

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100522\
 Data File : BM036836.D
 Acq On : 05 Oct 2022 15:33
 Operator : CG/JU
 Sample : N4860-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-05

Quant Time: Oct 06 02:34:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 03:17:03 2022
 Response via : Initial Calibration

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

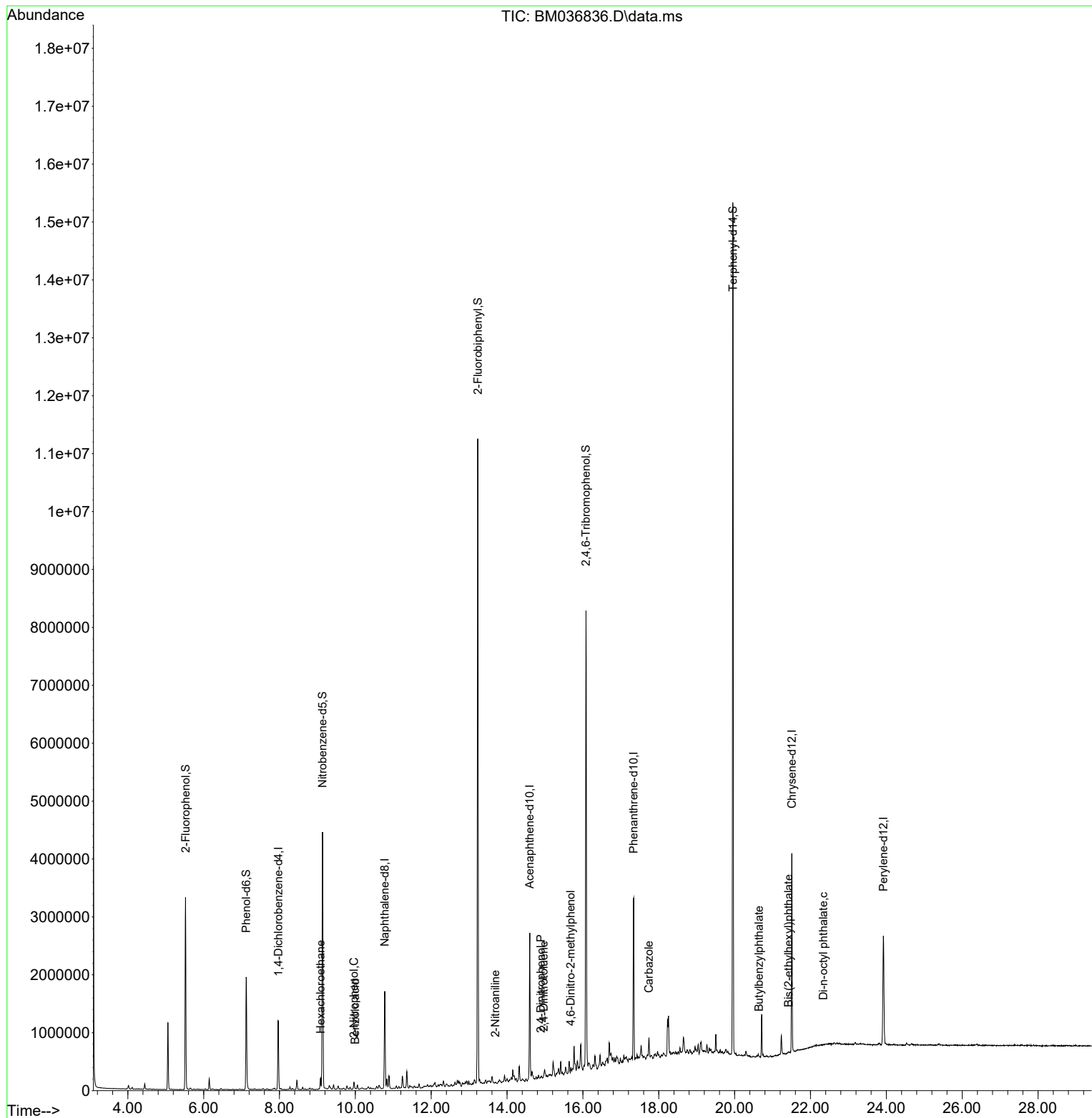
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	309765	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1324918	20.000	ng	-0.01
39) Acenaphthene-d10	14.598	164	789215	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1602092	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1478792	20.000	ng	0.00
86) Perylene-d12	23.921	264	1292725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1349959	77.342	ng	0.00
7) Phenol-d6	7.122	99	1093927	44.618	ng	-0.02
23) Nitrobenzene-d5	9.133	82	2458826	99.264	ng	-0.01
42) 2,4,6-Tribromophenol	16.080	330	1170433	189.091	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5181538	101.234	ng	0.00
79) Terphenyl-d14	19.956	244	6900493	92.972	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.080	117	76467	8.864	ng	# 7
26) 2-Nitrophenol	9.963	139	401	2.994	ng	# 1
32) Benzoic acid	9.998	122	2490	6.945	ng	91
48) 2-Nitroaniline	13.692	65	742	2.236	ng	# 37
54) 2,4-Dinitrophenol	14.892	184	2182	6.879	ng	# 77
57) 2,4-Dinitrotoluene	14.962	165	1728	2.878	ng	# 63
65) 4,6-Dinitro-2-methylph...	15.674	198	501	5.955	ng	# 1
73) Carbazole	17.739	167	176517	2.211	ng	95
80) Butylbenzylphthalate	20.644	149	869	3.322	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.421	149	7829	2.522	ng	# 81
85) Di-n-octyl phthalate	22.338	149	382	4.059	ng	# 74

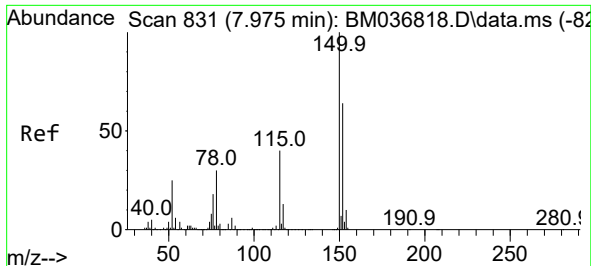
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100522\
Data File : BM036836.D
Acq On : 05 Oct 2022 15:33
Operator : CG/JU
Sample : N4860-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-05

Quant Time: Oct 06 02:34:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 03:17:03 2022
Response via : Initial Calibration

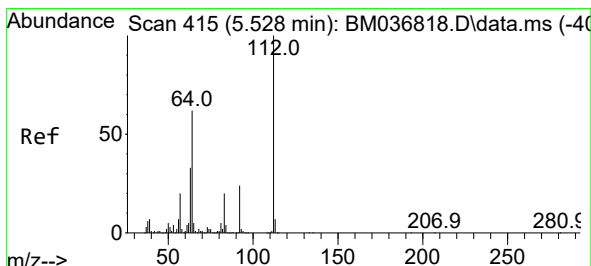
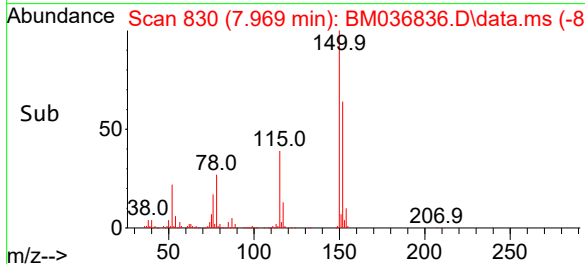
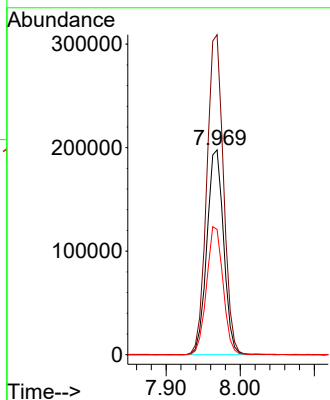
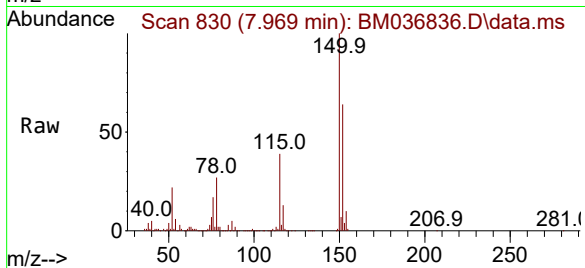




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

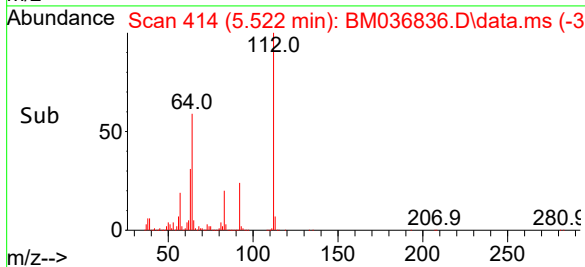
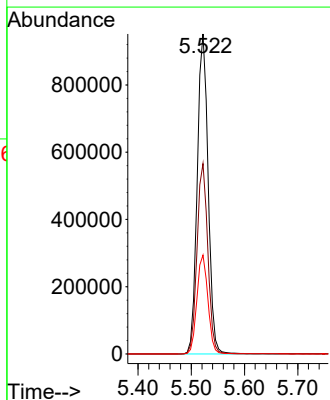
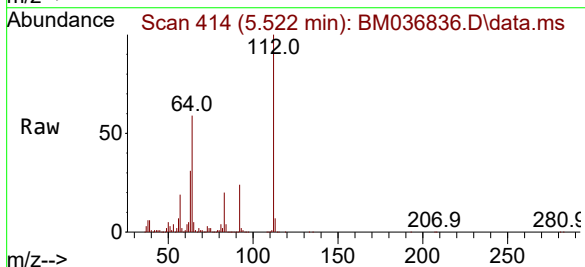
Instrument :
BNA_M
ClientSampleId :
MW-05

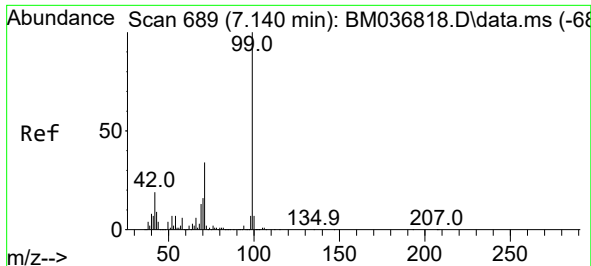
Tgt Ion:152 Resp: 309765
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 61.1 50.1 75.1



#5
2-Fluorophenol
Concen: 77.342 ng
RT: 5.522 min Scan# 414
Delta R.T. -0.006 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

Tgt Ion:112 Resp: 1349959
Ion Ratio Lower Upper
112 100
64 59.5 49.6 74.4
63 30.9 26.2 39.4

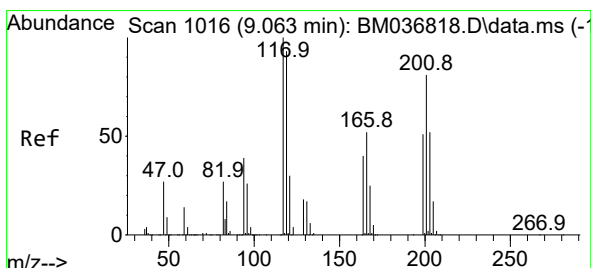
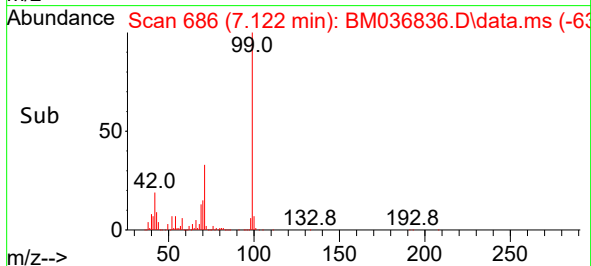
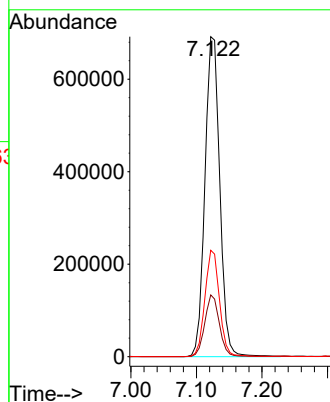
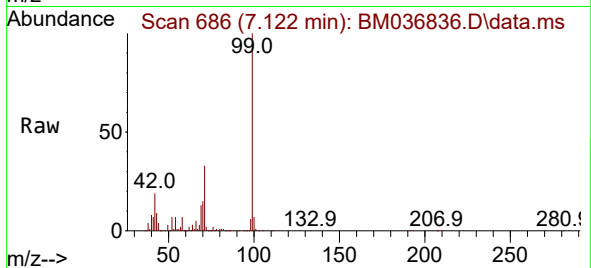




#7
Phenol-d6
Concen: 44.618 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

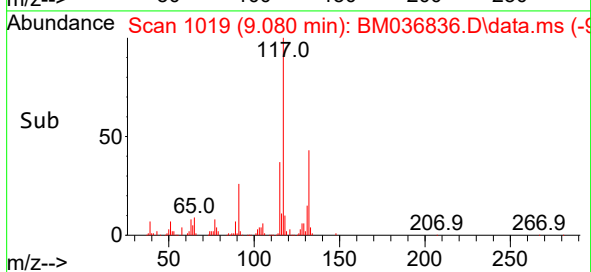
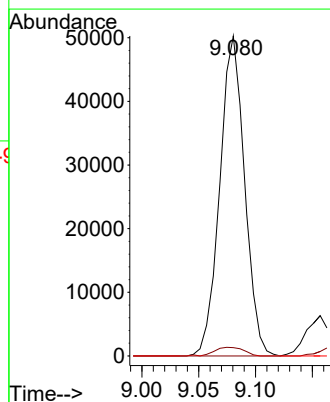
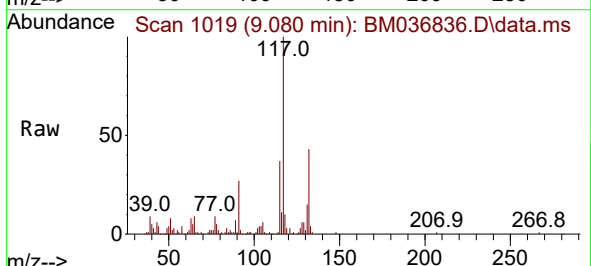
Instrument :
BNA_M
ClientSampleId :
MW-05

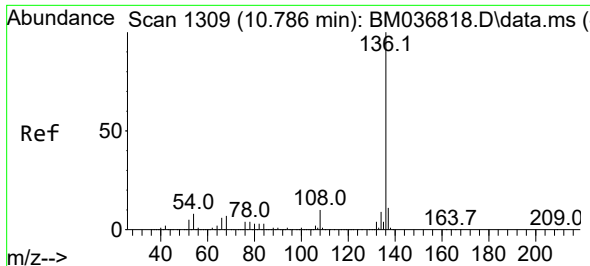
Tgt Ion: 99 Resp: 1093927
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 33.2 26.9 40.3



#18
Hexachloroethane
Concen: 8.864 ng
RT: 9.080 min Scan# 1019
Delta R.T. 0.017 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

Tgt Ion: 117 Resp: 76467
Ion Ratio Lower Upper
117 100
119 2.6 74.4 111.6#
201 0.0 65.0 97.4#

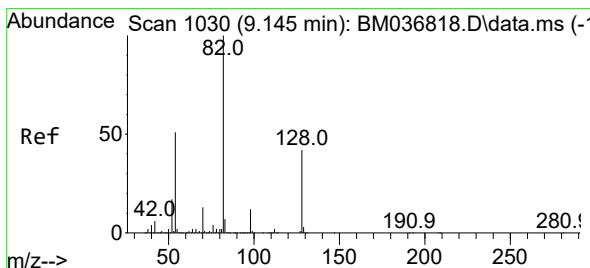
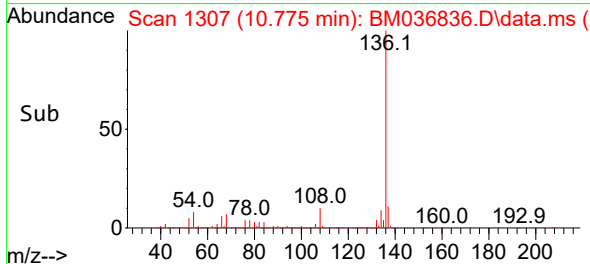
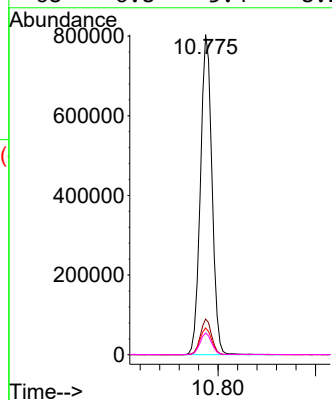
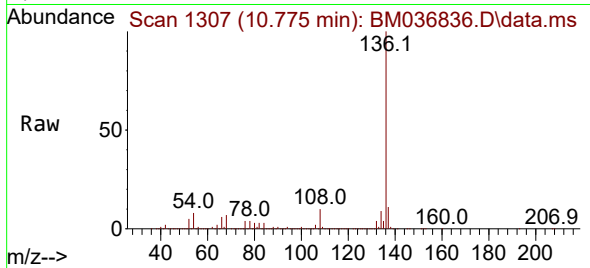




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

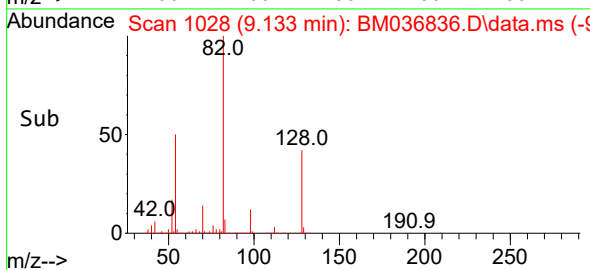
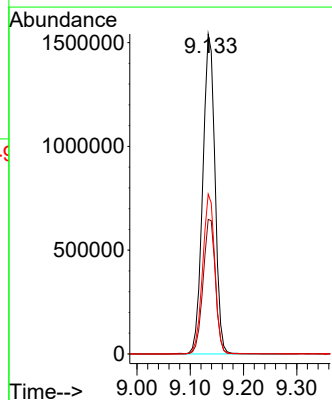
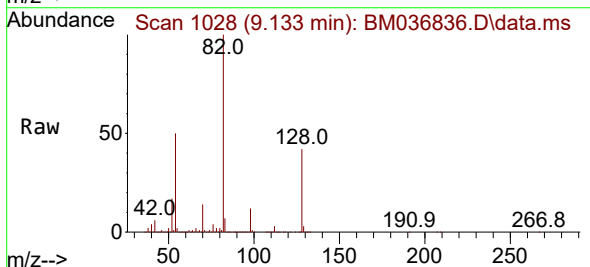
Instrument :
BNA_M
ClientSampleId :
MW-05

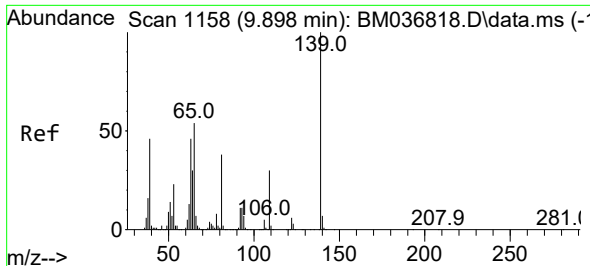
Tgt Ion:136 Resp: 1324918
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 6.7 10.1
68 6.8 5.4 8.2



#23
Nitrobenzene-d5
Concen: 99.264 ng
RT: 9.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

Tgt Ion: 82 Resp: 2458826
Ion Ratio Lower Upper
82 100
128 42.1 33.2 49.8
54 49.9 40.6 60.8

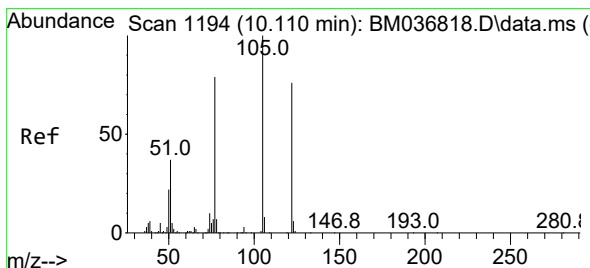
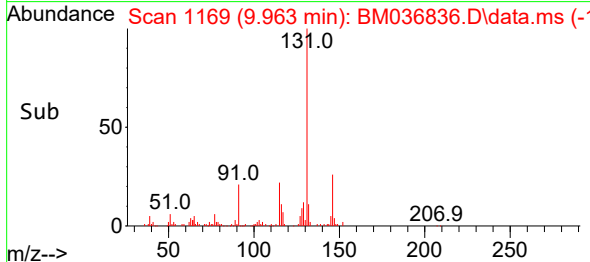
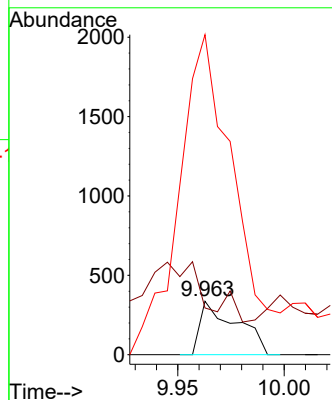
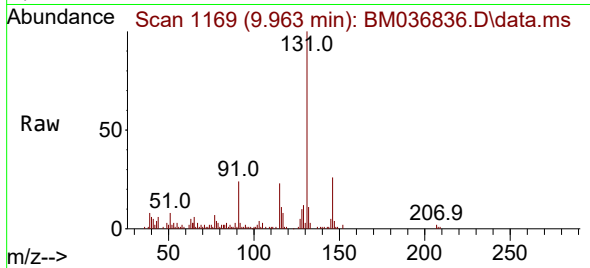




#26
2-Nitrophenol
Concen: 2.994 ng
RT: 9.963 min Scan# 1158
Delta R.T. 0.065 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

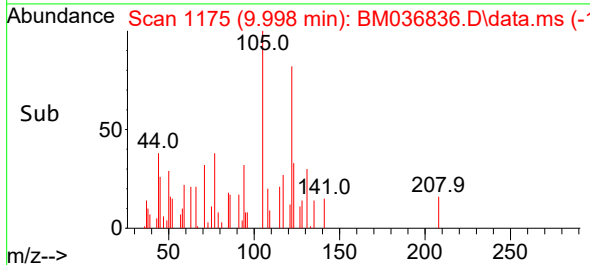
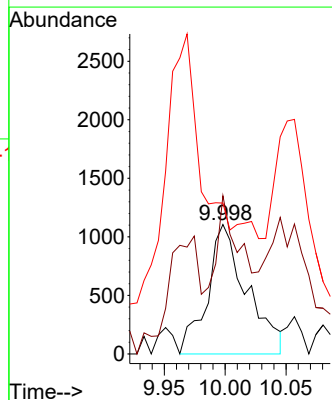
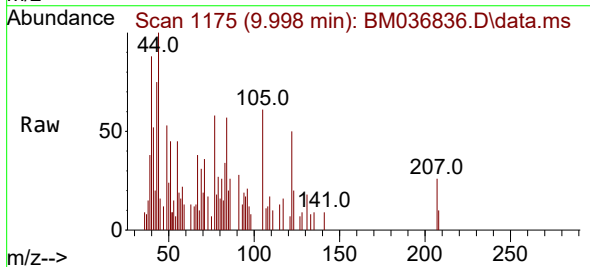
Instrument :
BNA_M
ClientSampleId :
MW-05

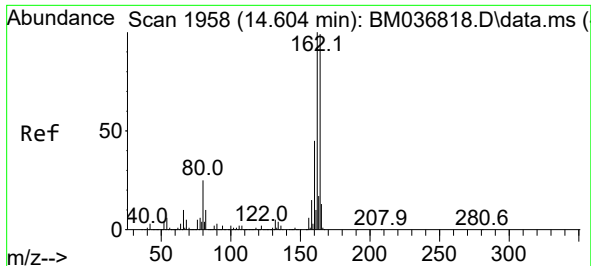
Tgt Ion:139 Resp: 401
Ion Ratio Lower Upper
139 100
109 87.5 24.2 36.2#
65 598.2 43.4 65.2#



#32
Benzoic acid
Concen: 6.945 ng
RT: 9.998 min Scan# 1175
Delta R.T. -0.112 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

Tgt Ion:122 Resp: 2490
Ion Ratio Lower Upper
122 100
105 122.2 106.4 146.4
77 116.5 81.4 121.4

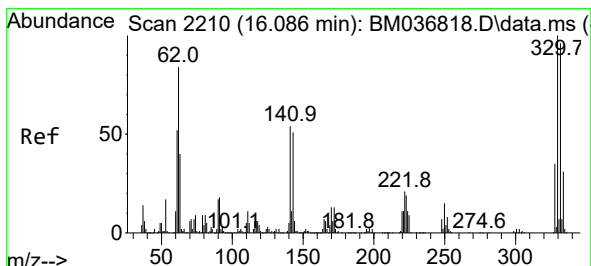
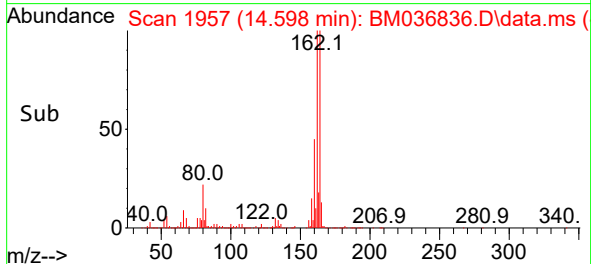
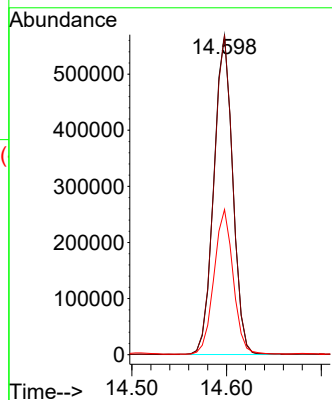
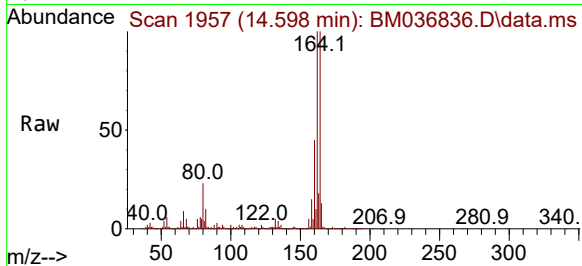




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

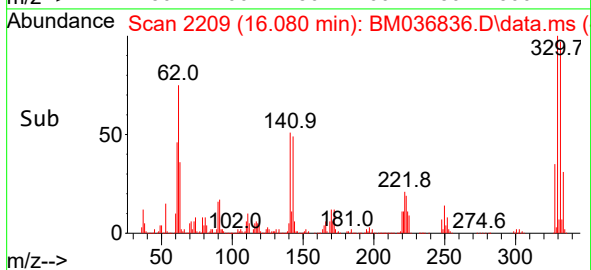
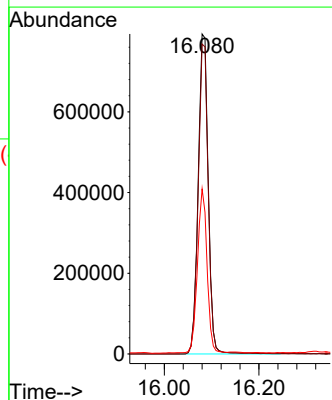
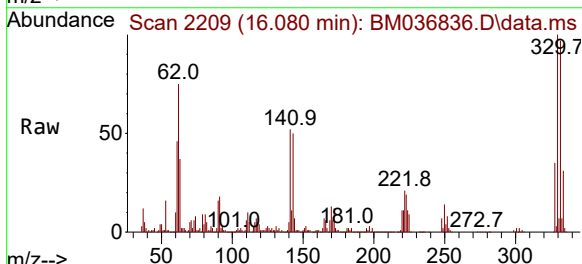
Instrument :
BNA_M
ClientSampleId :
MW-05

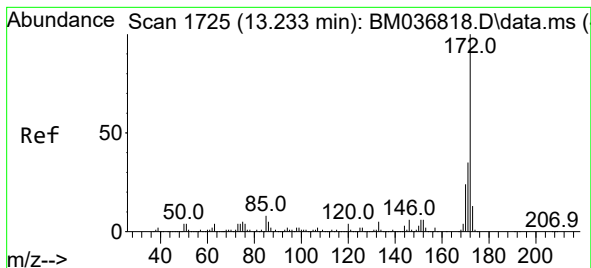
Tgt Ion:164 Resp: 789215
Ion Ratio Lower Upper
164 100
162 100.3 80.5 120.7
160 45.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 189.091 ng
RT: 16.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

Tgt Ion:330 Resp: 1170433
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 49.2 41.5 62.3





#45

2-Fluorobiphenyl

Concen: 101.234 ng

RT: 13.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036836.D

Acq: 05 Oct 2022 15:33

Instrument :

BNA_M

ClientSampleId :

MW-05

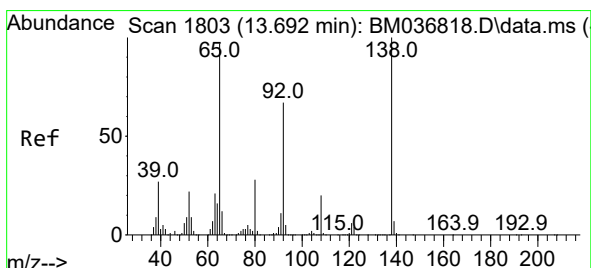
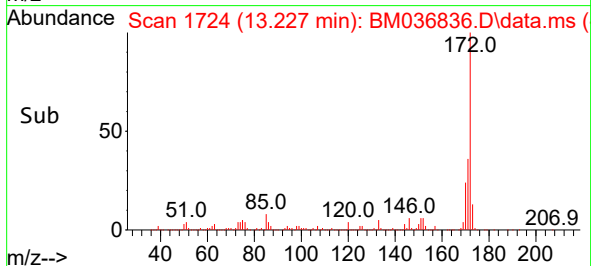
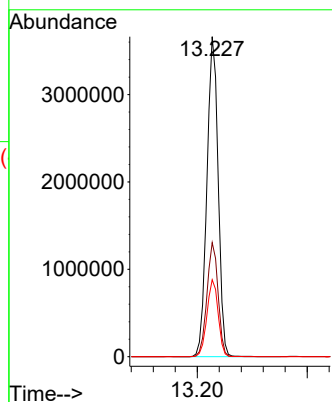
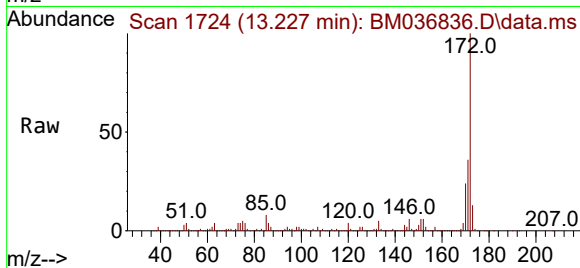
Tgt Ion:172 Resp: 5181538

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.0 28.6



#48

2-Nitroaniline

Concen: 2.236 ng

RT: 13.692 min Scan# 1803

Delta R.T. -0.000 min

Lab File: BM036836.D

Acq: 05 Oct 2022 15:33

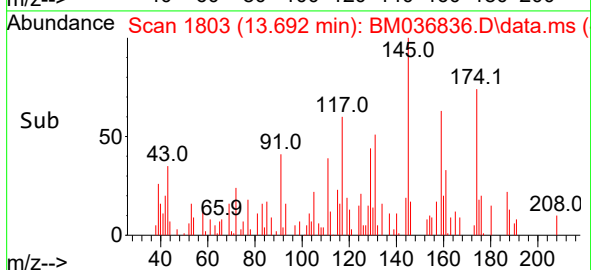
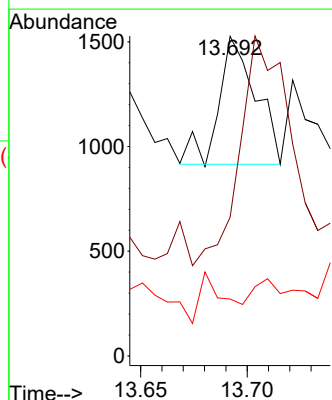
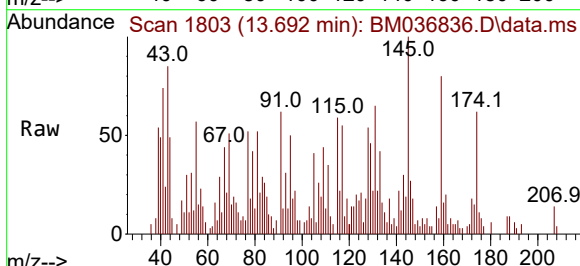
Tgt Ion: 65 Resp: 742

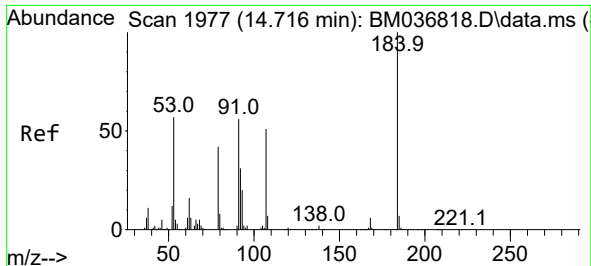
Ion Ratio Lower Upper

65 100

92 43.4 55.0 82.4#

138 17.8 82.5 123.7#

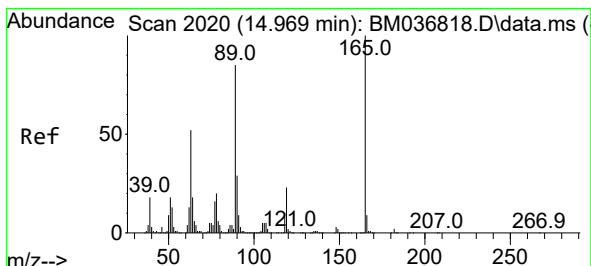
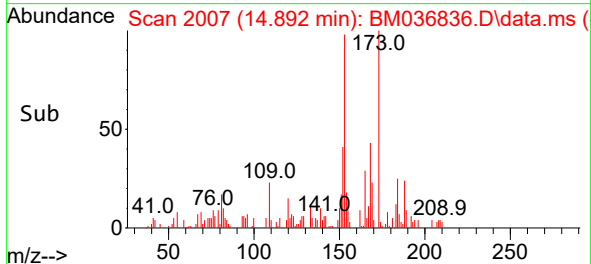
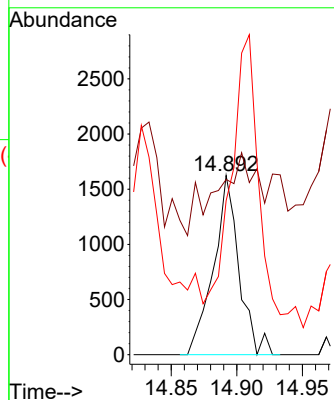
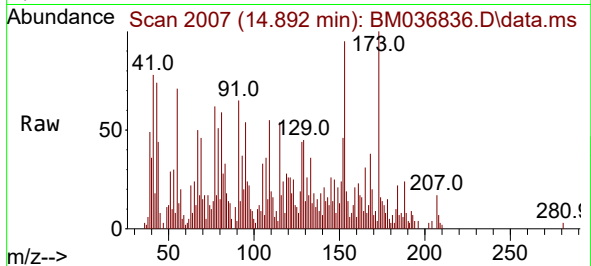




#54
2,4-Dinitrophenol
Concen: 6.879 ng
RT: 14.892 min Scan# 2019
Delta R.T. 0.176 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

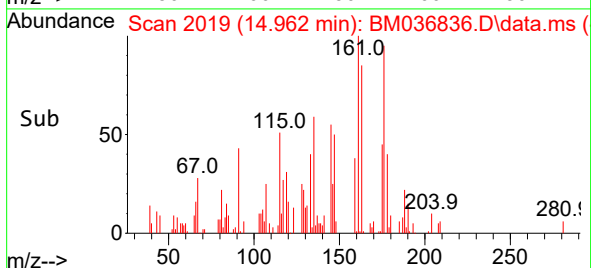
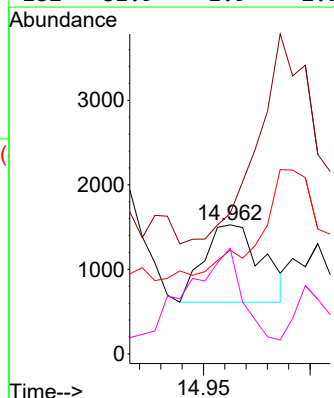
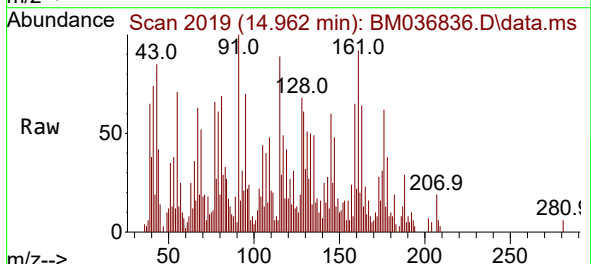
Instrument :
BNA_M
ClientSampleId :
MW-05

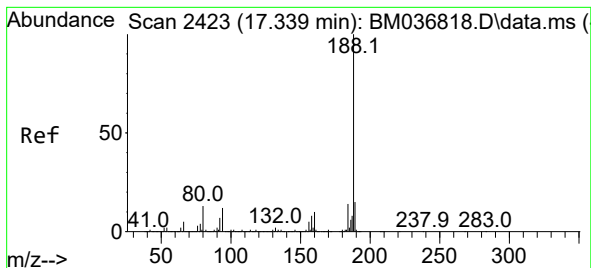
Tgt Ion:184 Resp: 2182
Ion Ratio Lower Upper
184 100
63 97.8 65.0 97.6#
154 85.8 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 2.878 ng
RT: 14.962 min Scan# 2019
Delta R.T. -0.007 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

Tgt Ion:165 Resp: 1728
Ion Ratio Lower Upper
165 100
63 108.8 41.8 62.8#
89 80.4 68.2 102.2
182 81.9 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BM036836.D

Acq: 05 Oct 2022 15:33

Instrument :

BNA_M

ClientSampleId :

MW-05

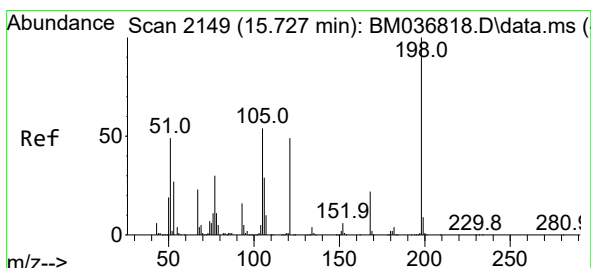
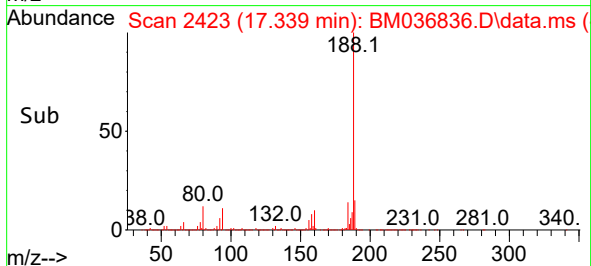
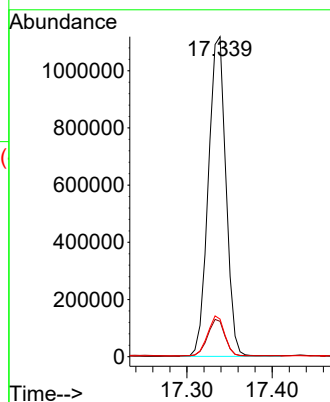
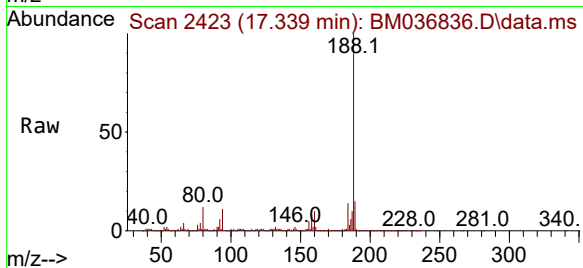
Tgt Ion:188 Resp: 1602092

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.0

80 11.7 10.2 15.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.955 ng

RT: 15.674 min Scan# 2140

Delta R.T. -0.053 min

Lab File: BM036836.D

Acq: 05 Oct 2022 15:33

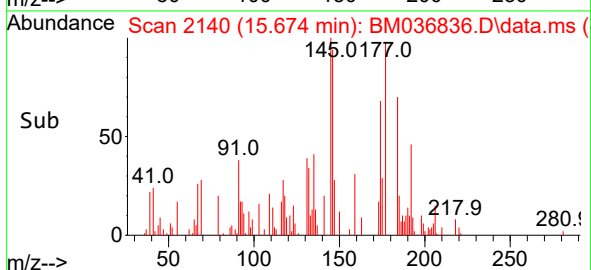
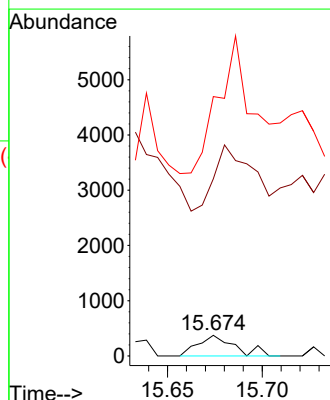
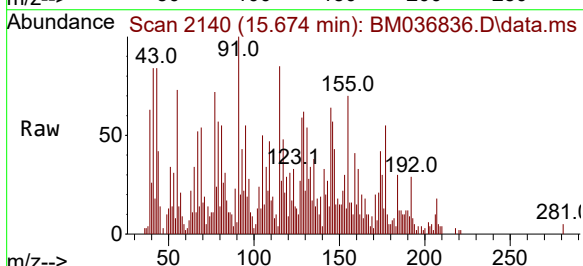
Tgt Ion:198 Resp: 501

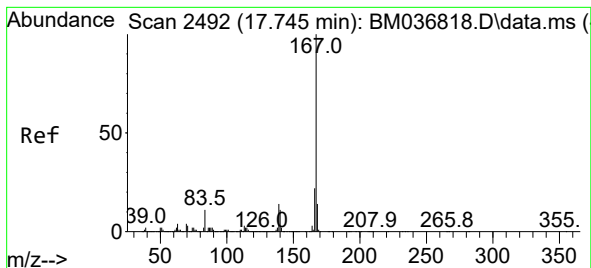
Ion Ratio Lower Upper

198 100

51 857.0 37.7 77.7#

105 1255.3 35.3 75.3#





#73

Carbazole

Concen: 2.211 ng

RT: 17.739 min Scan# 2491

Delta R.T. -0.006 min

Lab File: BM036836.D

Acq: 05 Oct 2022 15:33

Instrument :

BNA_M

ClientSampleId :

MW-05

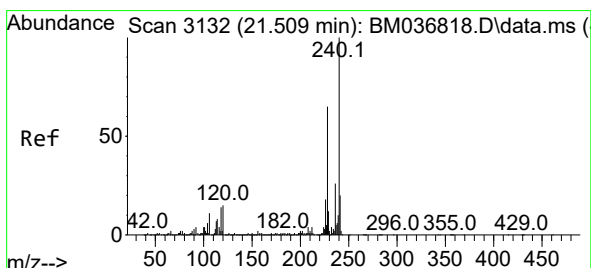
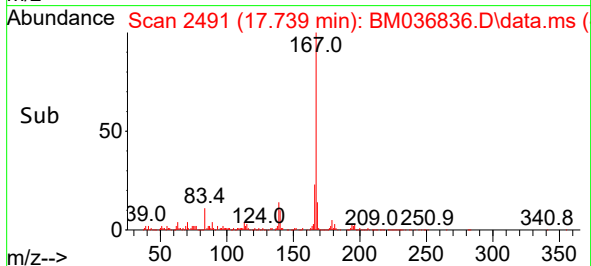
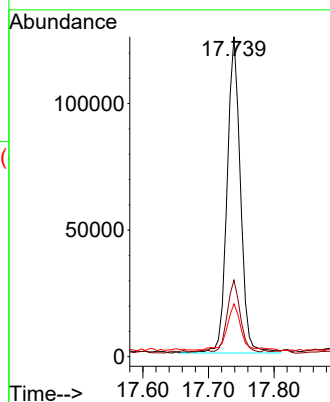
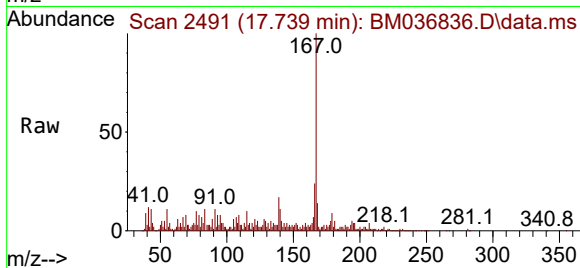
Tgt Ion:167 Resp: 176517

Ion Ratio Lower Upper

167 100

166 23.9 17.3 25.9

139 16.5 11.4 17.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BM036836.D

Acq: 05 Oct 2022 15:33

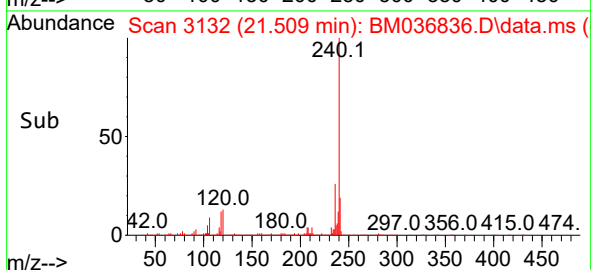
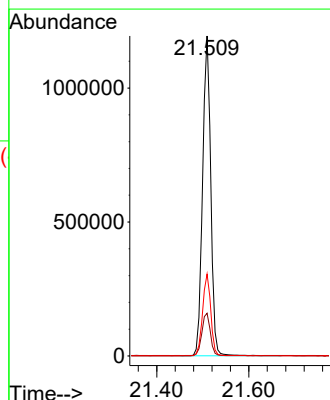
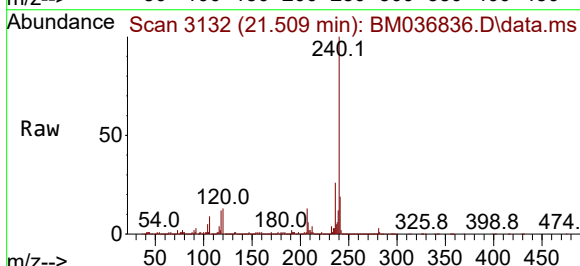
Tgt Ion:240 Resp: 1478792

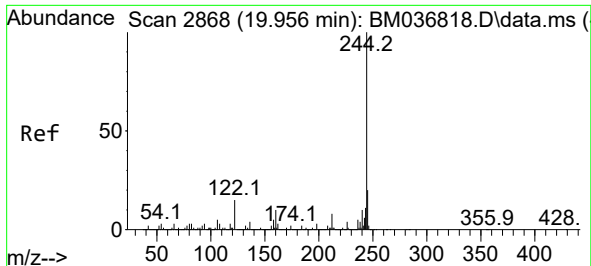
Ion Ratio Lower Upper

240 100

120 13.4 12.1 18.1

236 25.6 20.8 31.2

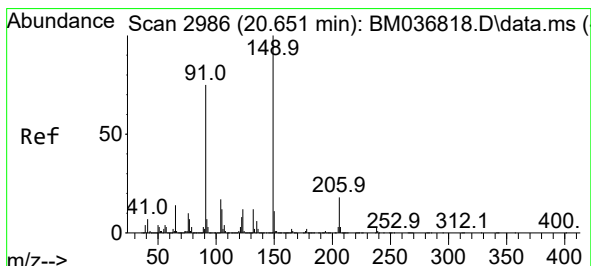
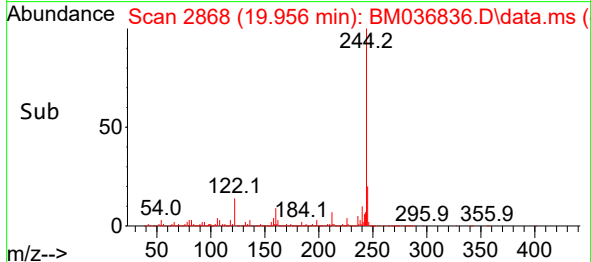
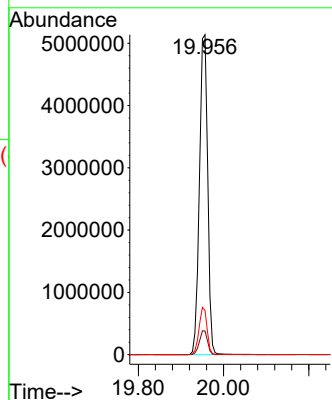
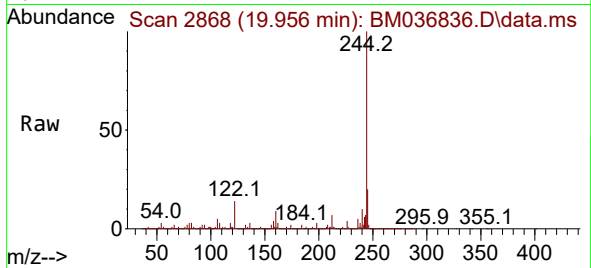




#79
 Terphenyl-d14
 Concen: 92.972 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036836.D
 Acq: 05 Oct 2022 15:33

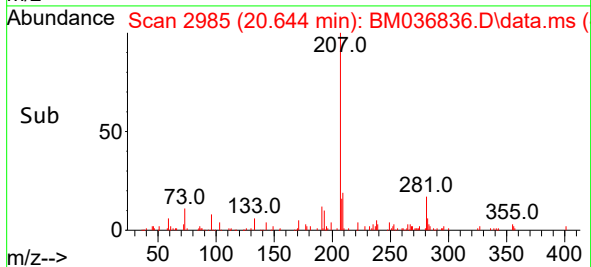
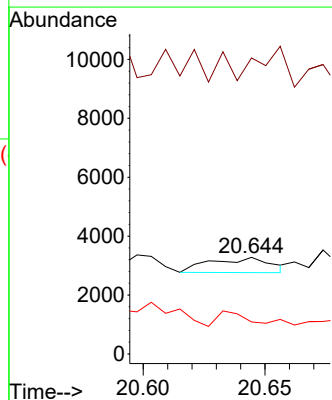
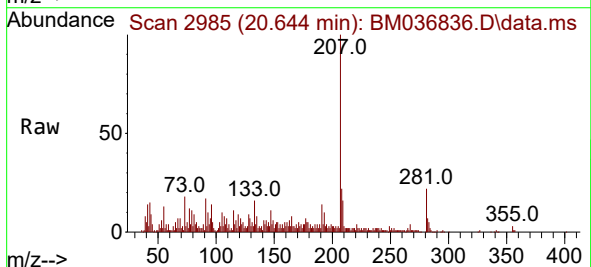
Instrument :
 BNA_M
 ClientSampleId :
 MW-05

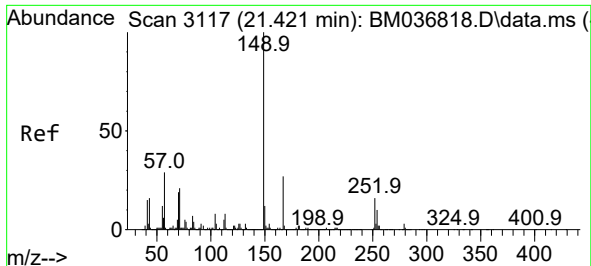
Tgt Ion:244 Resp: 6900493
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 13.9 12.0 18.0



#80
 Butylbenzylphthalate
 Concen: 3.322 ng
 RT: 20.644 min Scan# 2985
 Delta R.T. -0.007 min
 Lab File: BM036836.D
 Acq: 05 Oct 2022 15:33

Tgt Ion:149 Resp: 869
 Ion Ratio Lower Upper
 149 100
 91 306.4 60.4 90.6#
 206 33.2 14.4 21.6#

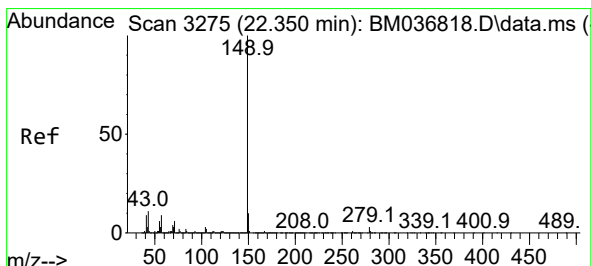
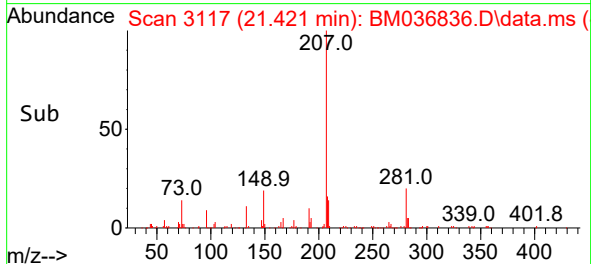
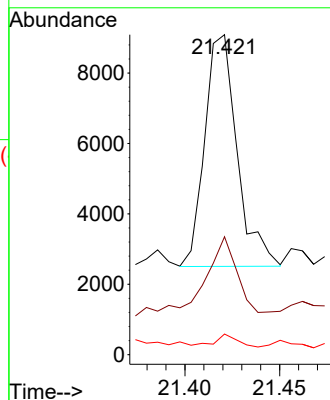
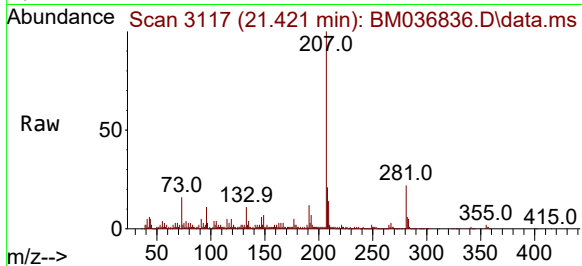




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.522 ng
 RT: 21.421 min Scan# 3117
 Delta R.T. -0.000 min
 Lab File: BM036836.D
 Acq: 05 Oct 2022 15:33

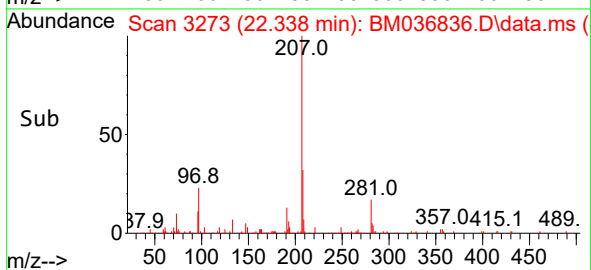
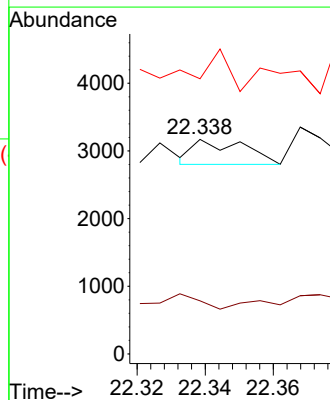
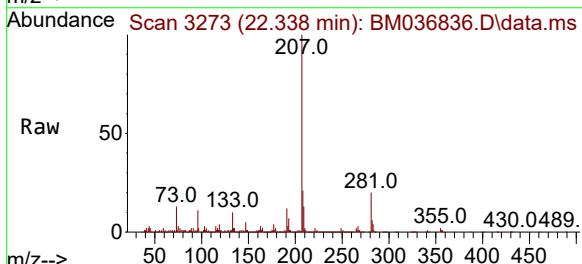
Instrument :
 BNA_M
 ClientSampleId :
 MW-05

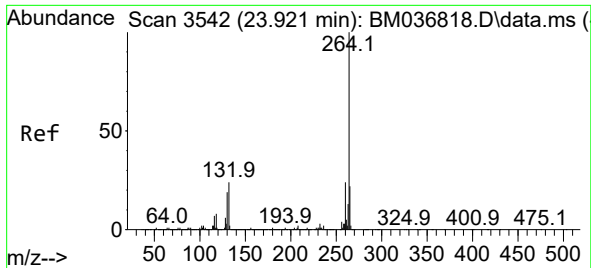
Tgt Ion:149 Resp: 7829
 Ion Ratio Lower Upper
 149 100
 167 36.9 21.3 31.9#
 279 6.5 2.4 3.6#



#85
 Di-n-octyl phthalate
 Concen: 4.059 ng
 RT: 22.338 min Scan# 3273
 Delta R.T. -0.012 min
 Lab File: BM036836.D
 Acq: 05 Oct 2022 15:33

Tgt Ion:149 Resp: 382
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.9 13.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM036836.D
Acq: 05 Oct 2022 15:33

Instrument :
BNA_M
ClientSampleId :
MW-05

Tgt Ion:264 Resp: 1292725
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 22.1 17.9 26.9

