

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
 Data File : BM049879.D
 Acq On : 10 Apr 2025 11:34
 Operator : RC/JU
 Sample : Q1753-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2

Quant Time: Apr 10 12:25:52 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)

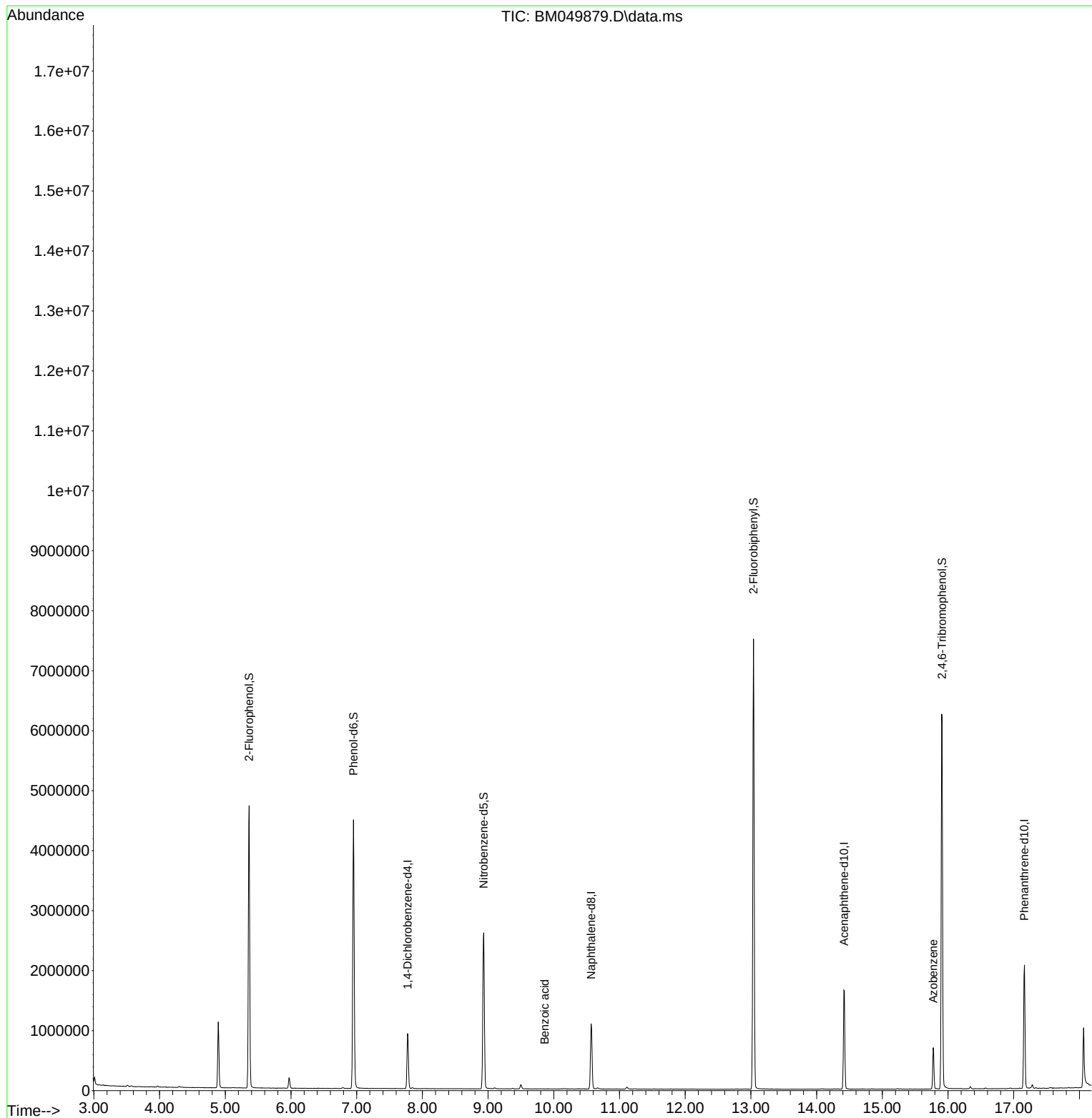
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	270099	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	932017	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	614371	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1268195	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1296781	20.000	ng	0.00
86) Perylene-d12	24.391	264	1421638	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2093230	131.599	ng	0.00
7) Phenol-d6	6.951	99	2584394	130.589	ng	0.00
23) Nitrobenzene-d5	8.933	82	1502561	89.774	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1307864	146.355	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	3951517	87.216	ng	0.00
79) Terphenyl-d14	19.786	244	6757597	97.658	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.863	122	124	8.547	ng	# 1
63) Azobenzene	15.774	77	183187	5.148	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049879.D
Acq On : 10 Apr 2025 11:34
Operator : RC/JU
Sample : Q1753-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2

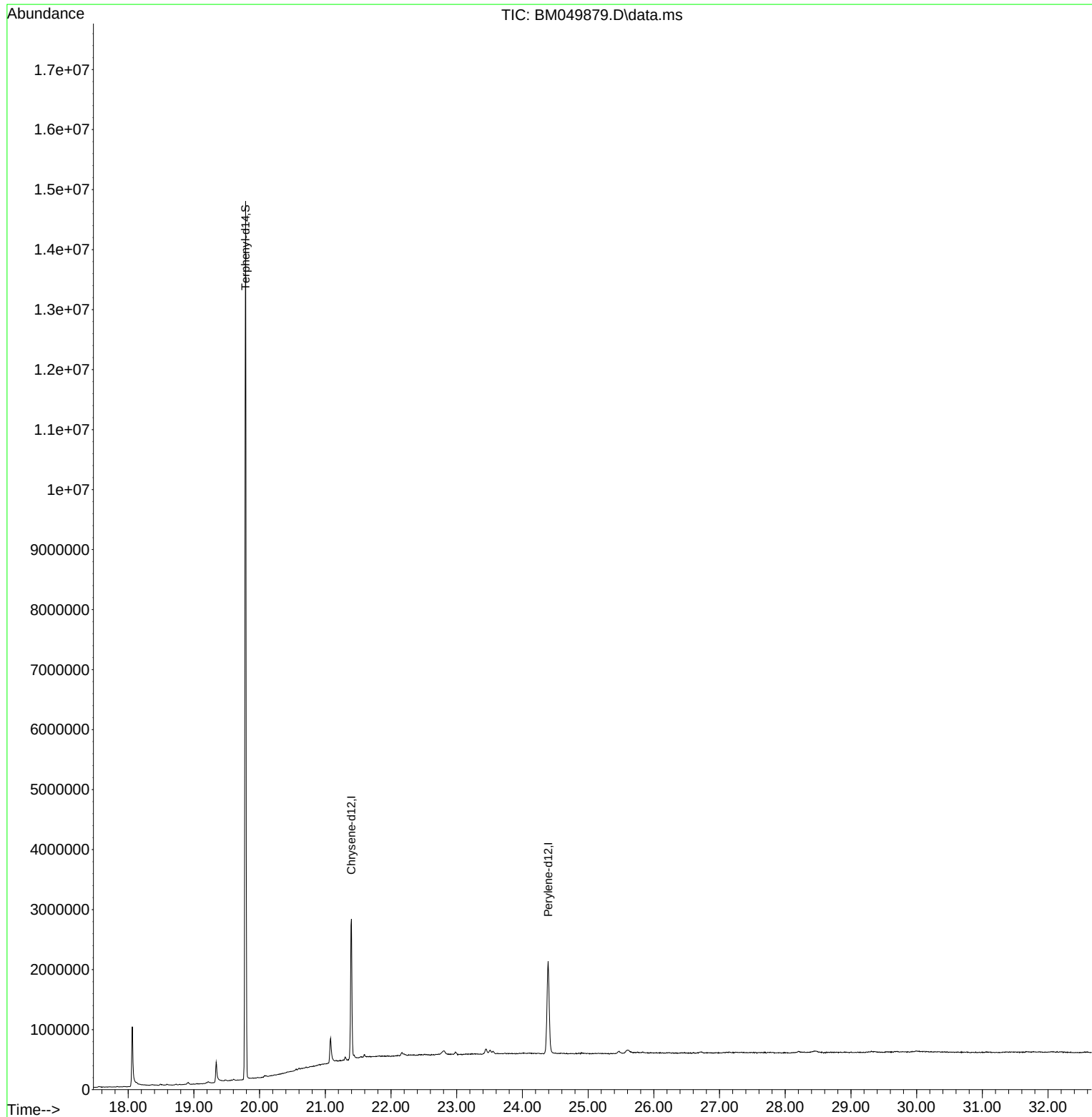
Quant Time: Apr 10 12:25:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

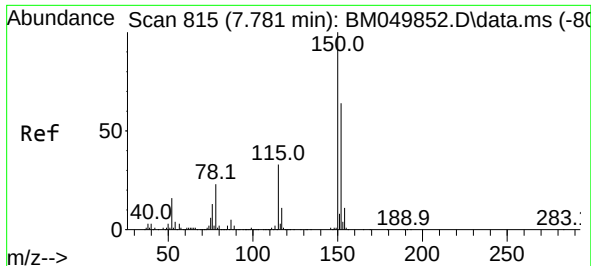


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049879.D
Acq On : 10 Apr 2025 11:34
Operator : RC/JU
Sample : Q1753-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2

Quant Time: Apr 10 12:25:52 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

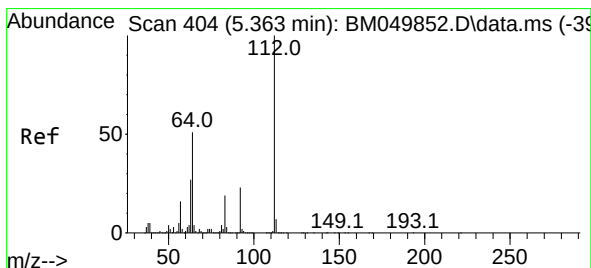
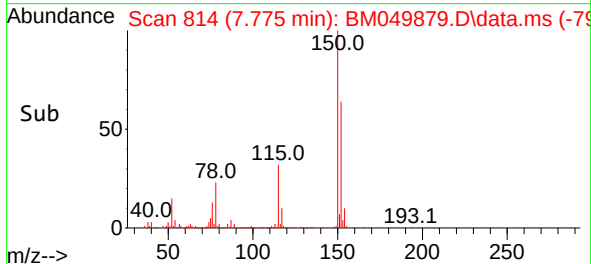
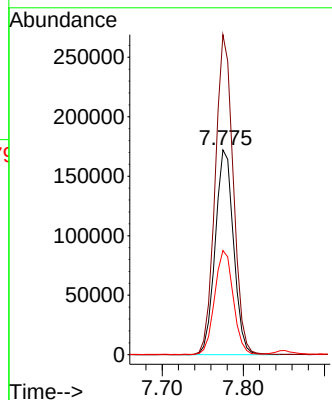
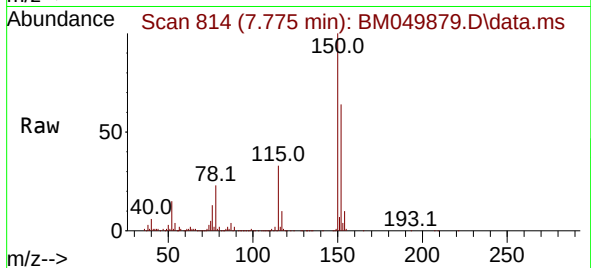




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

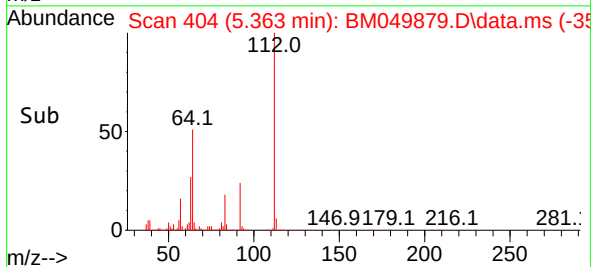
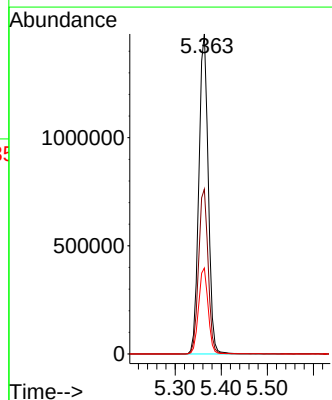
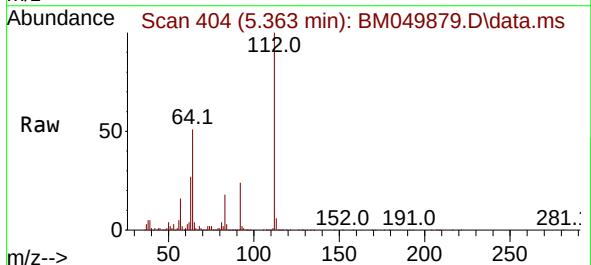
Instrument :
BNA_M
ClientSampleId :
WC-2

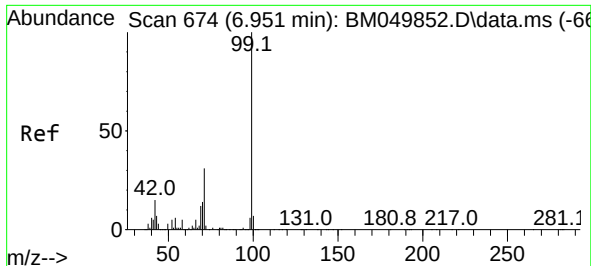
Tgt Ion:152 Resp: 270099
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 50.9 41.1 61.7



#5
2-Fluorophenol
Concen: 131.599 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

Tgt Ion:112 Resp: 2093230
Ion Ratio Lower Upper
112 100
64 51.5 41.0 61.6
63 26.8 21.5 32.3



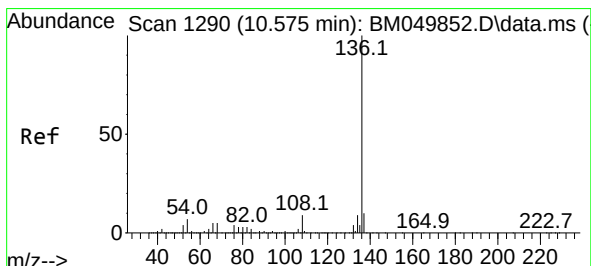
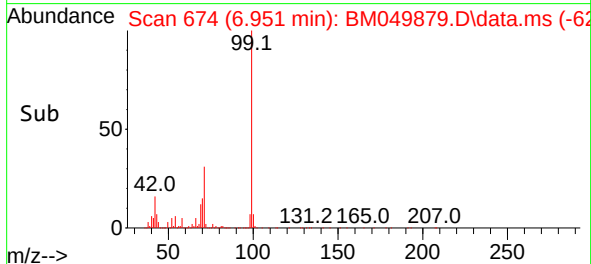
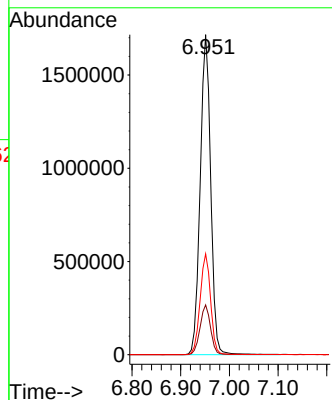
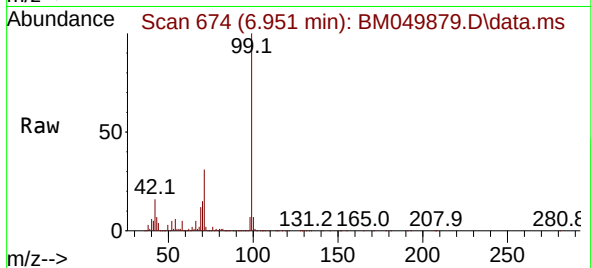


#7
Phenol-d6
Concen: 130.589 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 2584394

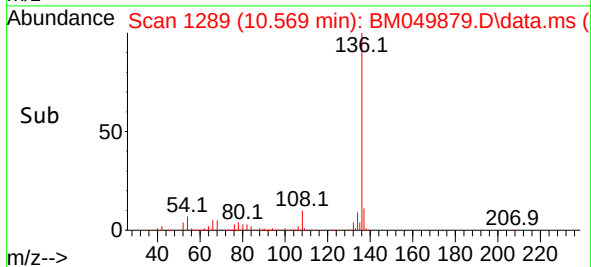
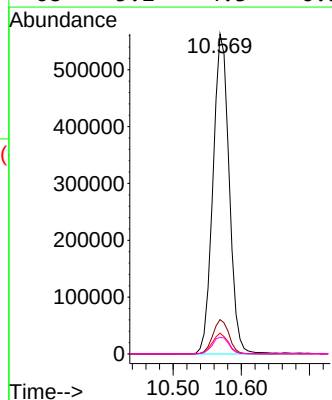
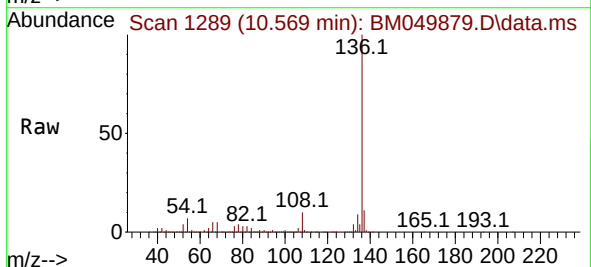
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.1	18.1
71	31.5	24.9	37.3

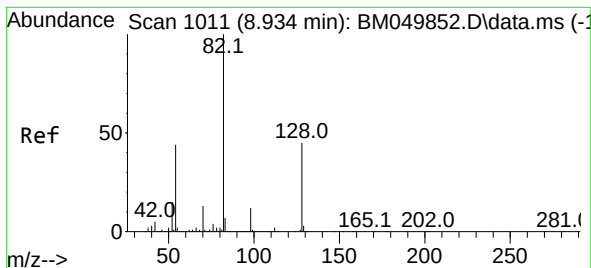


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

Tgt Ion: 136 Resp: 932017

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.5	5.3	7.9
68	5.2	4.3	6.5

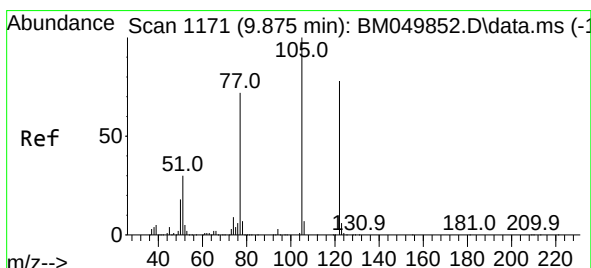
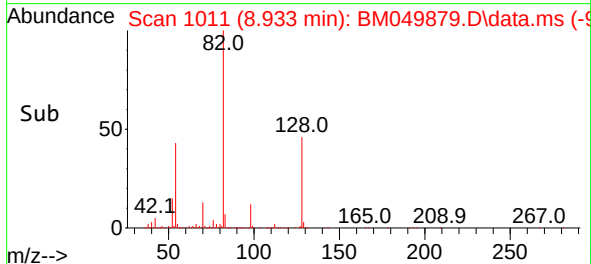
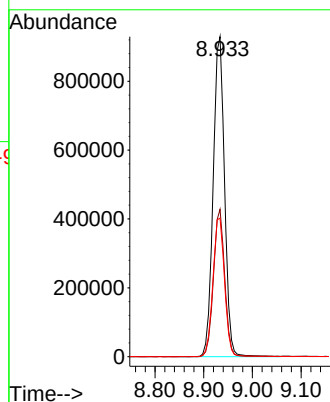
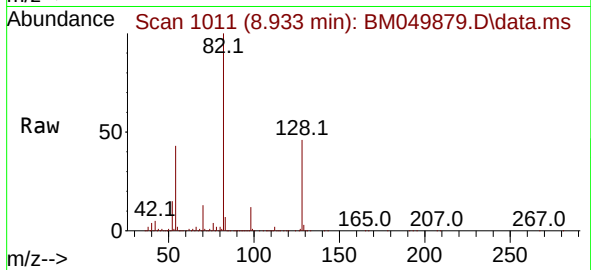




#23
Nitrobenzene-d5
Concen: 89.774 ng
RT: 8.933 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

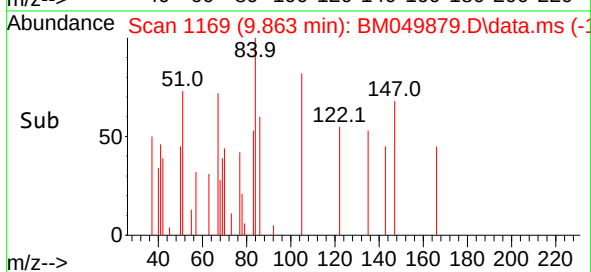
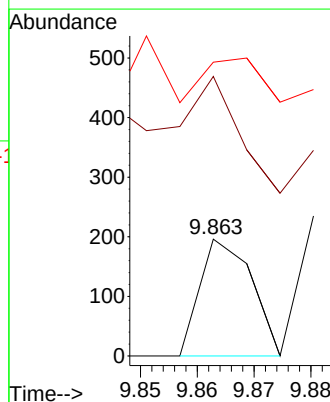
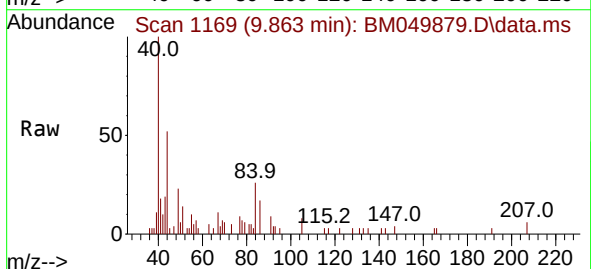
Instrument :
BNA_M
ClientSampleId :
WC-2

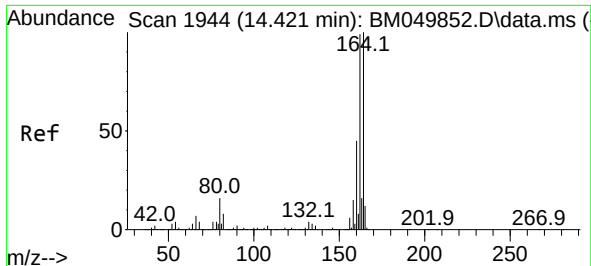
Tgt Ion: 82 Resp: 1502561
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.2
54 43.3 35.0 52.6



#32
Benzoic acid
Concen: 8.547 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 239.3 103.8 143.8#
77 251.5 70.7 110.7#

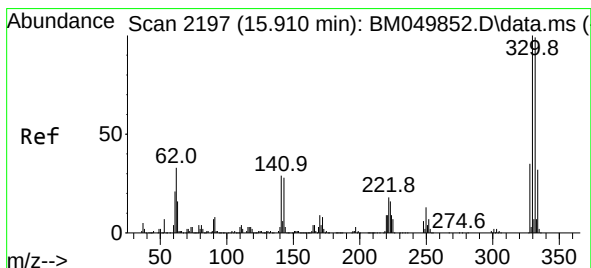
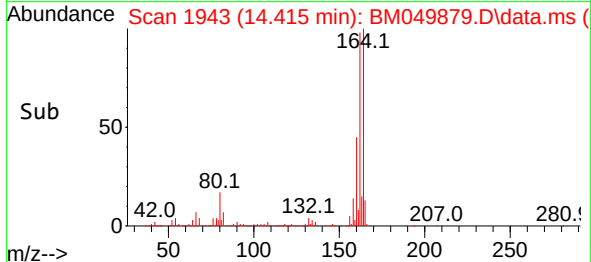
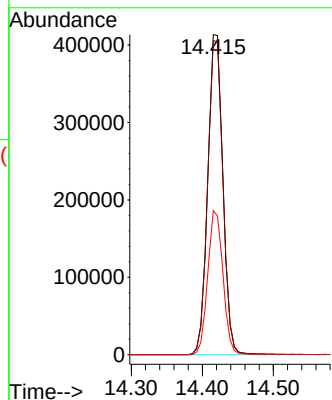
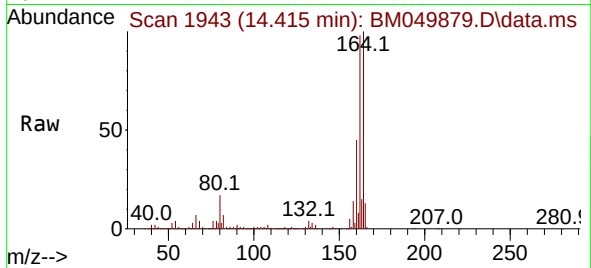




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

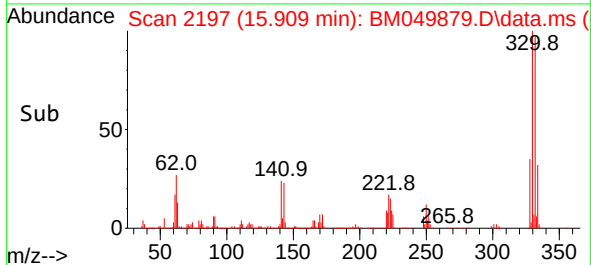
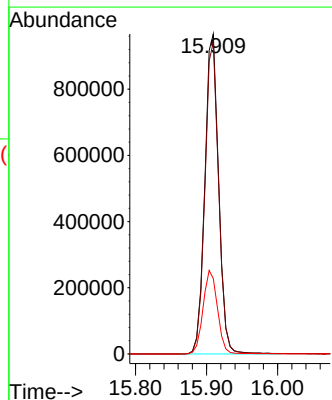
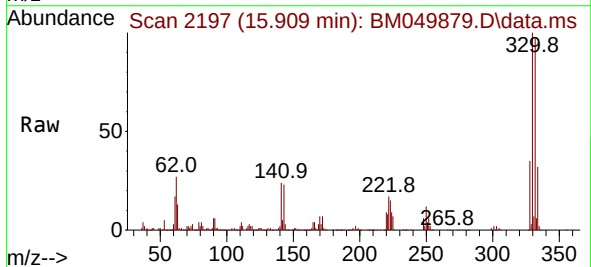
Instrument :
BNA_M
ClientSampleId :
WC-2

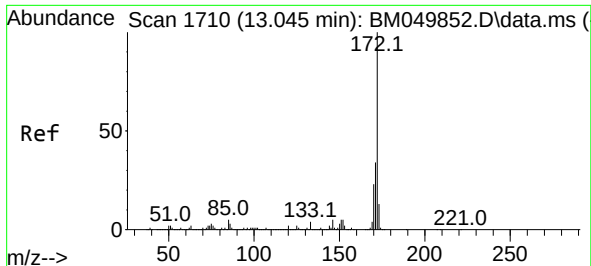
Tgt Ion:164 Resp: 614371
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.0
160 45.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 146.355 ng
RT: 15.909 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

Tgt Ion:330 Resp: 1307864
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 27.3 23.5 35.3

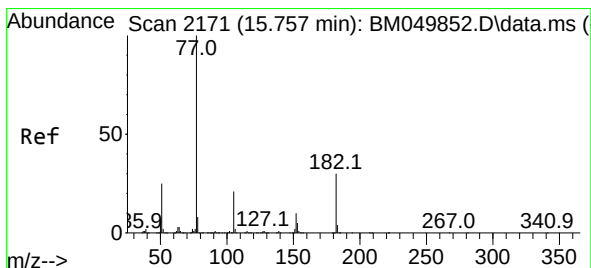
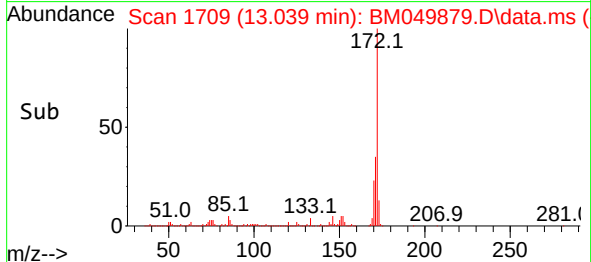
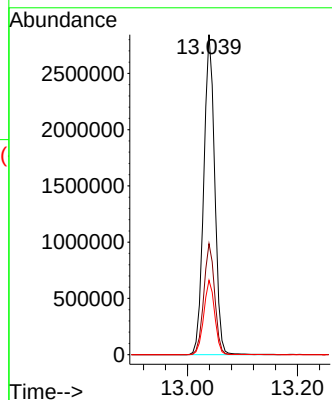
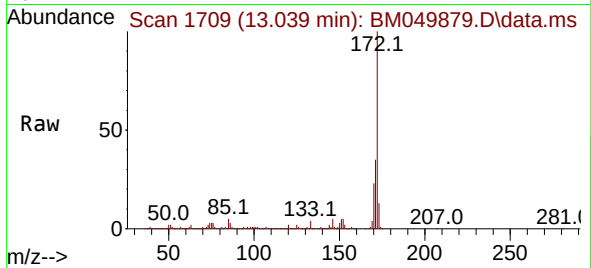




#45
2-Fluorobiphenyl
Concen: 87.216 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

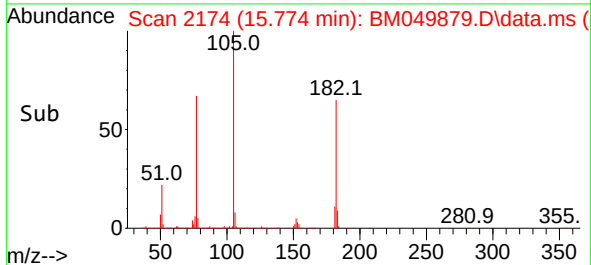
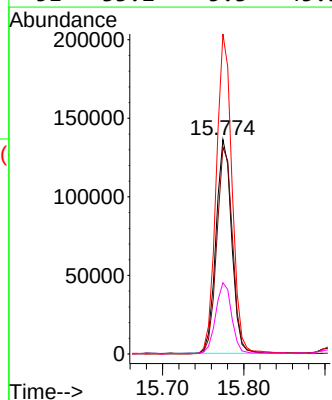
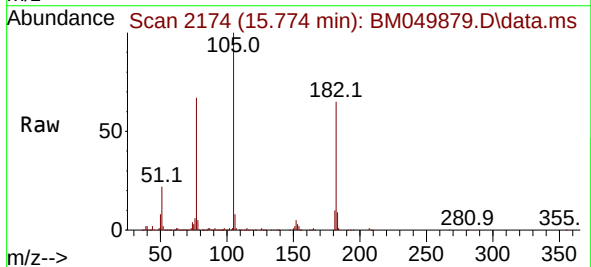
Instrument :
BNA_M
ClientSampleId :
WC-2

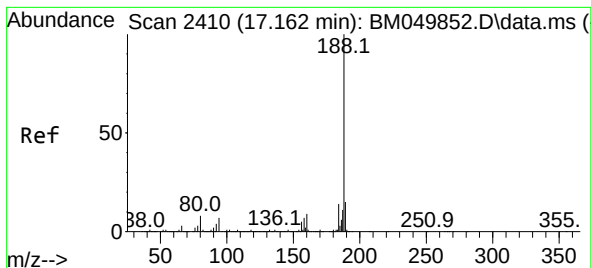
Tgt Ion:172 Resp: 3951517
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.2 18.6 28.0



#63
Azobenzene
Concen: 5.148 ng
RT: 15.774 min Scan# 2174
Delta R.T. 0.018 min
Lab File: BM049879.D
Acq: 10 Apr 2025 11:34

Tgt Ion: 77 Resp: 183187
Ion Ratio Lower Upper
77 100
182 96.4 10.4 50.4#
105 149.3 1.5 41.5#
51 33.2 5.3 45.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BM049879.D

Acq: 10 Apr 2025 11:34

Instrument :

BNA_M

ClientSampleId :

WC-2

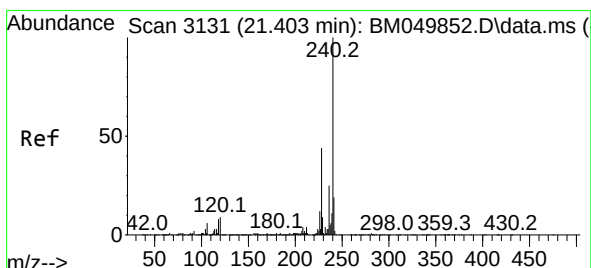
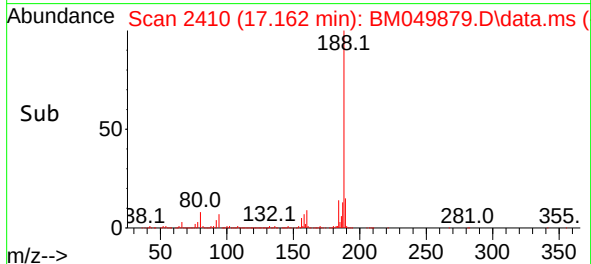
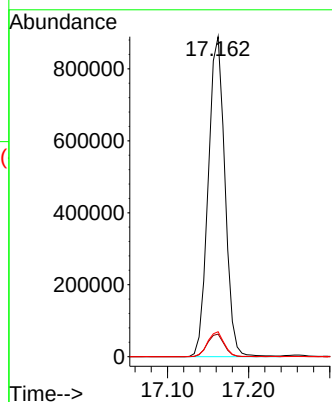
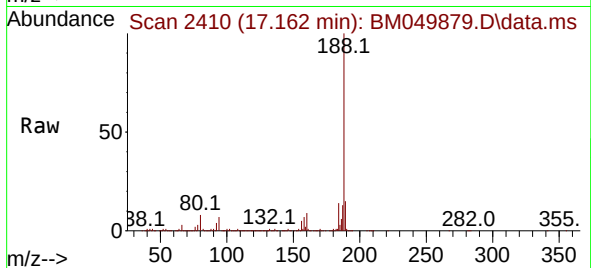
Tgt Ion:188 Resp: 1268195

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 7.8 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049879.D

Acq: 10 Apr 2025 11:34

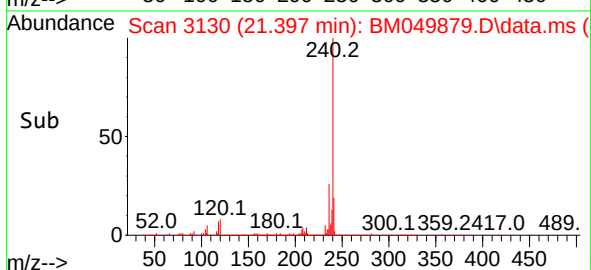
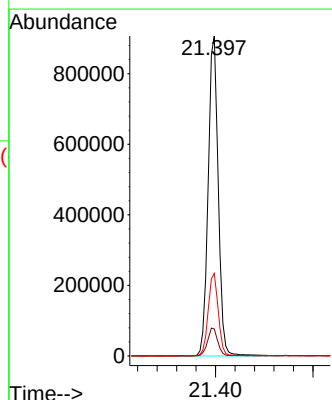
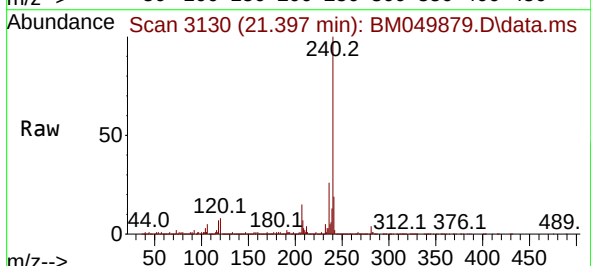
Tgt Ion:240 Resp: 1296781

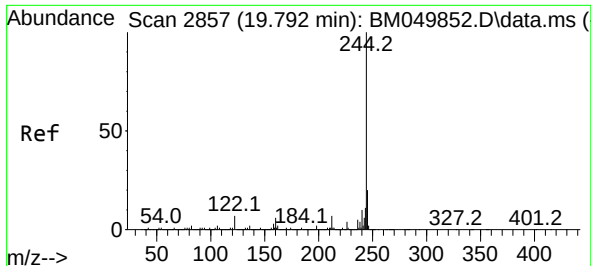
Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

236 25.8 20.4 30.6

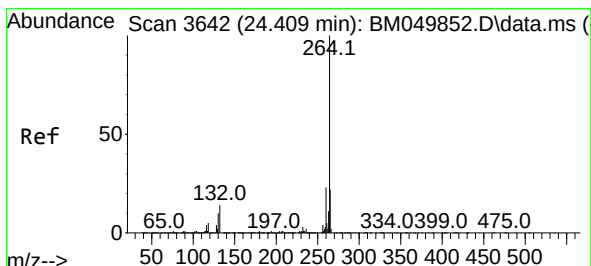
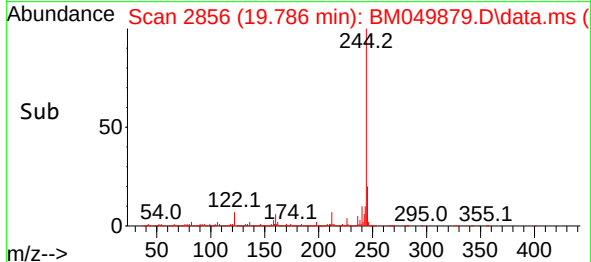
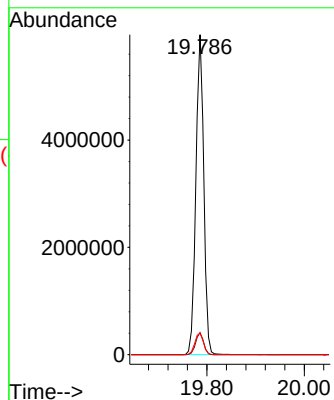
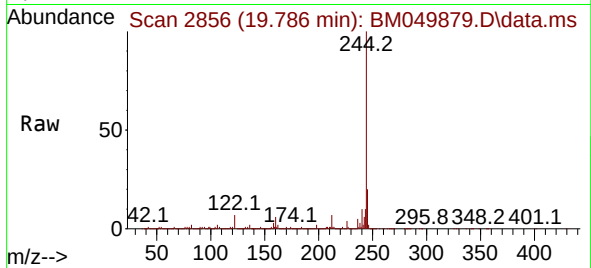




#79
 Terphenyl-d14
 Concen: 97.658 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049879.D
 Acq: 10 Apr 2025 11:34

Instrument :
 BNA_M
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 6757597
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 6.8 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.391 min Scan# 3639
 Delta R.T. -0.018 min
 Lab File: BM049879.D
 Acq: 10 Apr 2025 11:34

Tgt Ion:264 Resp: 1421638
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.1 17.8 26.8

