

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050275.D
 Acq On : 10 Jun 2025 13:28
 Operator : RC/JU
 Sample : Q2231-02DL2 50X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14-20250604DL2

Quant Time: Jun 10 16:35:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

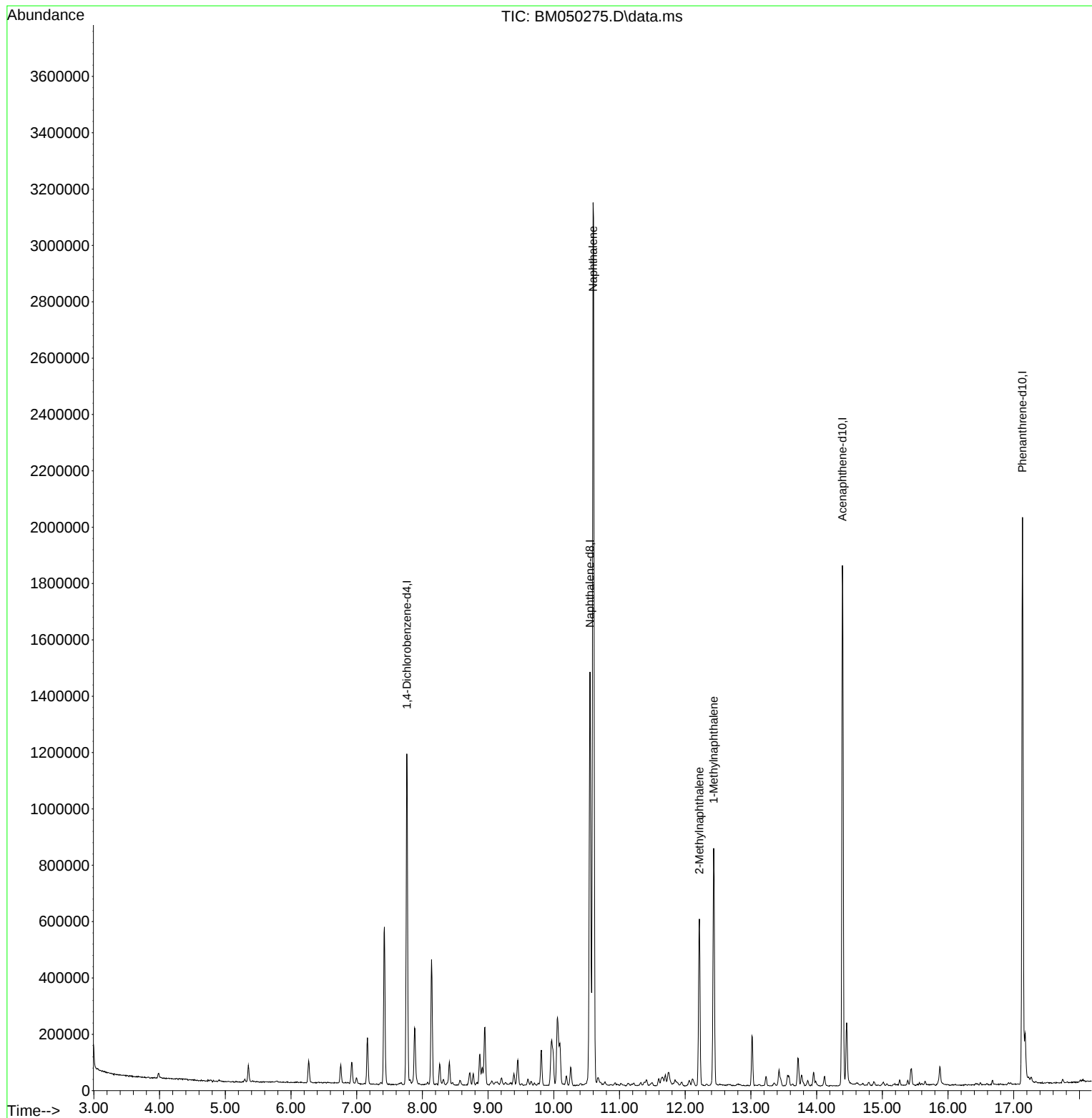
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	323093	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1225983	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	643043	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1187200	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1262062	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1332608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	26344	1.360	ng	0.00
7) Phenol-d6	6.928	99	19909	0.781	ng	0.00
23) Nitrobenzene-d5	8.910	82	36491	1.548	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	12636	1.728	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	90196	1.899	ng	-0.01
79) Terphenyl-d14	19.762	244	121962	1.831	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.598	128	2724515	42.983	ng	100
37) 2-Methylnaphthalene	12.216	142	281390	7.359	ng	98
38) 1-Methylnaphthalene	12.433	142	386014	9.511	ng	99

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

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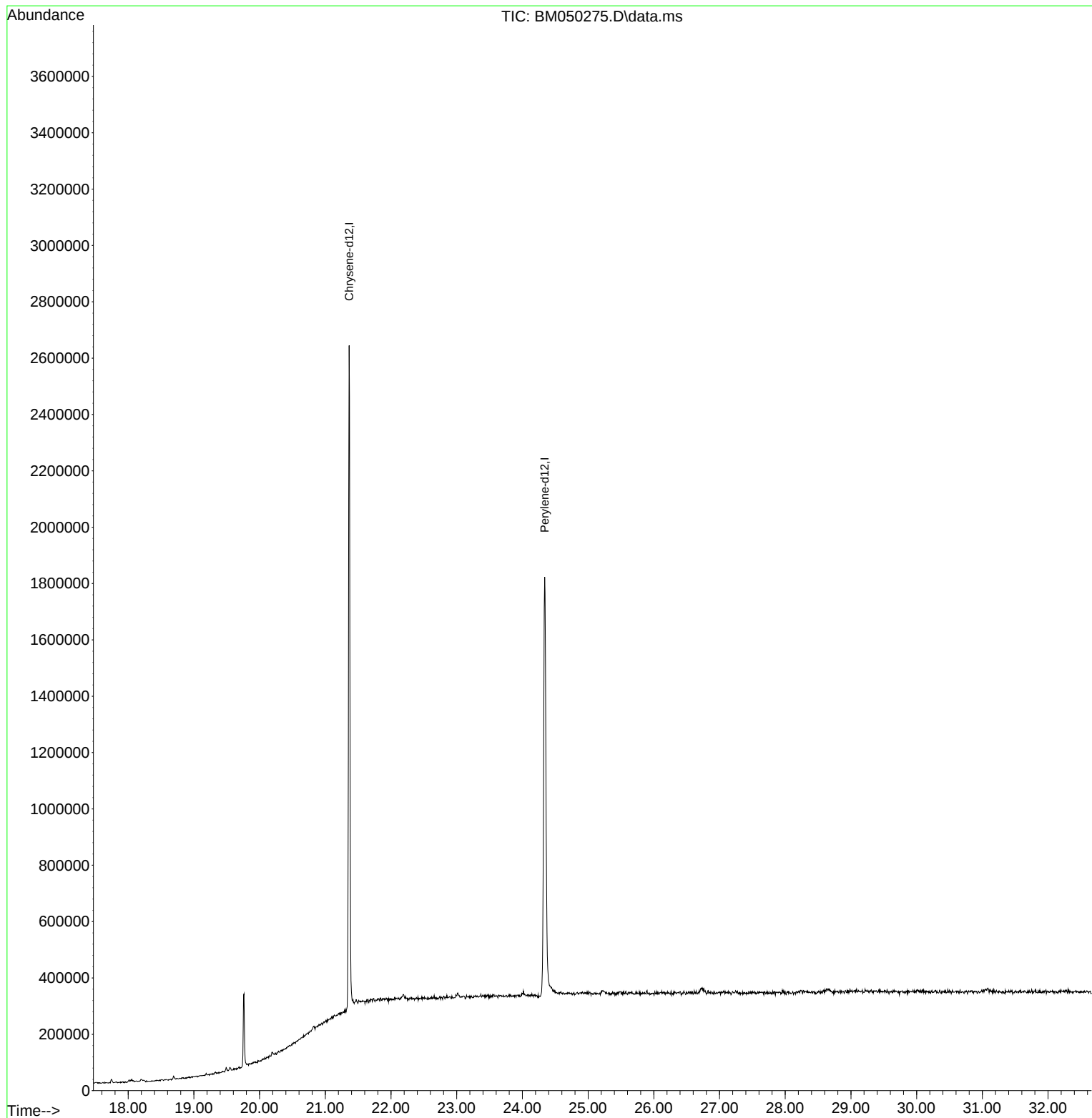
Quant Time: Jun 10 16:35:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

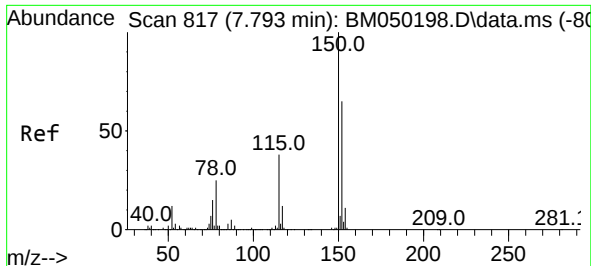


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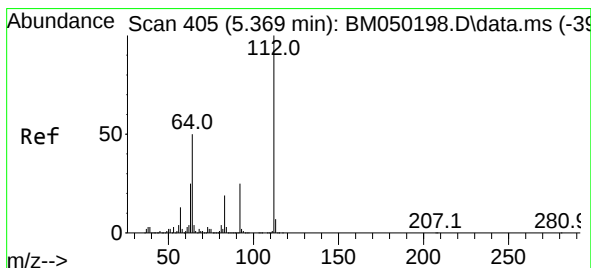
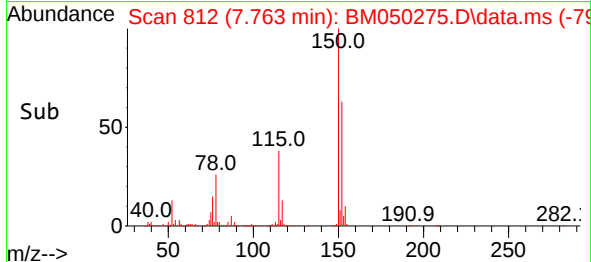
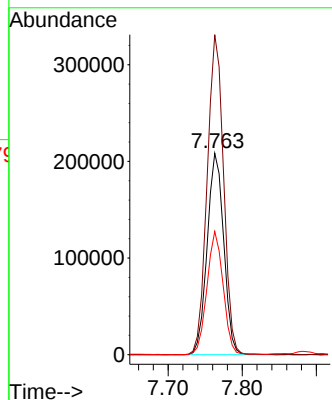
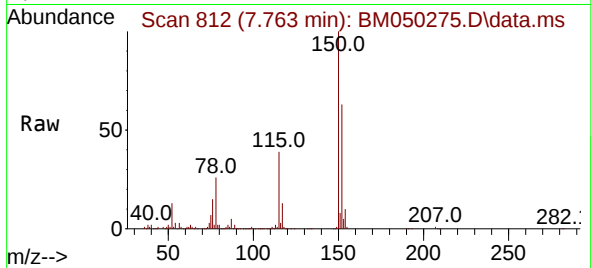




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

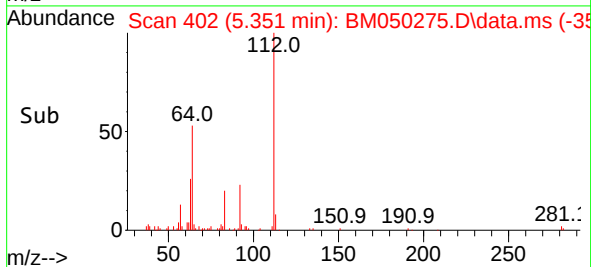
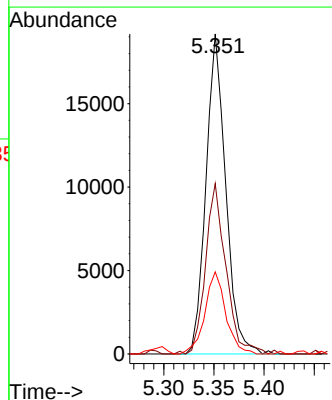
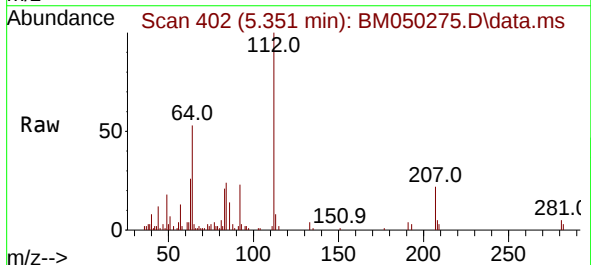
Instrument :
BNA_M
ClientSampleId :
MW-14-20250604DL2

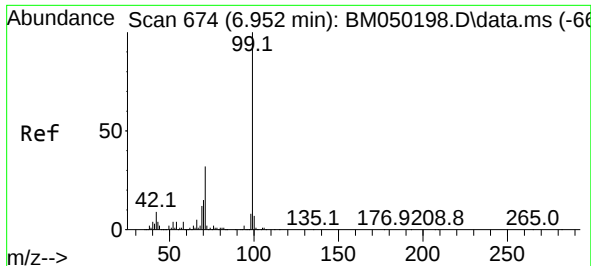
Tgt Ion:152 Resp: 323093
Ion Ratio Lower Upper
152 100
150 158.8 122.2 183.4
115 61.2 46.3 69.5



#5
2-Fluorophenol
Concen: 1.360 ng
RT: 5.351 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

Tgt Ion:112 Resp: 26344
Ion Ratio Lower Upper
112 100
64 53.3 39.8 59.6
63 25.7 19.8 29.8

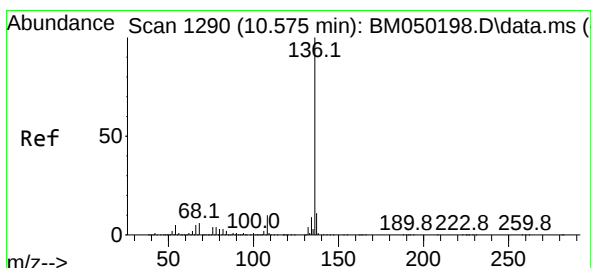
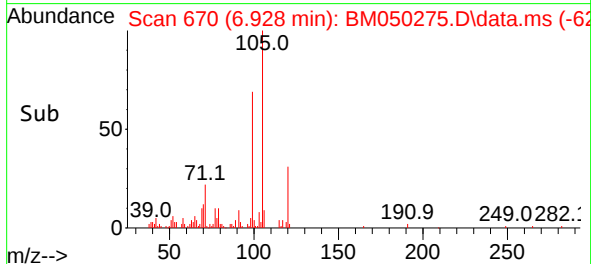
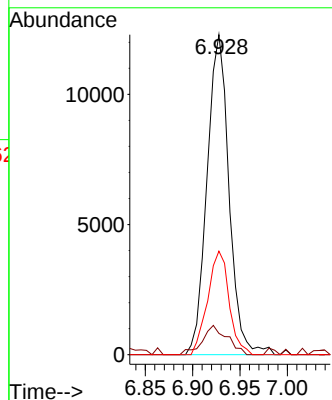
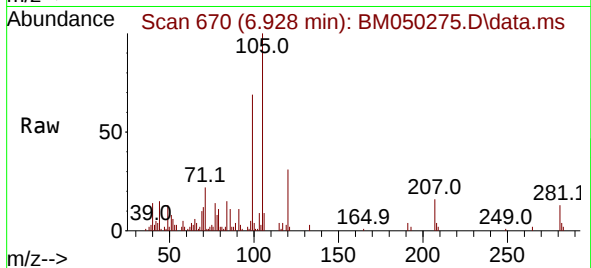




#7
Phenol-d6
Concen: 0.781 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

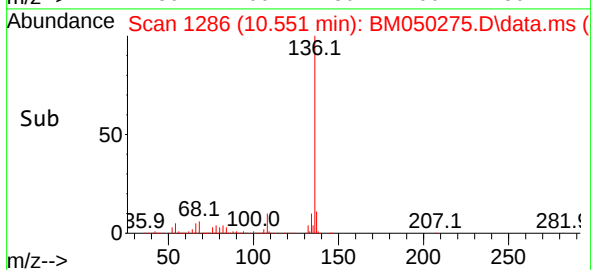
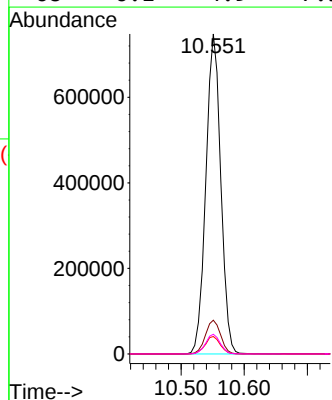
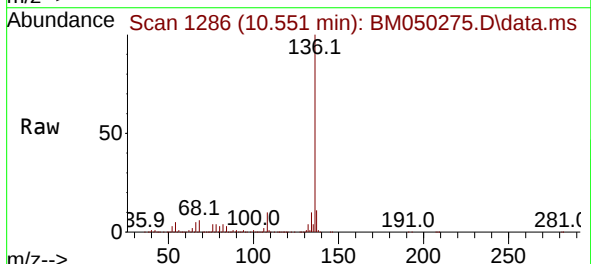
Instrument :
BNA_M
ClientSampleId :
MW-14-20250604DL2

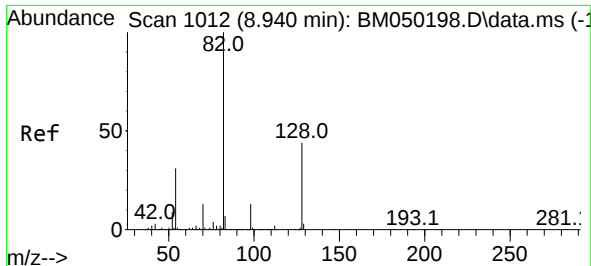
Tgt Ion: 99 Resp: 19909
Ion Ratio Lower Upper
99 100
42 6.7 6.9 10.3#
71 32.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

Tgt Ion: 136 Resp: 1225983
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.4 3.8 5.8
68 6.1 4.9 7.3

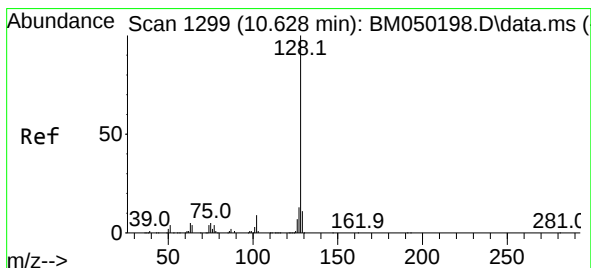
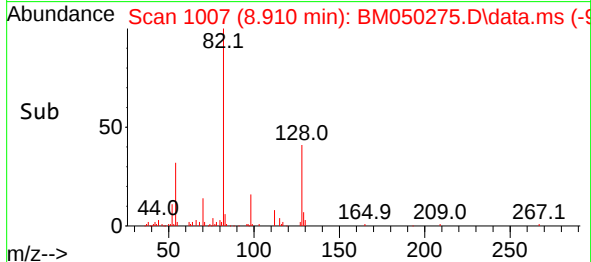
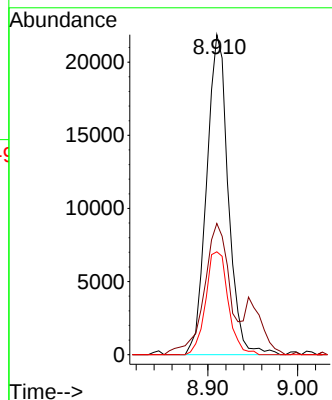
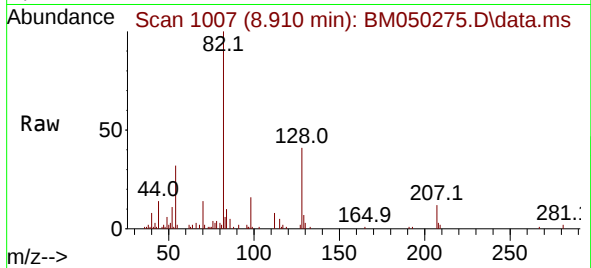




#23
Nitrobenzene-d5
Concen: 1.548 ng
RT: 8.910 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

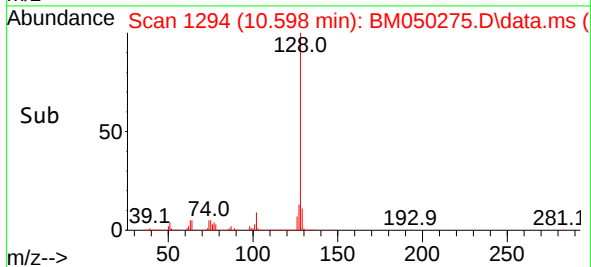
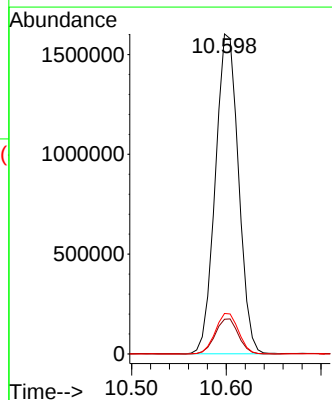
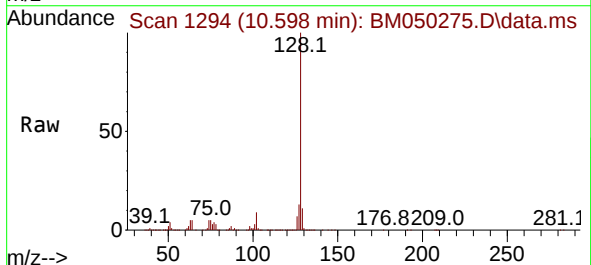
Instrument :
BNA_M
ClientSampleId :
MW-14-20250604DL2

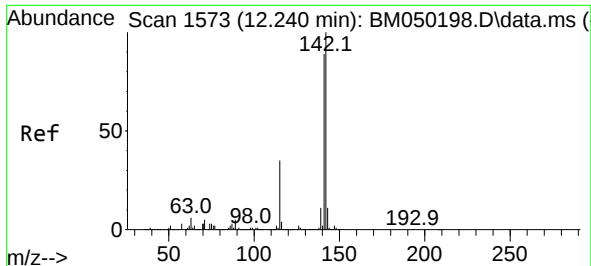
Tgt Ion: 82 Resp: 36491
Ion Ratio Lower Upper
82 100
128 41.0 35.2 52.8
54 32.1 24.5 36.7



#31
Naphthalene
Concen: 42.983 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

Tgt Ion: 128 Resp: 2724515
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.7 10.2 15.4

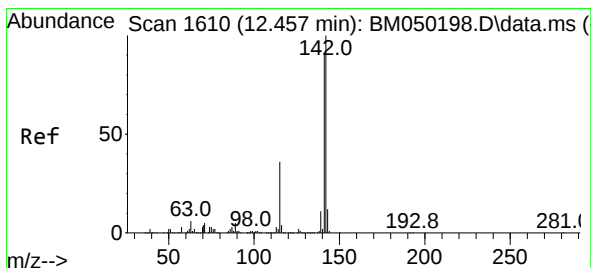
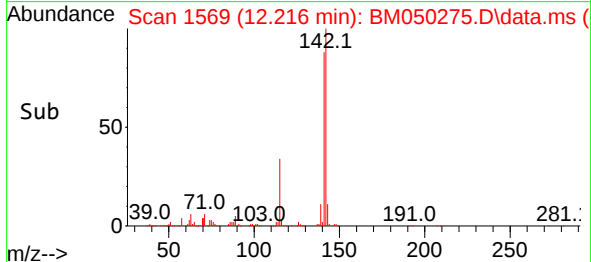
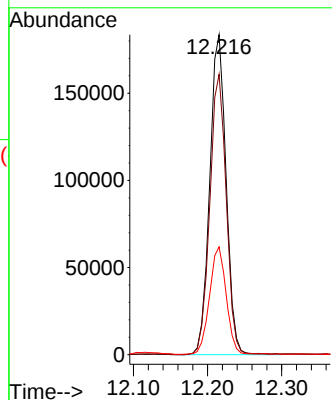
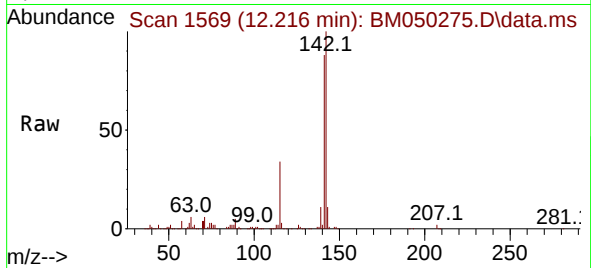




#37
2-Methylnaphthalene
Concen: 7.359 ng
RT: 12.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

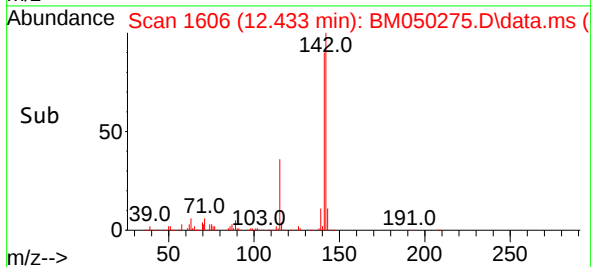
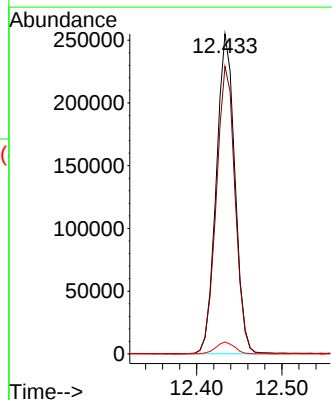
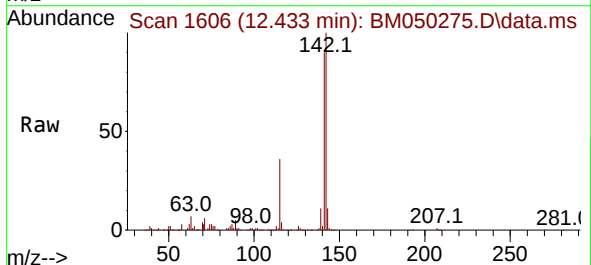
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ClientSampleId :
MW-14-20250604DL2

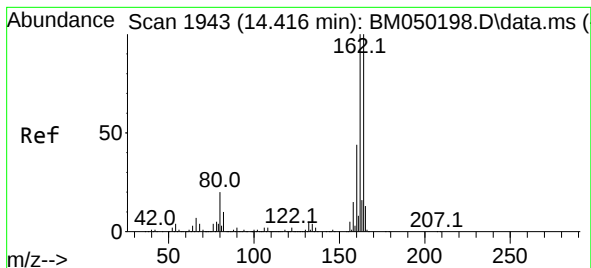
Tgt Ion:142 Resp: 281390
Ion Ratio Lower Upper
142 100
141 87.6 71.5 107.3
115 33.7 27.8 41.8



#38
1-Methylnaphthalene
Concen: 9.511 ng
RT: 12.433 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

Tgt Ion:142 Resp: 386014
Ion Ratio Lower Upper
142 100
141 89.9 72.9 109.3
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM050275.D

Acq: 10 Jun 2025 13:28

Instrument :

BNA_M

ClientSampleId :

MW-14-20250604DL2

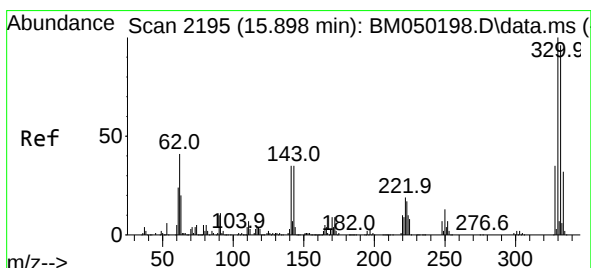
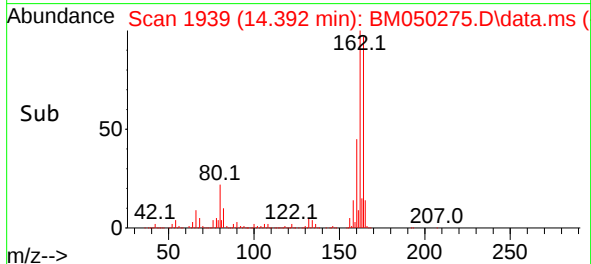
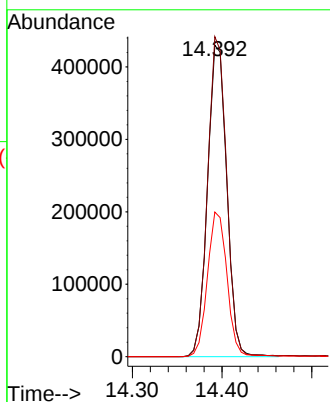
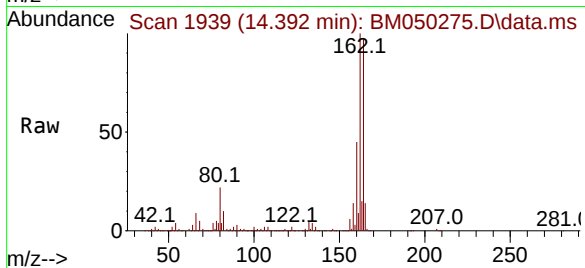
Tgt Ion:164 Resp: 643043

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.4

160 46.5 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 1.728 ng

RT: 15.880 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BM050275.D

Acq: 10 Jun 2025 13:28

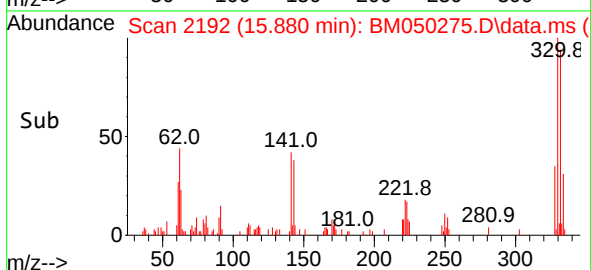
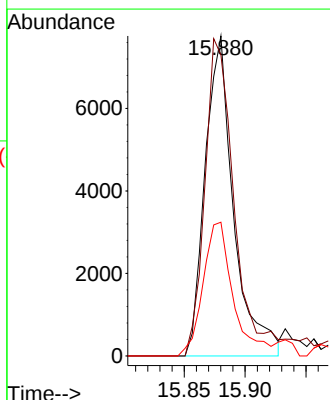
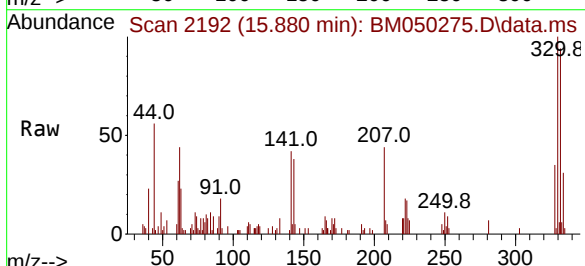
Tgt Ion:330 Resp: 12636

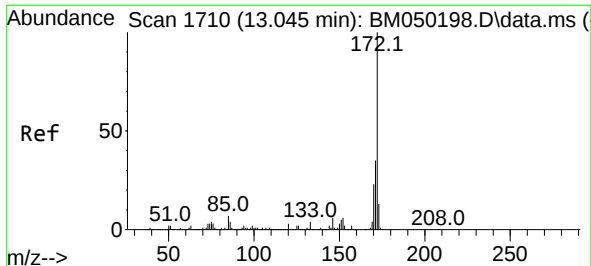
Ion Ratio Lower Upper

330 100

332 108.4 77.5 116.3

141 44.0 28.8 43.2#

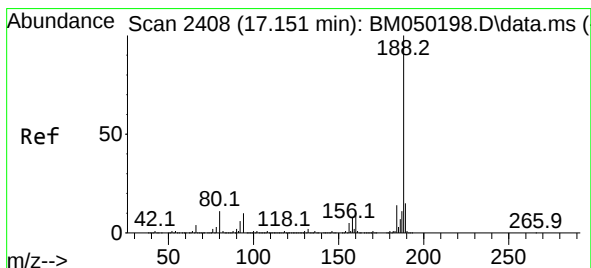
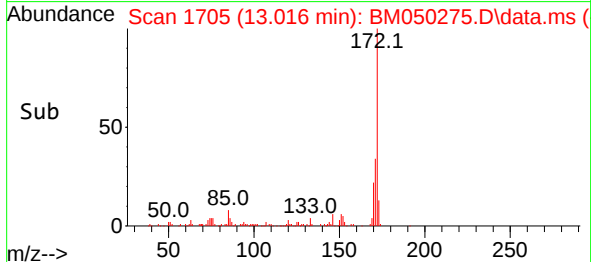
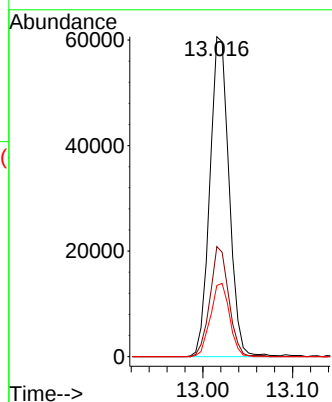
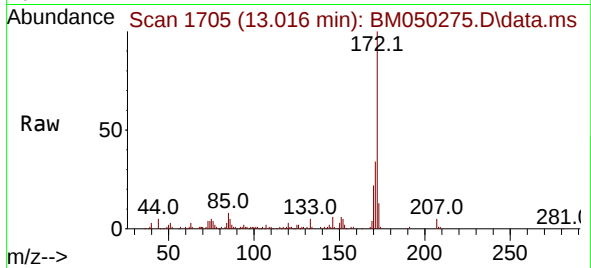




#45
2-Fluorobiphenyl
Concen: 1.899 ng
RT: 13.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

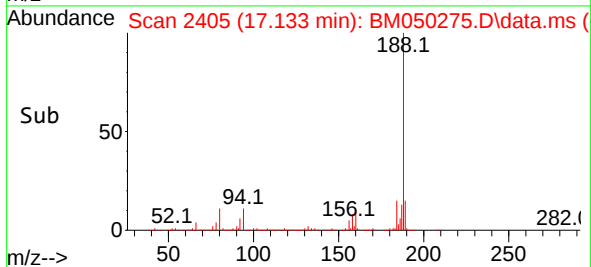
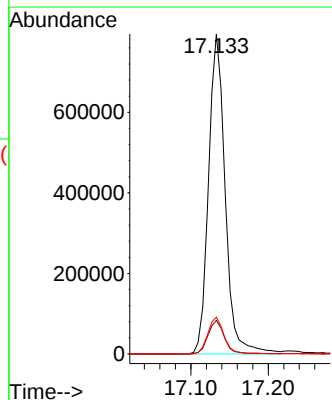
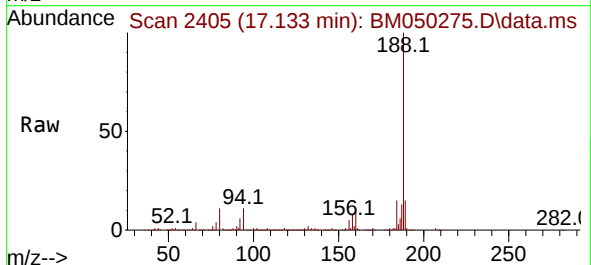
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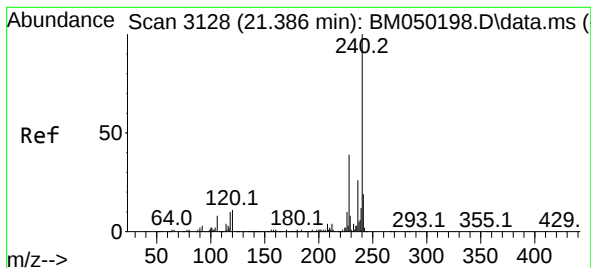
Tgt Ion:172 Resp: 90196
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.3 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050275.D
Acq: 10 Jun 2025 13:28

Tgt Ion:188 Resp: 1187200
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 11.5 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.362 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050275.D

Acq: 10 Jun 2025 13:28

Instrument :

BNA_M

ClientSampleId :

MW-14-20250604DL2

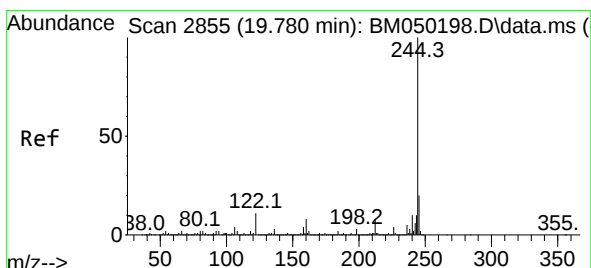
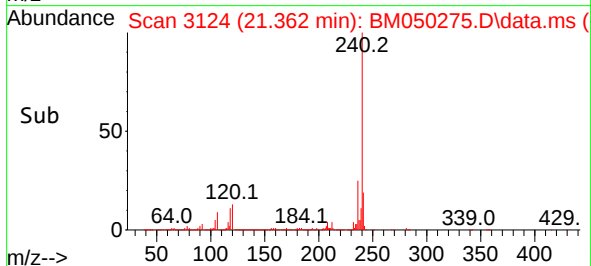
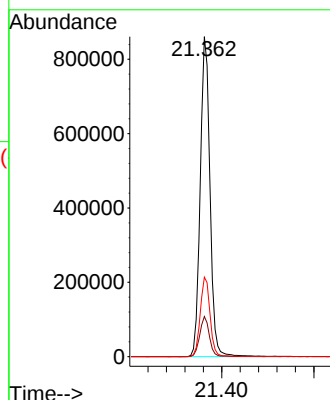
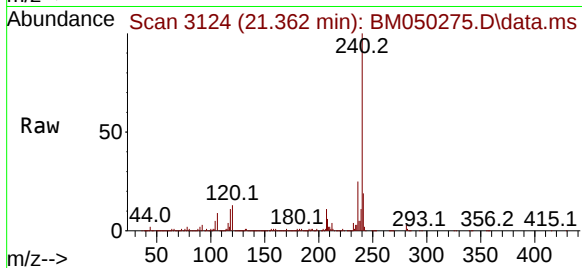
Tgt Ion:240 Resp: 1262062

Ion Ratio Lower Upper

240 100

120 12.6 9.0 13.4

236 24.9 20.7 31.1



#79

Terphenyl-d14

Concen: 1.831 ng

RT: 19.762 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM050275.D

Acq: 10 Jun 2025 13:28

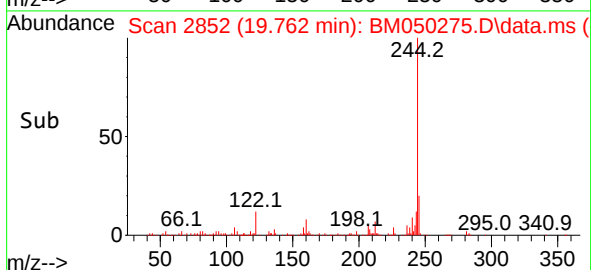
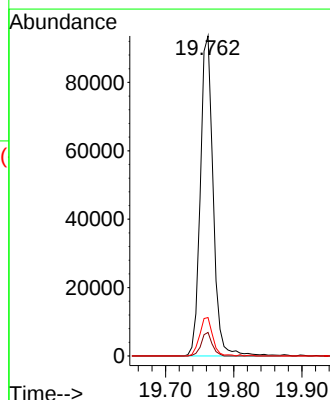
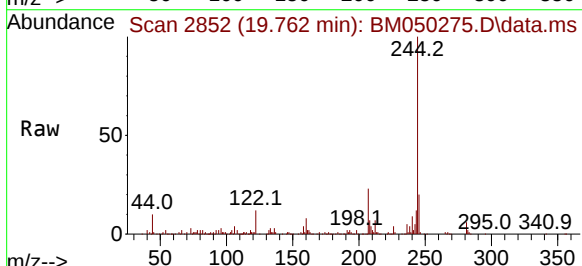
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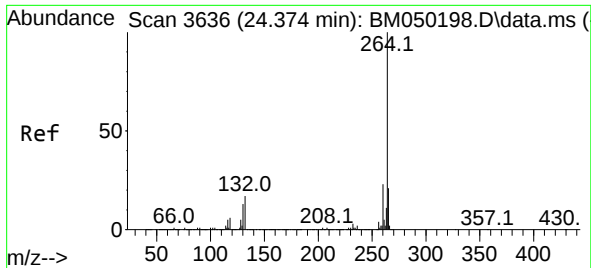
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

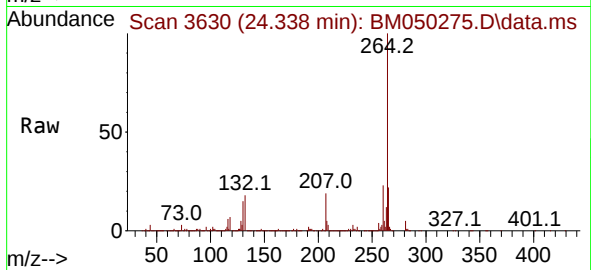
122 12.0 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.338 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM050275.D
 Acq: 10 Jun 2025 13:28

Instrument :
 BNA_M
 ClientSampleId :
 MW-14-20250604DL2



Tgt Ion:264 Resp: 1332608
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 21.9 16.8 25.2

