

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050126.D
 Acq On : 06 May 2025 19:15
 Operator : RC/JU
 Sample : Q1961-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-050525

Quant Time: May 07 02:18:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

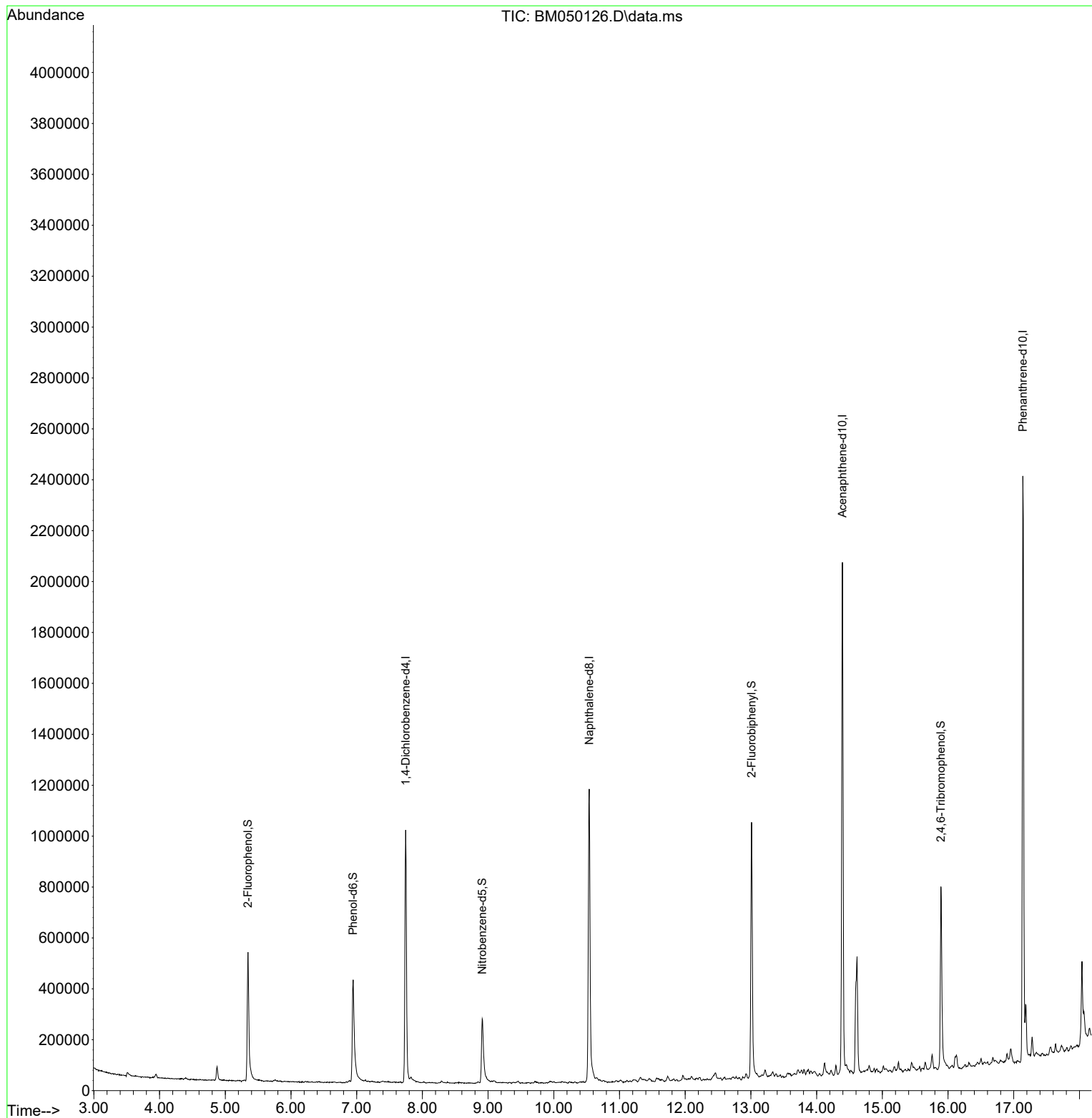
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	308753	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1121986	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	743189	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1430201	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1258660	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1355095	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	292662	16.598	ng	-0.01
7) Phenol-d6	6.946	99	366862	16.554	ng	0.00
23) Nitrobenzene-d5	8.910	82	214854	9.436	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	167505	15.243	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	631806	10.057	ng	-0.02
79) Terphenyl-d14	19.768	244	866846	10.191	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.204	202	208579	2.202	ng	95
78) Pyrene	19.568	202	232295	2.628	ng	99

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

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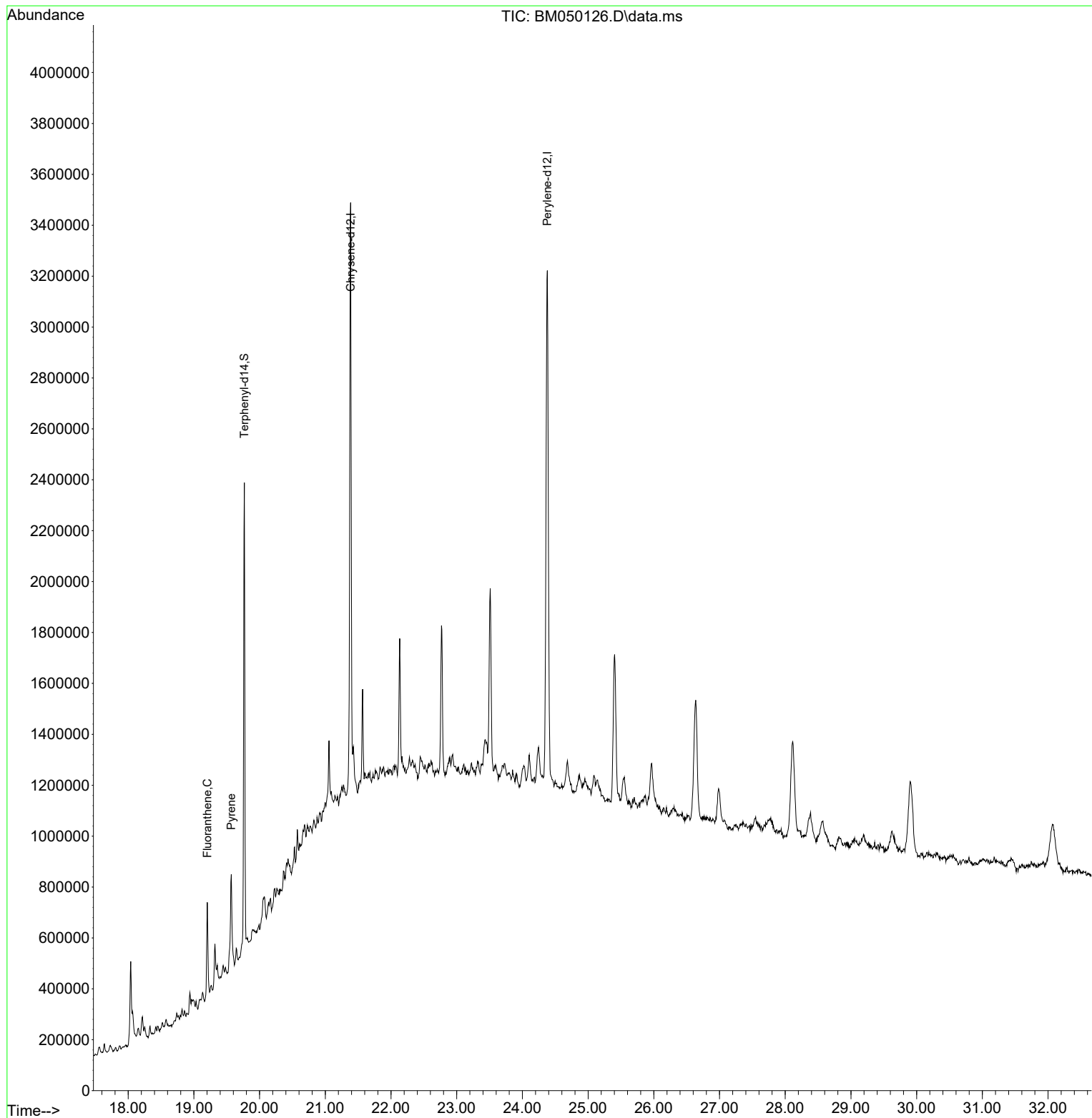
Quant Time: May 07 02:18:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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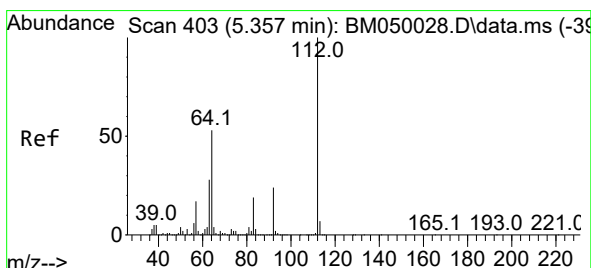
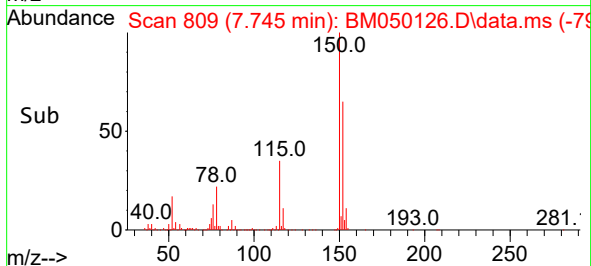
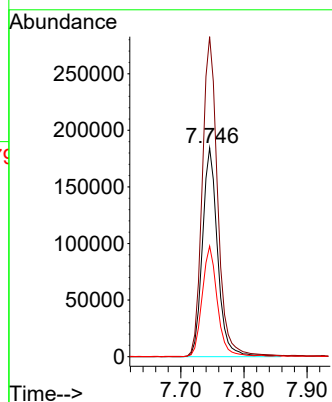
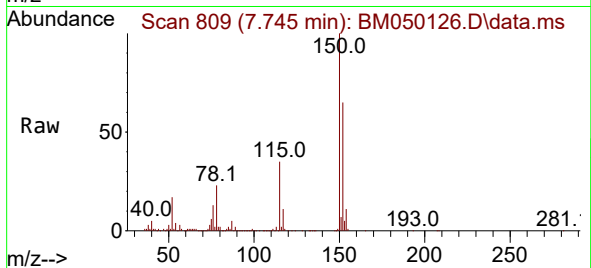




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 809
Delta R.T. -0.024 min
Lab File: BM050126.D
Acq: 06 May 2025 19:15

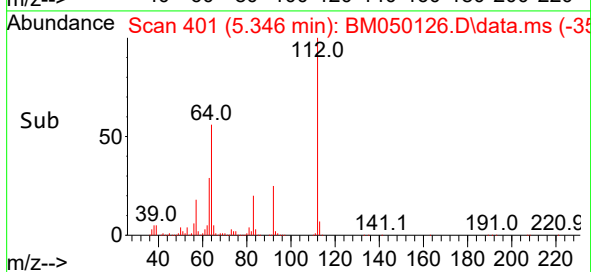
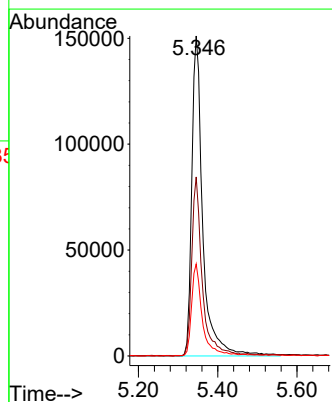
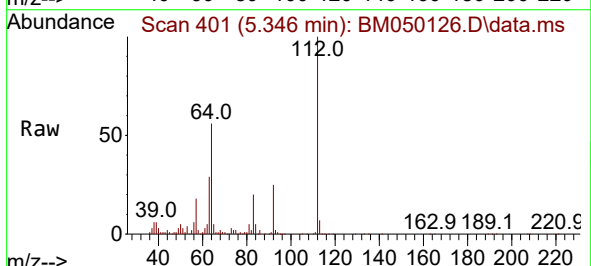
Instrument :
BNA_M
ClientSampleId :
EO-01-050525

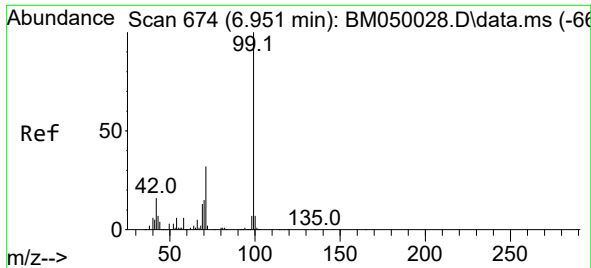
Tgt Ion:152 Resp: 308753
Ion Ratio Lower Upper
152 100
150 153.2 124.1 186.1
115 53.0 41.2 61.8



#5
2-Fluorophenol
Concen: 16.598 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050126.D
Acq: 06 May 2025 19:15

Tgt Ion:112 Resp: 292662
Ion Ratio Lower Upper
112 100
64 55.9 42.6 64.0
63 28.8 22.2 33.4

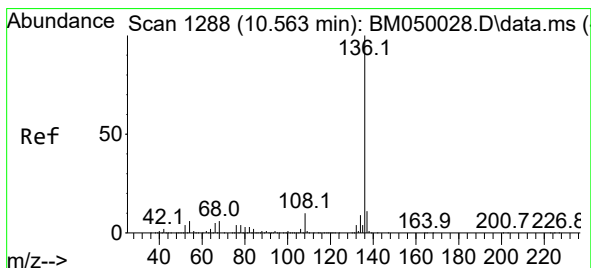
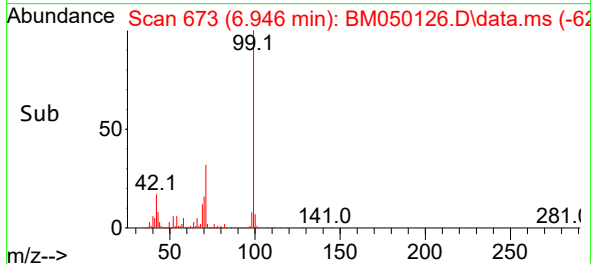
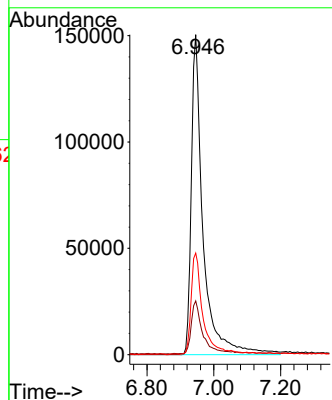
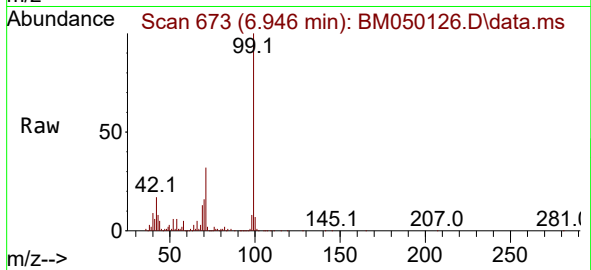




#7
Phenol-d6
Concen: 16.554 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050126.D
Acq: 06 May 2025 19:15

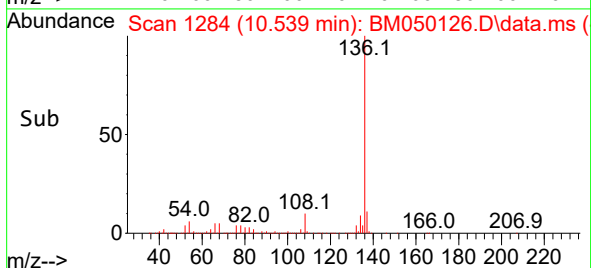
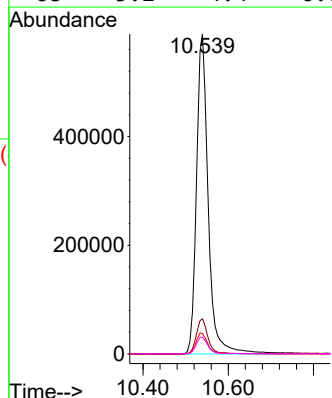
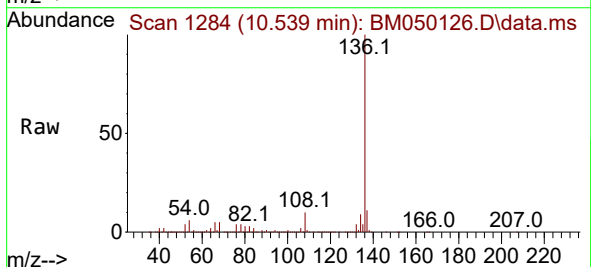
Instrument :
BNA_M
ClientSampleId :
EO-01-050525

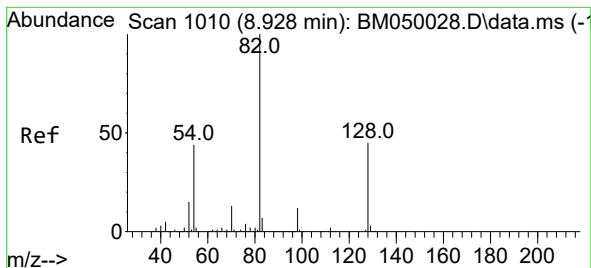
Tgt Ion: 99 Resp: 366862
Ion Ratio Lower Upper
99 100
42 16.8 13.0 19.4
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050126.D
Acq: 06 May 2025 19:15

Tgt Ion: 136 Resp: 1121986
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.4 5.1 7.7
68 5.2 4.4 6.6





#23

Nitrobenzene-d5

Concen: 9.436 ng

RT: 8.910 min Scan# 1010

Delta R.T. -0.018 min

Lab File: BM050126.D

Acq: 06 May 2025 19:15

Instrument :

BNA_M

ClientSampleId :

EO-01-050525

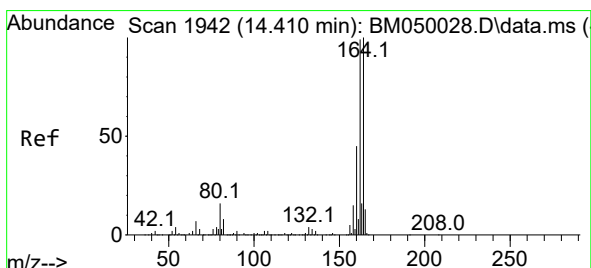
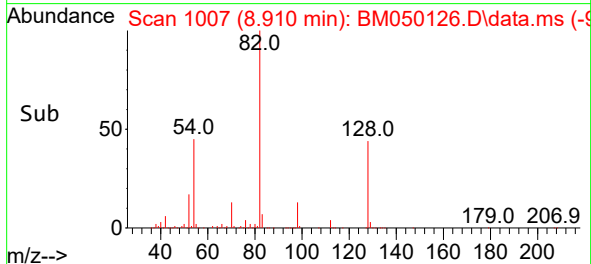
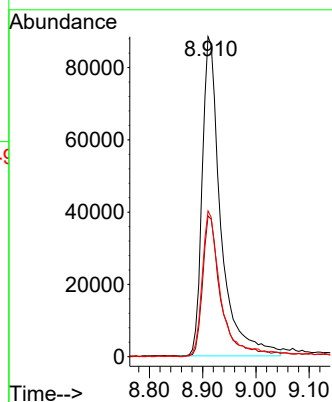
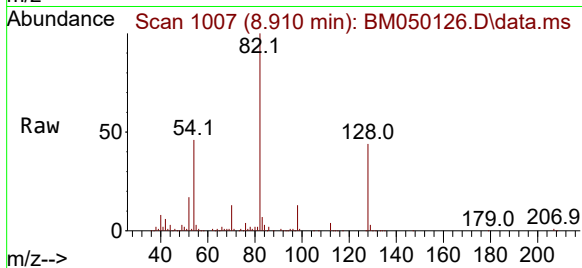
Tgt Ion: 82 Resp: 214854

Ion Ratio Lower Upper

82 100

128 44.0 35.7 53.5

54 45.5 35.4 53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.018 min

Lab File: BM050126.D

Acq: 06 May 2025 19:15

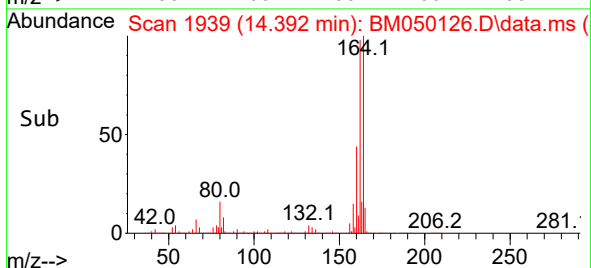
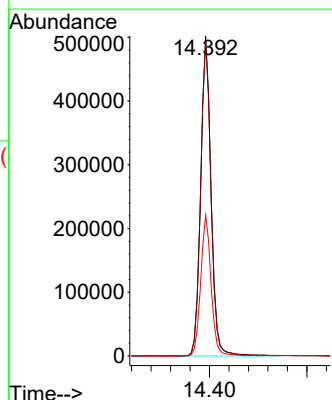
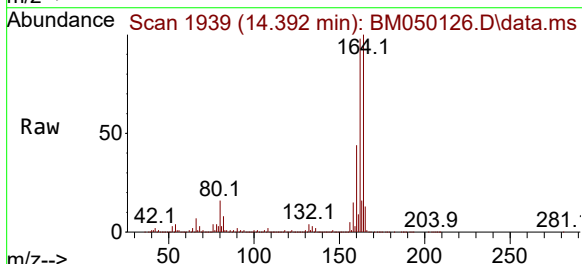
Tgt Ion: 164 Resp: 743189

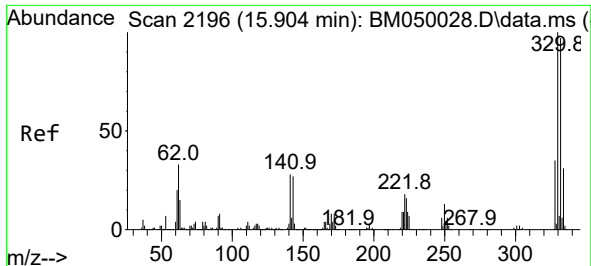
Ion Ratio Lower Upper

164 100

162 98.4 79.4 119.0

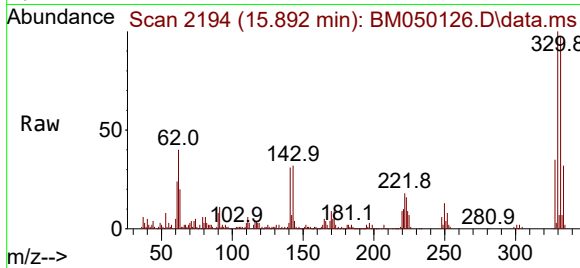
160 44.0 36.2 54.4



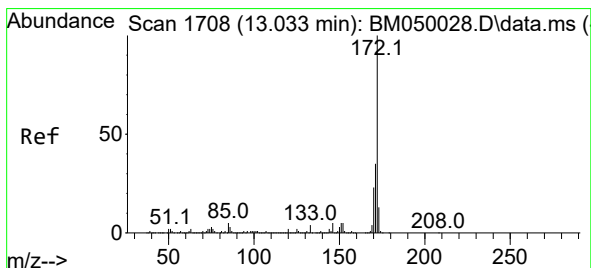
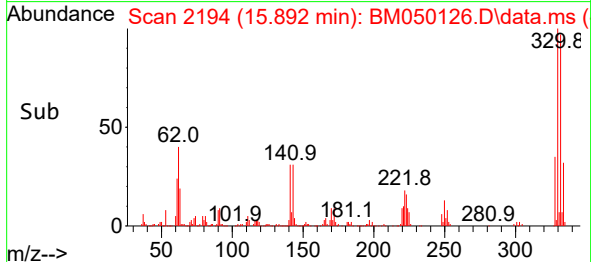
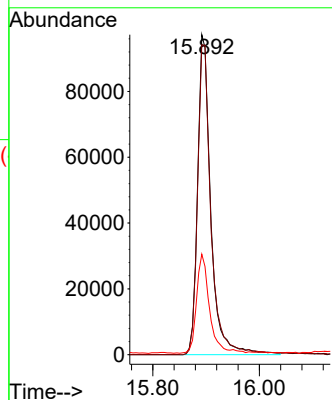


#42
2,4,6-Tribromophenol
Concen: 15.243 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050126.D
Acq: 06 May 2025 19:15

Instrument :
BNA_M
ClientSampleId :
EO-01-050525

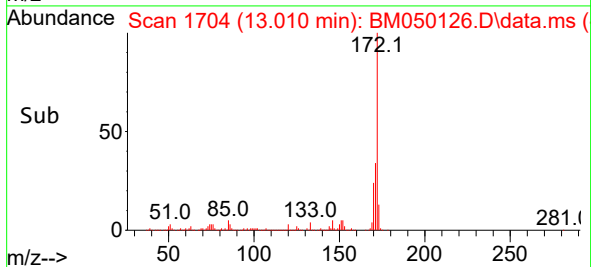
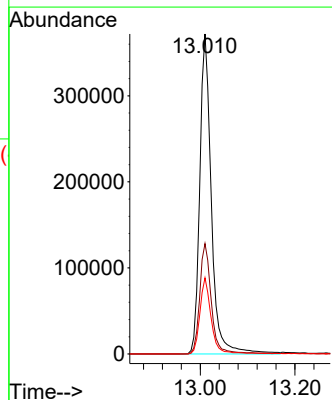
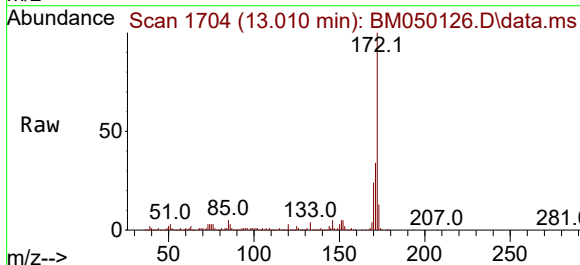


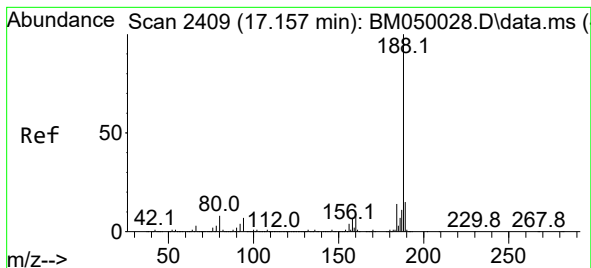
Tgt Ion:330 Resp: 167505
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 30.6 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 10.057 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.023 min
Lab File: BM050126.D
Acq: 06 May 2025 19:15

Tgt Ion:172 Resp: 631806
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BM050126.D

Acq: 06 May 2025 19:15

Instrument :

BNA_M

ClientSampleId :

EO-01-050525

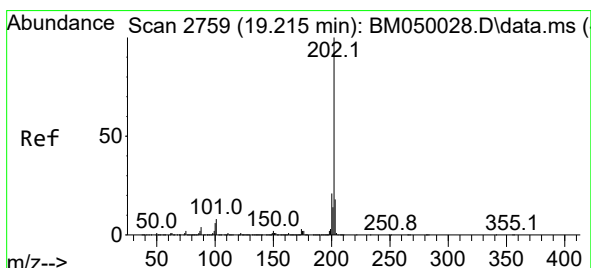
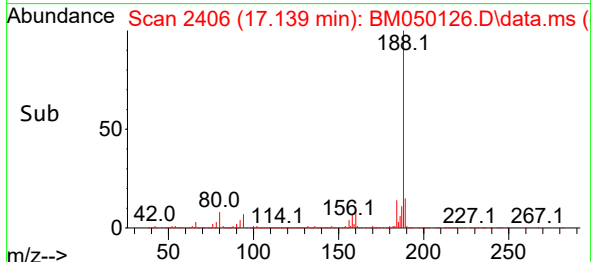
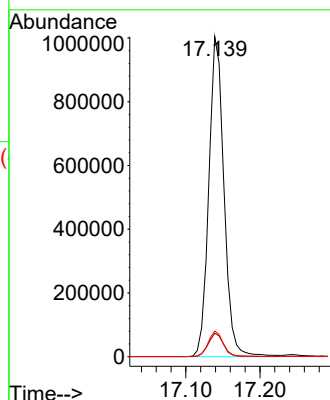
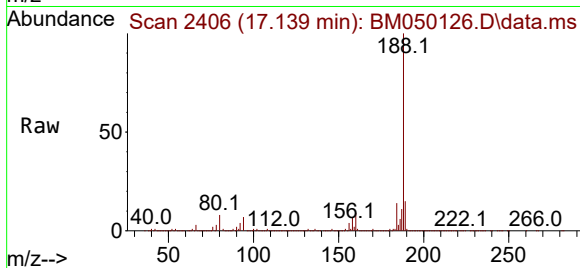
Tgt Ion:188 Resp: 1430201

Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 8.0 6.2 9.4



#75

Fluoranthene

Concen: 2.202 ng

RT: 19.204 min Scan# 2757

Delta R.T. -0.012 min

Lab File: BM050126.D

Acq: 06 May 2025 19:15

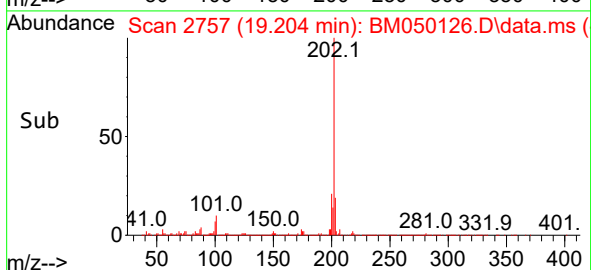
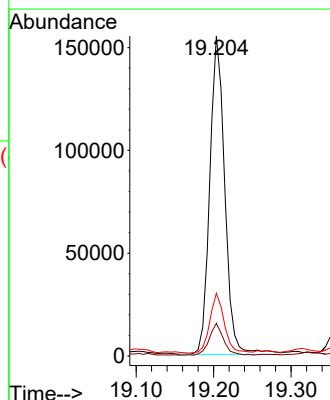
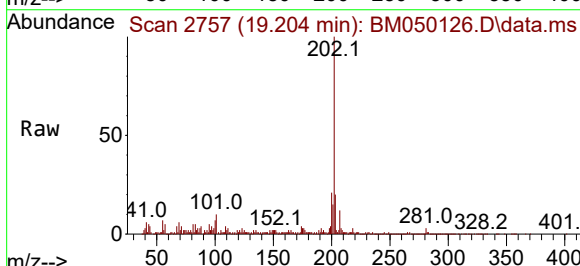
Tgt Ion:202 Resp: 208579

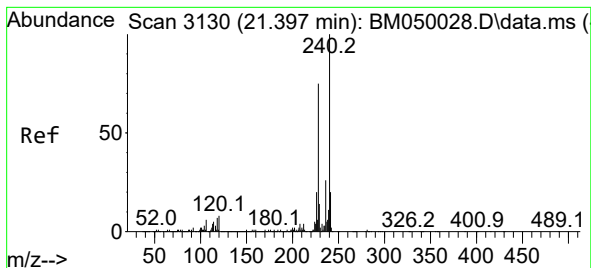
Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.0

203 19.6 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM050126.D

Acq: 06 May 2025 19:15

Instrument :

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ClientSampleId :

EO-01-050525

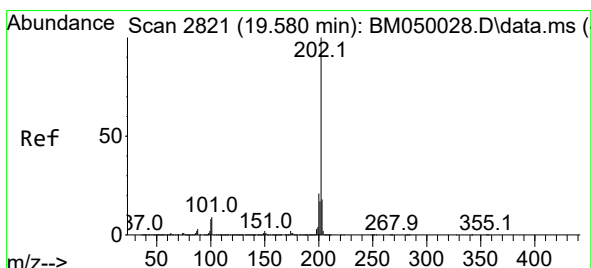
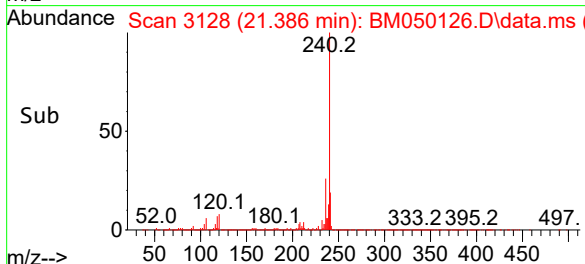
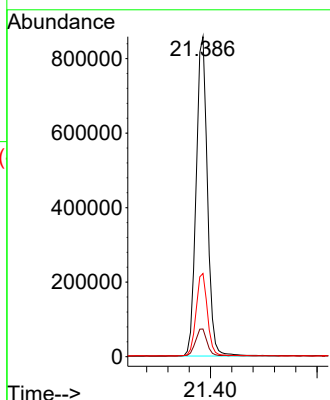
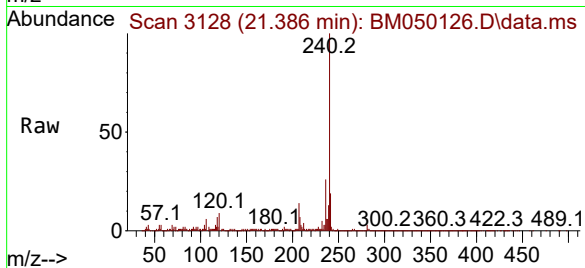
Tgt Ion:240 Resp: 1258660

Ion Ratio Lower Upper

240 100

120 8.7 6.5 9.7

236 26.0 20.9 31.3



#78

Pyrene

Concen: 2.628 ng

RT: 19.568 min Scan# 2819

Delta R.T. -0.012 min

Lab File: BM050126.D

Acq: 06 May 2025 19:15

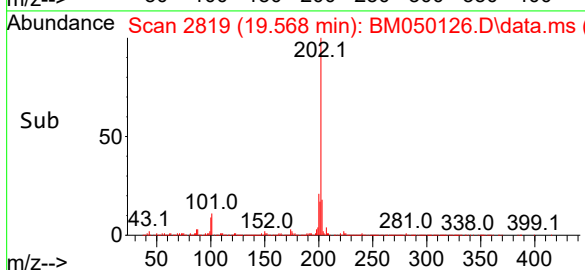
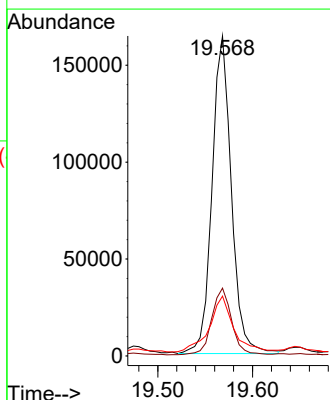
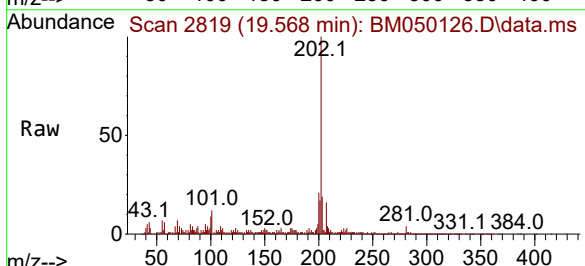
Tgt Ion:202 Resp: 232295

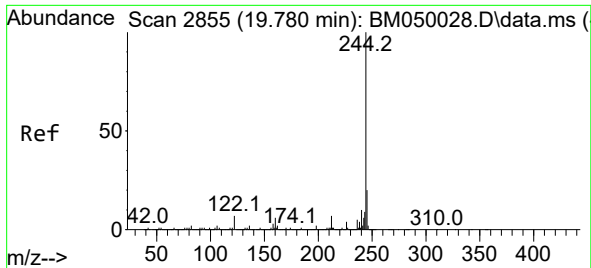
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 18.7 14.1 21.1

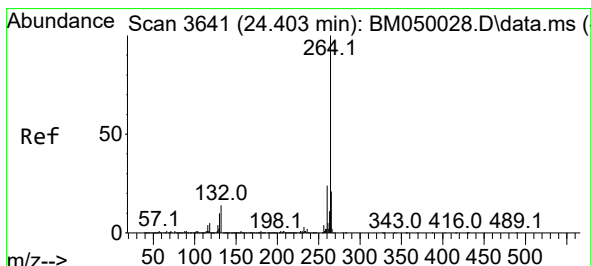
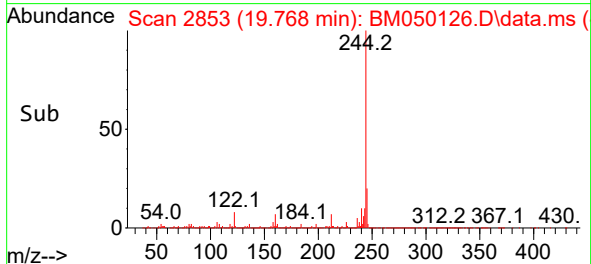
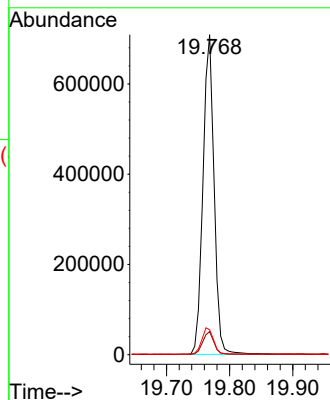
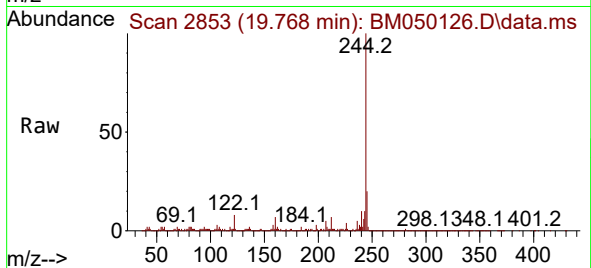




#79
 Terphenyl-d14
 Concen: 10.191 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050126.D
 Acq: 06 May 2025 19:15

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-050525

Tgt Ion:244 Resp: 866846
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 7.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.380 min Scan# 3637
 Delta R.T. -0.023 min
 Lab File: BM050126.D
 Acq: 06 May 2025 19:15

Tgt Ion:264 Resp: 1355095
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.8 17.0 25.4

