

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049913.D
 Acq On : 14 Apr 2025 14:31
 Operator : RC/JU
 Sample : Q1756-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

Quant Time: Apr 14 15:38:41 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)

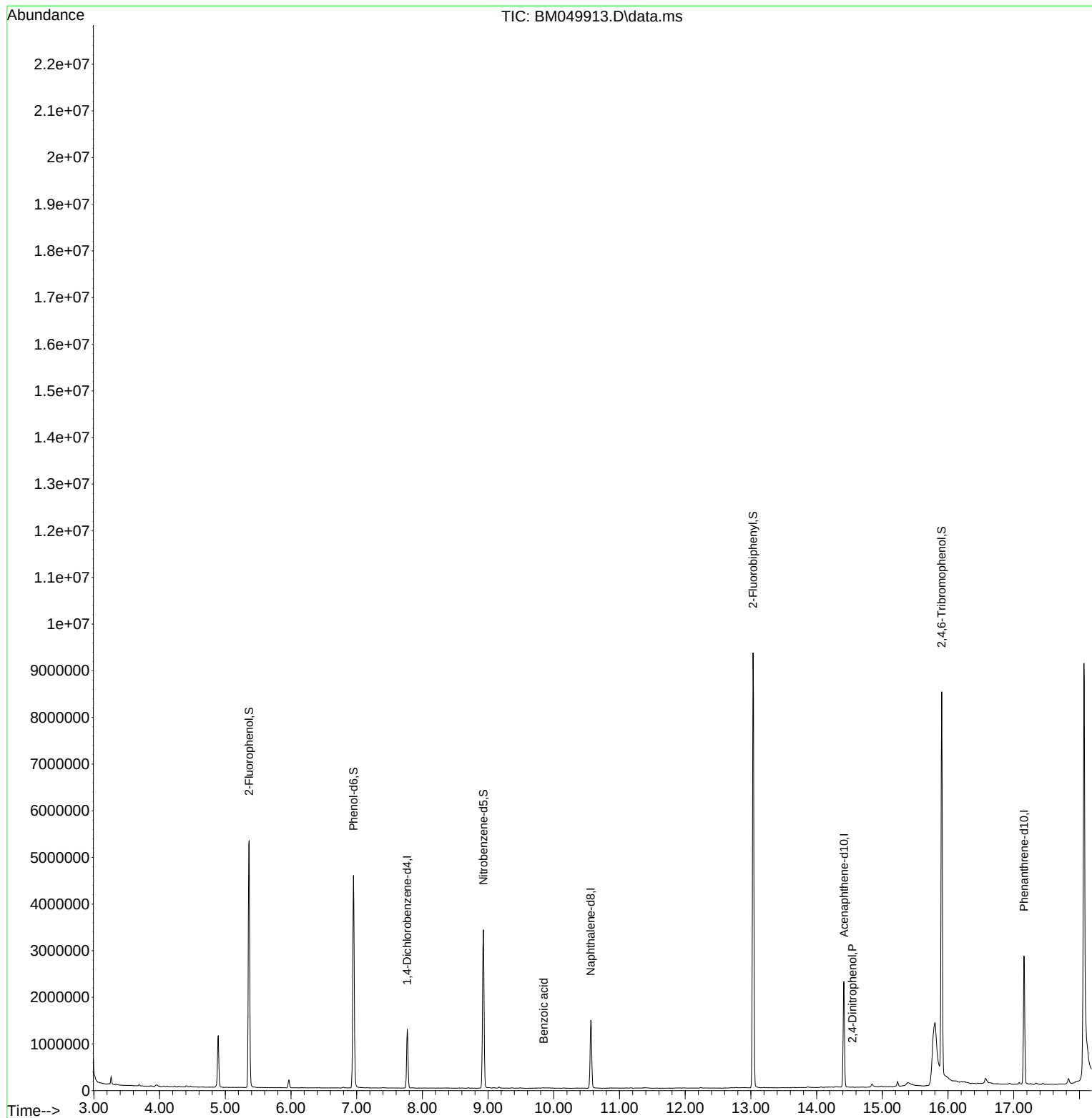
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	357006	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1249576	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	816099	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1638754	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1640964	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1861634	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2496021	118.722	ng	0.00
7) Phenol-d6	6.951	99	2760227	105.522	ng	0.00
23) Nitrobenzene-d5	8.928	82	1965472	87.588	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1692514	142.582	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5094124	84.643	ng	-0.01
79) Terphenyl-d14	19.786	244	8880132	101.415	ng	0.00
Target Compounds						
32) Benzoic acid	9.845	122	4602	8.773	ng	# 82
54) 2,4-Dinitrophenol	14.545	184	58	7.231	ng	# 2

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

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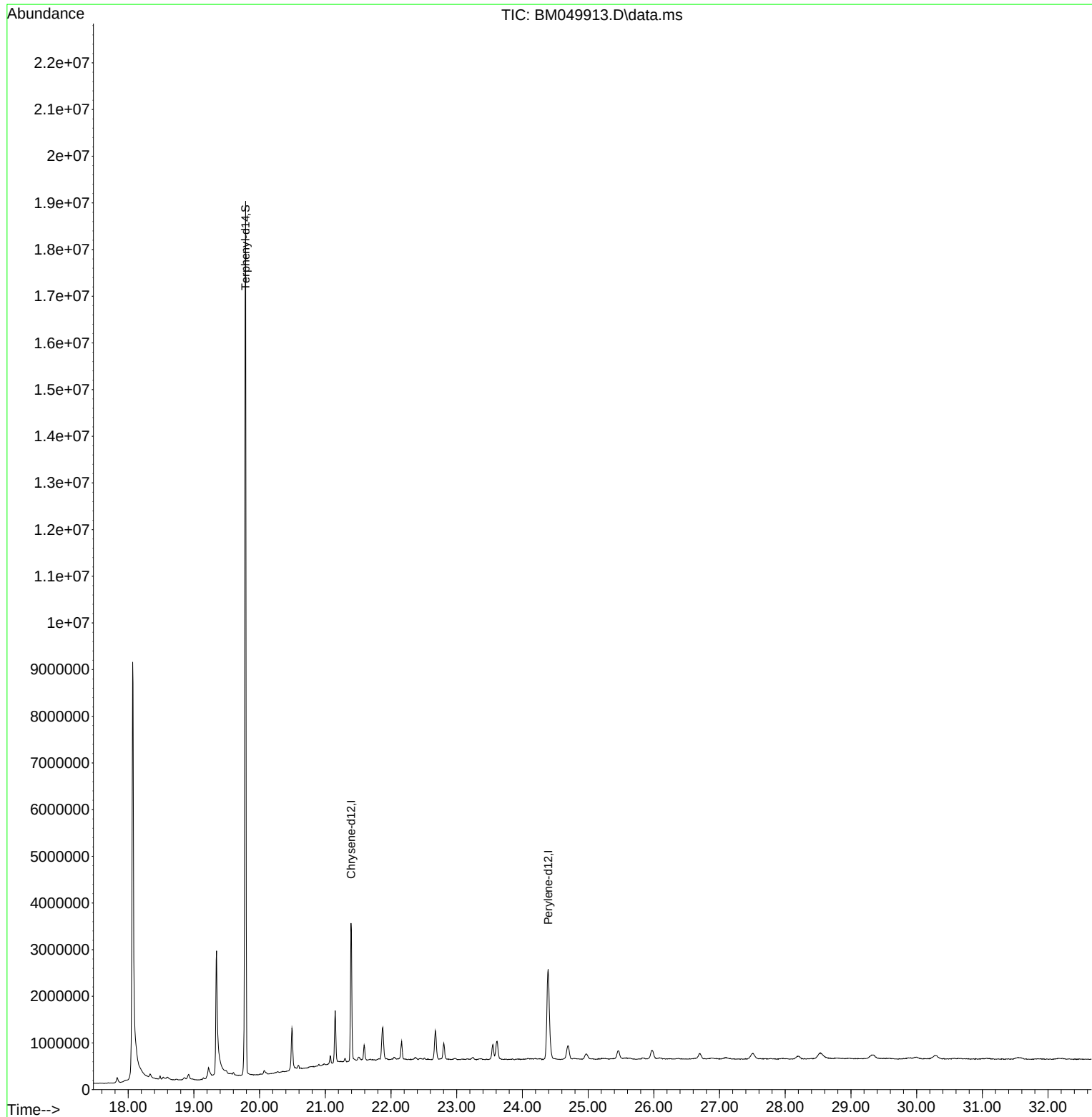
Quant Time: Apr 14 15:38:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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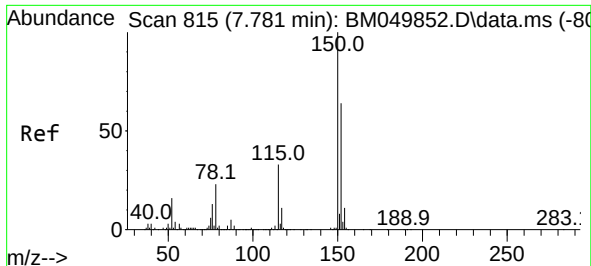


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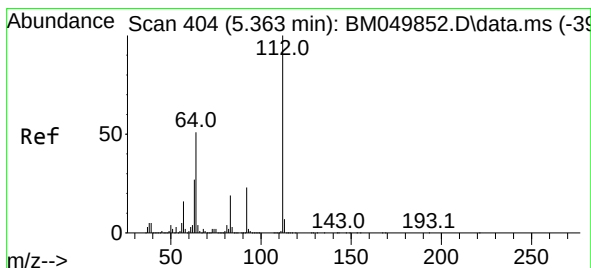
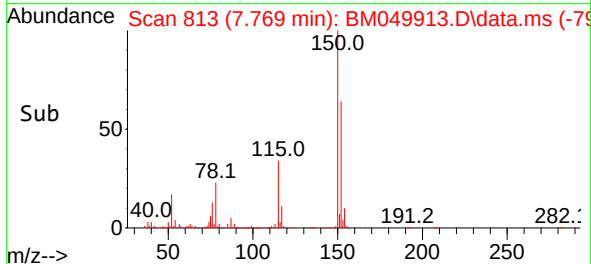
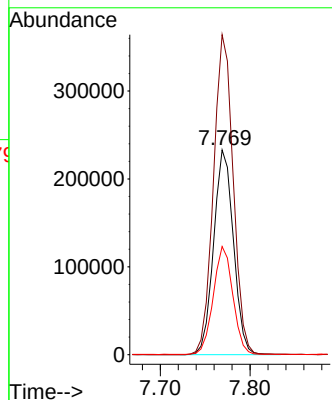
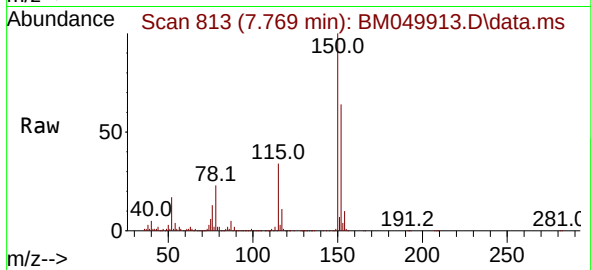




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

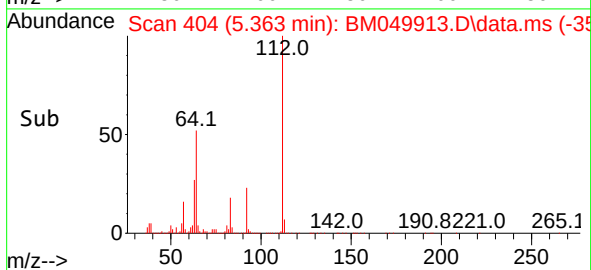
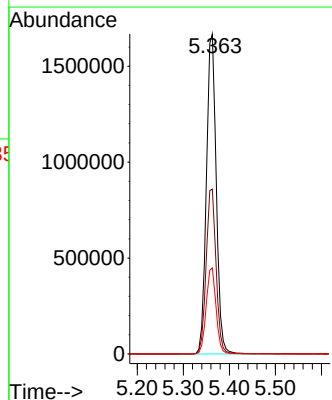
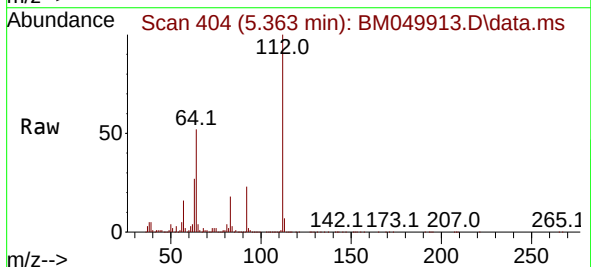
Instrument :
BNA_M
ClientSampleId :
TP-9

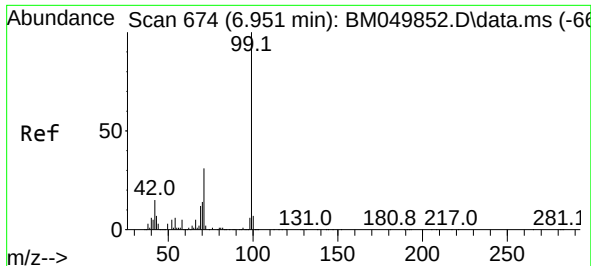
Tgt Ion:152 Resp: 357006
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 52.8 41.1 61.7



#5
2-Fluorophenol
Concen: 118.722 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:112 Resp: 2496021
Ion Ratio Lower Upper
112 100
64 51.5 41.0 61.6
63 26.9 21.5 32.3



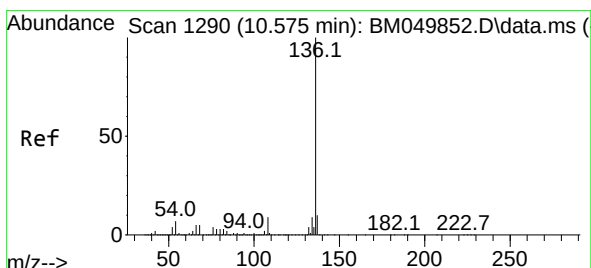
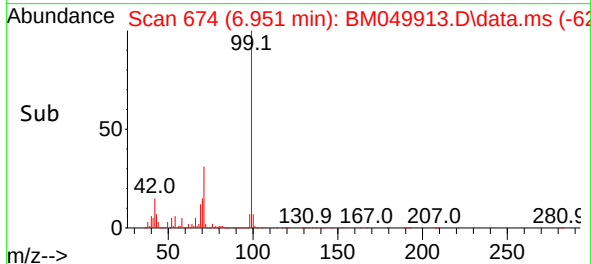
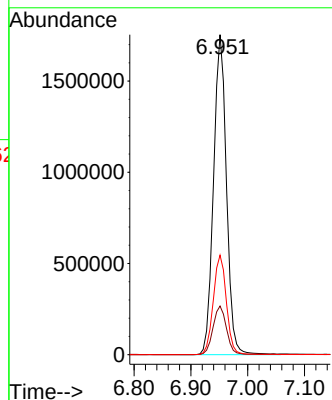
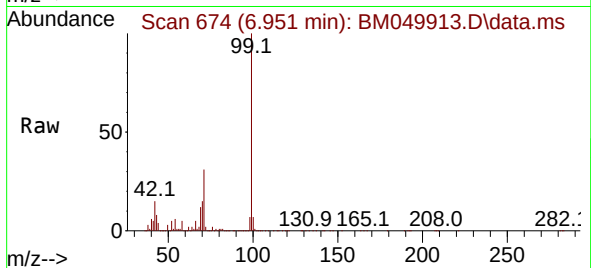


#7
Phenol-d6
Concen: 105.522 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 2760227

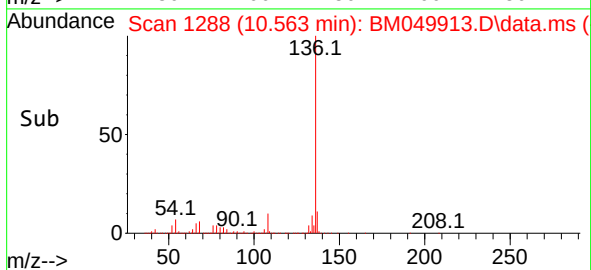
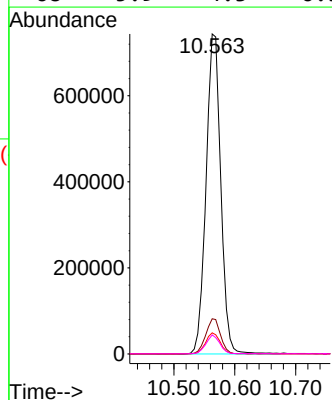
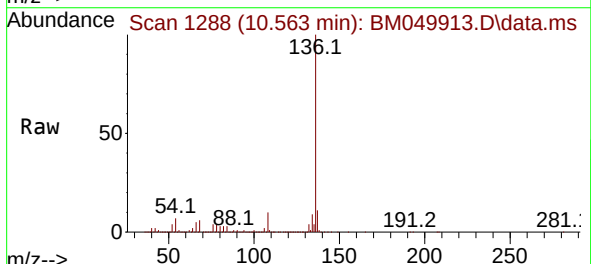
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.1	24.9	37.3

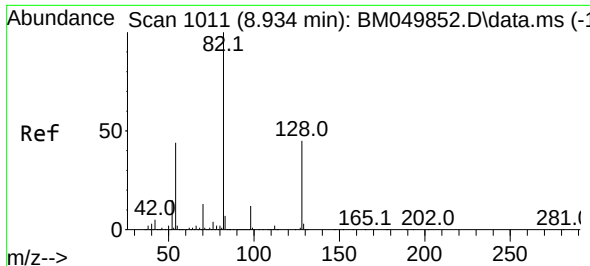


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion: 136 Resp: 1249576

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.6	5.3	7.9
68	5.9	4.3	6.5

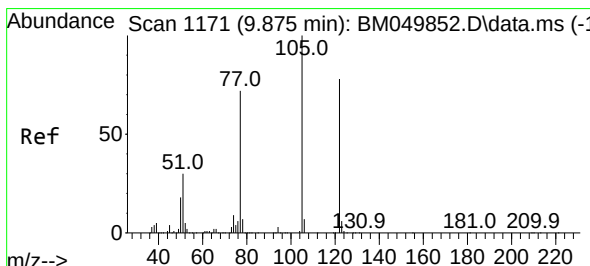
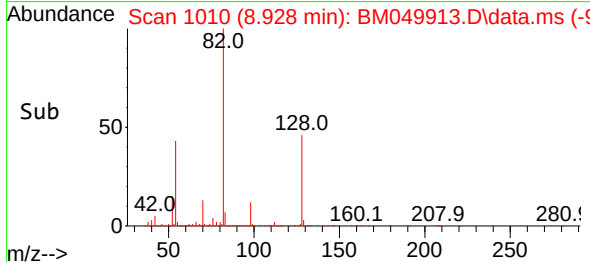
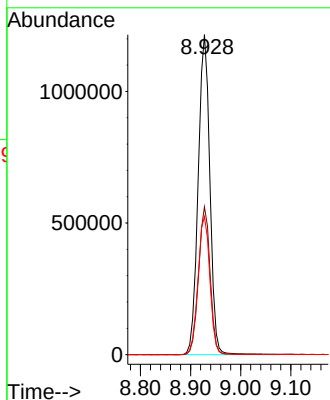
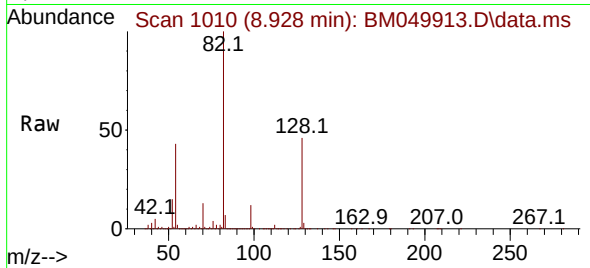




#23
Nitrobenzene-d5
Concen: 87.588 ng
RT: 8.928 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

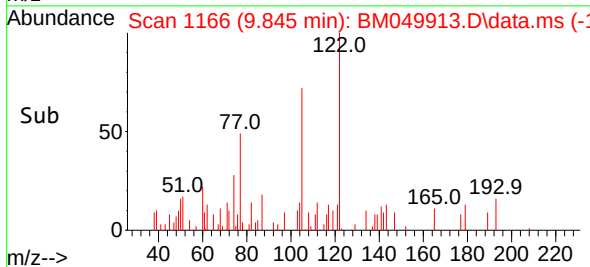
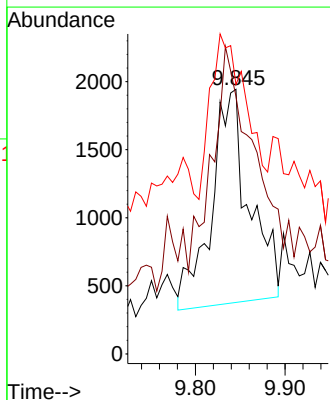
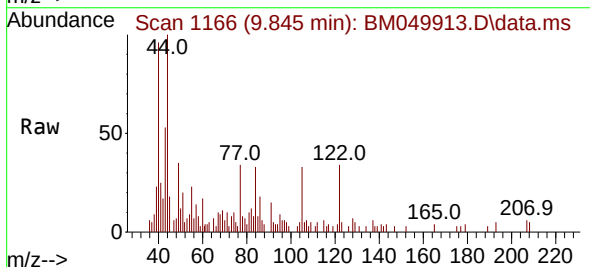
Instrument :
BNA_M
ClientSampleId :
TP-9

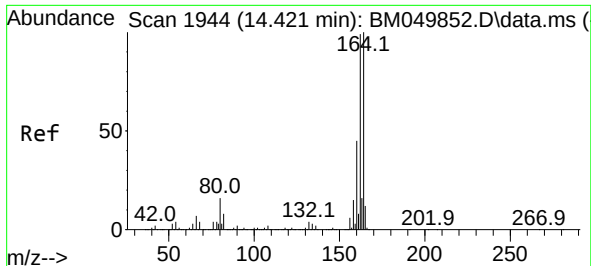
Tgt Ion: 82 Resp: 1965472
Ion Ratio Lower Upper
82 100
128 46.2 36.2 54.2
54 43.2 35.0 52.6



#32
Benzoic acid
Concen: 8.773 ng
RT: 9.845 min Scan# 1166
Delta R.T. -0.030 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:122 Resp: 4602
Ion Ratio Lower Upper
122 100
105 97.4 103.8 143.8#
77 101.9 70.7 110.7

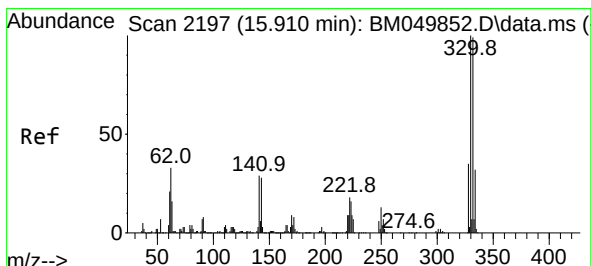
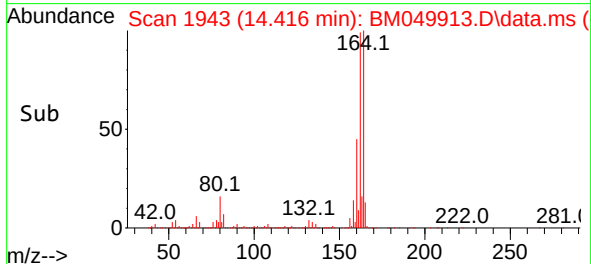
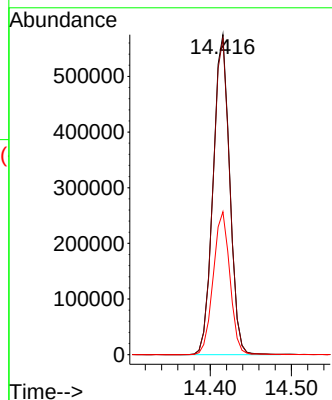
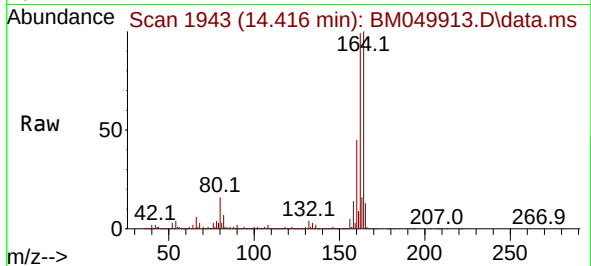




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

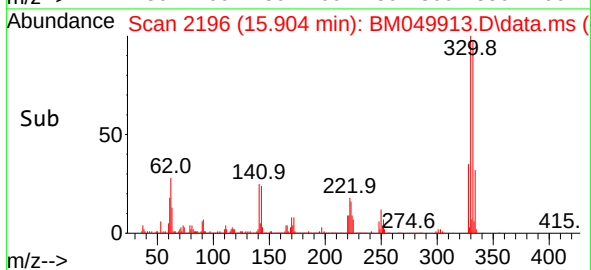
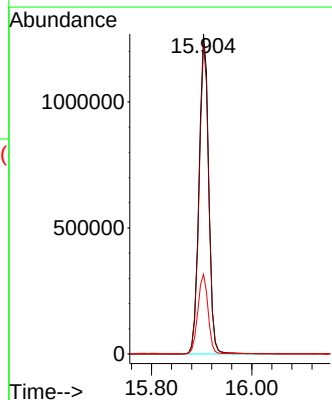
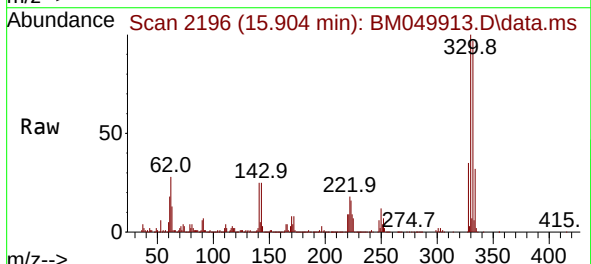
Instrument :
BNA_M
ClientSampleId :
TP-9

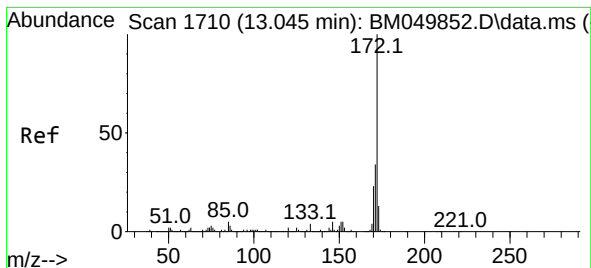
Tgt Ion:164 Resp: 816099
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 44.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 142.582 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:330 Resp: 1692514
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 26.1 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 84.643 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049913.D

Acq: 14 Apr 2025 14:31

Instrument :

BNA_M

ClientSampleId :

TP-9

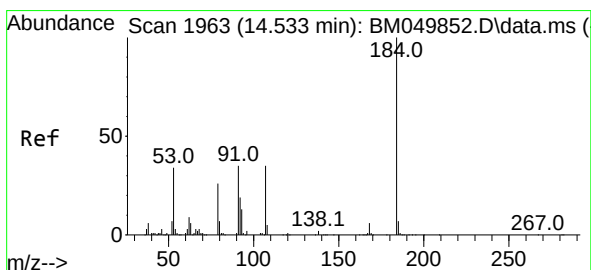
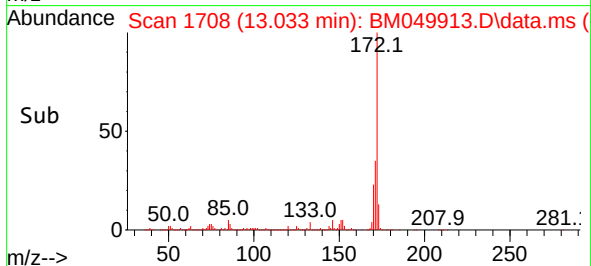
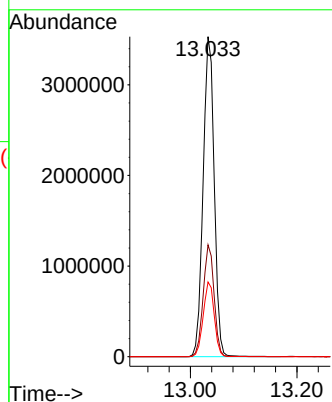
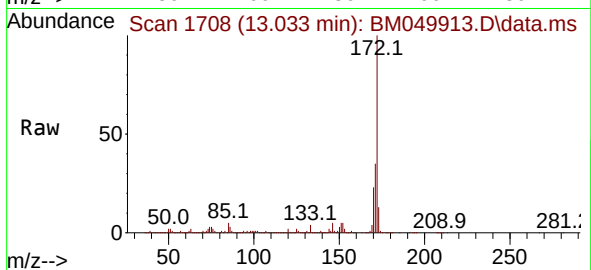
Tgt Ion:172 Resp: 5094124

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.2

170 23.4 18.6 28.0



#54

2,4-Dinitrophenol

Concen: 7.231 ng

RT: 14.545 min Scan# 1965

Delta R.T. 0.012 min

Lab File: BM049913.D

Acq: 14 Apr 2025 14:31

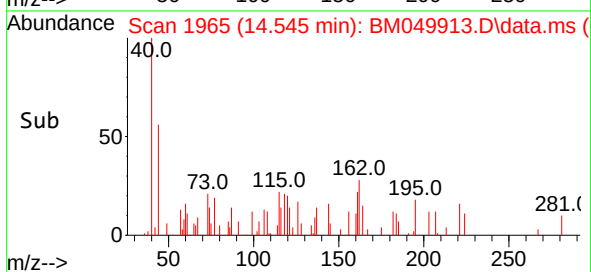
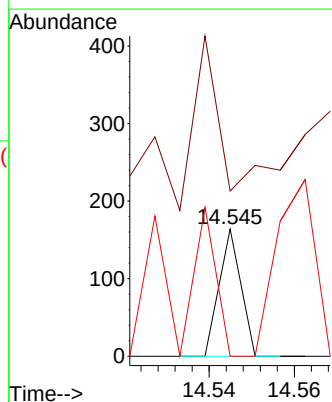
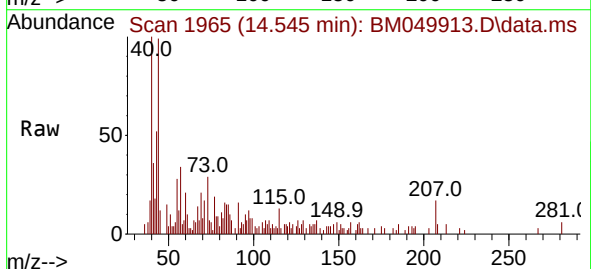
Tgt Ion:184 Resp: 58

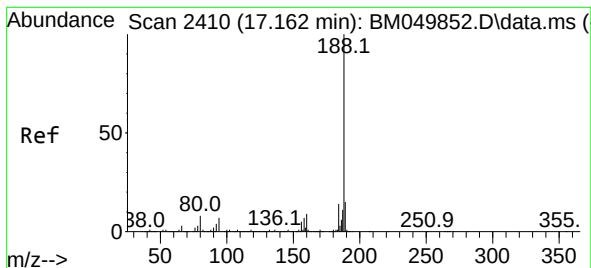
Ion Ratio Lower Upper

184 100

63 129.9 38.4 57.6#

154 0.0 48.1 72.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049913.D

Acq: 14 Apr 2025 14:31

Instrument :

BNA_M

ClientSampleId :

TP-9

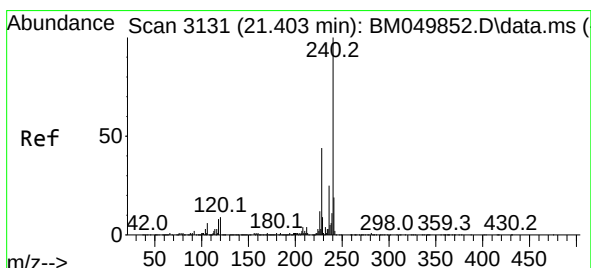
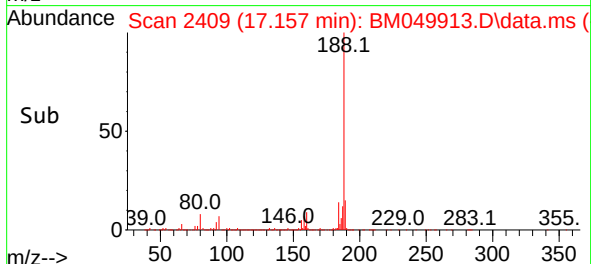
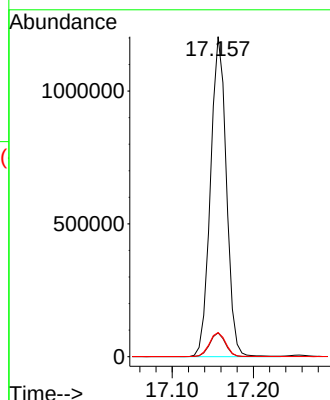
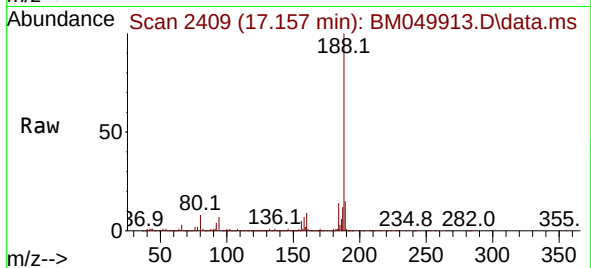
Tgt Ion:188 Resp: 1638754

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

80 7.6 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BM049913.D

Acq: 14 Apr 2025 14:31

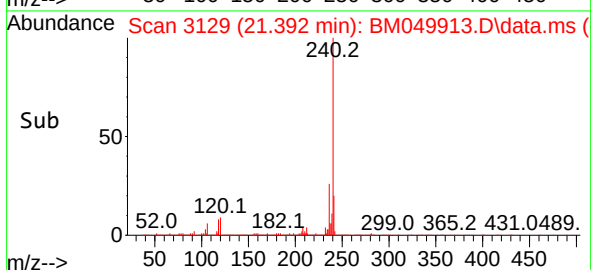
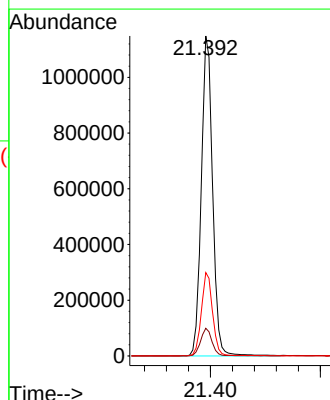
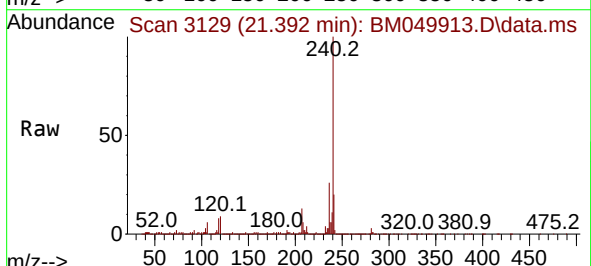
Tgt Ion:240 Resp: 1640964

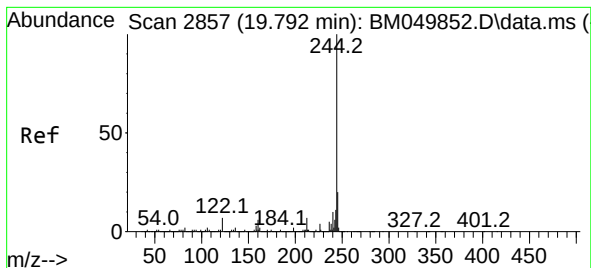
Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 101.415 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049913.D

Acq: 14 Apr 2025 14:31

Instrument :

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TP-9

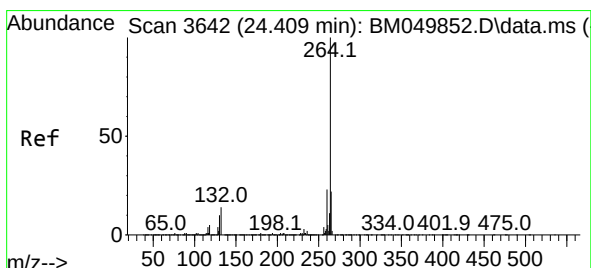
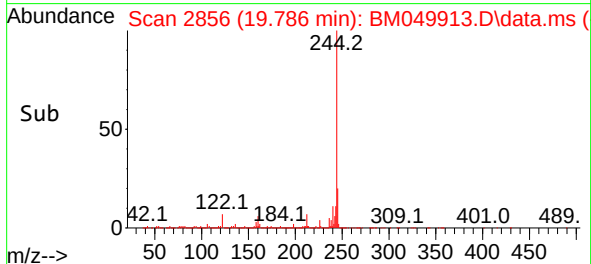
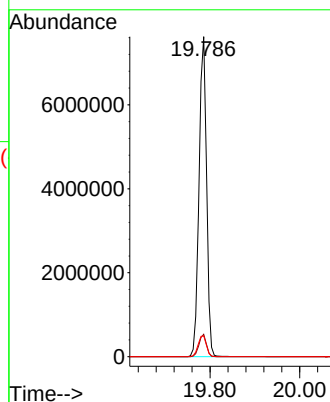
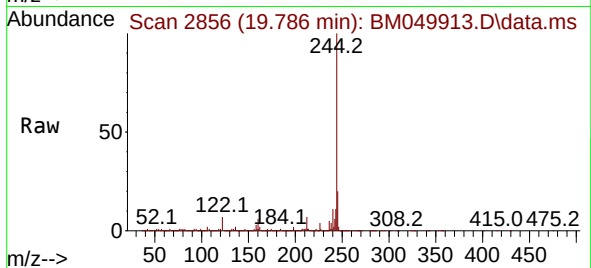
Tgt Ion:244 Resp: 8880132

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 6.5 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: BM049913.D

Acq: 14 Apr 2025 14:31

Tgt Ion:264 Resp: 1861634

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.1 17.8 26.8

