

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049917.D
 Acq On : 14 Apr 2025 17:08
 Operator : RC/JU
 Sample : Q1760-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-15

Quant Time: Apr 14 19:03:34 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)

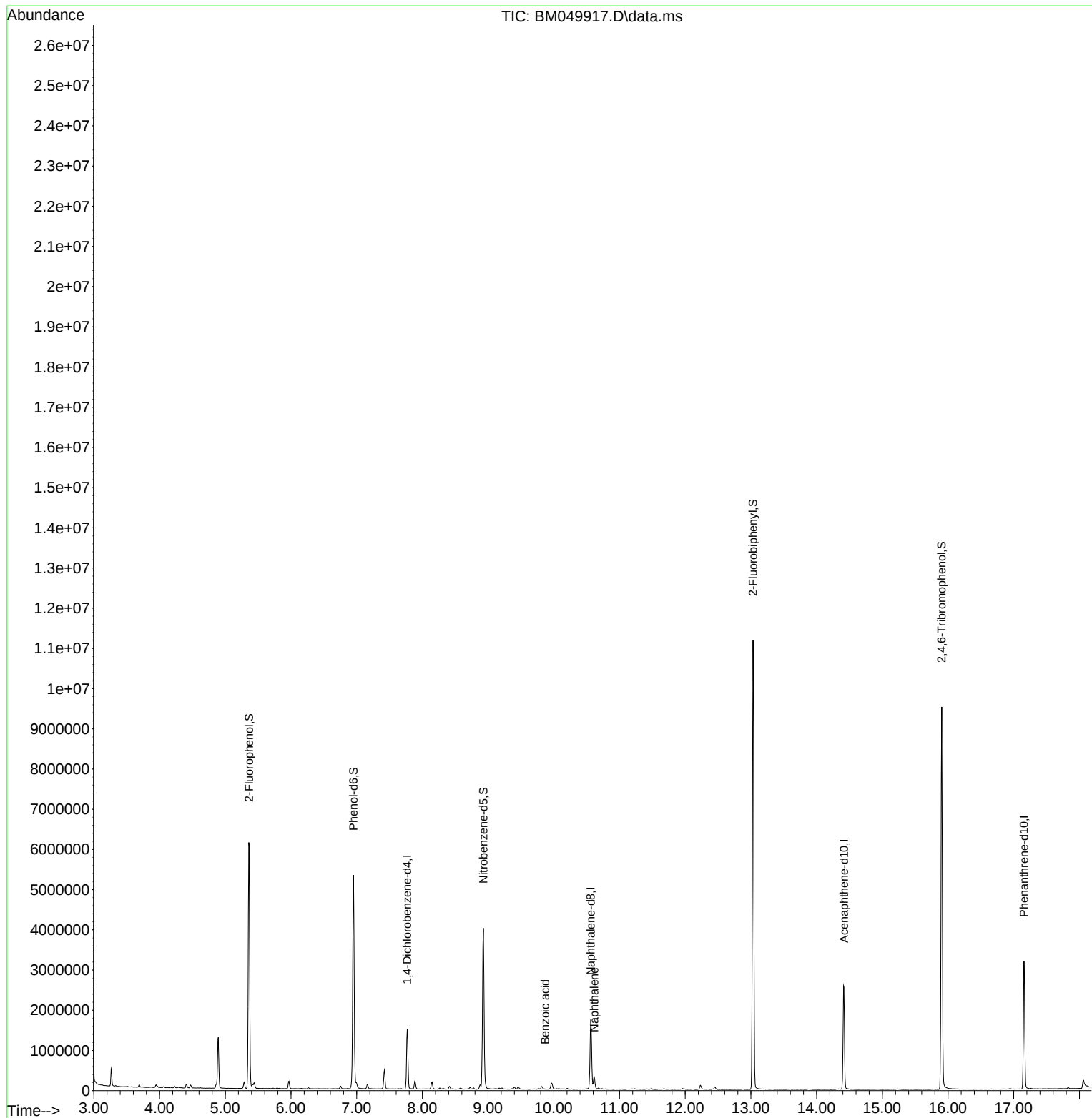
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	428027	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1481991	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	965248	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1916547	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1860704	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1898093	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2865308	113.673	ng	0.00
7) Phenol-d6	6.951	99	3190911	101.746	ng	0.00
23) Nitrobenzene-d5	8.928	82	2297797	86.339	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1966244	140.047	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6086253	85.502	ng	-0.01
79) Terphenyl-d14	19.786	244	10391110	104.656	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.616	128	235573	3.094	ng	99
32) Benzoic acid	9.869	122	270	8.550	ng	# 14

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

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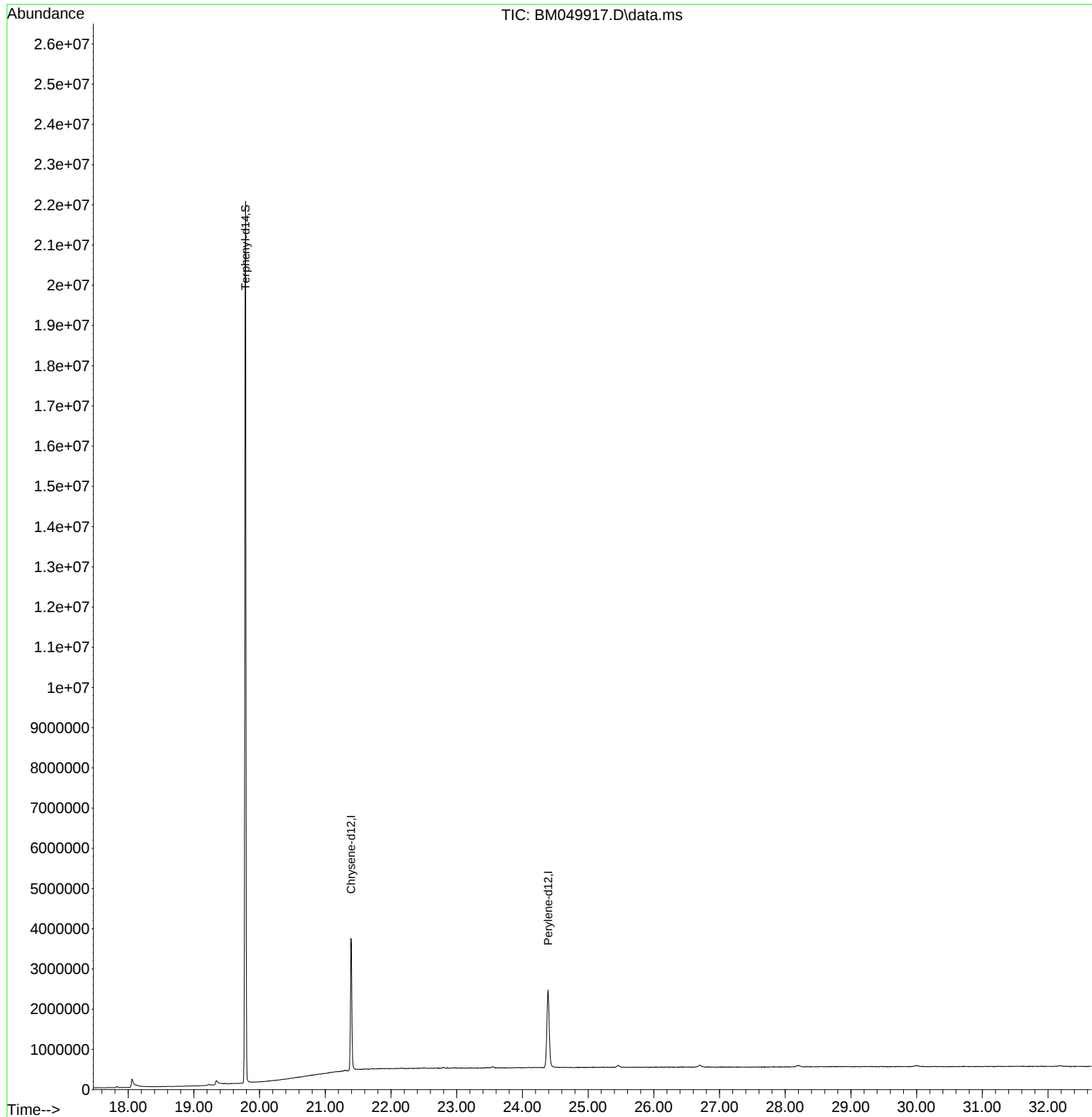
Quant Time: Apr 14 19:03:34 2025
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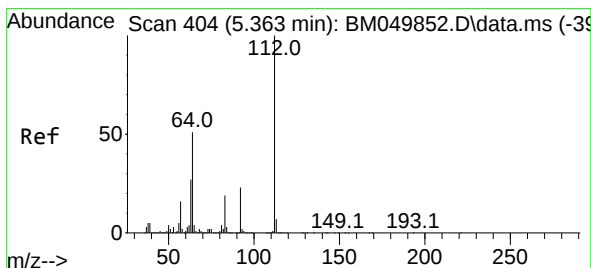
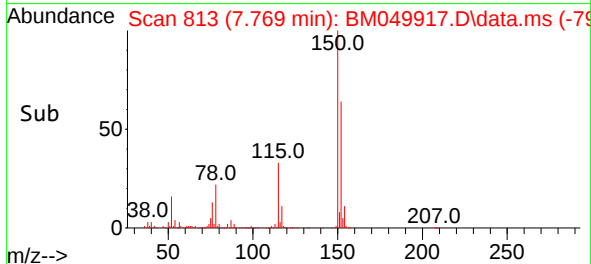
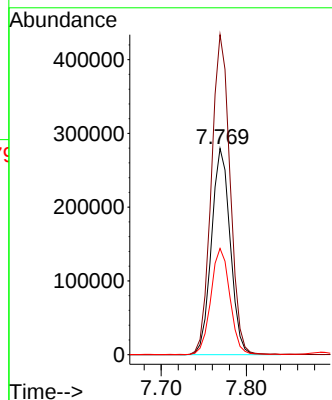
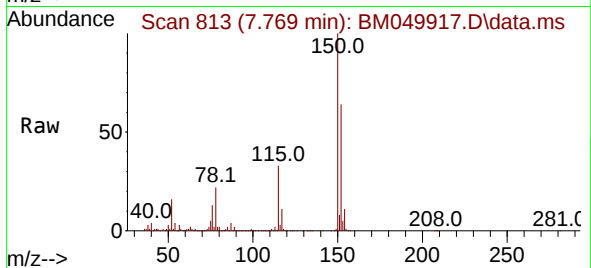




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049917.D
Acq: 14 Apr 2025 17:08

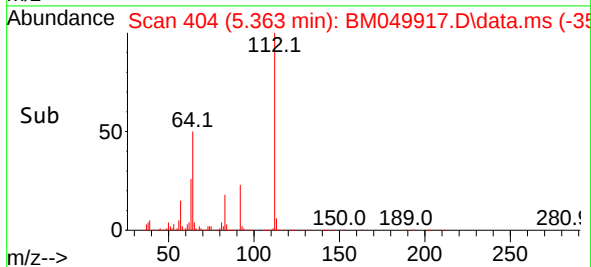
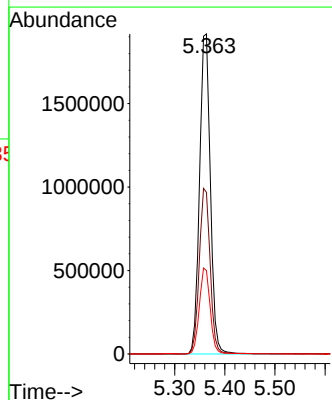
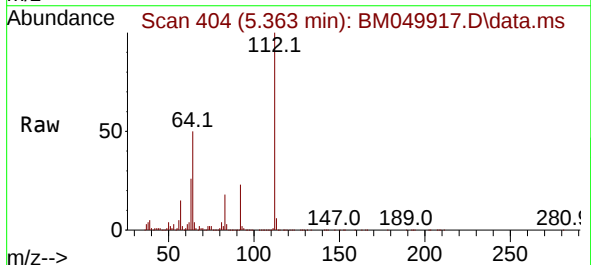
Instrument :
BNA_M
ClientSampleId :
TP-15

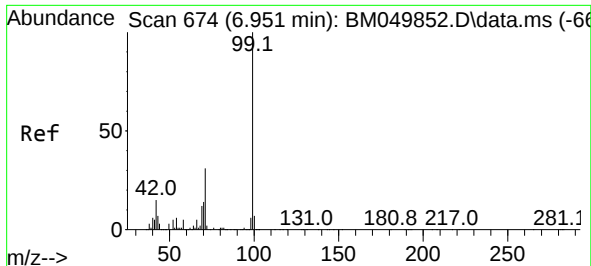
Tgt Ion:152 Resp: 428027
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 51.6 41.1 61.7



#5
2-Fluorophenol
Concen: 113.673 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049917.D
Acq: 14 Apr 2025 17:08

Tgt Ion:112 Resp: 2865308
Ion Ratio Lower Upper
112 100
64 50.5 41.0 61.6
63 26.0 21.5 32.3

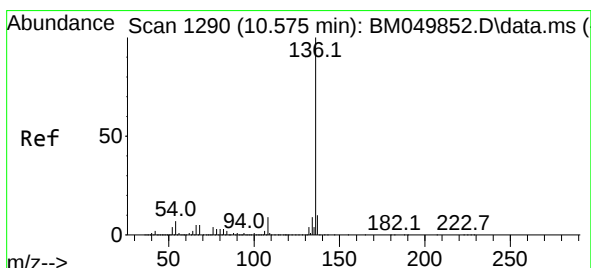
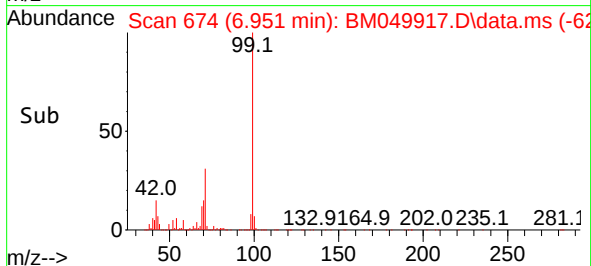
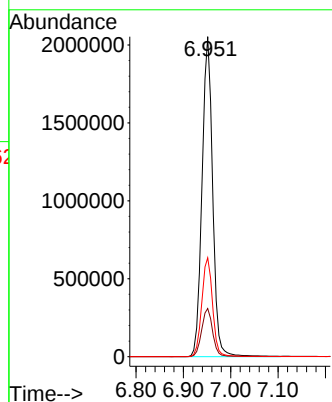
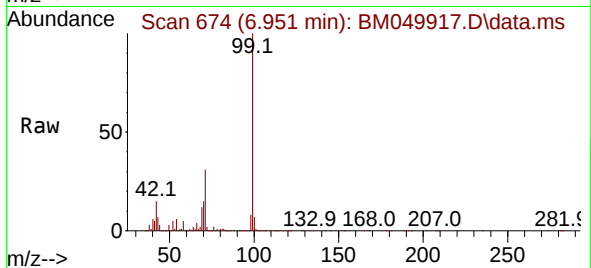




#7
Phenol-d6
Concen: 101.746 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049917.D
Acq: 14 Apr 2025 17:08

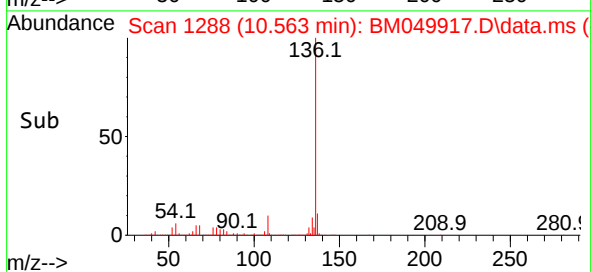
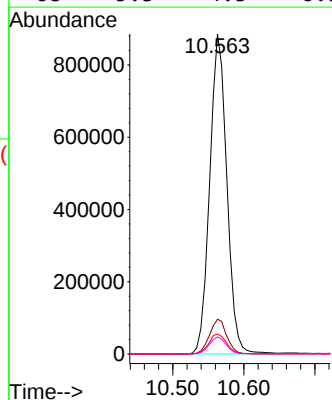
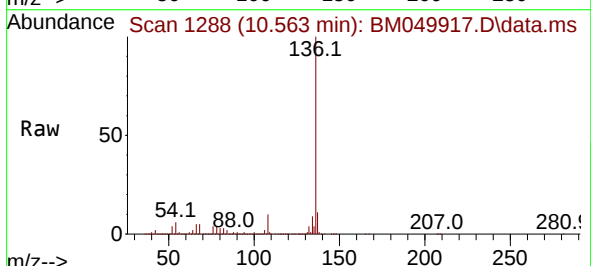
Instrument :
BNA_M
ClientSampleId :
TP-15

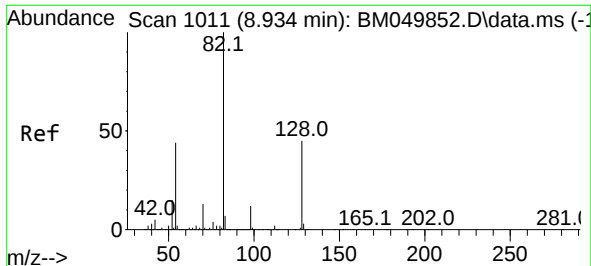
Tgt Ion: 99 Resp: 3190911
Ion Ratio Lower Upper
99 100
42 15.1 12.1 18.1
71 30.9 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049917.D
Acq: 14 Apr 2025 17:08

Tgt Ion: 136 Resp: 1481991
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.3 5.3 7.9
68 5.3 4.3 6.5

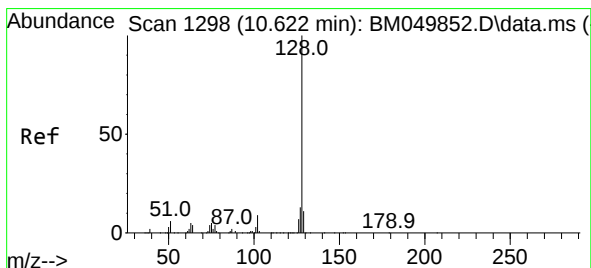
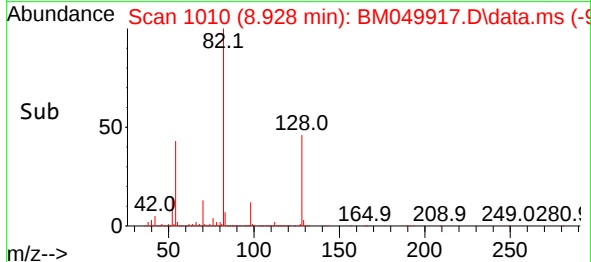
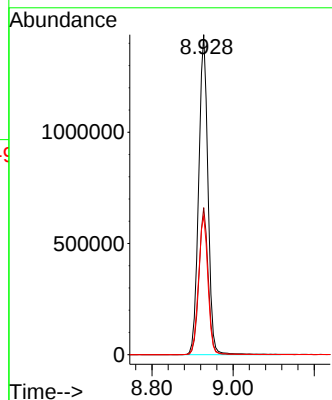
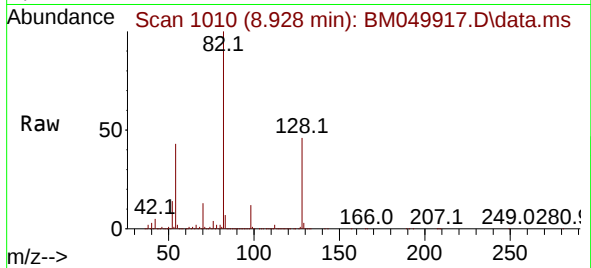




#23
Nitrobenzene-d5
Concen: 86.339 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049917.D
Acq: 14 Apr 2025 17:08

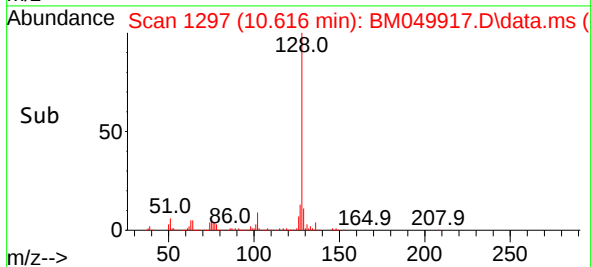
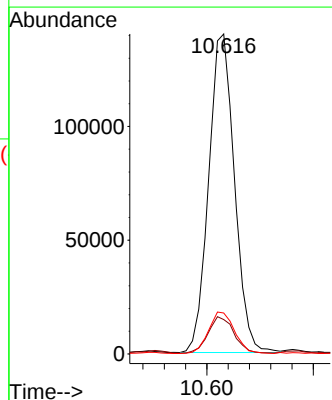
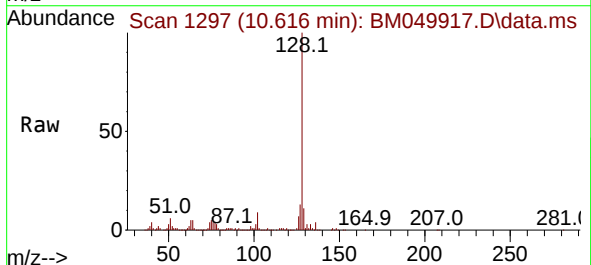
Instrument :
BNA_M
ClientSampleId :
TP-15

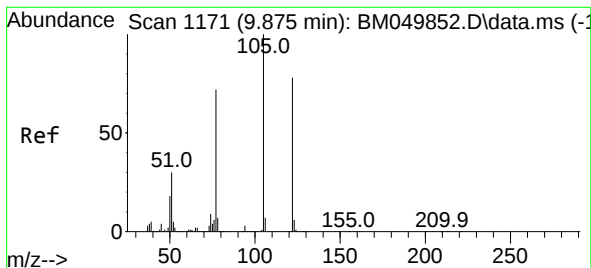
Tgt Ion: 82 Resp: 2297797
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.2
54 43.3 35.0 52.6



#31
Naphthalene
Concen: 3.094 ng
RT: 10.616 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM049917.D
Acq: 14 Apr 2025 17:08

Tgt Ion: 128 Resp: 235573
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.6 15.8





#32

Benzoic acid

Concen: 8.550 ng

RT: 9.869 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BM049917.D

Acq: 14 Apr 2025 17:08

Instrument :

BNA_M

ClientSampleId :

TP-15

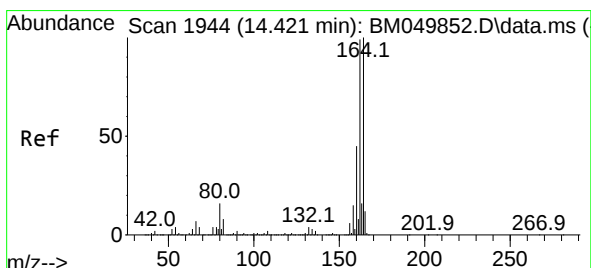
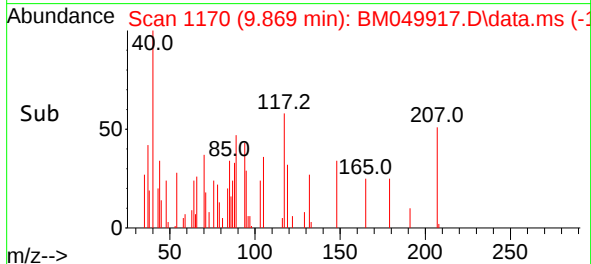
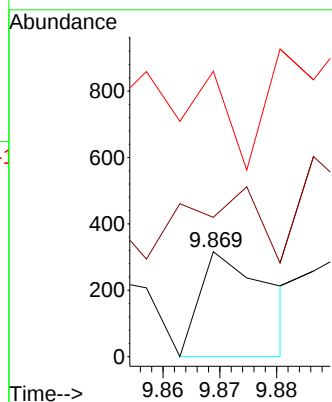
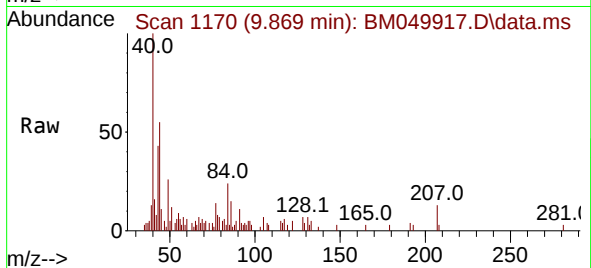
Tgt Ion:122 Resp: 270

Ion Ratio Lower Upper

122 100

105 132.9 103.8 143.8

77 272.2 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: BM049917.D

Acq: 14 Apr 2025 17:08

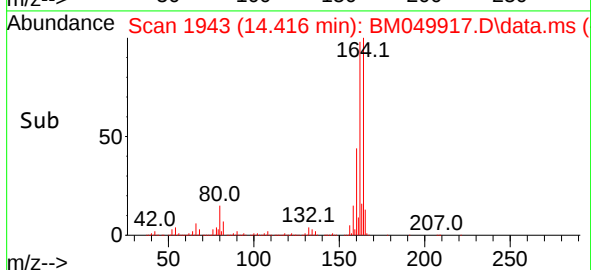
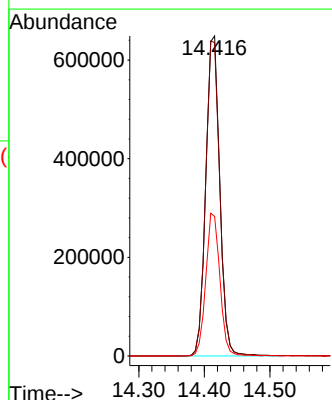
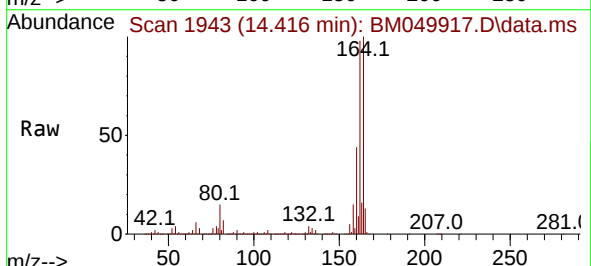
Tgt Ion:164 Resp: 965248

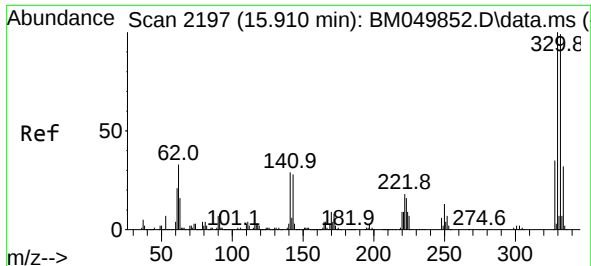
Ion Ratio Lower Upper

164 100

162 97.9 79.4 119.0

160 43.6 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 140.047 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049917.D

Acq: 14 Apr 2025 17:08

Instrument :

BNA_M

ClientSampleId :

TP-15

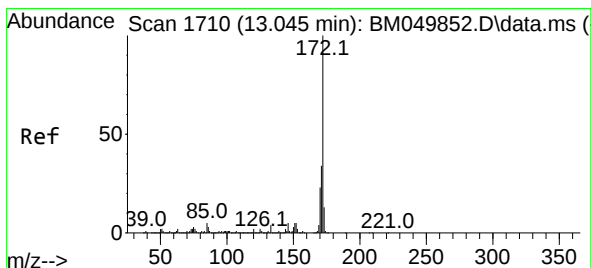
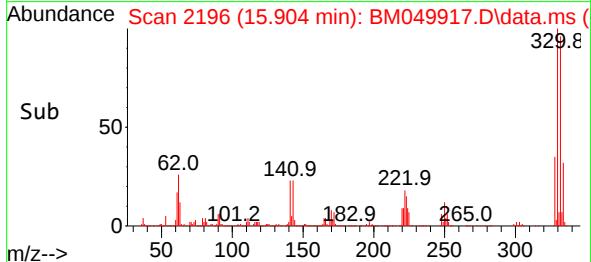
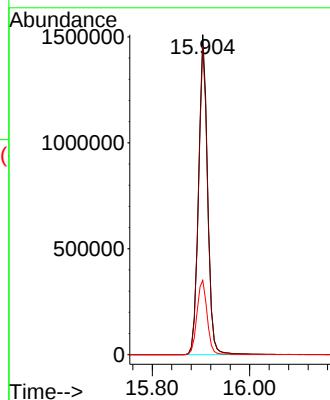
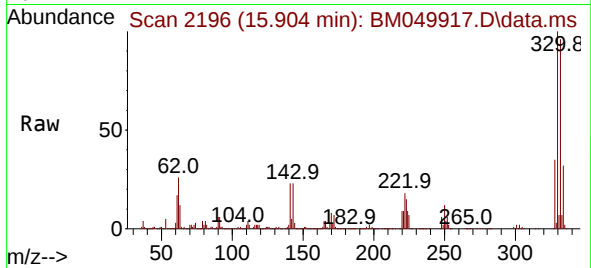
Tgt Ion:330 Resp: 1966244

Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 26.1 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 85.502 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.012 min

Lab File: BM049917.D

Acq: 14 Apr 2025 17:08

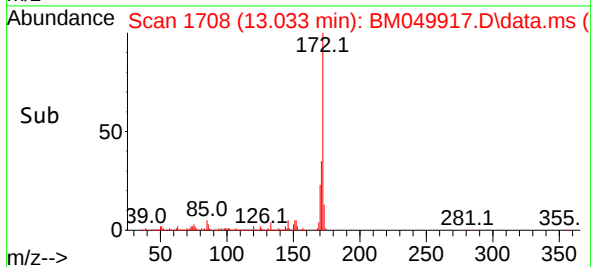
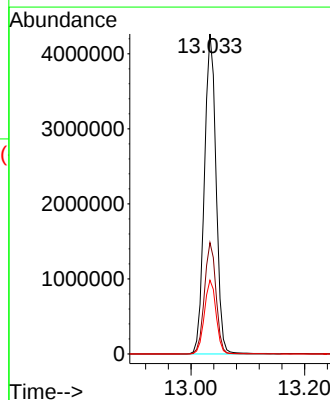
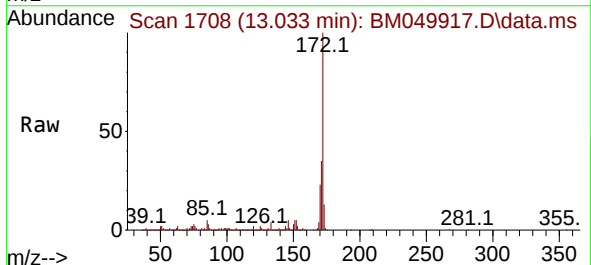
Tgt Ion:172 Resp: 6086253

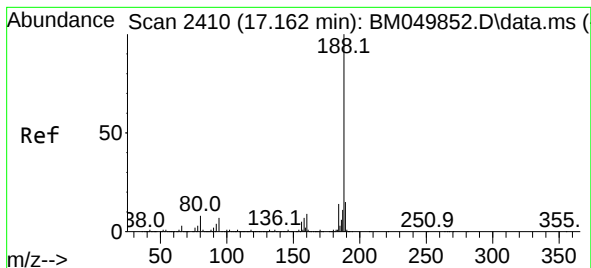
Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.2

170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049917.D

Acq: 14 Apr 2025 17:08

Instrument :

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ClientSampleId :

TP-15

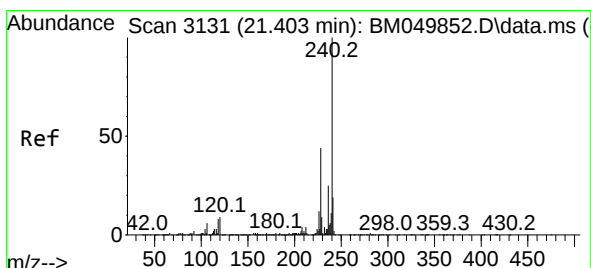
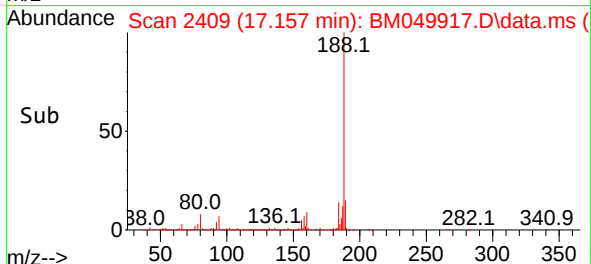
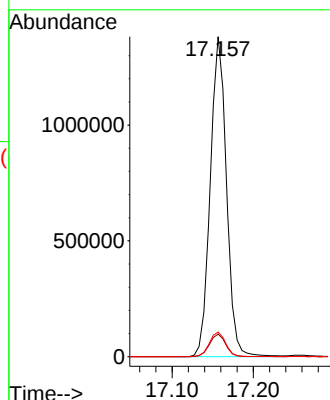
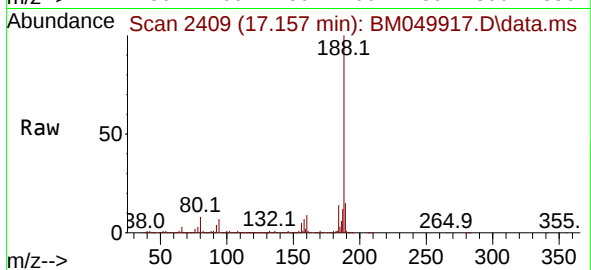
Tgt Ion:188 Resp: 1916547

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 7.7 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: BM049917.D

Acq: 14 Apr 2025 17:08

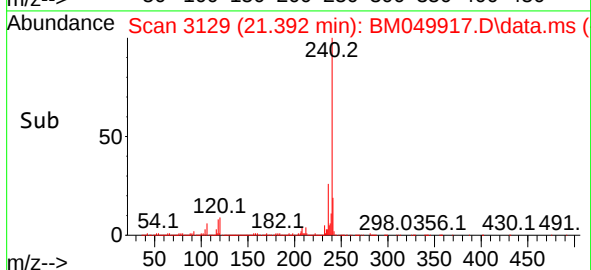
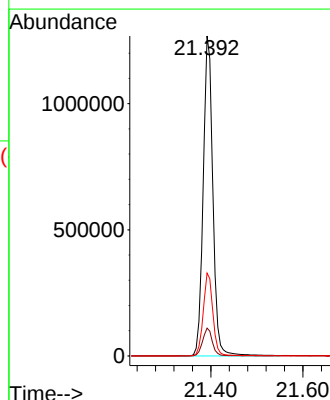
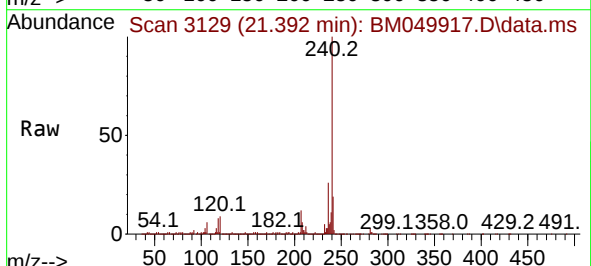
Tgt Ion:240 Resp: 1860704

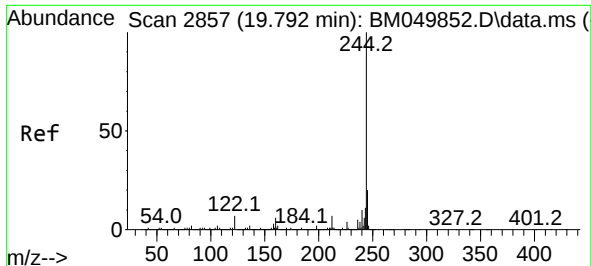
Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

236 25.9 20.4 30.6

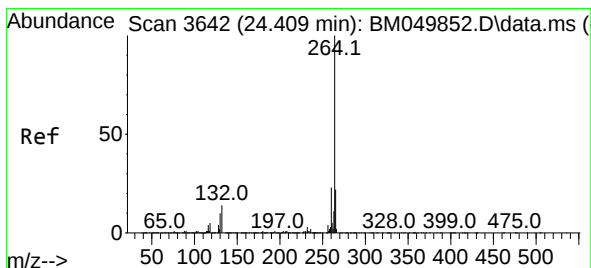
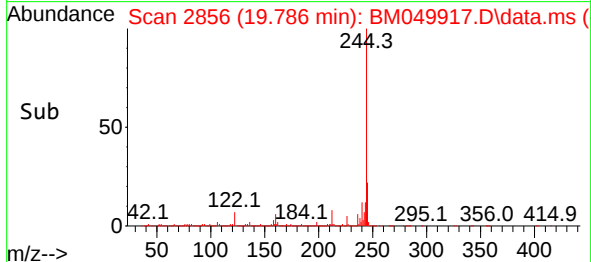
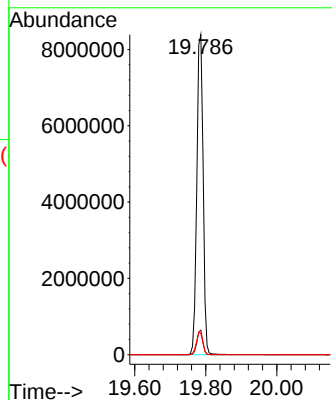
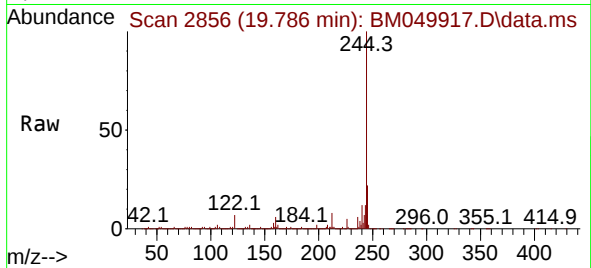




#79
 Terphenyl-d14
 Concen: 104.656 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049917.D
 Acq: 14 Apr 2025 17:08

Instrument :
 BNA_M
 ClientSampleId :
 TP-15

Tgt Ion:244 Resp:10391110
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.5 8.3
 122 6.7 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: BM049917.D
 Acq: 14 Apr 2025 17:08

Tgt Ion:264 Resp: 1898093
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.3 17.8 26.8

