene-d12	23.738	264	1297727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	985644	64.576	ng	0.00
7) Phenol-d6	7.028	99	737714	37.984	ng	0.00
23) Nitrobenzene-d5	9.004	82	1650572	90.757	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	988963	145.131	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3578109	90.951	ng	0.00
79) Terphenyl-d14	19.839	244	5521800	89.564	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.087	79	33353	2.559	ng	95
18) Hexachloroethane	8.934	117	37960	5.734	ng	# 1
25) Isophorone	9.569	82	119716	4.046	ng	99
31) Naphthalene	10.686	128	1534531	30.318	ng	99
33) 4-Chloroaniline	10.686	127	196626	9.639	ng	# 33
35) Caprolactam	11.598	113	32146	7.429	ng	97
48) 2-Nitroaniline	13.333	65	66071	7.483	ng	# 15

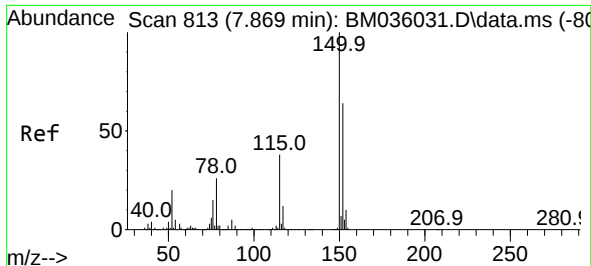
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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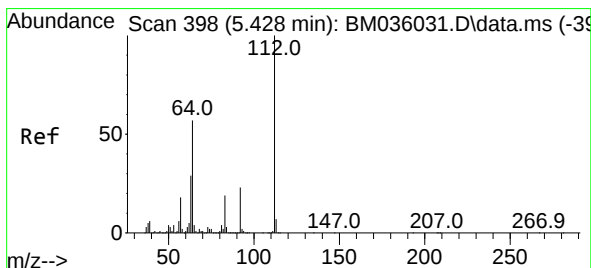
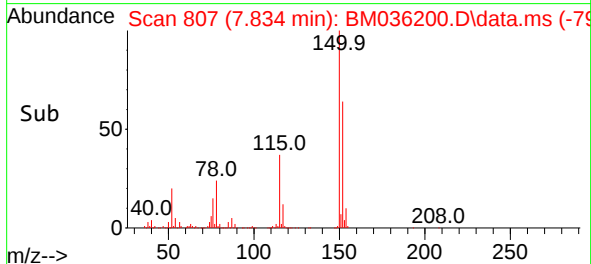
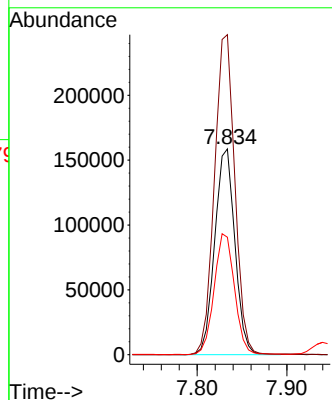
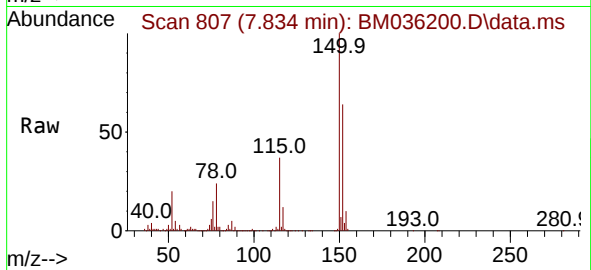




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

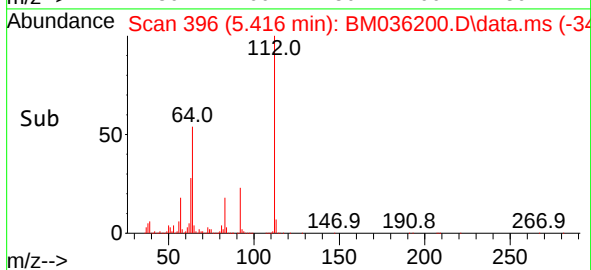
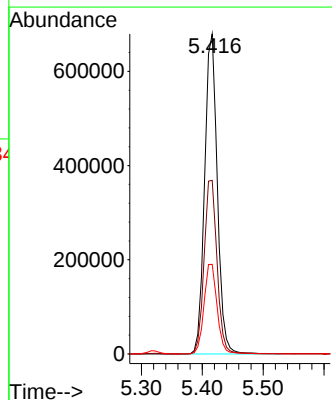
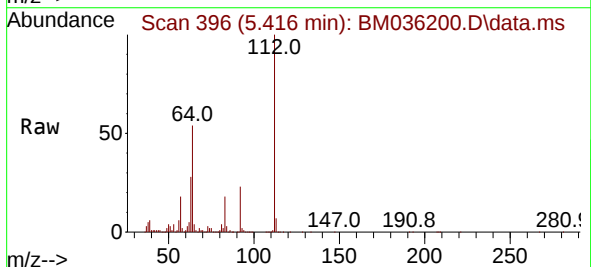
Instrument :
BNA_M
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MW-16SR

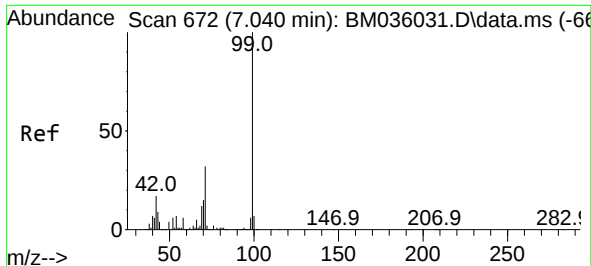
Tgt Ion:152 Resp: 247459
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 57.1 47.9 71.9



#5
2-Fluorophenol
Concen: 64.576 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:112 Resp: 985644
Ion Ratio Lower Upper
112 100
64 54.2 47.8 71.6
63 28.0 26.6 40.0

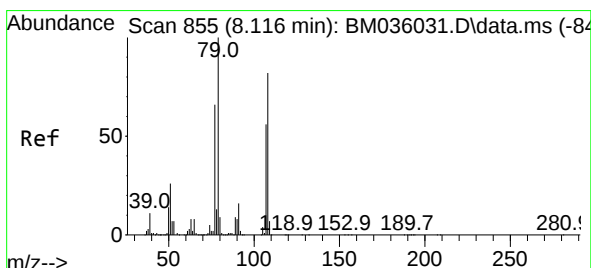
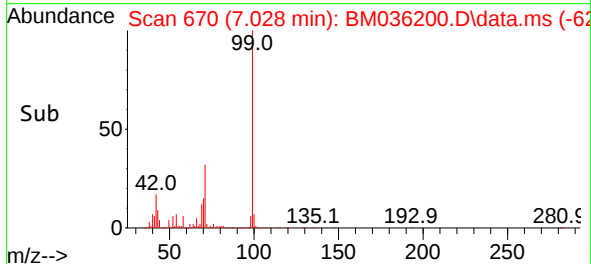
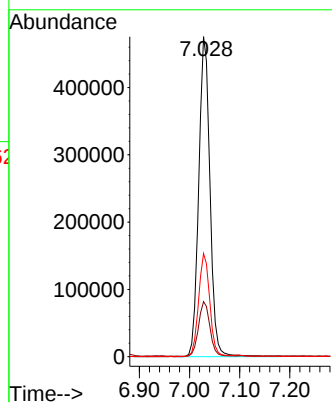
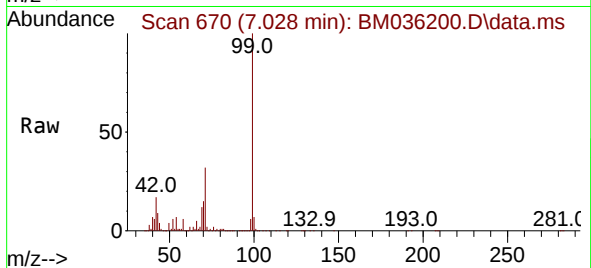




#7
Phenol-d6
Concen: 37.984 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

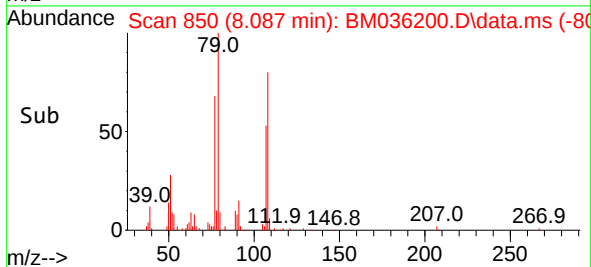
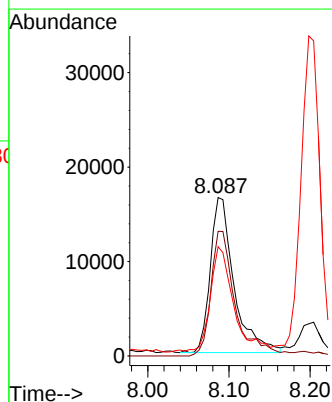
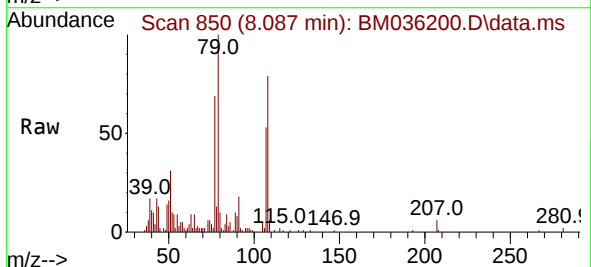
Instrument :
BNA_M
ClientSampleId :
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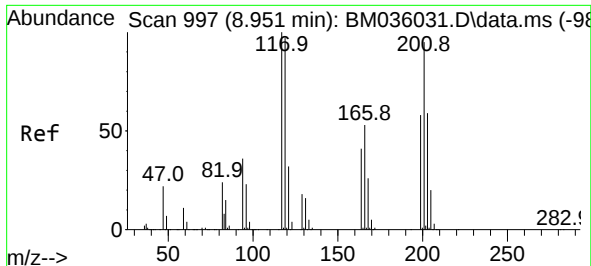
Tgt Ion: 99 Resp: 737714
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 32.2 30.2 45.2



#15
Benzyl Alcohol
Concen: 2.559 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion: 79 Resp: 33353
Ion Ratio Lower Upper
79 100
108 78.7 59.0 88.4
77 69.0 52.2 78.4

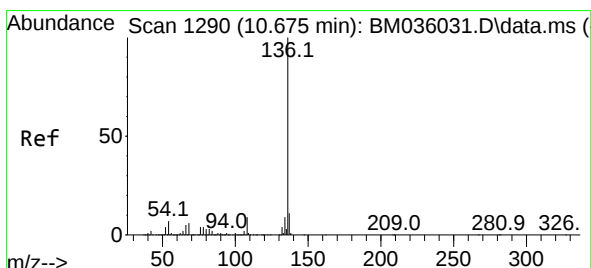
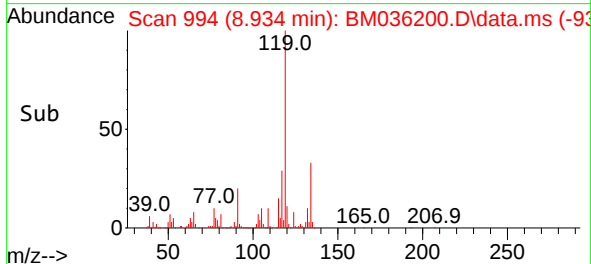
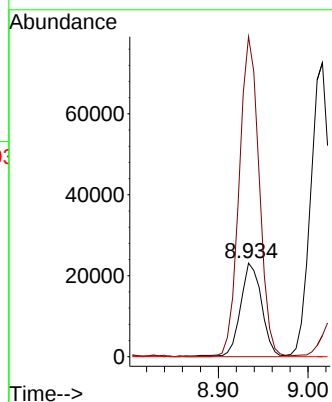
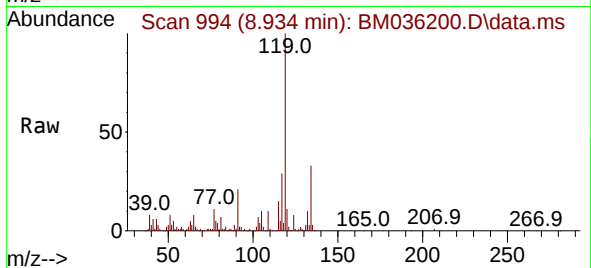




#18
Hexachloroethane
Concen: 5.734 ng
RT: 8.934 min Scan# 997
Delta R.T. 0.024 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

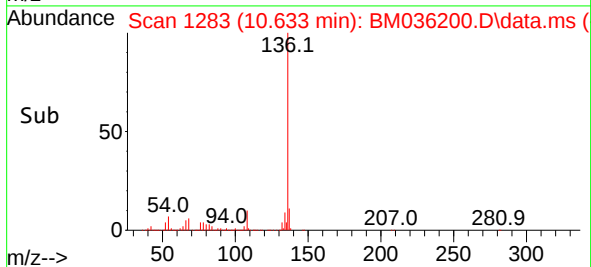
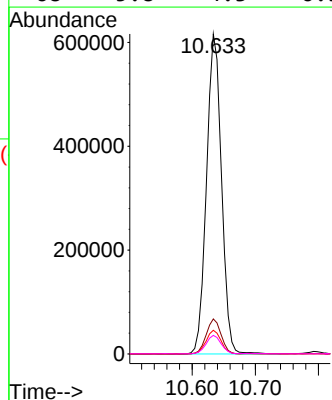
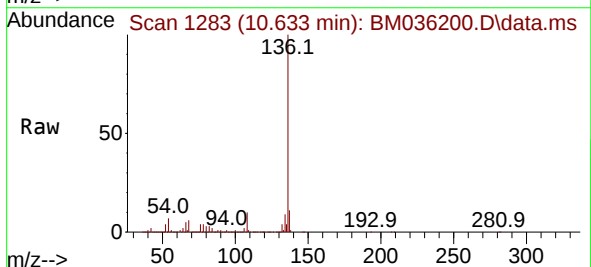
Instrument :
BNA_M
ClientSampleId :
MW-16SR

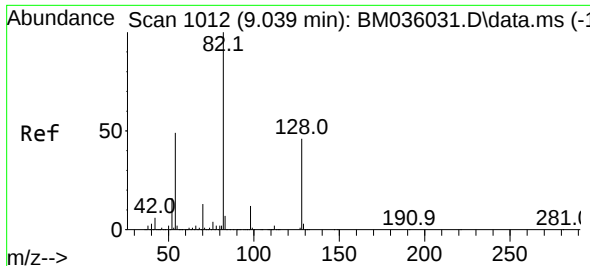
Tgt Ion:117 Resp: 37960
Ion Ratio Lower Upper
117 100
119 342.0 75.8 113.6#
201 0.0 81.0 121.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:136 Resp: 1018033
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 7.0 10.4
68 5.8 4.3 6.5

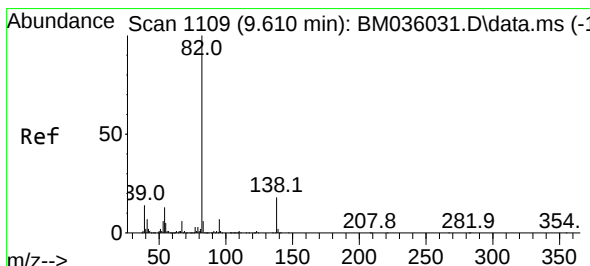
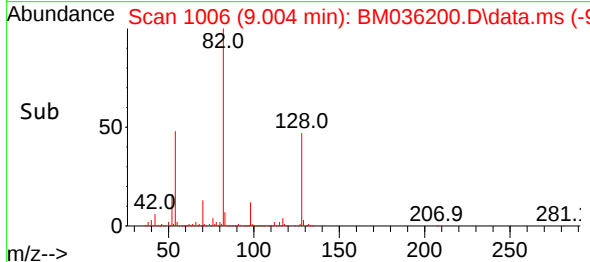
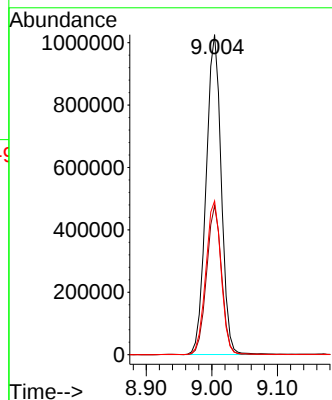
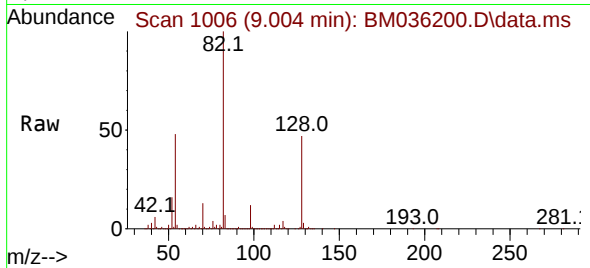




#23
Nitrobenzene-d5
Concen: 90.757 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

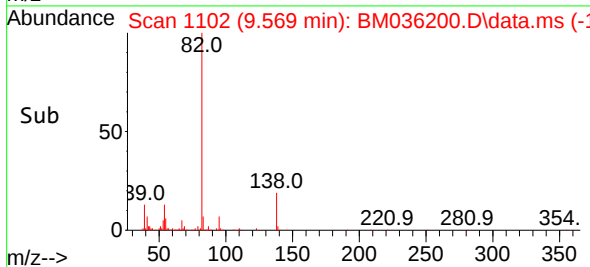
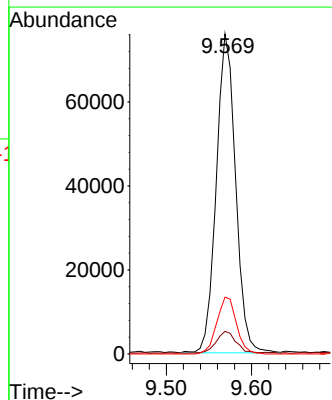
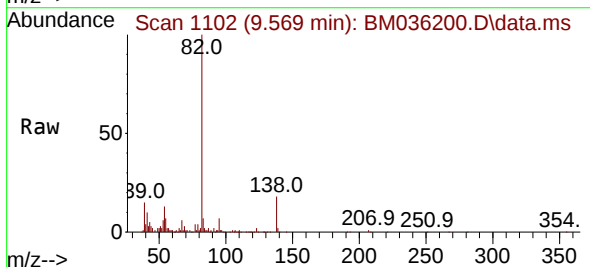
Instrument :
BNA_M
ClientSampleId :
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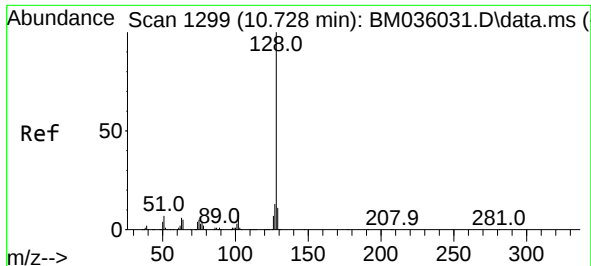
Tgt Ion: 82 Resp: 1650572
Ion Ratio Lower Upper
82 100
128 46.6 33.7 50.5
54 48.0 43.2 64.8



#25
Isophorone
Concen: 4.046 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion: 82 Resp: 119716
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 17.8 14.2 21.4

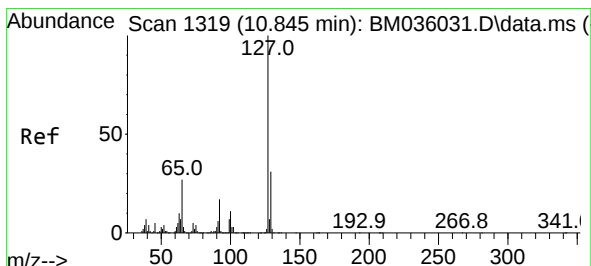
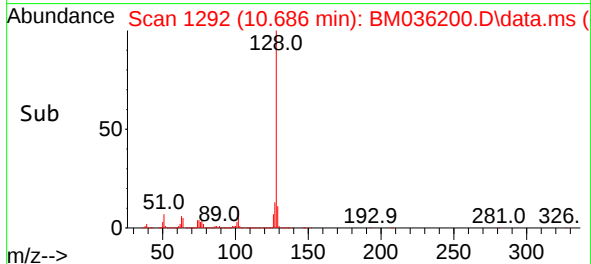
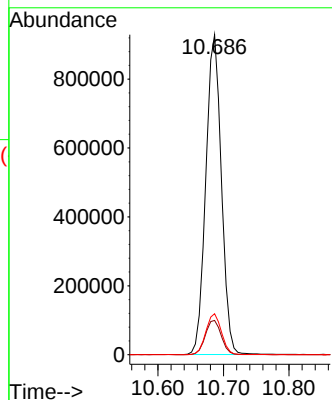
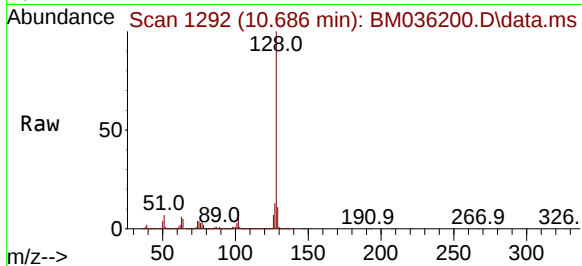




#31
Naphthalene
Concen: 30.318 ng
RT: 10.686 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

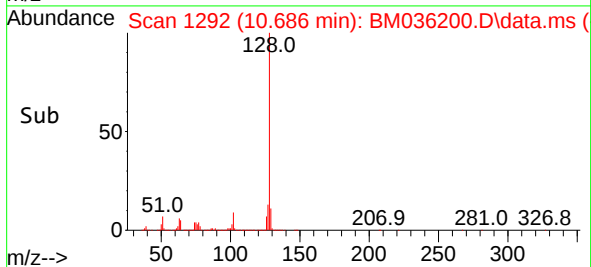
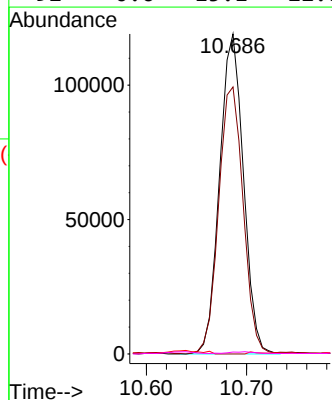
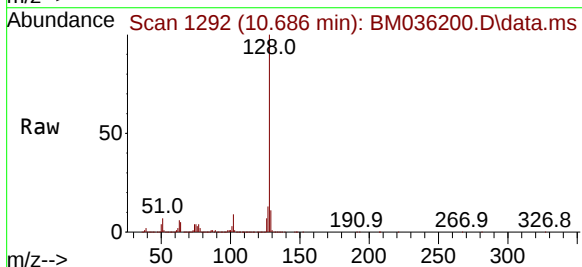
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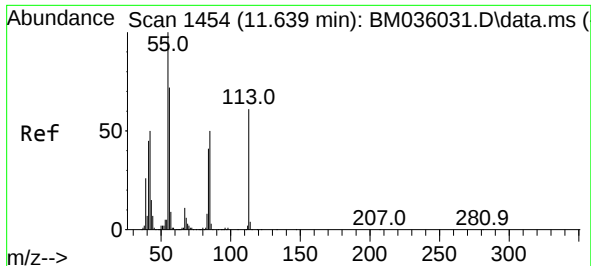
Tgt Ion:128 Resp: 1534531
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.6 16.0



#33
4-Chloroaniline
Concen: 9.639 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.124 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:127 Resp: 196626
Ion Ratio Lower Upper
127 100
129 83.5 25.7 38.5#
65 0.0 26.6 40.0#
92 0.6 15.1 22.7#

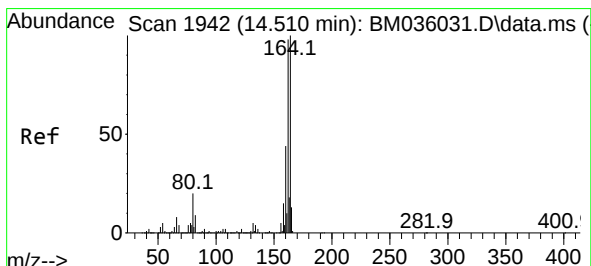
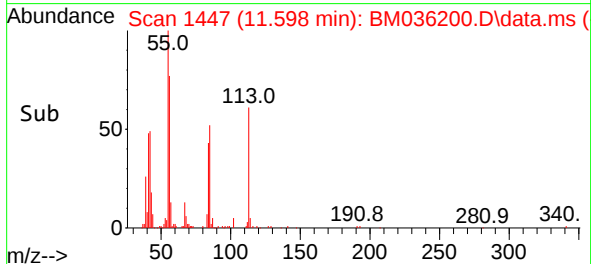
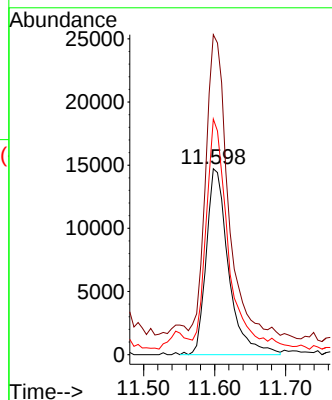
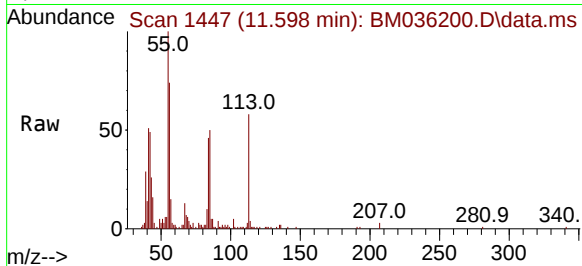




#35
Caprolactam
Concen: 7.429 ng
RT: 11.598 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

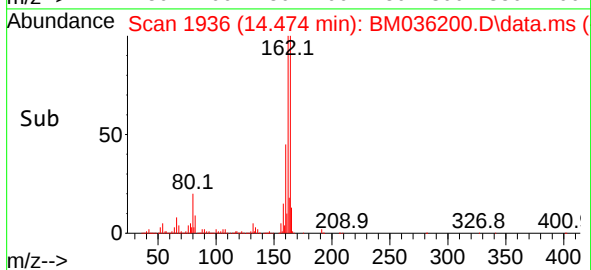
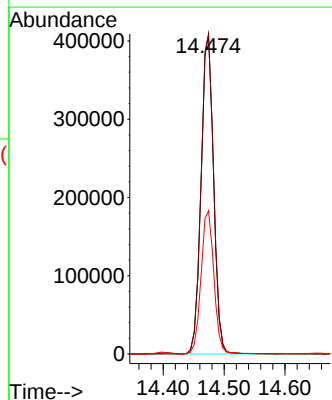
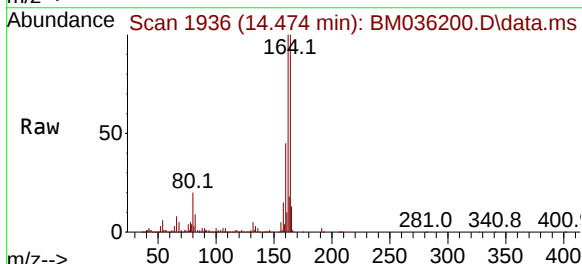
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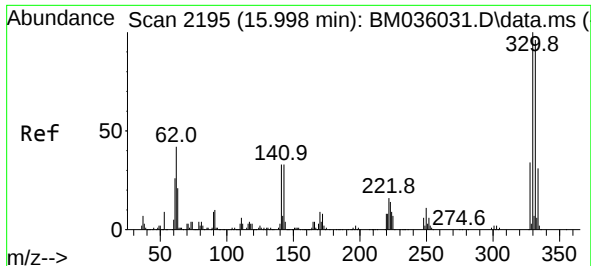
Tgt Ion:113 Resp: 32146
Ion Ratio Lower Upper
113 100
55 172.2 150.1 190.1
56 126.8 111.7 151.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:164 Resp: 580863
Ion Ratio Lower Upper
164 100
162 100.3 83.0 124.6
160 44.9 37.0 55.4

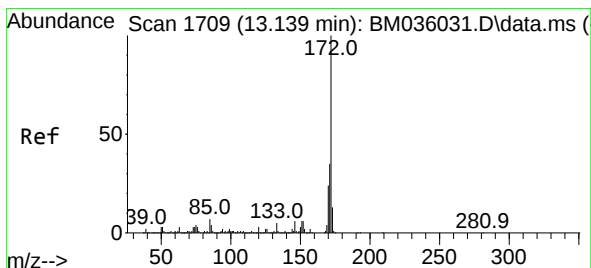
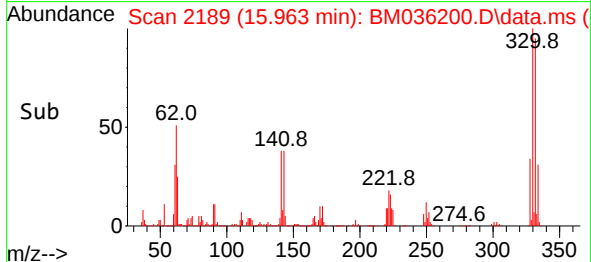
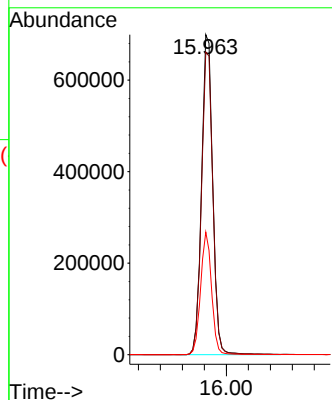
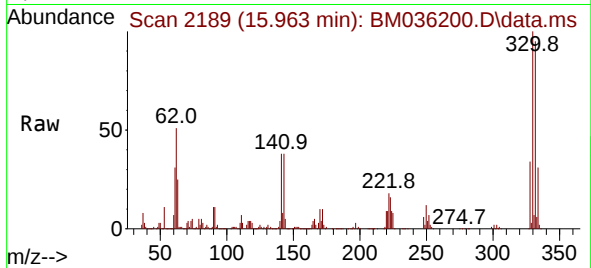




#42
2,4,6-Tribromophenol
Concen: 145.131 ng
RT: 15.963 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

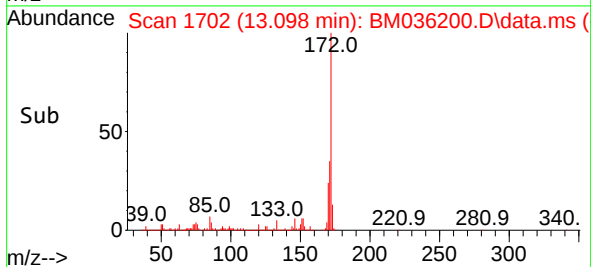
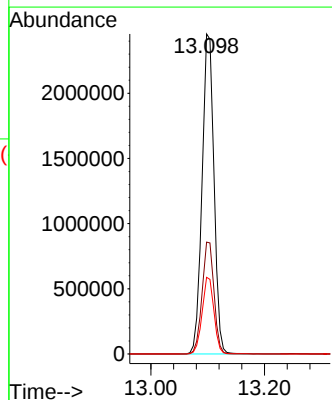
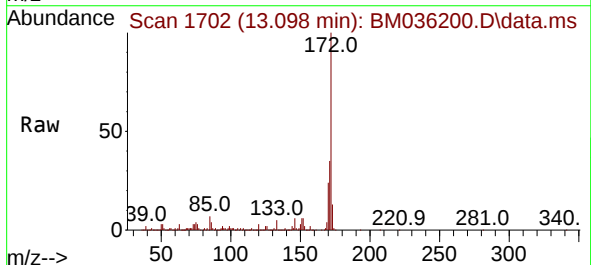
Instrument :
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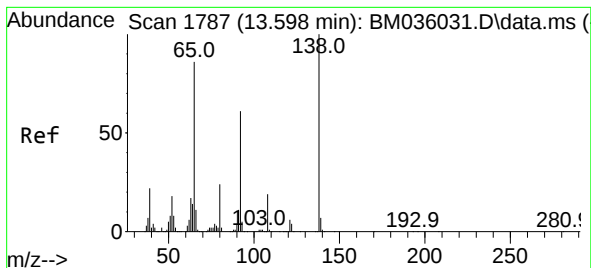
Tgt Ion:330 Resp: 988963
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 37.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 90.951 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:172 Resp: 3578109
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.9 18.7 28.1





#48

2-Nitroaniline

Concen: 7.483 ng

RT: 13.333 min Scan# 1

Delta R.T. -0.241 min

Lab File: BM036200.D

Acq: 10 Aug 2022 20:00

Instrument :

BNA_M

ClientSampleId :

MW-16SR

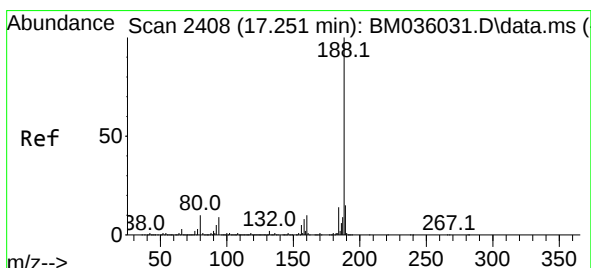
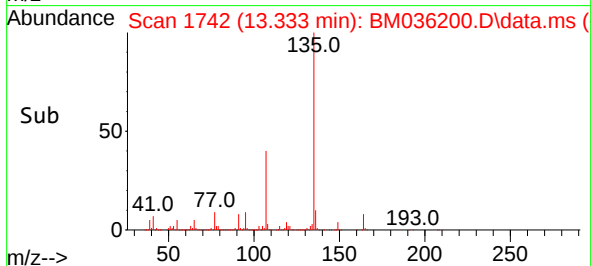
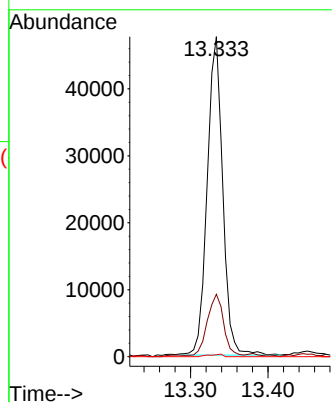
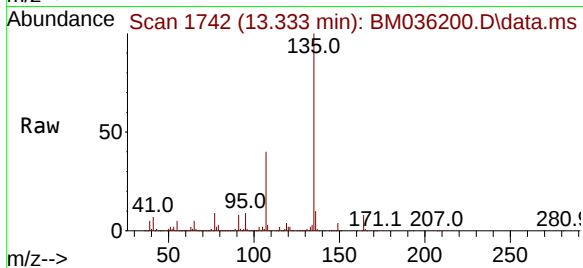
Tgt Ion: 65 Resp: 66071

Ion Ratio Lower Upper

65 100

92 19.5 53.7 80.5#

138 0.6 83.9 125.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BM036200.D

Acq: 10 Aug 2022 20:00

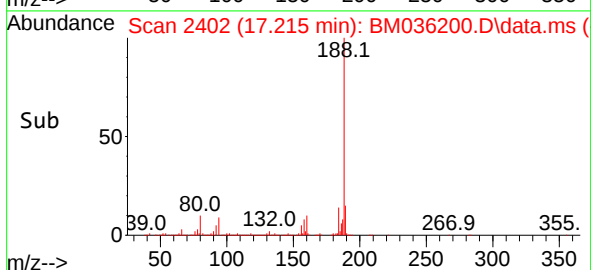
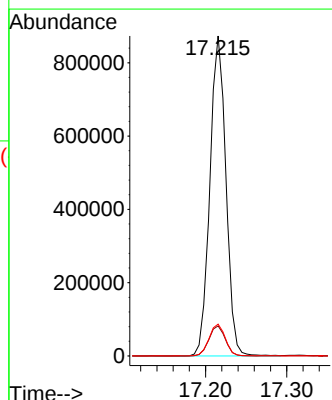
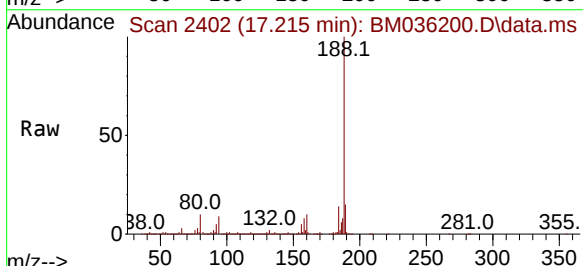
Tgt Ion:188 Resp: 1197558

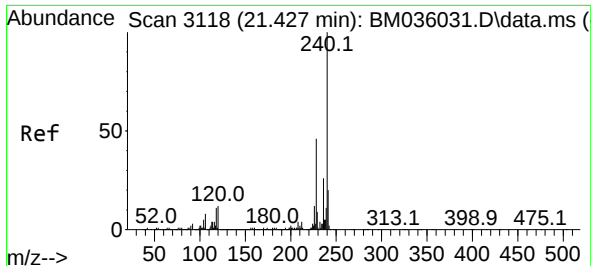
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 9.9 7.6 11.4

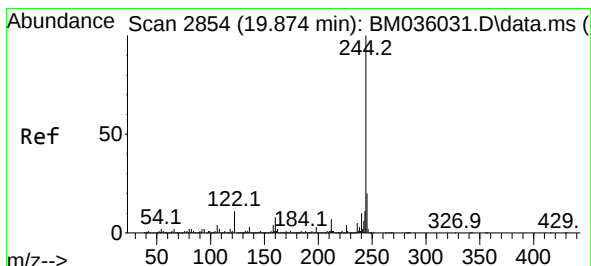
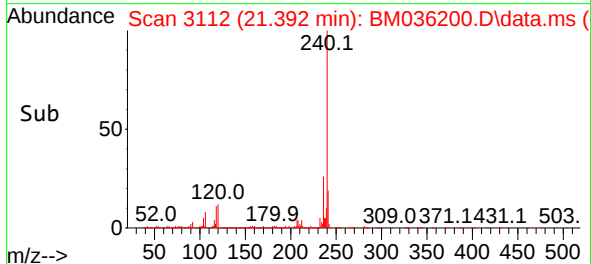
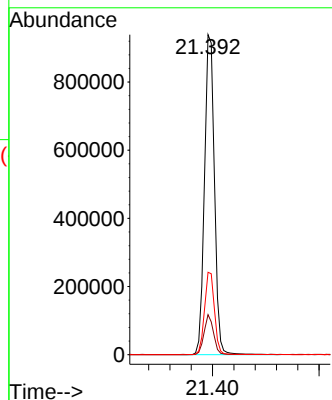
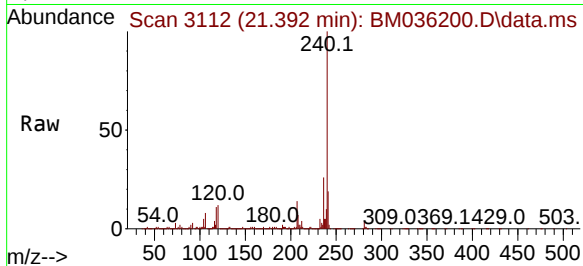




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

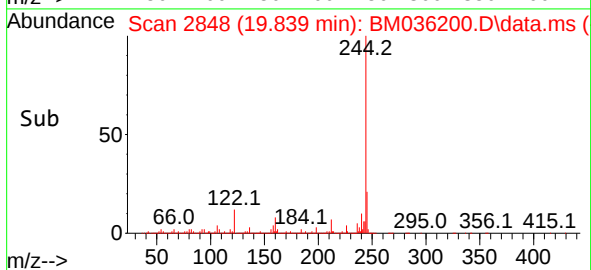
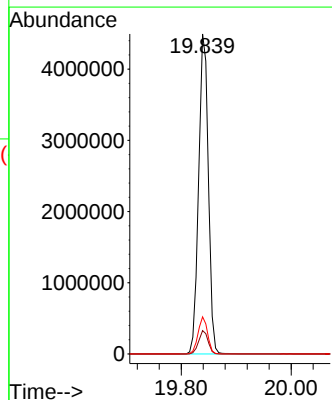
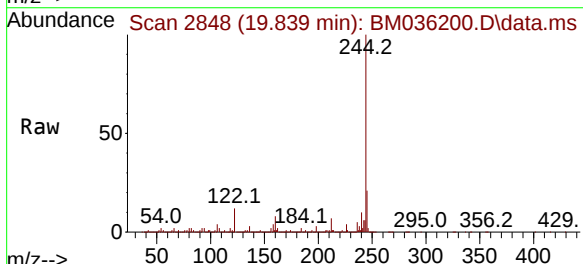
Instrument :
BNA_M
ClientSampleId :
MW-16SR

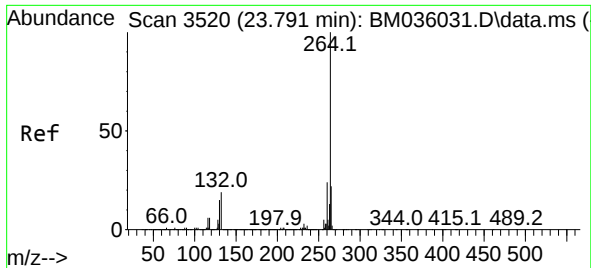
Tgt Ion:240 Resp: 1216048
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.0
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 89.564 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:244 Resp: 5521800
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 11.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.738 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM036200.D
 Acq: 10 Aug 2022 20:00

Instrument :
 BNA_M
 ClientSampleId :
 MW-16SR

Tgt Ion:264 Resp: 1297727
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.8 17.5 26.3

