

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
 Data File : BM049996.D
 Acq On : 22 Apr 2025 15:10
 Operator : RC/JU
 Sample : Q1847-03 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PAD-24125

Quant Time: Apr 22 15:46:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

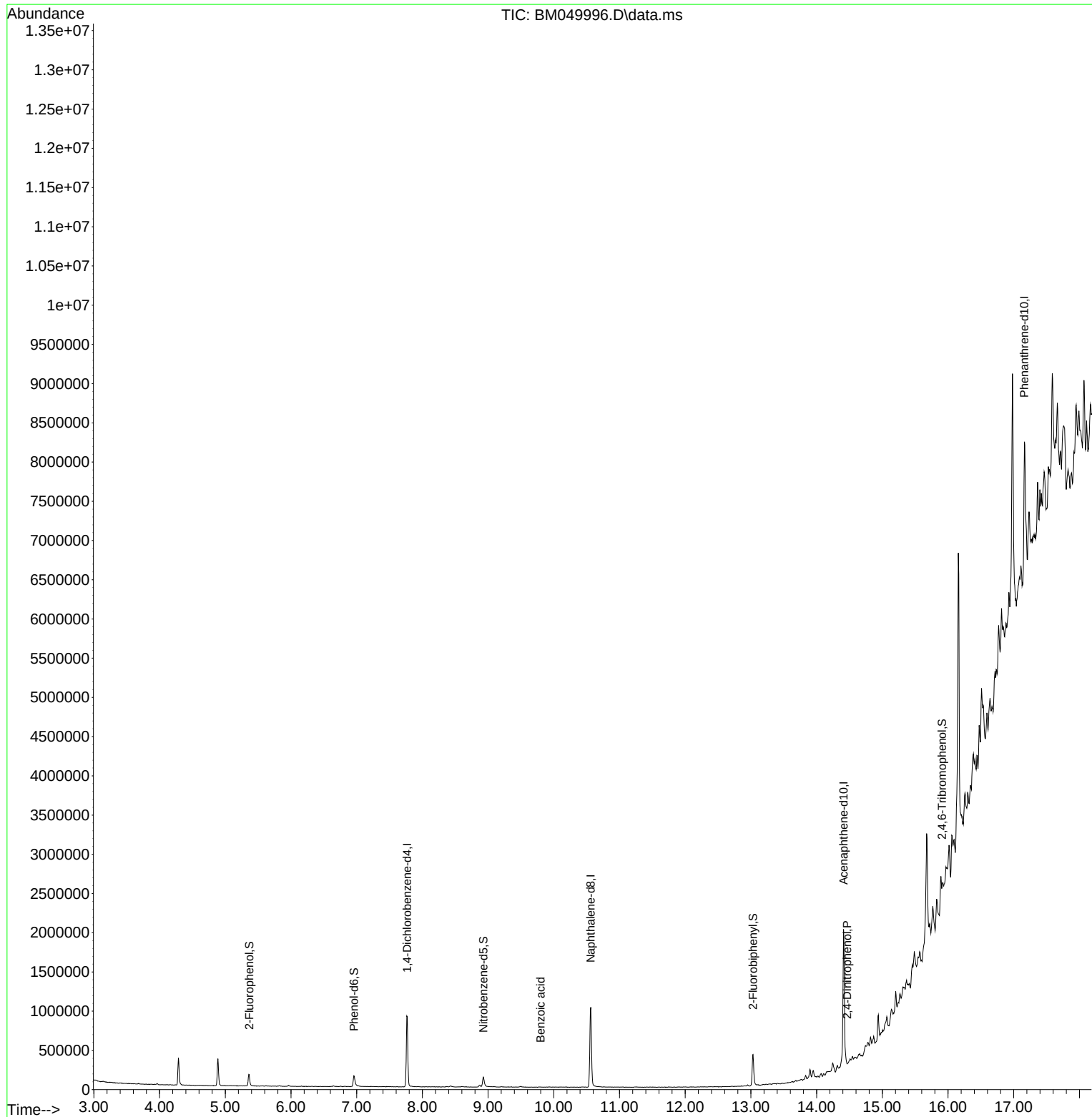
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	272361	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	937308	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	631805	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	1062180	20.000	ng	# 0.00
76) Chrysene-d12	21.403	240	1118445	20.000	ng	0.00
86) Perylene-d12	24.409	264	1262104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	81863	5.104	ng	0.00
7) Phenol-d6	6.957	99	118065	5.916	ng	0.00
23) Nitrobenzene-d5	8.928	82	89900	5.341	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	52464	5.709	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	263455	5.654	ng	-0.01
79) Terphenyl-d14	19.792	244	372865	6.248	ng	0.00
Target Compounds						
32) Benzoic acid	9.798	122	68	8.543	ng	# 64
54) 2,4-Dinitrophenol	14.463	184	107	7.239	ng	# 1

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

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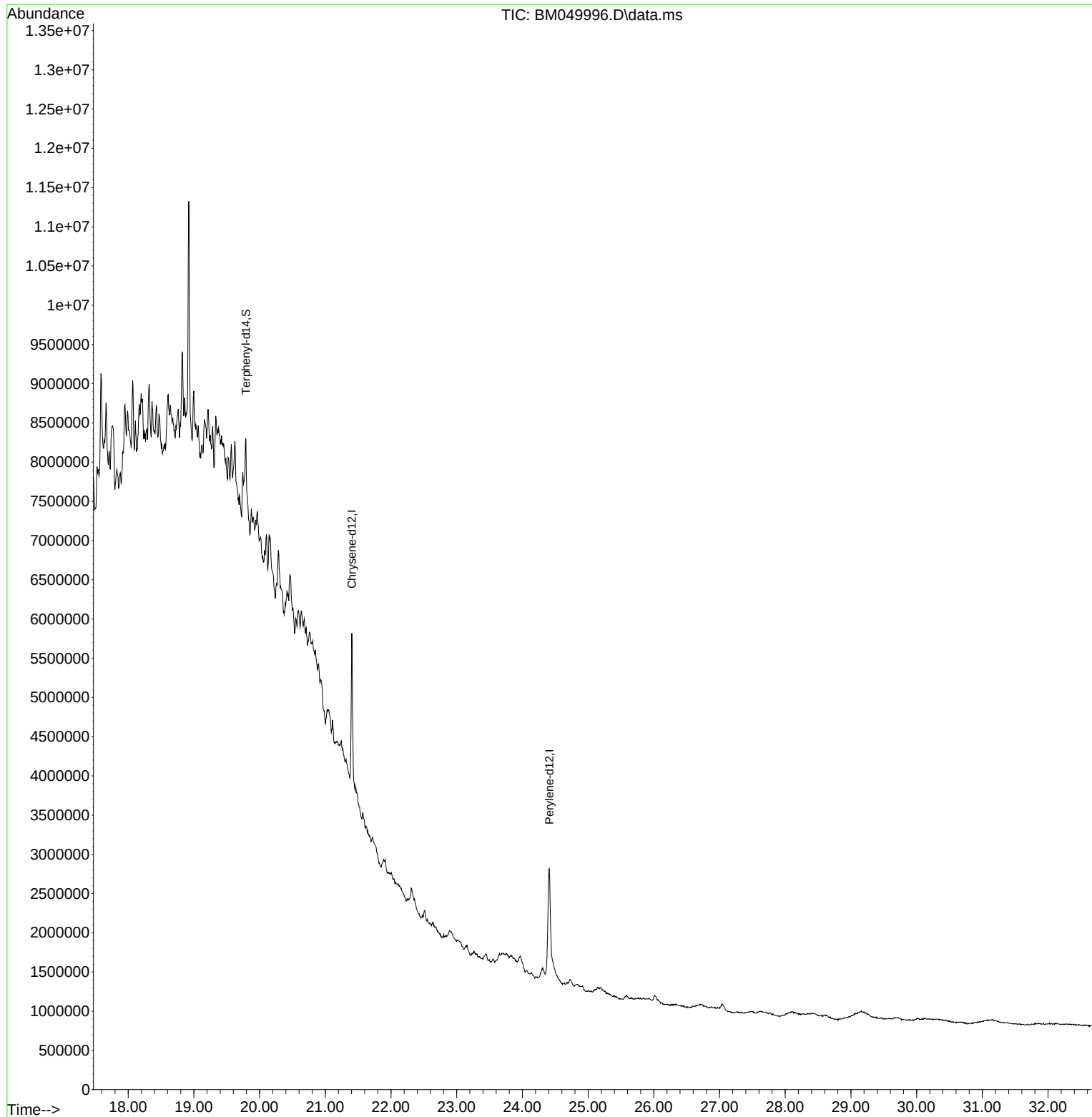
Quant Time: Apr 22 15:46:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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QLast Update : Wed Apr 09 04:00:55 2025
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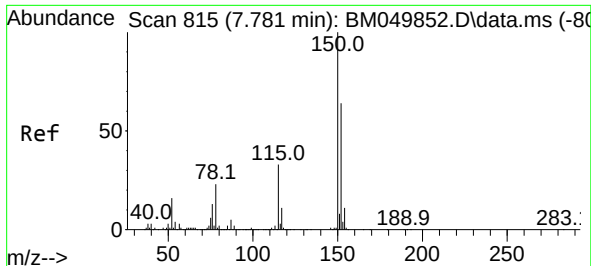


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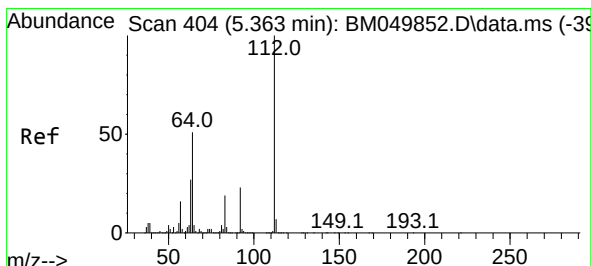
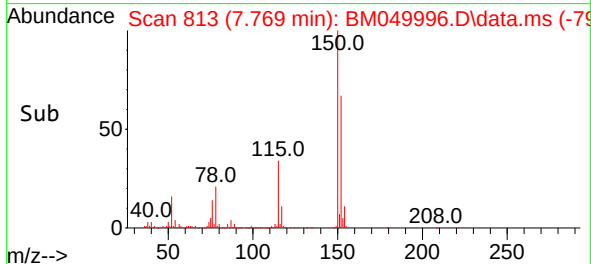
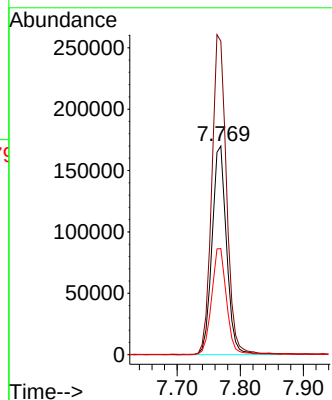
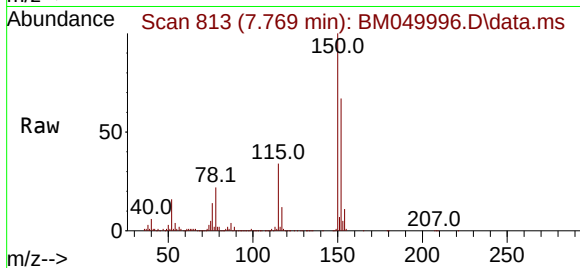




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

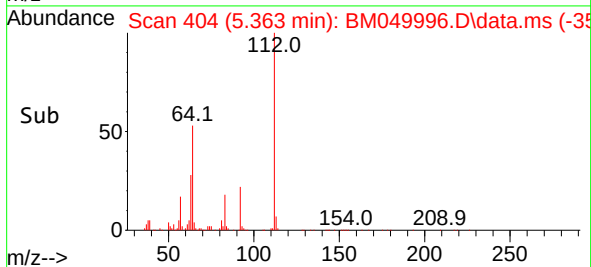
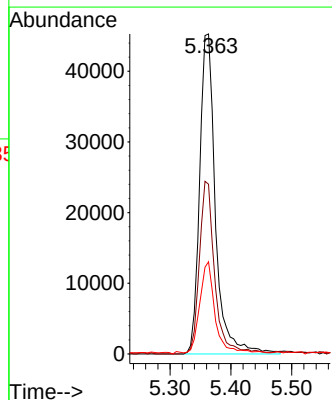
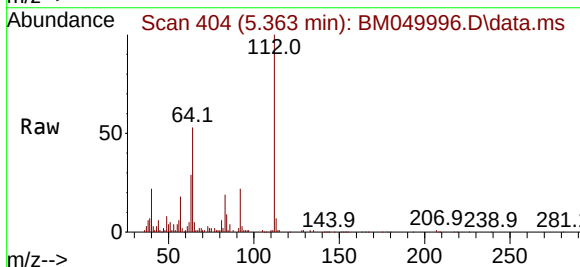
Instrument :
BNA_M
ClientSampleId :
PAD-24125

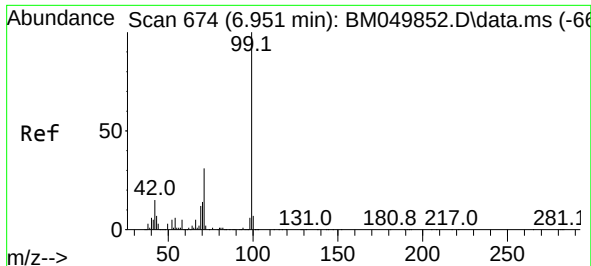
Tgt Ion:152 Resp: 272361
Ion Ratio Lower Upper
152 100
150 150.3 124.3 186.5
115 50.8 41.1 61.7



#5
2-Fluorophenol
Concen: 5.104 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:112 Resp: 81863
Ion Ratio Lower Upper
112 100
64 53.0 41.0 61.6
63 28.8 21.5 32.3

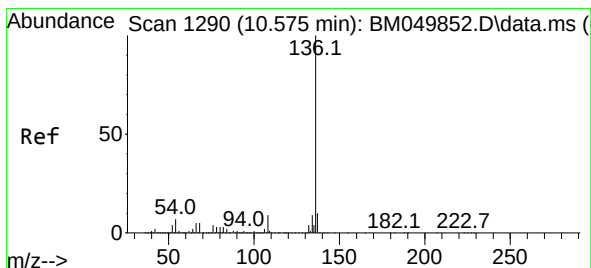
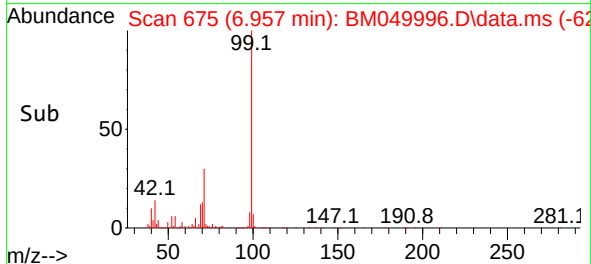
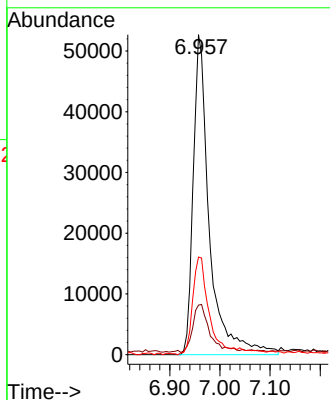
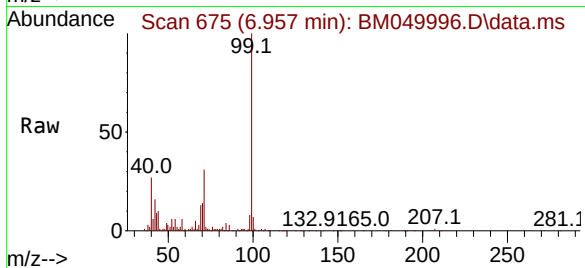




#7
Phenol-d6
Concen: 5.916 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

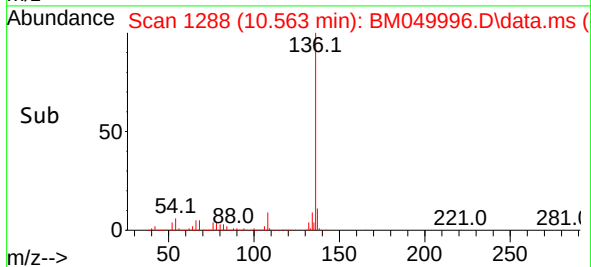
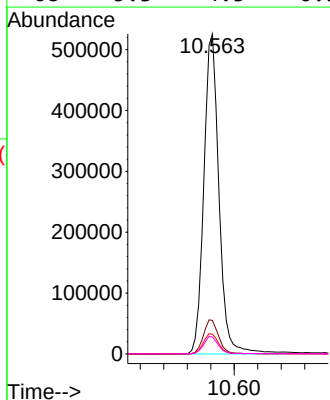
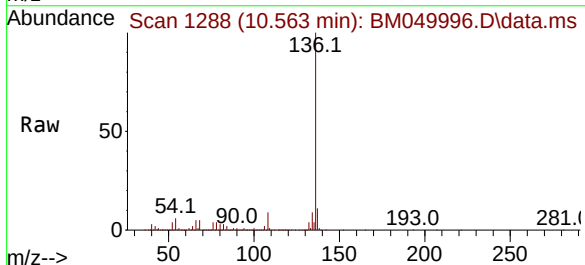
Instrument :
BNA_M
ClientSampleId :
PAD-24125

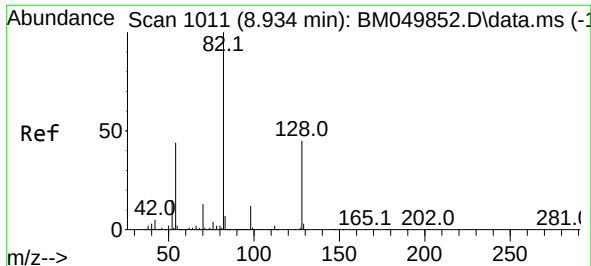
Tgt Ion: 99 Resp: 118065
Ion Ratio Lower Upper
99 100
42 15.5 12.1 18.1
71 30.5 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion: 136 Resp: 937308
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 6.2 5.3 7.9
68 5.3 4.3 6.5

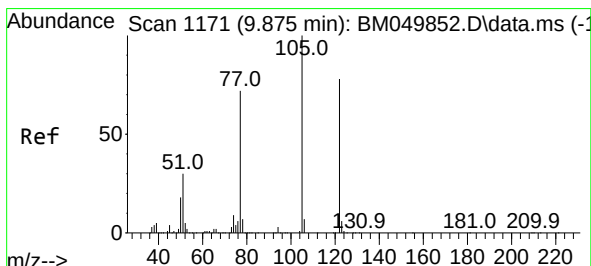
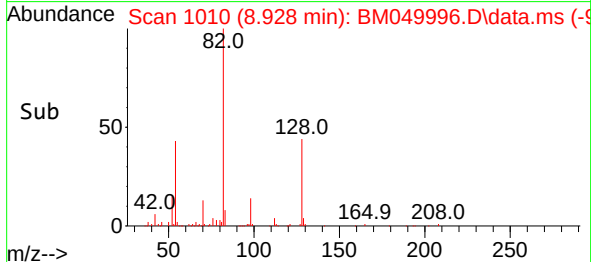
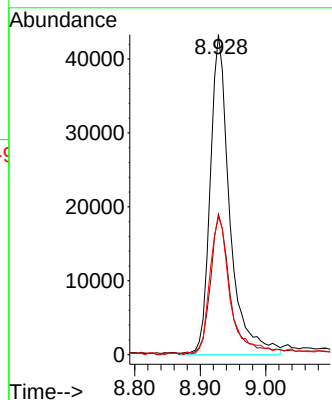
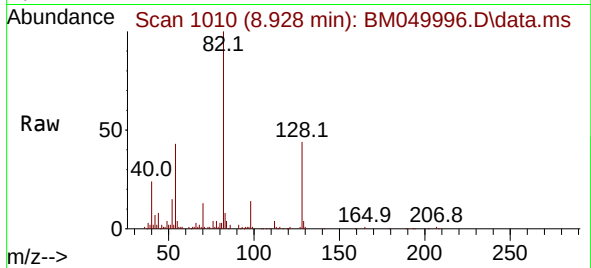




#23
Nitrobenzene-d5
Concen: 5.341 ng
RT: 8.928 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

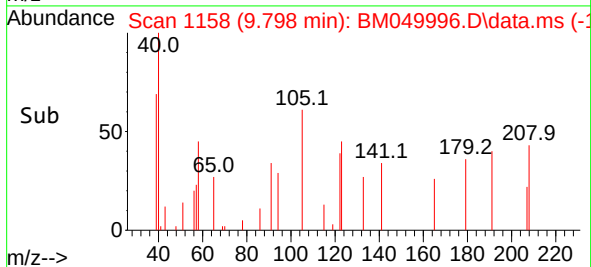
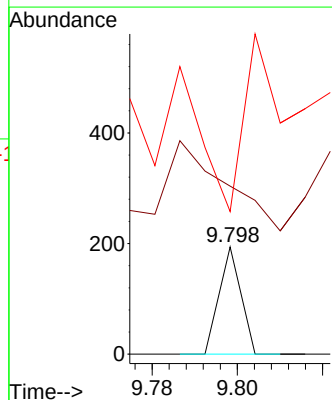
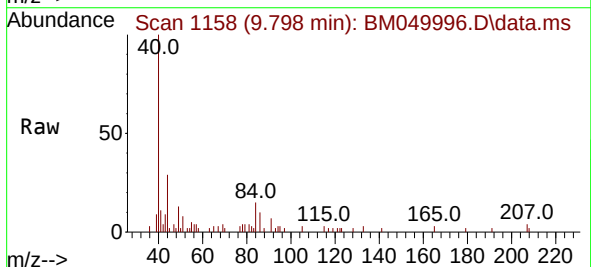
Instrument :
BNA_M
ClientSampleId :
PAD-24125

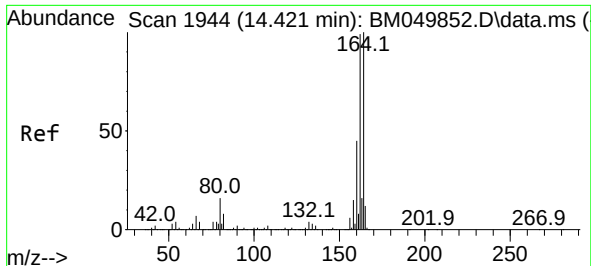
Tgt Ion: 82 Resp: 89900
Ion Ratio Lower Upper
82 100
128 43.9 36.2 54.2
54 43.0 35.0 52.6



#32
Benzoic acid
Concen: 8.543 ng
RT: 9.798 min Scan# 1158
Delta R.T. -0.077 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 156.7 103.8 143.8#
77 133.0 70.7 110.7#

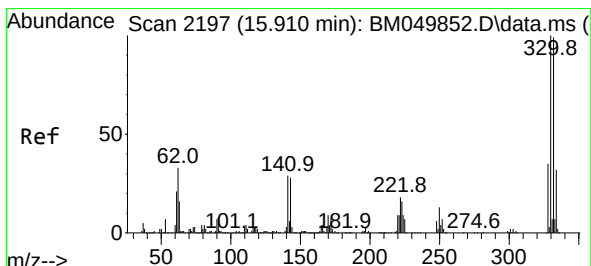
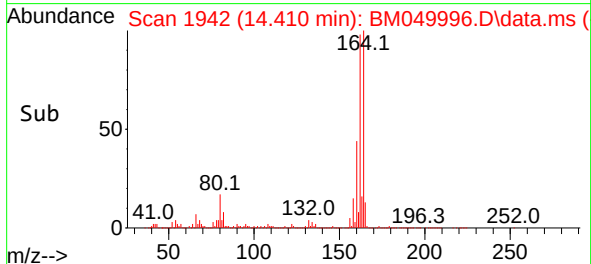
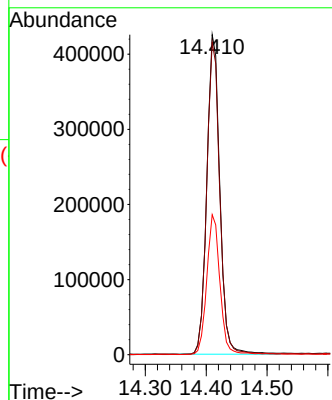
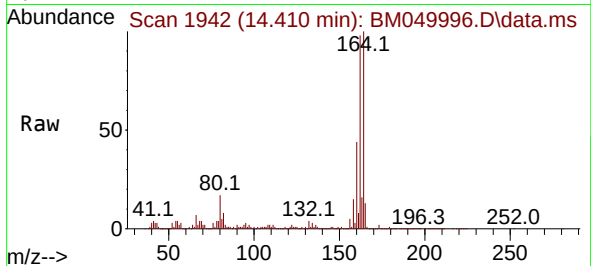




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

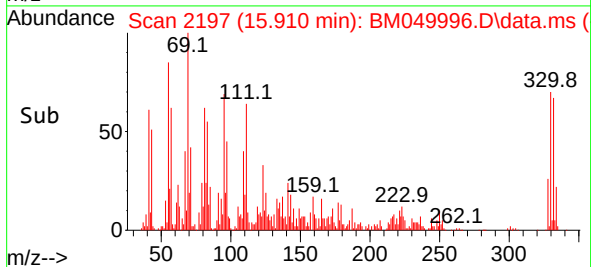
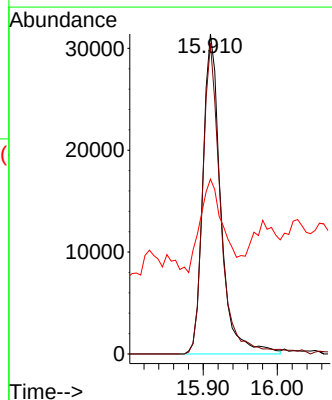
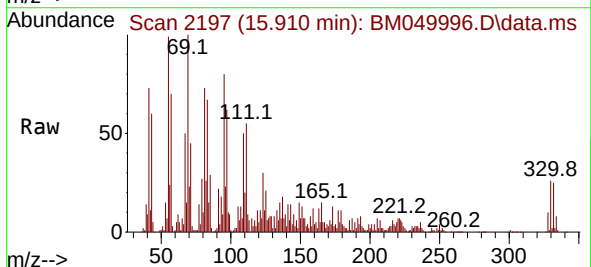
Instrument :
BNA_M
ClientSampleId :
PAD-24125

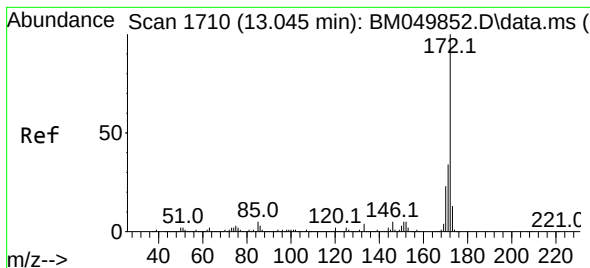
Tgt Ion:164 Resp: 631805
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.0
160 43.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 5.709 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:330 Resp: 52464
Ion Ratio Lower Upper
330 100
332 97.8 78.0 117.0
141 36.5 23.5 35.3#

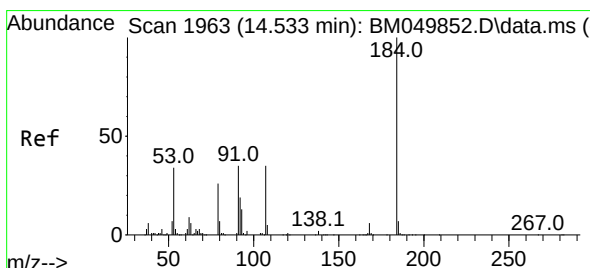
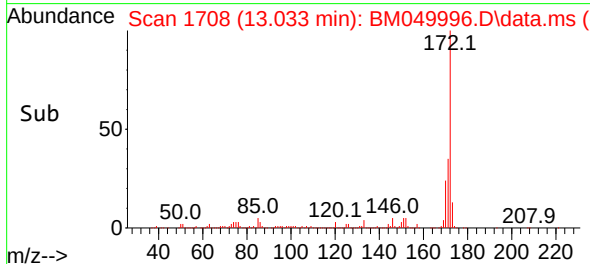
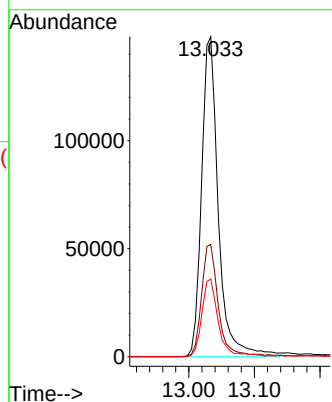
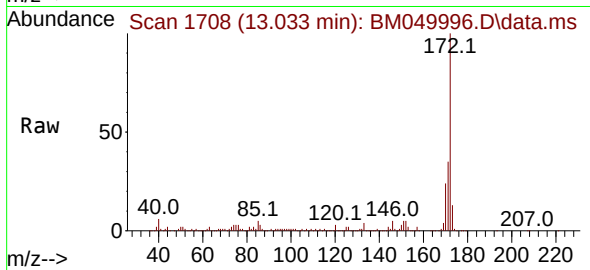




#45
2-Fluorobiphenyl
Concen: 5.654 ng
RT: 13.033 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

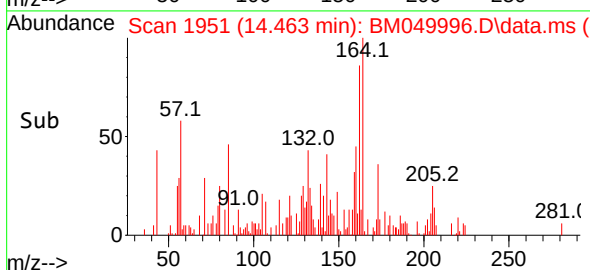
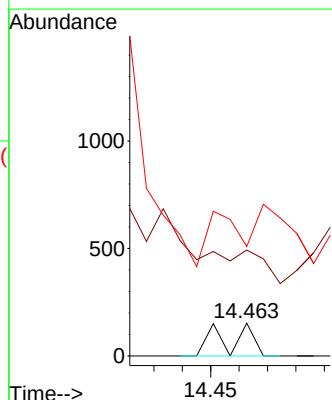
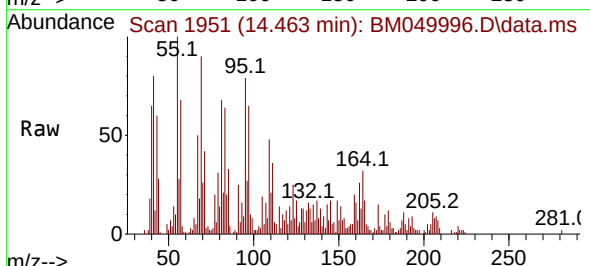
Instrument :
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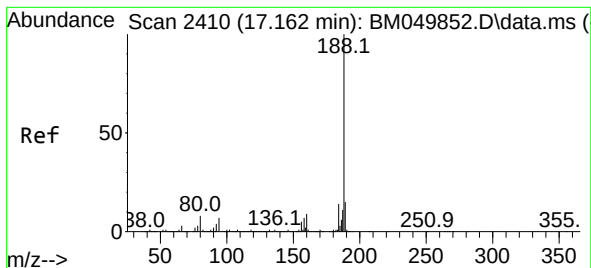
Tgt Ion:172 Resp: 263455
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.2
170 24.3 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 7.239 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.070 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:184 Resp: 107
Ion Ratio Lower Upper
184 100
63 324.3 38.4 57.6#
154 334.9 48.1 72.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM049996.D

Acq: 22 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

PAD-24125

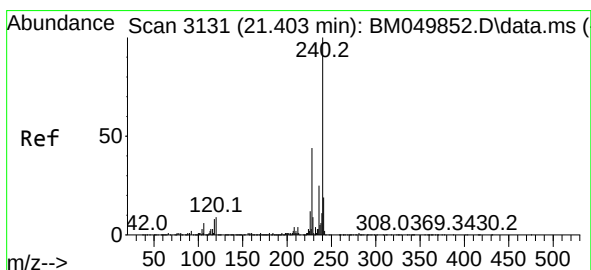
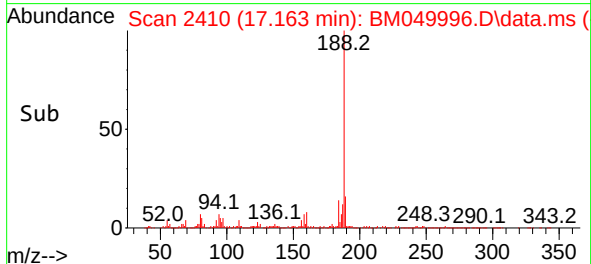
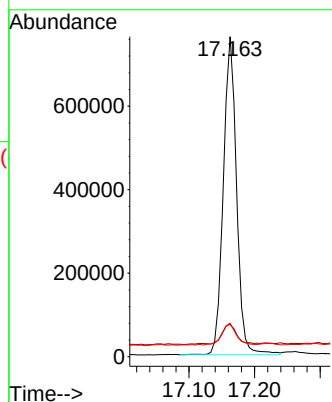
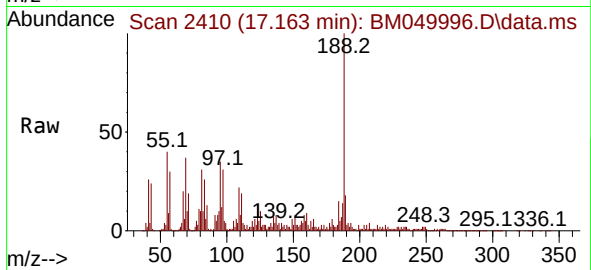
Tgt Ion:188 Resp: 1062180

Ion Ratio Lower Upper

188 100

94 10.1 5.8 8.6#

80 10.4 6.4 9.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM049996.D

Acq: 22 Apr 2025 15:10

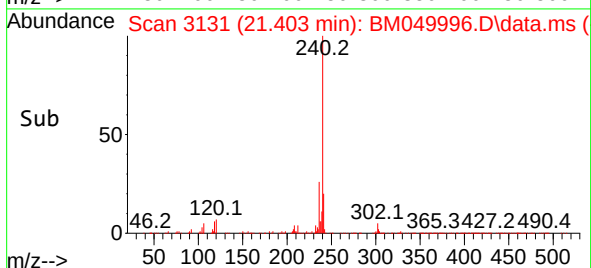
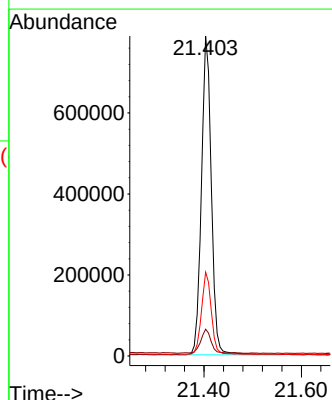
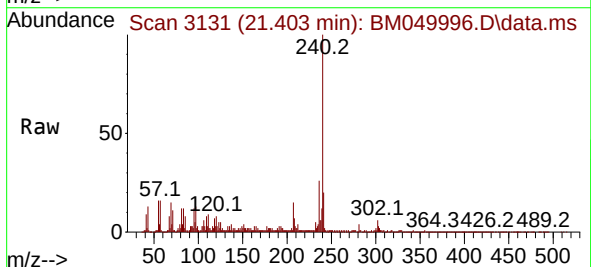
Tgt Ion:240 Resp: 1118445

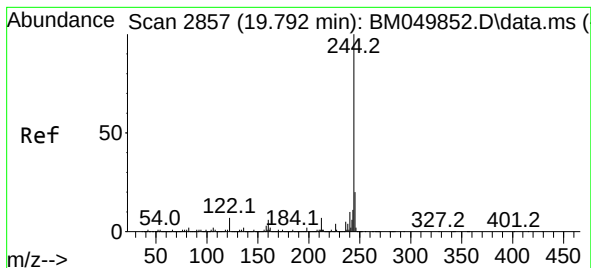
Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

236 26.2 20.4 30.6





#79

Terphenyl-d14

Concen: 6.248 ng

RT: 19.792 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049996.D

Acq: 22 Apr 2025 15:10

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PAD-24125

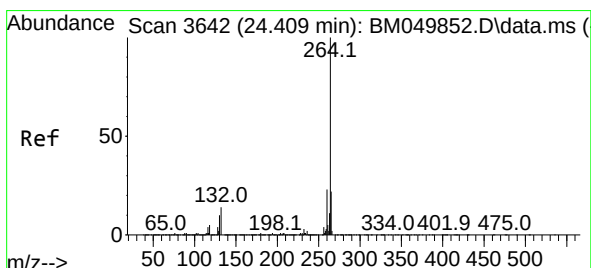
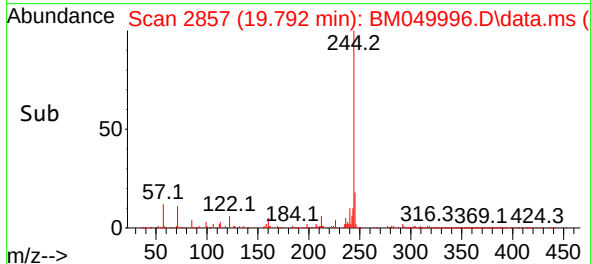
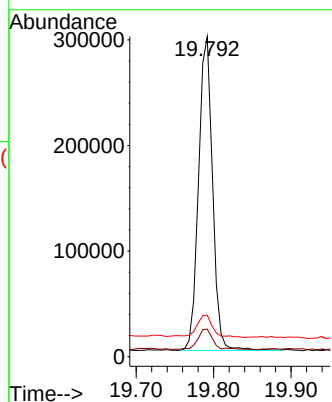
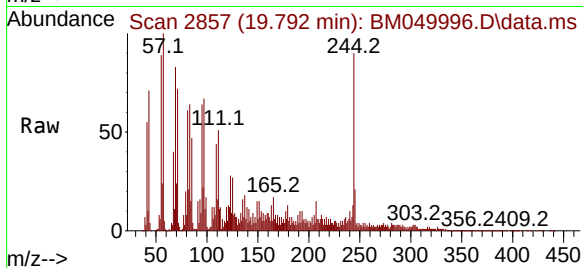
Tgt Ion:244 Resp: 372865

Ion Ratio Lower Upper

244 100

212 8.6 5.5 8.3#

122 13.0 5.4 8.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. 0.000 min

Lab File: BM049996.D

Acq: 22 Apr 2025 15:10

Tgt Ion:264 Resp: 1262104

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.9 17.8 26.8

