

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
 Data File : BM035279.D
 Acq On : 26 May 2022 21:53
 Operator : CG/JU
 Sample : N2968-09DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-39DL

Quant Time: May 27 03:35:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 26 18:41:37 2022
 Response via : Initial Calibration

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

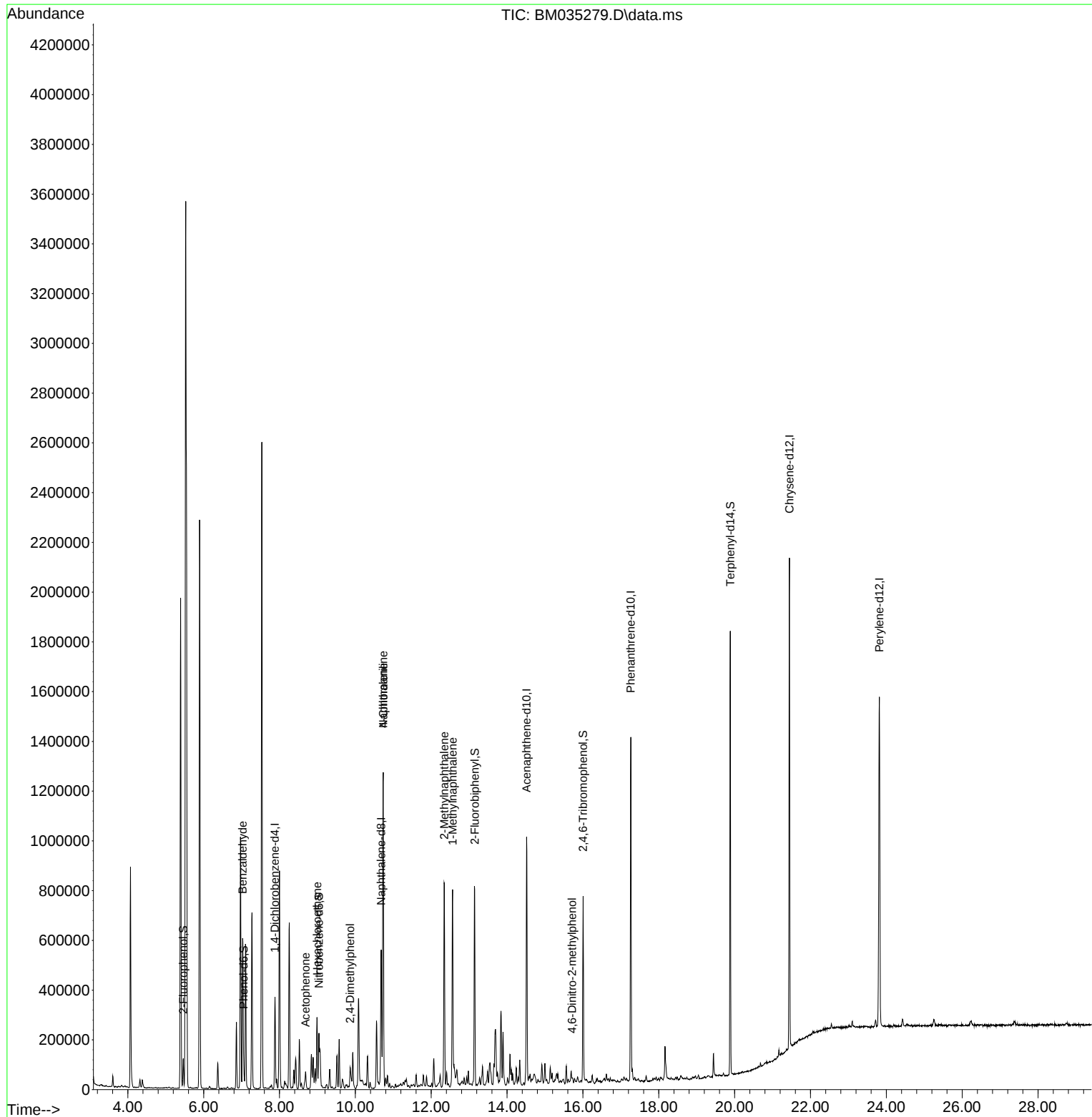
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	107101	20.000	ng	0.00
21) Naphthalene-d8	10.680	136	457341	20.000	ng	# 0.00
39) Acenaphthene-d10	14.515	164	345008	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	837923	20.000	ng	# 0.00
76) Chrysene-d12	21.444	240	993278	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	1045395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	56269	10.154	ng	0.00
7) Phenol-d6	7.051	99	50234	6.529	ng	0.00
23) Nitrobenzene-d5	9.039	82	125722	15.847	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	155539	27.569	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	436212	17.964	ng	0.00
79) Terphenyl-d14	19.886	244	887741	17.503	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.028	77	42485	8.570	ng	# 1
18) Hexachloroethane	8.992	117	33124	12.614	ng	# 1
22) Acetophenone	8.686	105	42191	3.931	ng	# 56
27) 2,4-Dimethylphenol	9.863	122	27763	4.907	ng	98
31) Naphthalene	10.733	128	1040162	46.256	ng	100
33) 4-Chloroaniline	10.733	127	138111	14.485	ng	# 32
37) 2-Methylnaphthalene	12.345	142	394405	23.361	ng	98
38) 1-Methylnaphthalene	12.563	142	294244	17.695	ng	100
65) 4,6-Dinitro-2-methylph...	15.715	198	479	3.077	ng	# 37

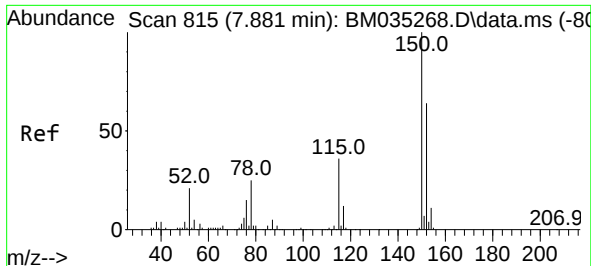
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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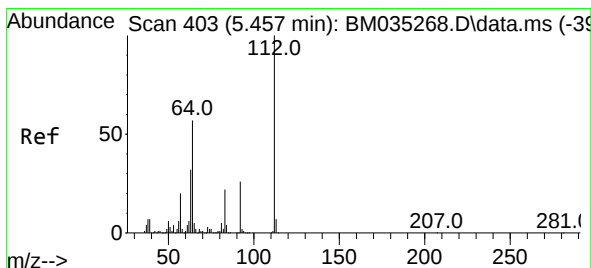
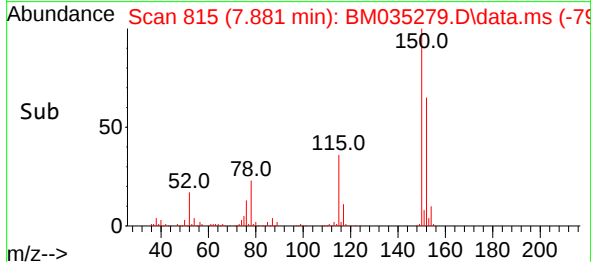
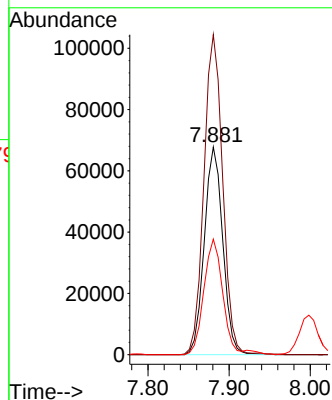
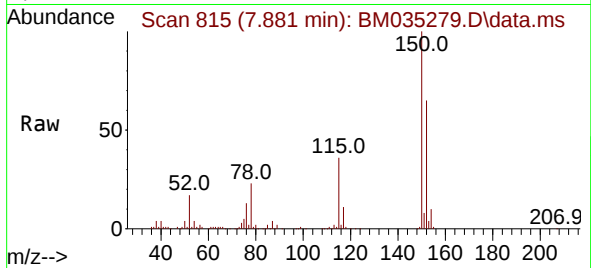




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

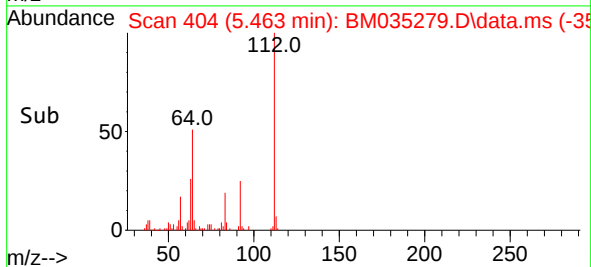
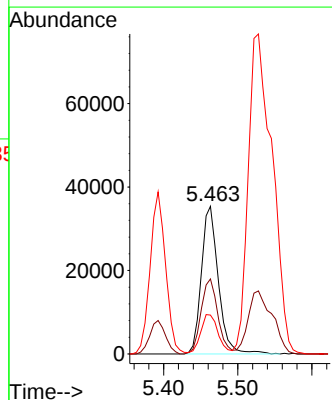
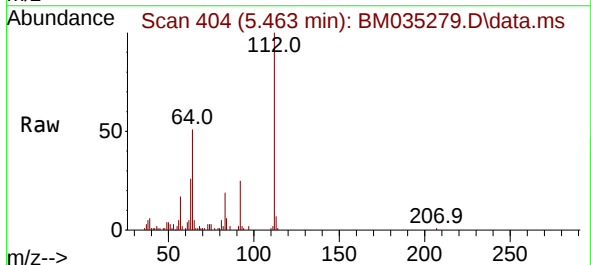
Instrument :
BNA_M
ClientSampleId :
MW-39DL

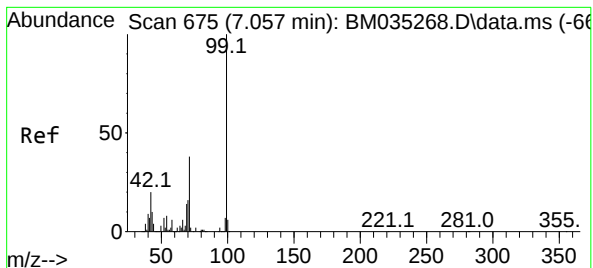
Tgt Ion:152 Resp: 107101
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 55.7 47.9 71.9



#5
2-Fluorophenol
Concen: 10.154 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.006 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

Tgt Ion:112 Resp: 56269
Ion Ratio Lower Upper
112 100
64 50.8 47.8 71.6
63 26.3 26.6 40.0#

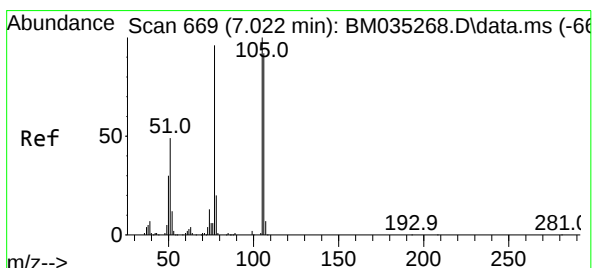
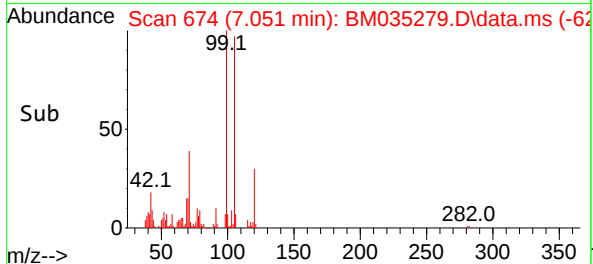
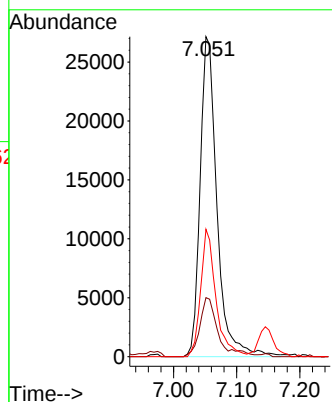
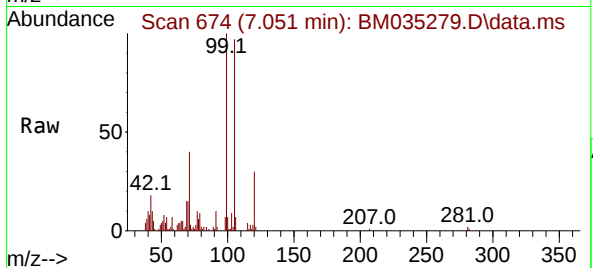




#7
Phenol-d6
Concen: 6.529 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

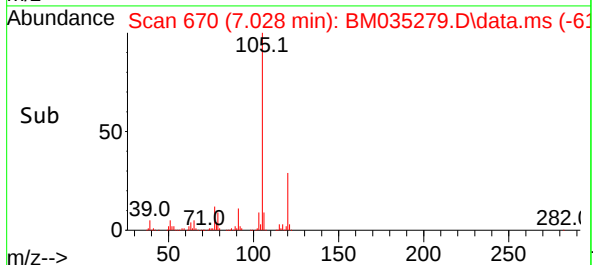
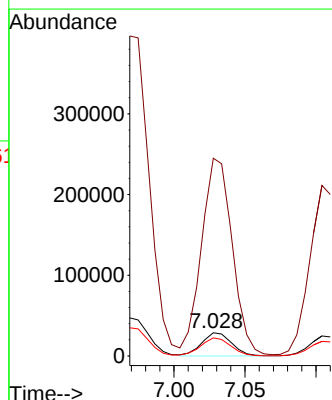
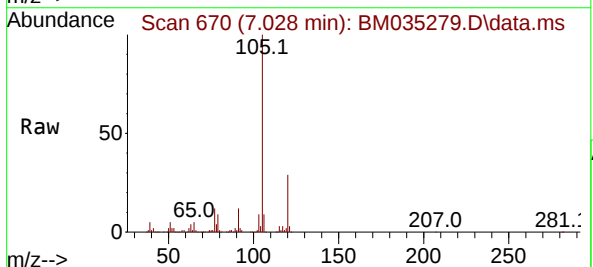
Instrument :
BNA_M
ClientSampleId :
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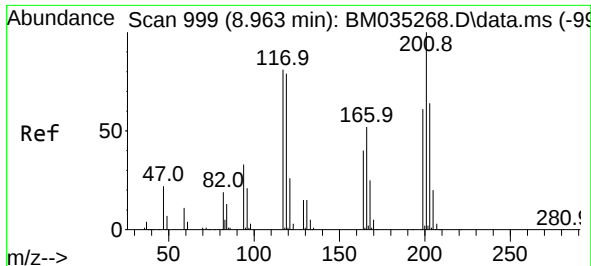
Tgt Ion: 99 Resp: 50234
Ion Ratio Lower Upper
99 100
42 18.5 18.8 28.2#
71 39.8 30.2 45.2



#9
Benzaldehyde
Concen: 8.570 ng
RT: 7.028 min Scan# 670
Delta R.T. 0.006 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

Tgt Ion: 77 Resp: 42485
Ion Ratio Lower Upper
77 100
105 850.4 76.3 116.3#
106 77.5 69.0 109.0

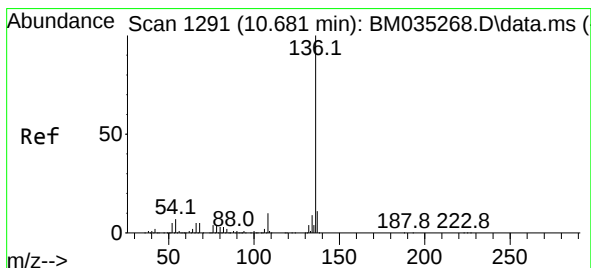
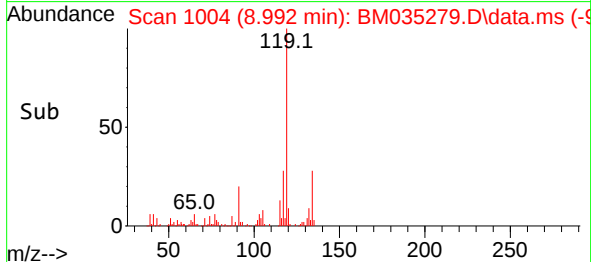
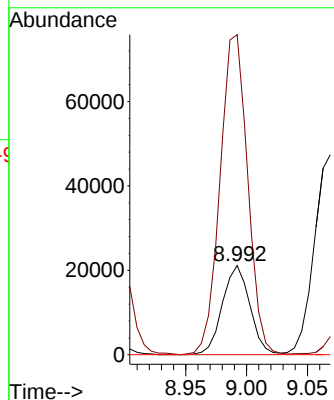
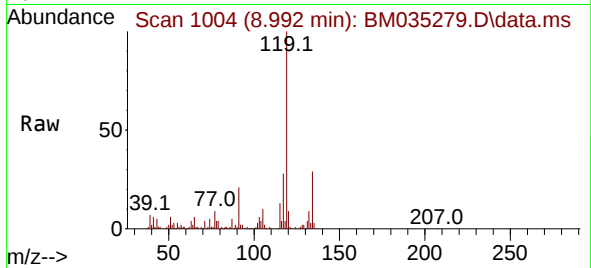




#18
Hexachloroethane
Concen: 12.614 ng
RT: 8.992 min Scan# 1004
Delta R.T. 0.029 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

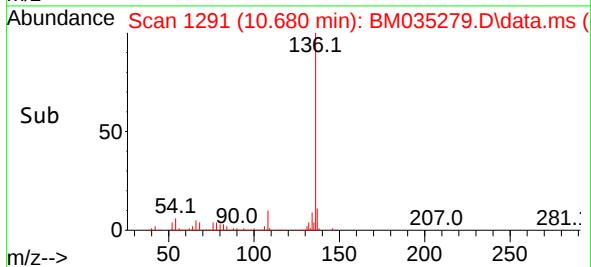
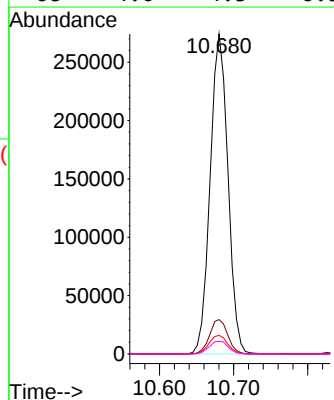
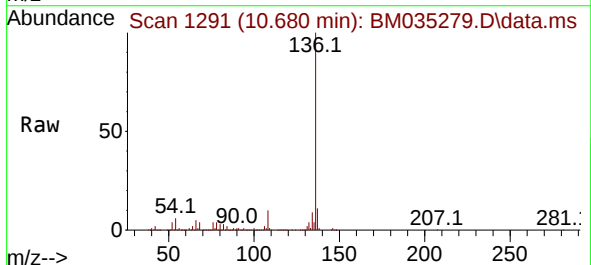
Instrument :
BNA_M
ClientSampleId :
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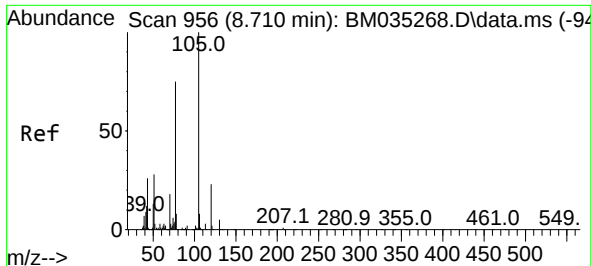
Tgt Ion:117 Resp: 33124
Ion Ratio Lower Upper
117 100
119 359.1 75.8 113.6#
201 0.0 81.0 121.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.680 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

Tgt Ion:136 Resp: 457341
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 5.8 7.0 10.4#
68 4.0 4.3 6.5#

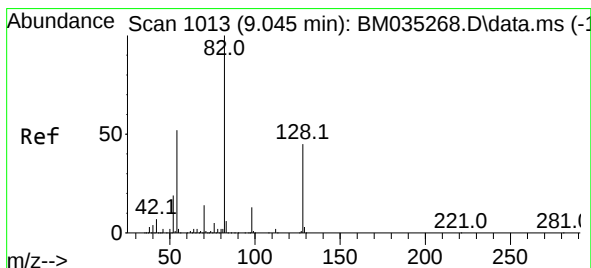
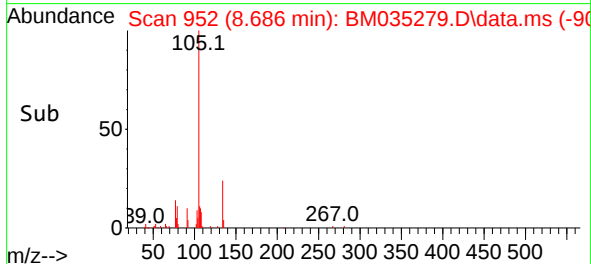
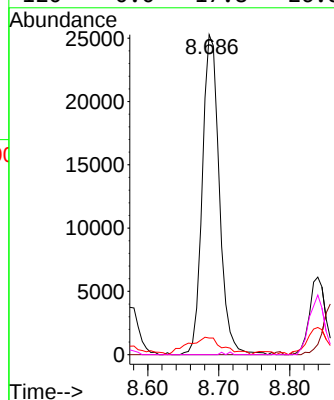
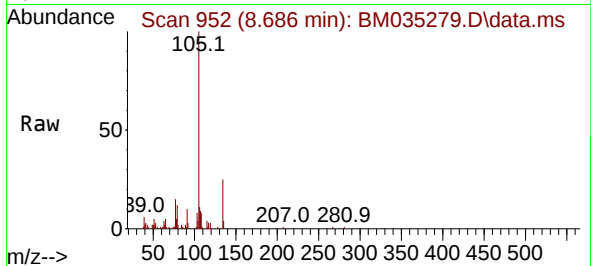




#22
Acetophenone
Concen: 3.931 ng
RT: 8.686 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

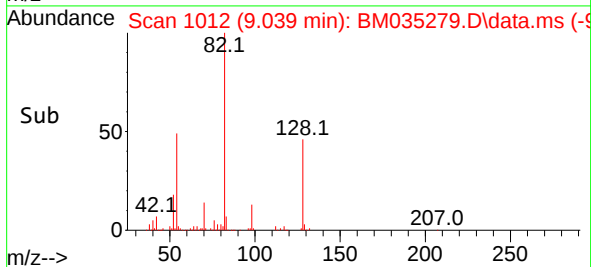
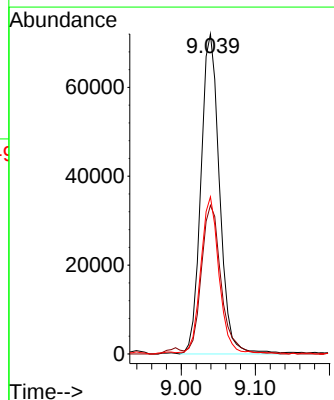
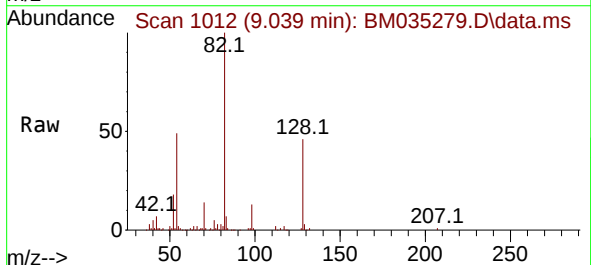
Instrument :
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ClientSampleId :
MW-39DL

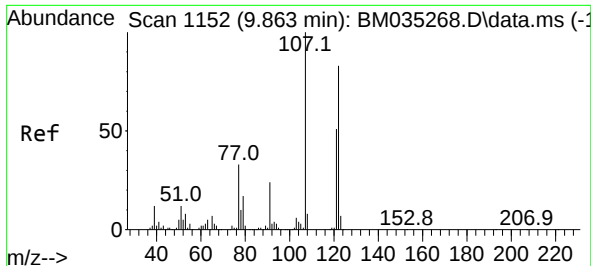
Tgt Ion:105 Resp: 42191
Ion Ratio Lower Upper
105 100
71 0.0 5.0 7.4#
51 5.2 25.6 38.4#
120 0.0 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 15.847 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

Tgt Ion: 82 Resp: 125722
Ion Ratio Lower Upper
82 100
128 46.5 33.7 50.5
54 49.1 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 4.907 ng

RT: 9.863 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BM035279.D

Acq: 26 May 2022 21:53

Instrument :

BNA_M

ClientSampleId :

MW-39DL

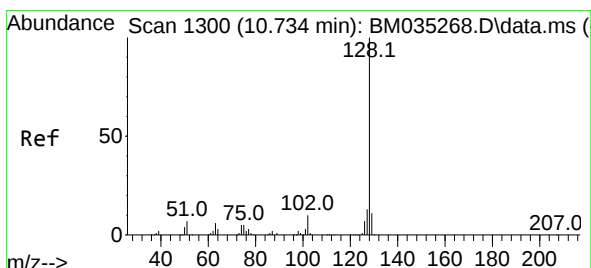
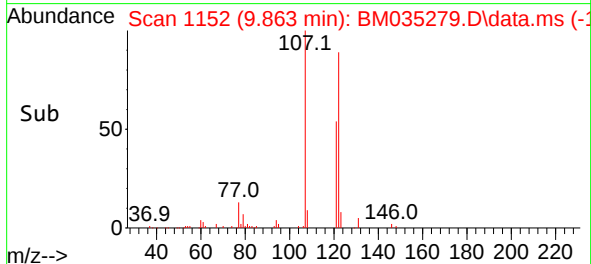
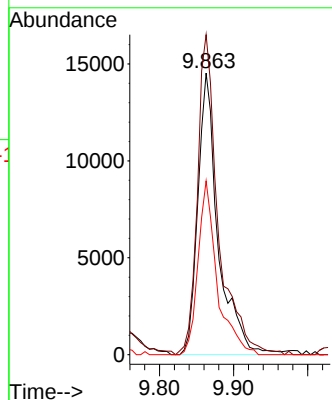
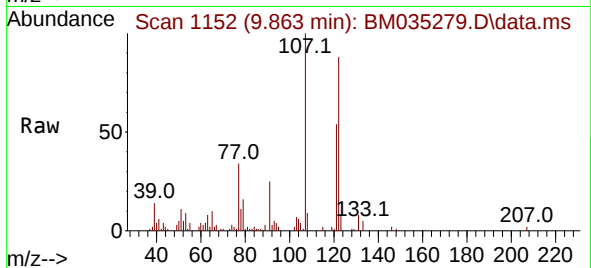
Tgt Ion:122 Resp: 27763

Ion Ratio Lower Upper

122 100

107 113.6 92.4 138.6

121 61.7 47.4 71.0



#31

Naphthalene

Concen: 46.256 ng

RT: 10.733 min Scan# 1300

Delta R.T. -0.000 min

Lab File: BM035279.D

Acq: 26 May 2022 21:53

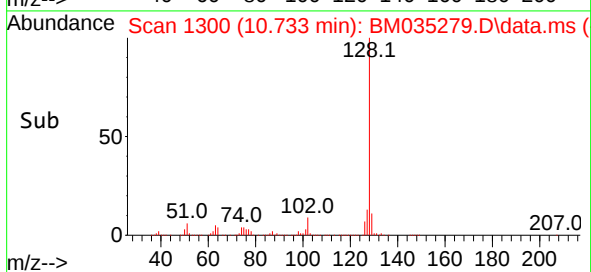
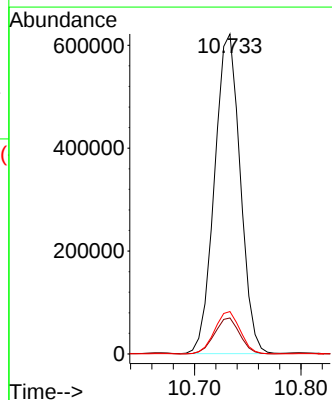
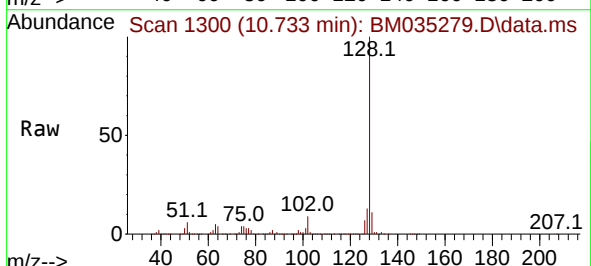
Tgt Ion:128 Resp: 1040162

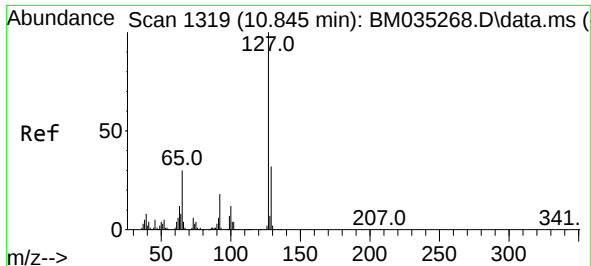
Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.3 10.6 16.0

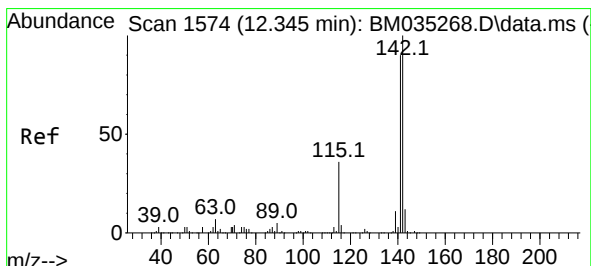
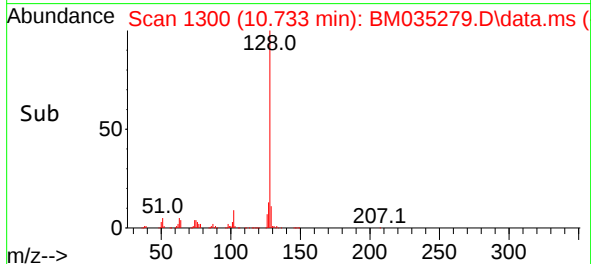
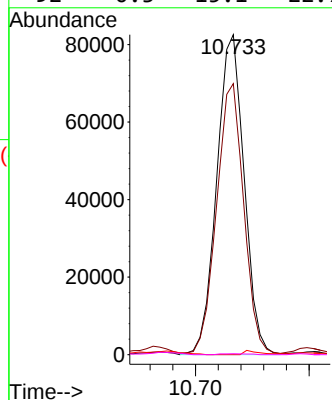
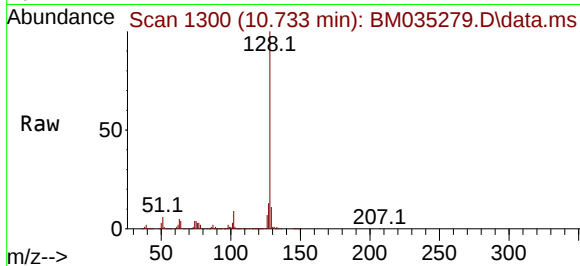




#33
4-Chloroaniline
Concen: 14.485 ng
RT: 10.733 min Scan# 11
Delta R.T. -0.112 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

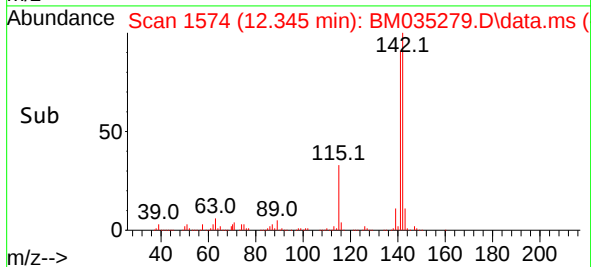
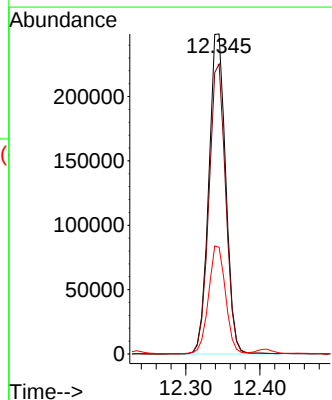
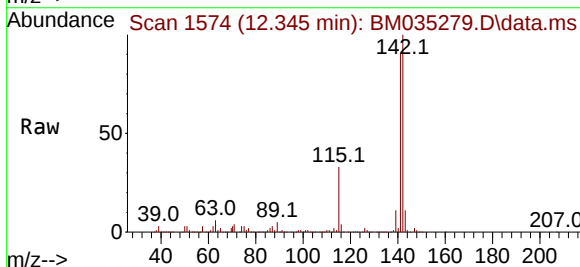
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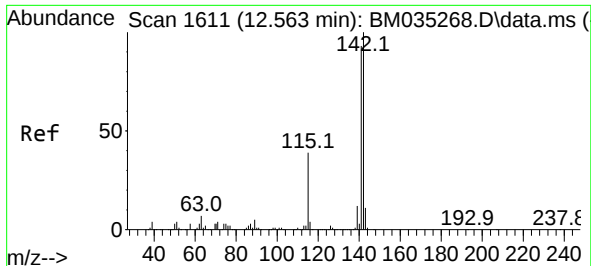
Tgt Ion:127 Resp: 138111
Ion Ratio Lower Upper
127 100
129 84.7 25.7 38.5#
65 0.0 26.6 40.0#
92 0.3 15.1 22.7#



#37
2-Methylnaphthalene
Concen: 23.361 ng
RT: 12.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

Tgt Ion:142 Resp: 394405
Ion Ratio Lower Upper
142 100
141 90.6 72.4 108.6
115 33.3 29.6 44.4

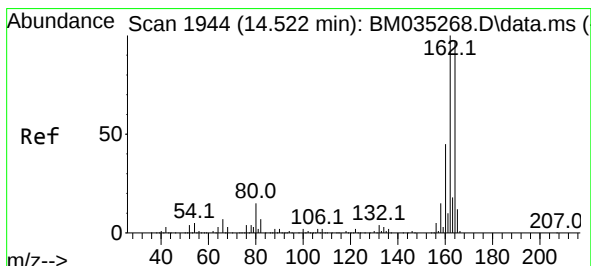
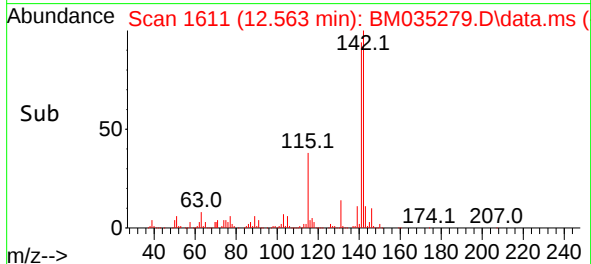
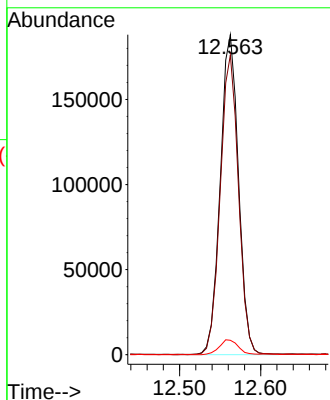
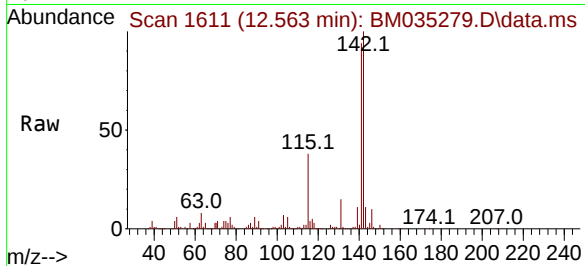




#38
1-Methylnaphthalene
Concen: 17.695 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

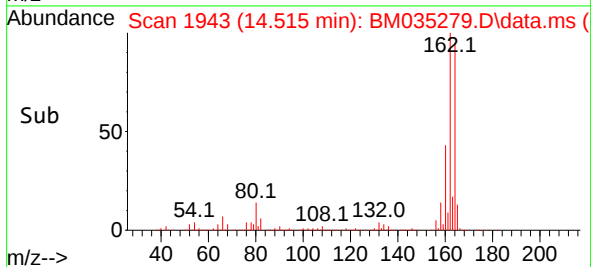
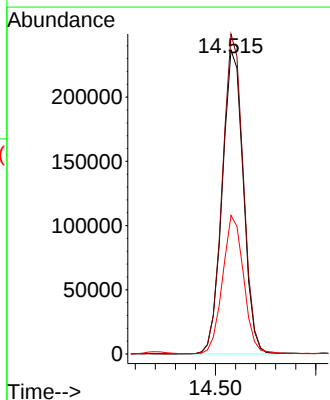
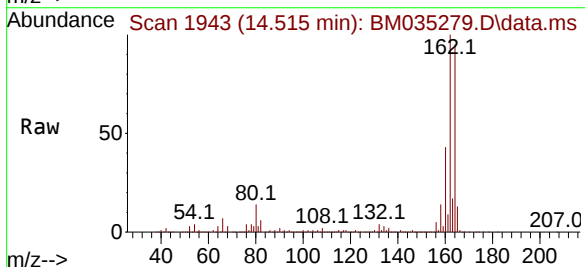
Instrument :
BNA_M
ClientSampleId :
MW-39DL

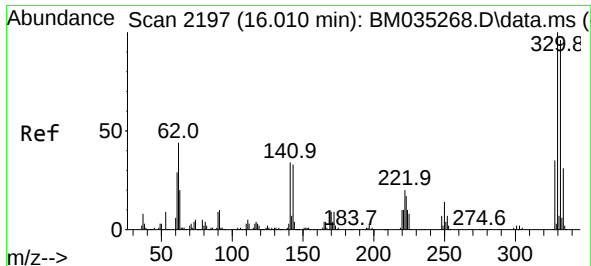
Tgt Ion:142 Resp: 294244
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4
116 4.5 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.515 min Scan# 1943
Delta R.T. -0.007 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

Tgt Ion:164 Resp: 345008
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.6
160 45.6 37.0 55.4

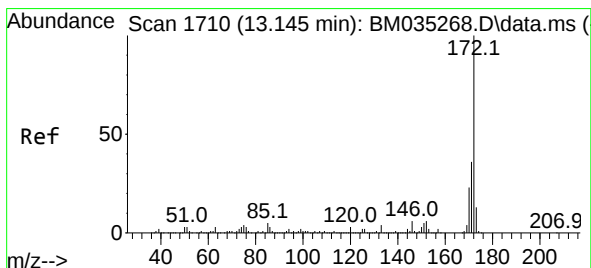
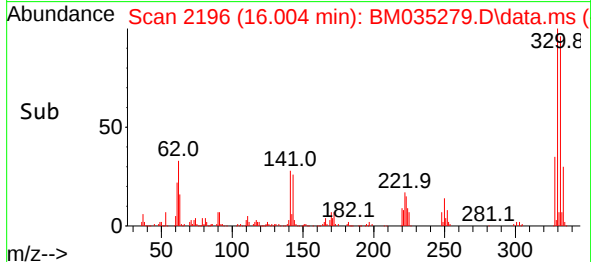
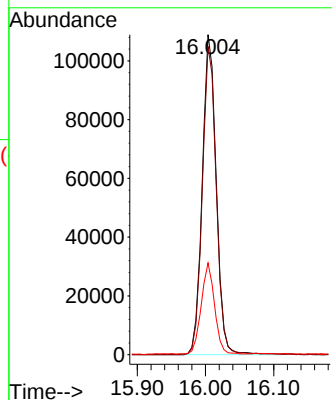
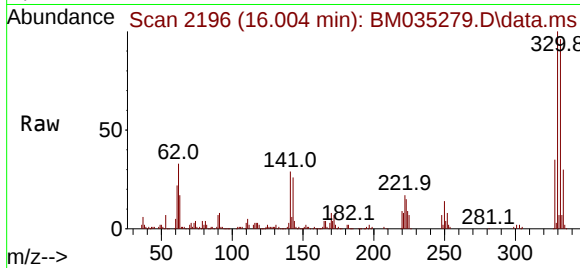




#42
2,4,6-Tribromophenol
Concen: 27.569 ng
RT: 16.004 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

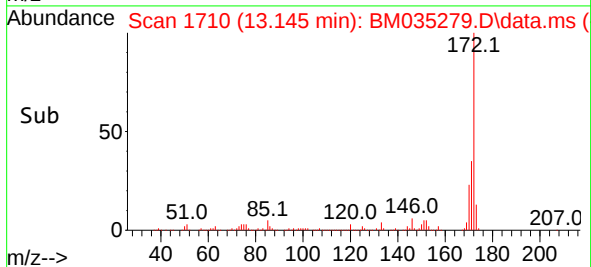
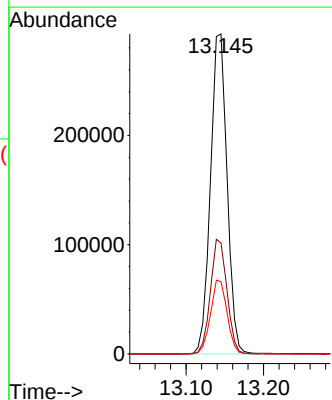
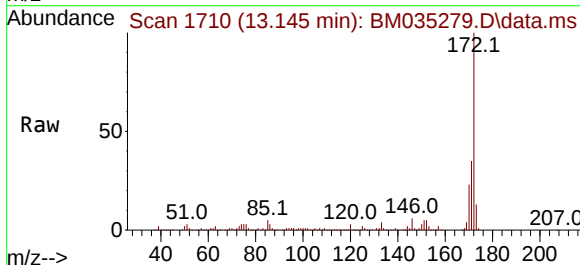
Instrument :
BNA_M
ClientSampleId :
MW-39DL

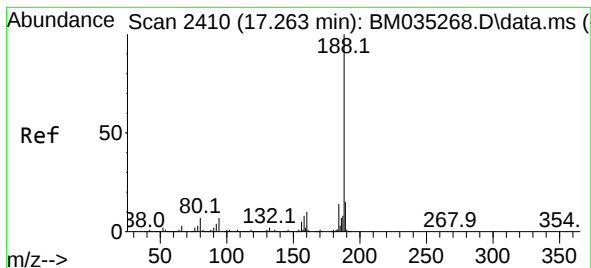
Tgt Ion:330 Resp: 155539
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 27.0 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 17.964 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

Tgt Ion:172 Resp: 436212
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.262 min Scan# 2410

Delta R.T. -0.001 min

Lab File: BM035279.D

Acq: 26 May 2022 21:53

Instrument :

BNA_M

ClientSampleId :

MW-39DL

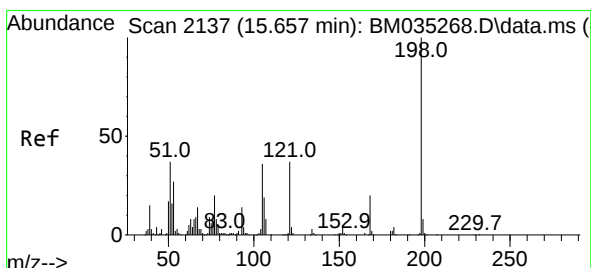
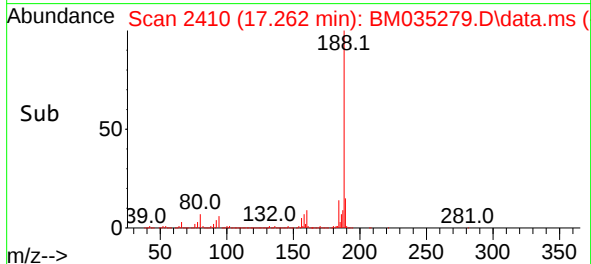
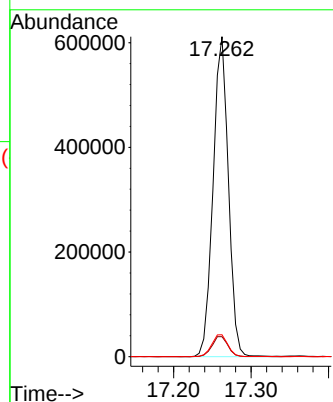
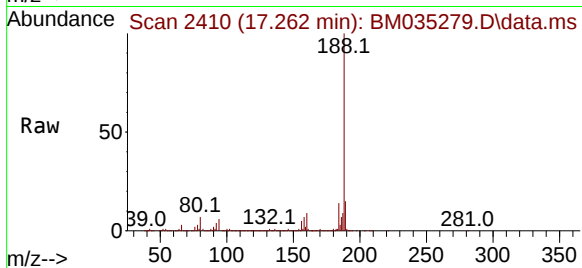
Tgt Ion:188 Resp: 837923

Ion Ratio Lower Upper

188 100

94 6.3 7.0 10.4#

80 6.9 7.6 11.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 3.077 ng

RT: 15.715 min Scan# 2147

Delta R.T. 0.058 min

Lab File: BM035279.D

Acq: 26 May 2022 21:53

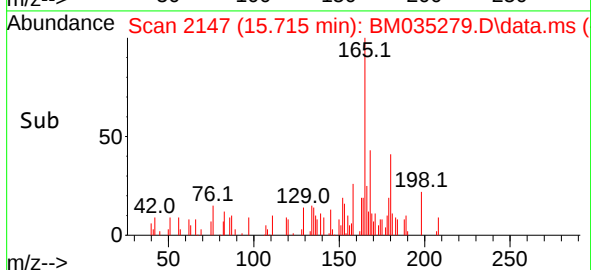
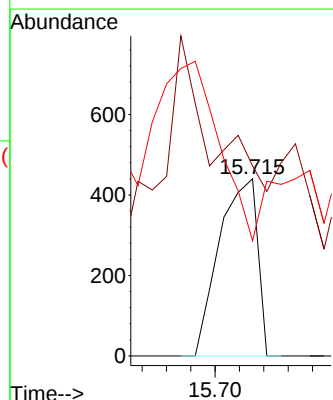
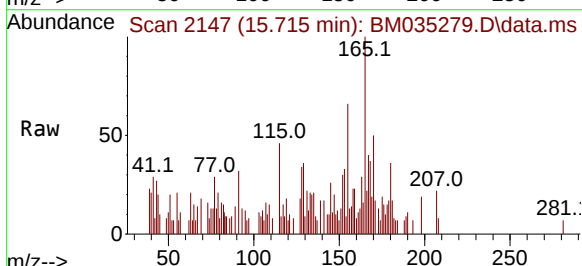
Tgt Ion:198 Resp: 479

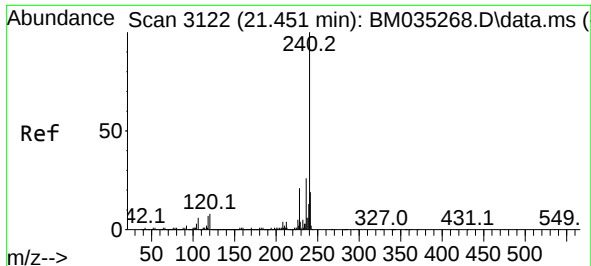
Ion Ratio Lower Upper

198 100

51 107.3 29.0 69.0#

105 65.0 22.1 62.1#

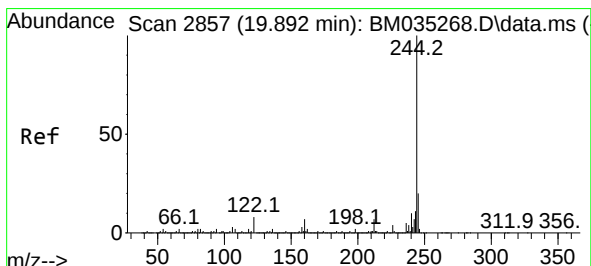
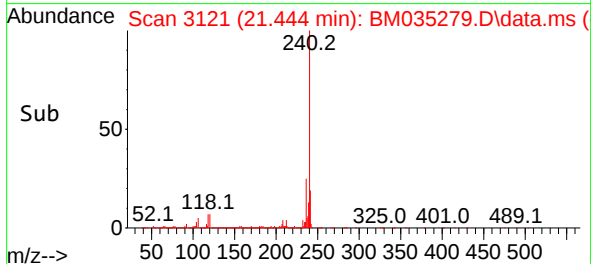
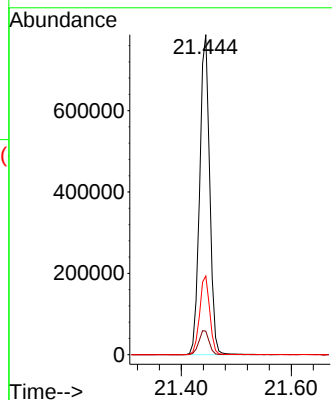
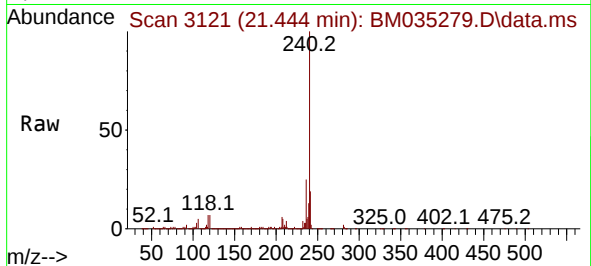




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

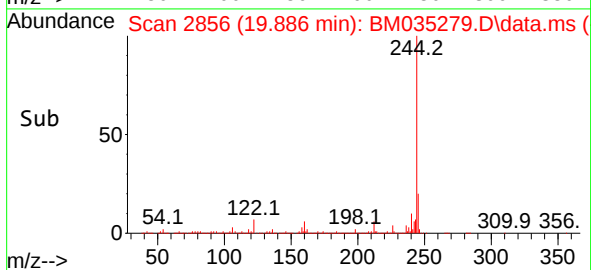
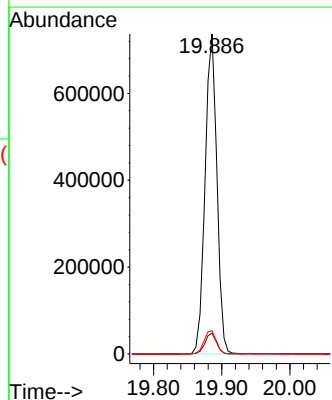
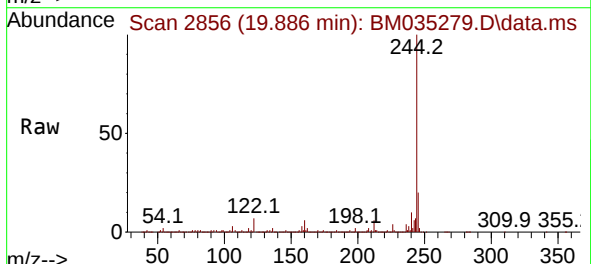
Instrument :
BNA_M
ClientSampleId :
MW-39DL

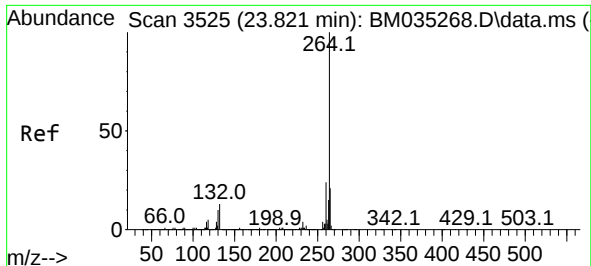
Tgt Ion:240 Resp: 993278
Ion Ratio Lower Upper
240 100
120 7.4 9.4 14.0#
236 24.6 20.6 30.8



#79
Terphenyl-d14
Concen: 17.503 ng
RT: 19.886 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM035279.D
Acq: 26 May 2022 21:53

Tgt Ion:244 Resp: 887741
Ion Ratio Lower Upper
244 100
212 6.5 6.2 9.4
122 7.3 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM035279.D
 Acq: 26 May 2022 21:53

Instrument :
 BNA_M
 ClientSampleId :
 MW-39DL

Tgt Ion:264 Resp: 1045395
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 22.0 17.5 26.3

