

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049836.D
 Acq On : 07 Apr 2025 12:45
 Operator : RC/JU
 Sample : Q1675-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 K3

Quant Time: Apr 07 13:29:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

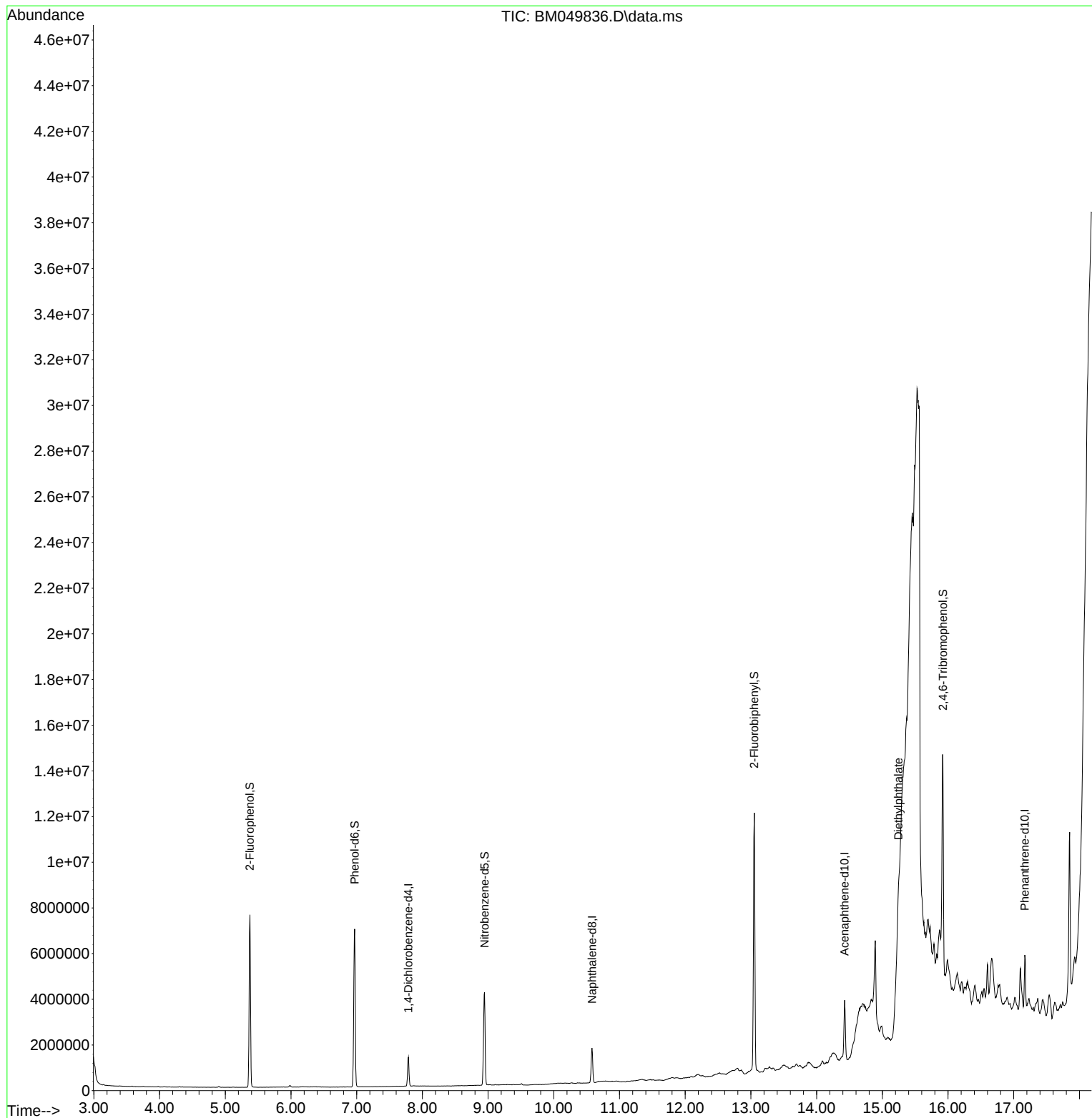
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	363599	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1272904	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	788938	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1589873	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1823026	20.000	ng	-0.02
86) Perylene-d12	24.415	264	1861603	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3364924	156.153	ng	-0.01
7) Phenol-d6	6.969	99	4105952	151.832	ng	-0.01
23) Nitrobenzene-d5	8.945	82	2393867	96.555	ng	-0.02
42) 2,4,6-Tribromophenol	15.922	330	2402066	260.742	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	6079965	96.515	ng	-0.02
79) Terphenyl-d14	19.804	244	9616381	88.889	ng	0.00
Target Compounds						
60) Diethylphthalate	15.245	149	540955	10.574	ng	95
84) Bis(2-ethylhexyl)phtha...	21.321	149	202063	3.280	ng	98

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

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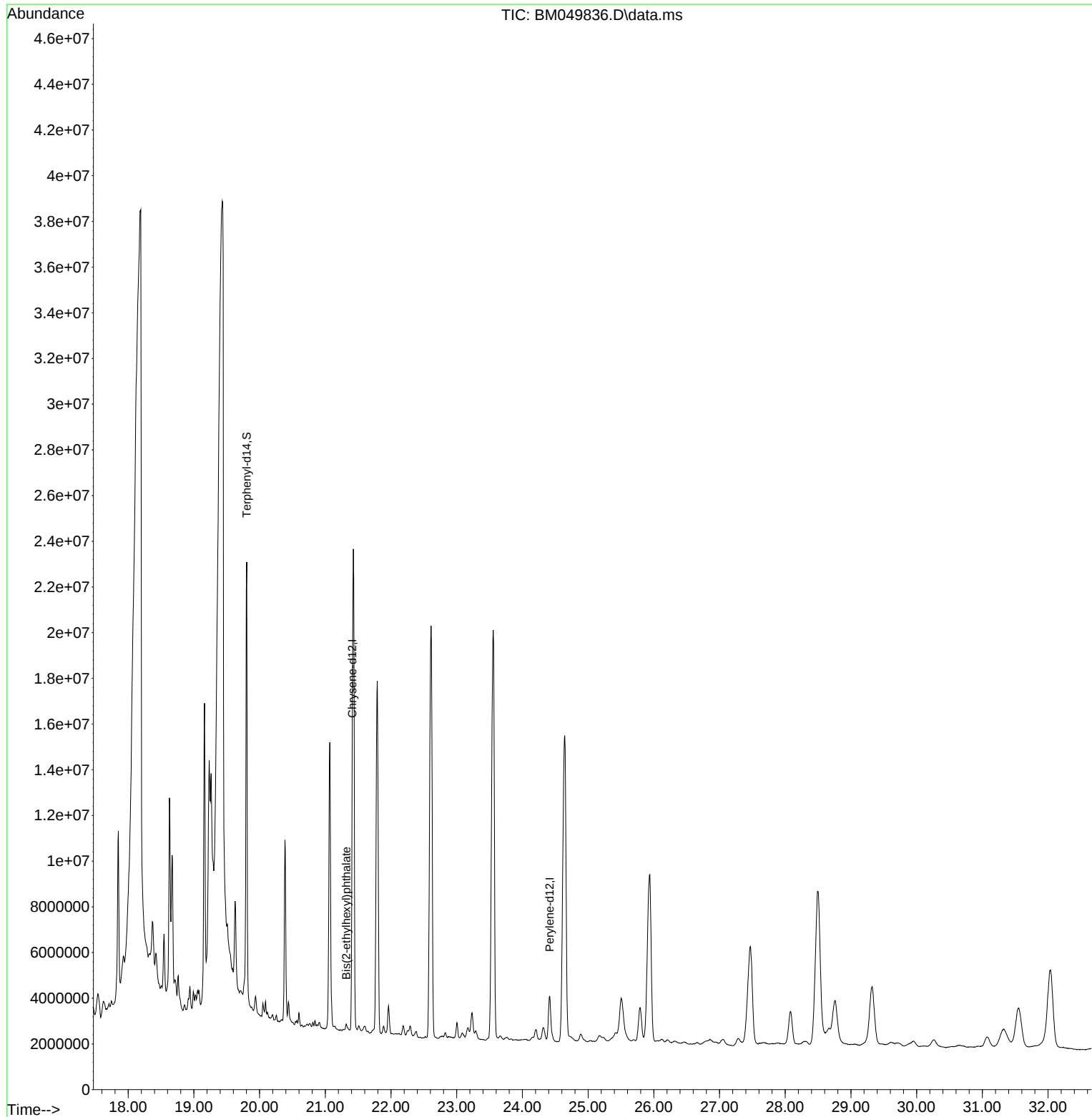
Quant Time: Apr 07 13:29:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

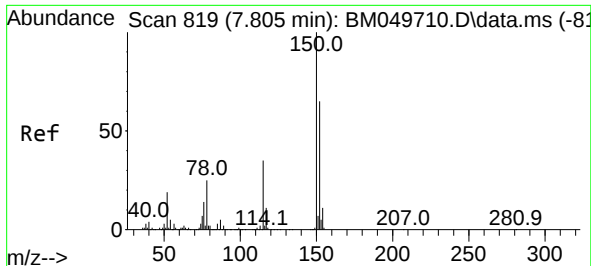


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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

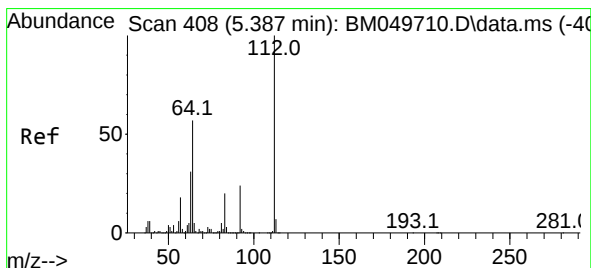
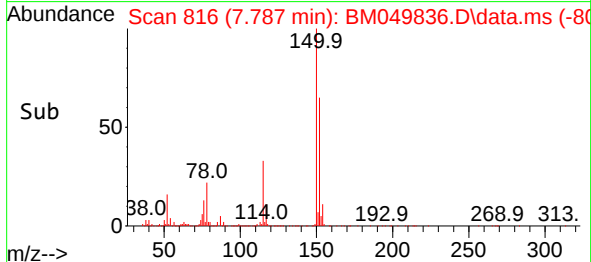
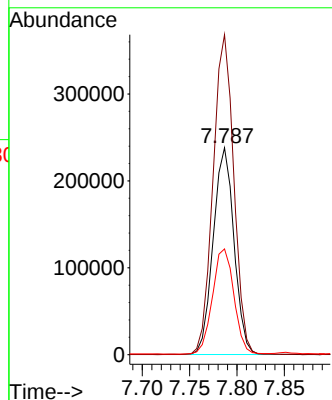
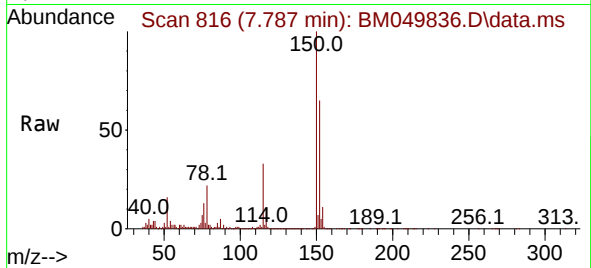




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

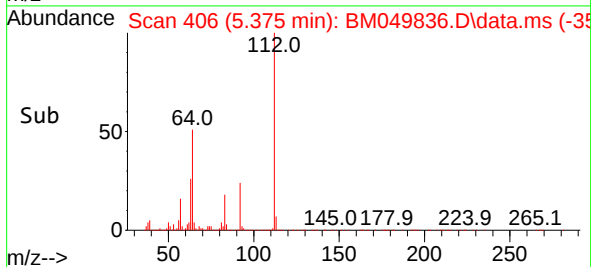
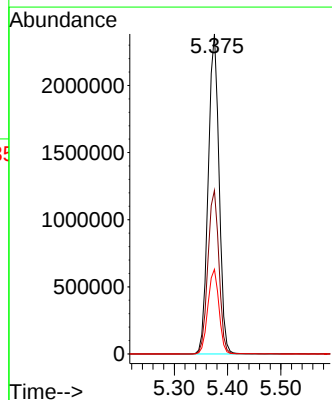
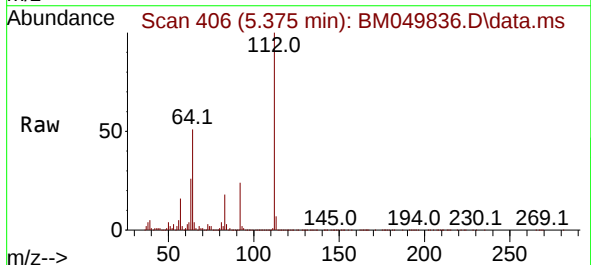
Instrument :
BNA_M
ClientSampleId :
K3

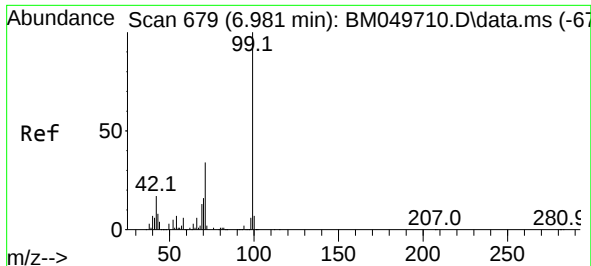
Tgt Ion:152 Resp: 363599
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.8
115 51.1 43.0 64.6



#5
2-Fluorophenol
Concen: 156.153 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion:112 Resp: 3364924
Ion Ratio Lower Upper
112 100
64 51.1 45.3 67.9
63 26.5 24.4 36.6



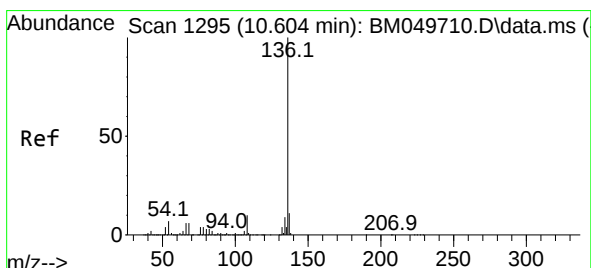
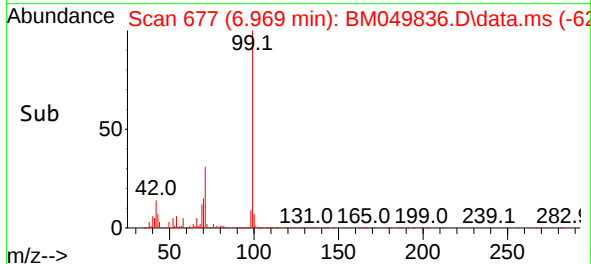
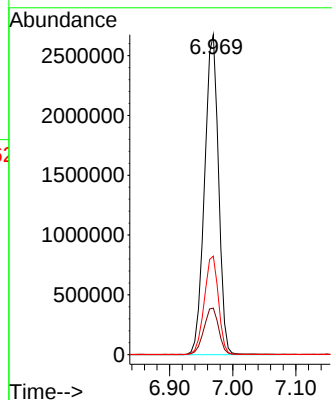
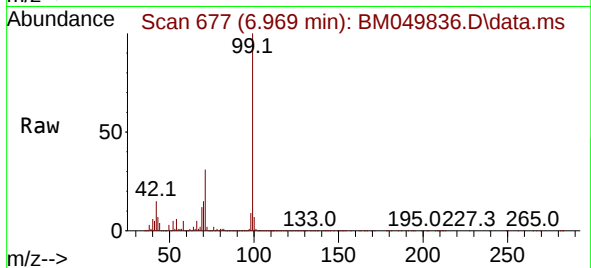


#7
Phenol-d6
Concen: 151.832 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Instrument :
BNA_M
ClientSampleId :
K3

Tgt Ion: 99 Resp: 4105952

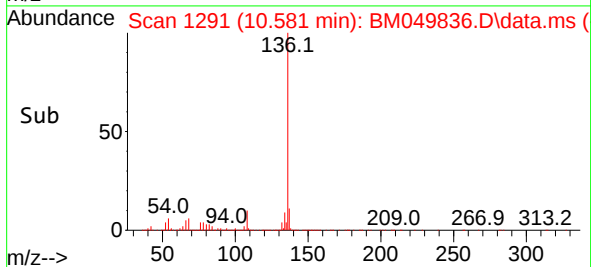
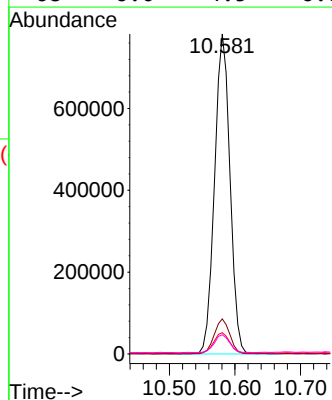
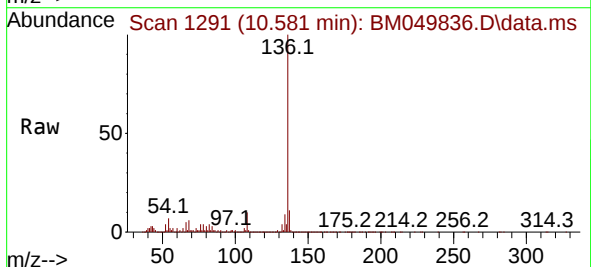
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.6	20.4
71	30.8	27.0	40.6

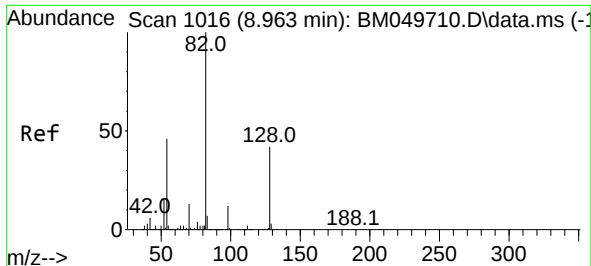


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion: 136 Resp: 1272904

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.7	5.8	8.8
68	6.0	4.5	6.7





#23

Nitrobenzene-d5

Concen: 96.555 ng

RT: 8.945 min Scan# 1016

Delta R.T. -0.018 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

Instrument :

BNA_M

ClientSampleId :

K3

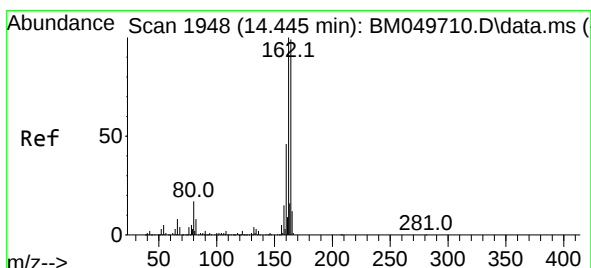
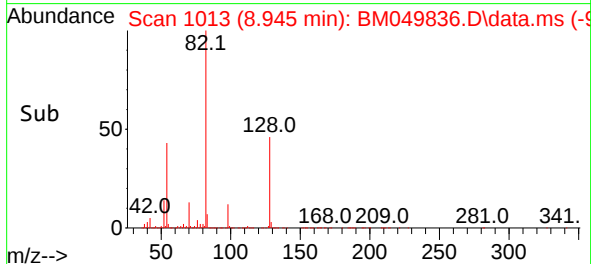
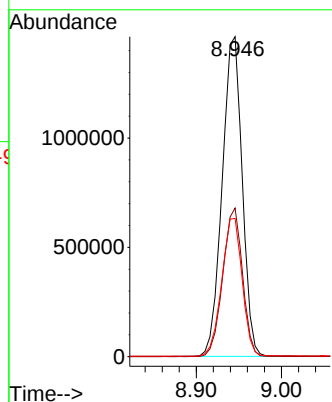
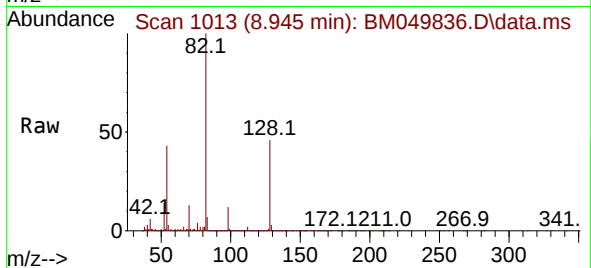
Tgt Ion: 82 Resp: 2393867

Ion Ratio Lower Upper

82 100

128 46.4 33.4 50.0

54 43.2 36.4 54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

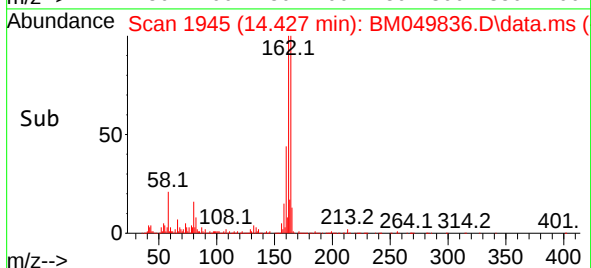
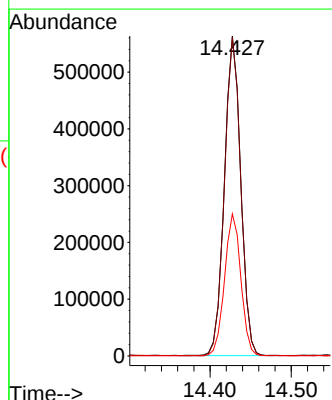
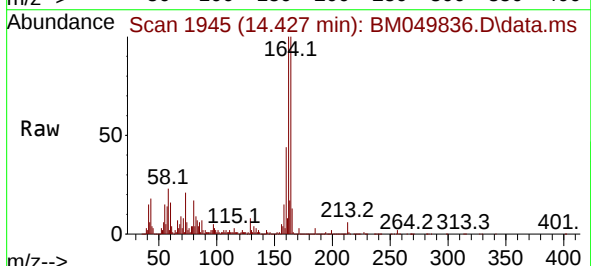
Tgt Ion:164 Resp: 788938

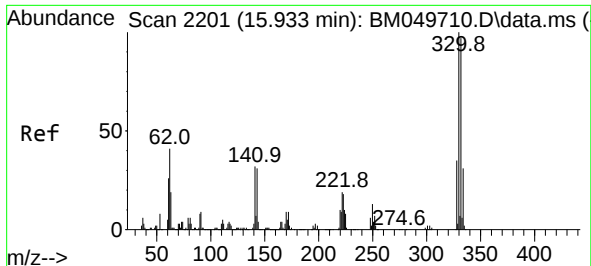
Ion Ratio Lower Upper

164 100

162 99.5 80.5 120.7

160 44.4 36.9 55.3

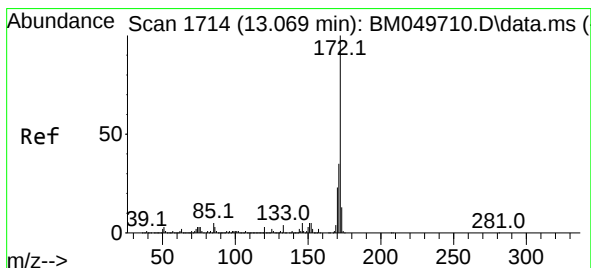
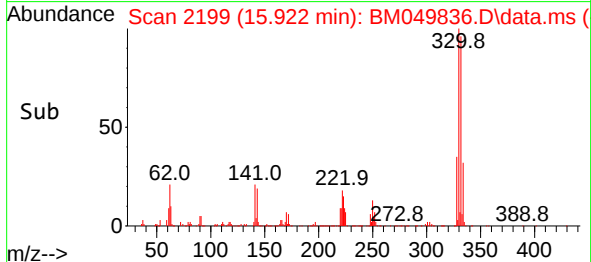
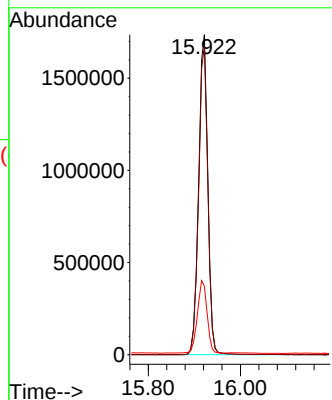
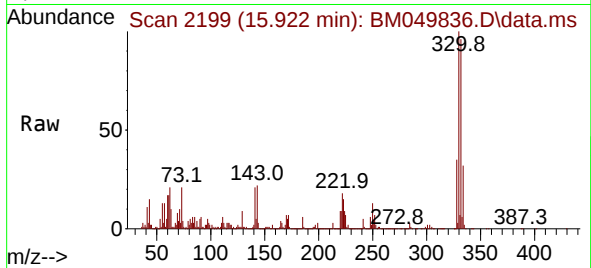




#42
2,4,6-Tribromophenol
Concen: 260.742 ng
RT: 15.922 min Scan# 21199
Delta R.T. -0.011 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

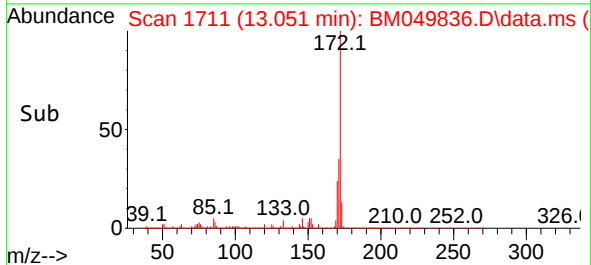
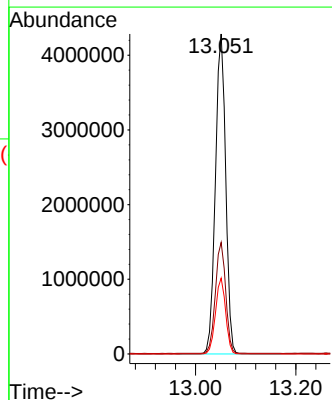
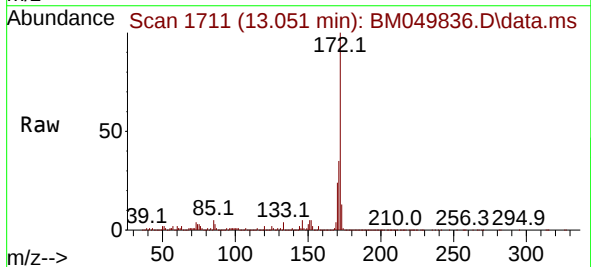
Instrument :
BNA_M
ClientSampleId :
K3

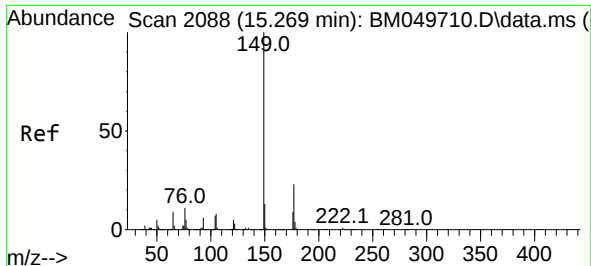
Tgt Ion:330 Resp: 2402066
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 23.5 27.8 41.6#



#45
2-Fluorobiphenyl
Concen: 96.515 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion:172 Resp: 6079965
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 18.6 28.0

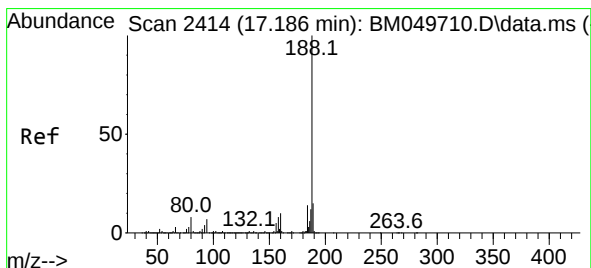
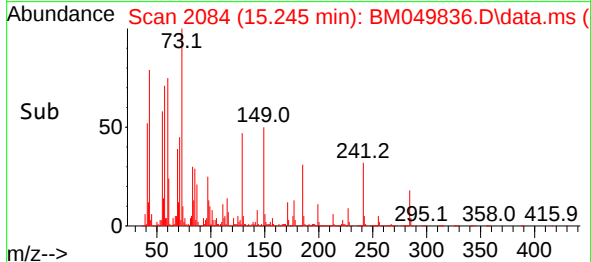
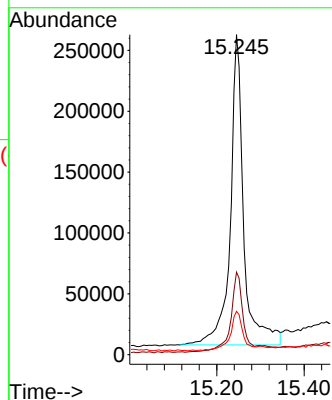
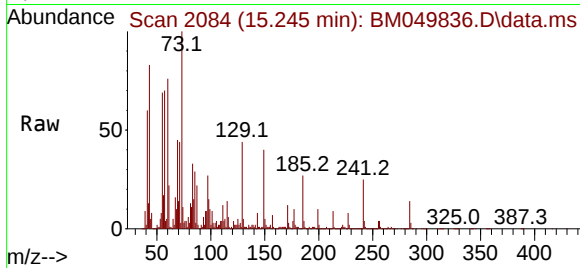




#60
Diethylphthalate
Concen: 10.574 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.024 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

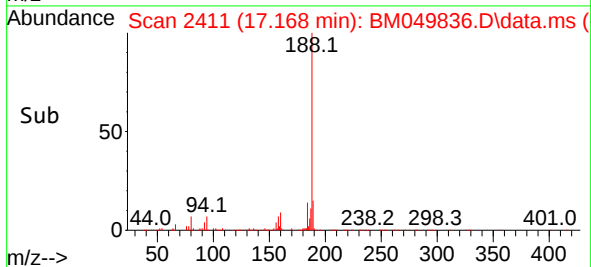
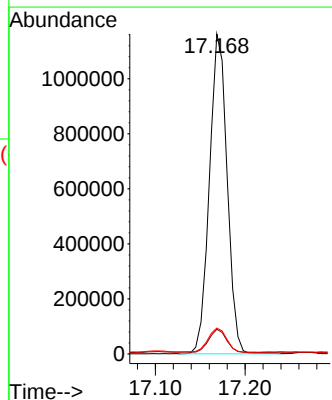
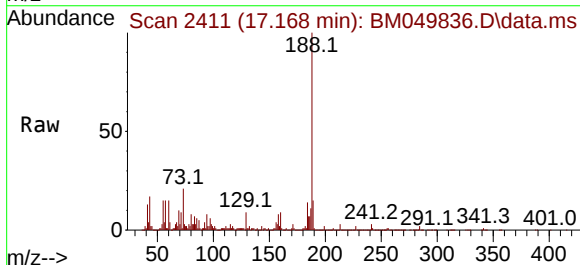
Instrument :
BNA_M
ClientSampleId :
K3

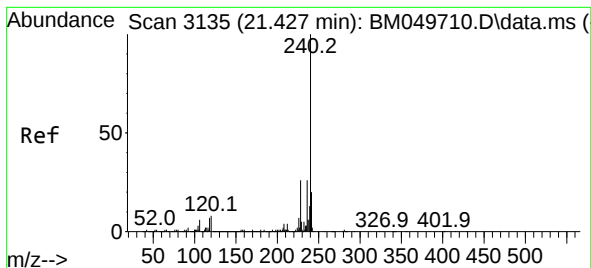
Tgt Ion:149 Resp: 540955
Ion Ratio Lower Upper
149 100
177 25.8 18.2 27.2
150 13.6 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion:188 Resp: 1589873
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.1 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

Instrument :

BNA_M

ClientSampleId :

K3

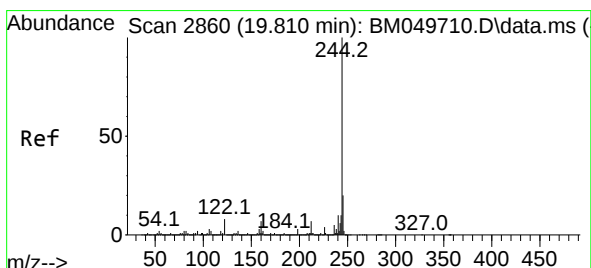
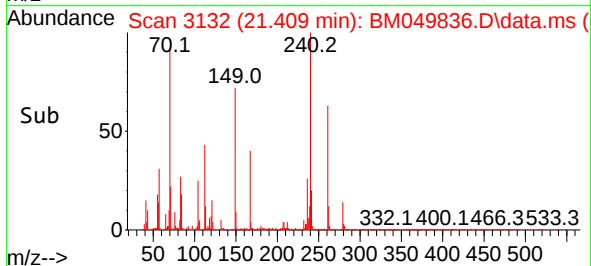
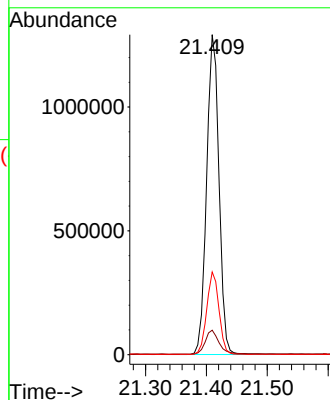
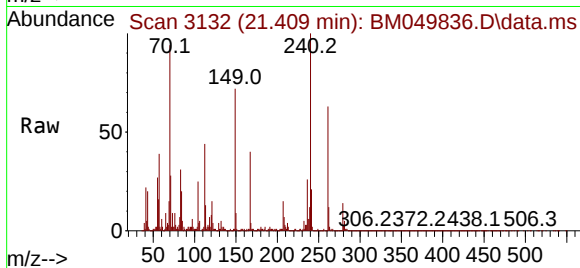
Tgt Ion:240 Resp: 1823026

Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 88.889 ng

RT: 19.804 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

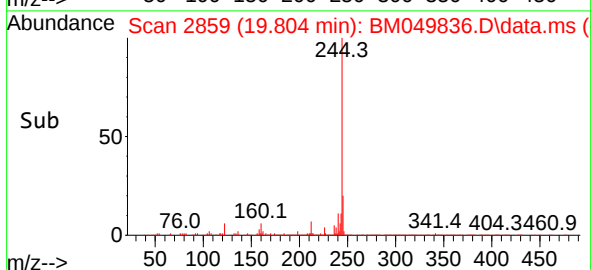
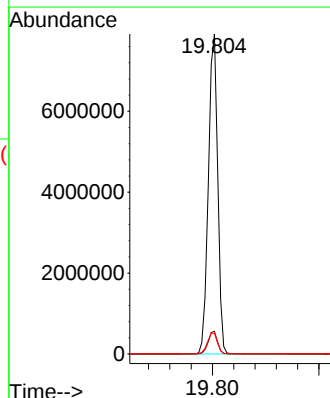
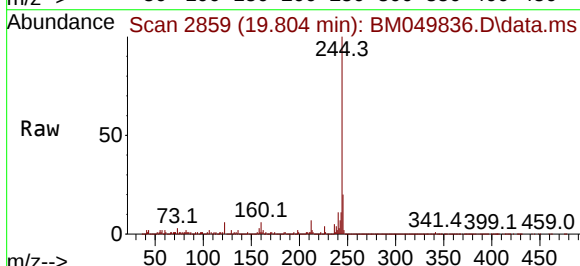
Tgt Ion:244 Resp: 9616381

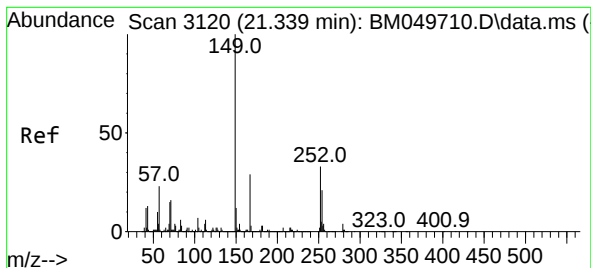
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 6.5 6.0 9.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.280 ng

RT: 21.321 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

Instrument :

BNA_M

ClientSampleId :

K3

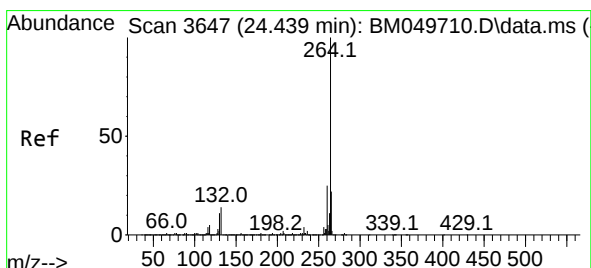
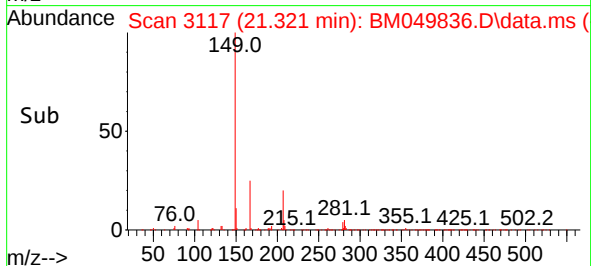
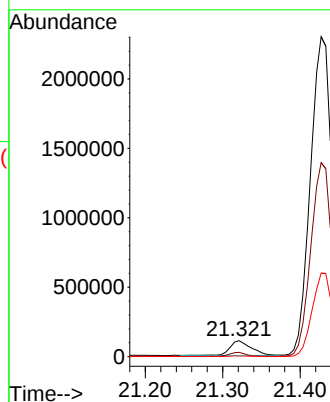
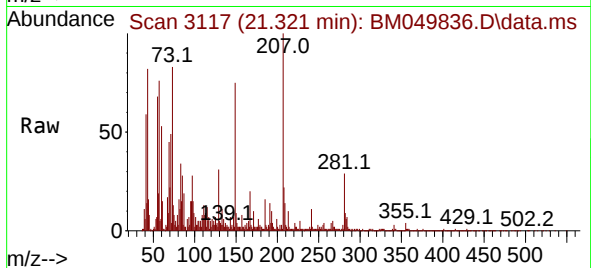
Tgt Ion:149 Resp: 202063

Ion Ratio Lower Upper

149 100

167 27.3 22.9 34.3

279 4.5 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.415 min Scan# 3643

Delta R.T. -0.024 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

Tgt Ion:264 Resp: 1861603

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 22.0 18.2 27.2

