

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049952.D
 Acq On : 16 Apr 2025 14:46
 Operator : RC/JU
 Sample : Q1791-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VB16164

Quant Time: Apr 16 15:24:21 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)

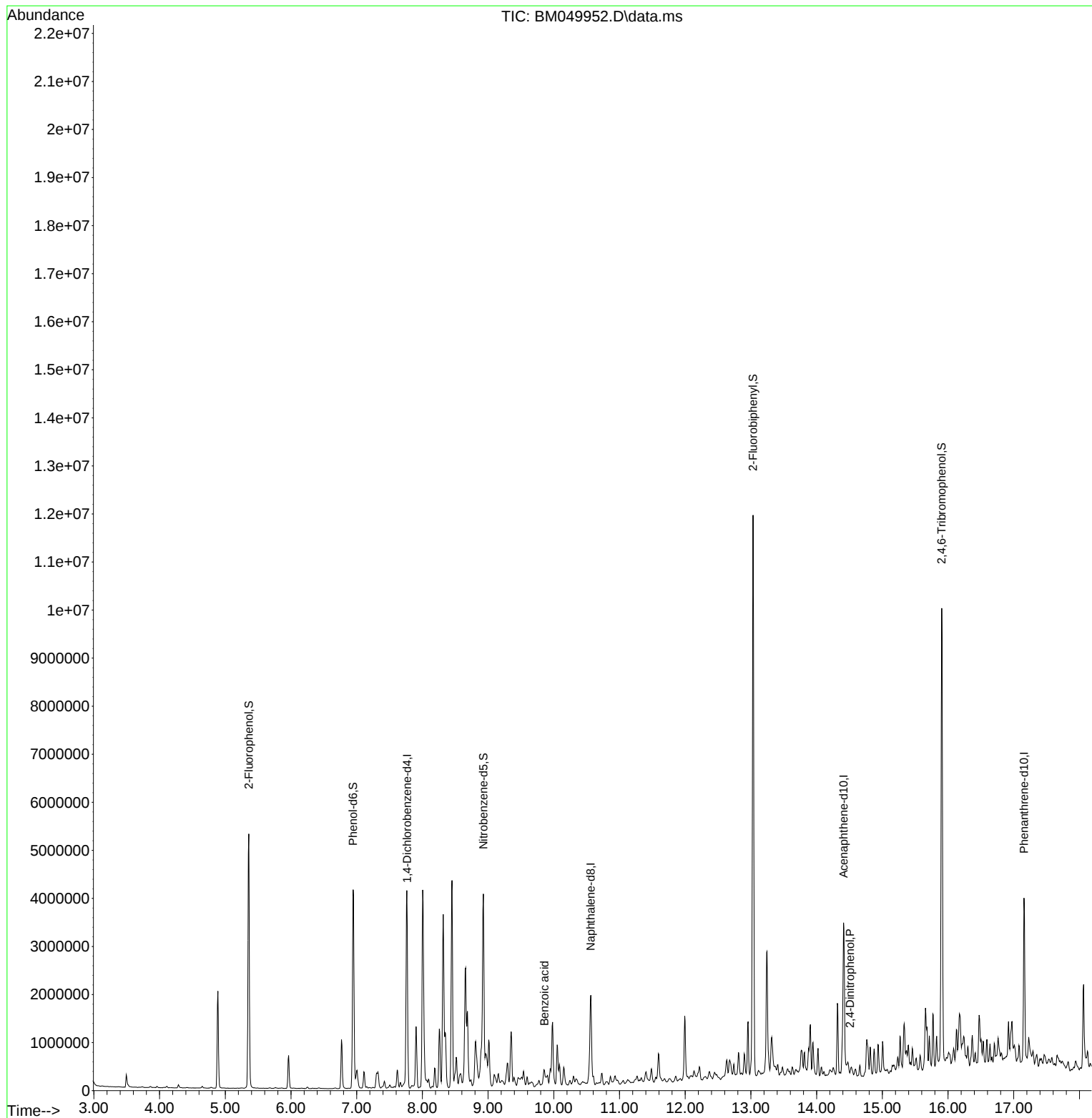
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	432299	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1585785	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	1087785	20.000	ng	-0.01
64) Phenanthrene-d10	17.156	188	2107676	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1625693	20.000	ng	0.00
86) Perylene-d12	24.403	264	1561584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2394500	94.056	ng	0.00
7) Phenol-d6	6.945	99	2482767	78.383	ng	0.00
23) Nitrobenzene-d5	8.928	82	2328942	81.781	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	2091899	132.213	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6341999	79.058	ng	-0.01
79) Terphenyl-d14	19.786	244	8239248	94.980	ng	0.00
Target Compounds						
32) Benzoic acid	9.857	122	1711	8.607	ng	# 1
54) 2,4-Dinitrophenol	14.510	184	536	7.267	ng	# 1

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

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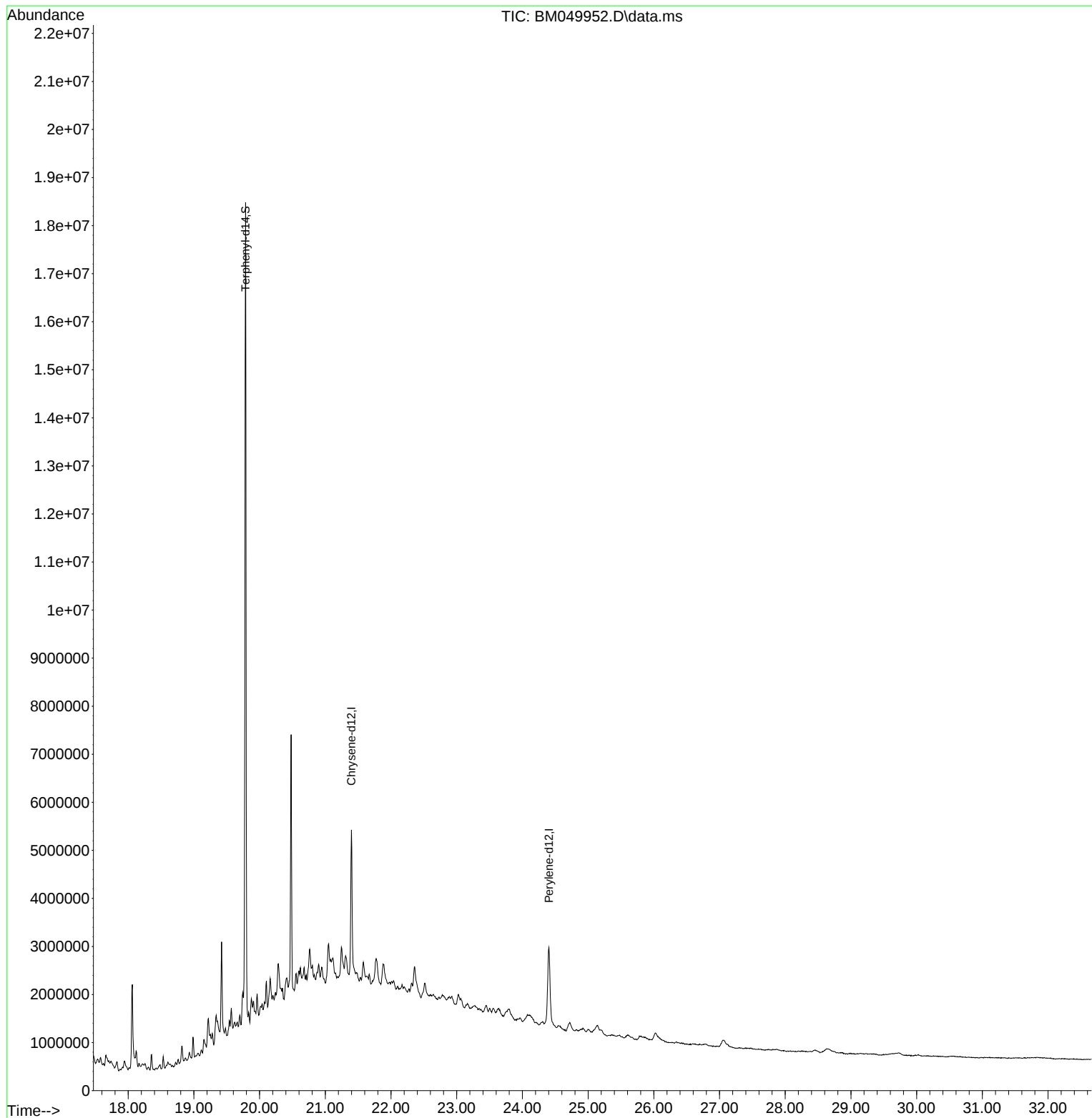
Quant Time: Apr 16 15:24:21 2025
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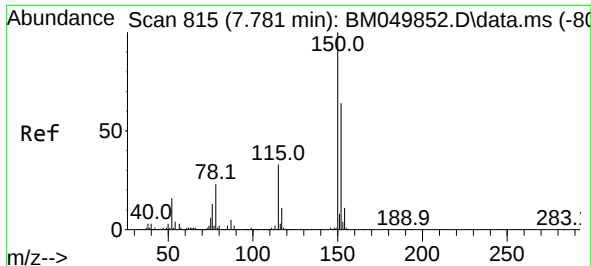


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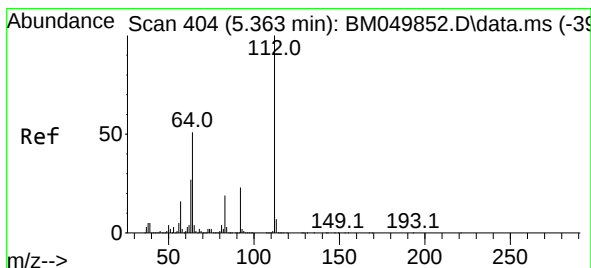
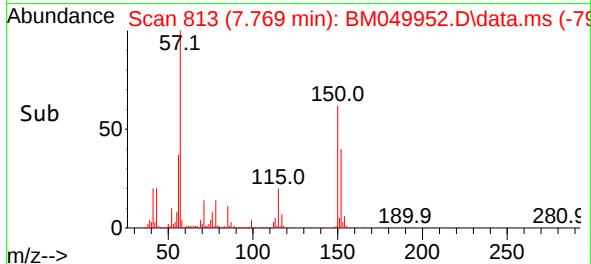
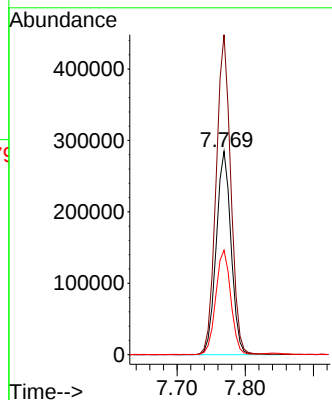
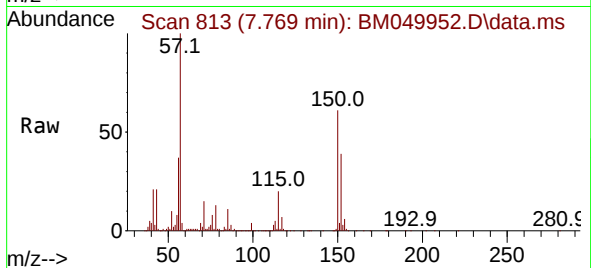




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

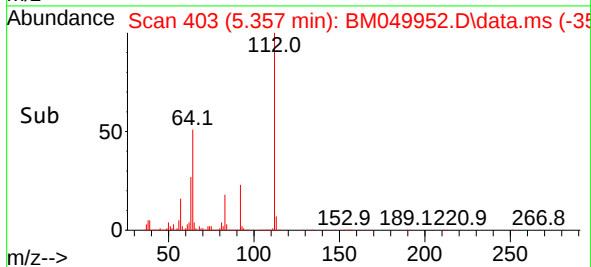
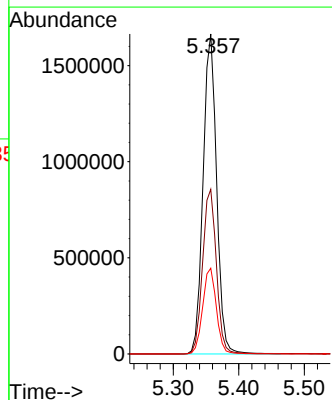
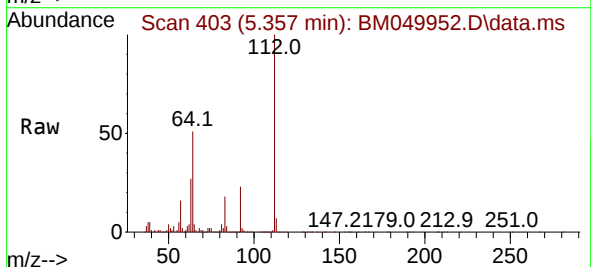
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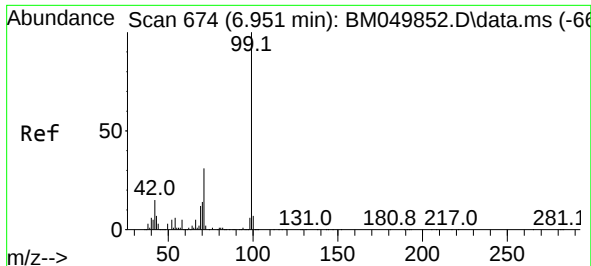
Tgt Ion:152 Resp: 432299
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 51.4 41.1 61.7



#5
2-Fluorophenol
Concen: 94.056 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

Tgt Ion:112 Resp: 2394500
Ion Ratio Lower Upper
112 100
64 51.5 41.0 61.6
63 26.8 21.5 32.3

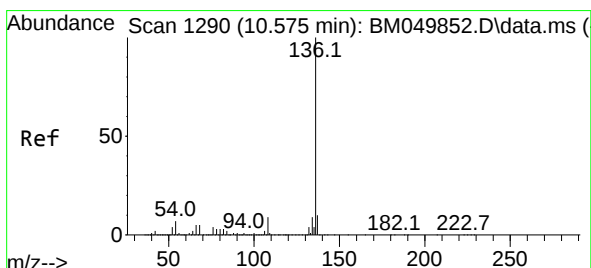
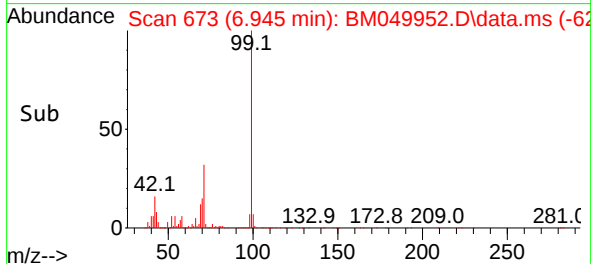
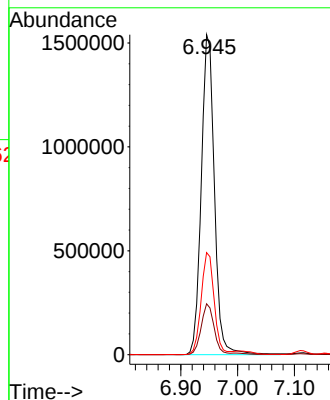
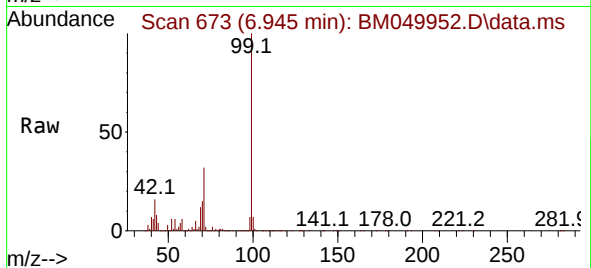




#7
Phenol-d6
Concen: 78.383 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

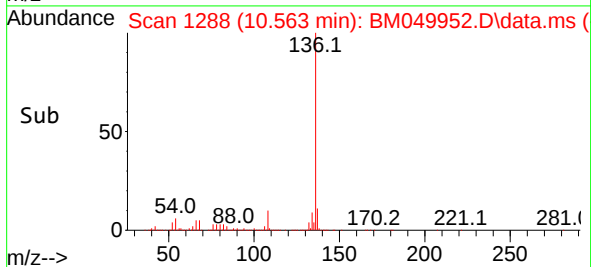
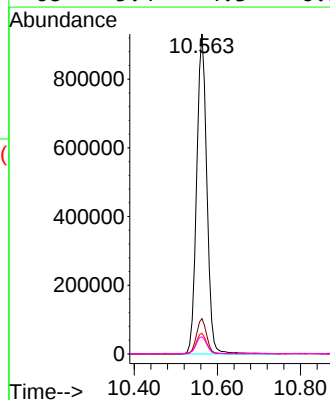
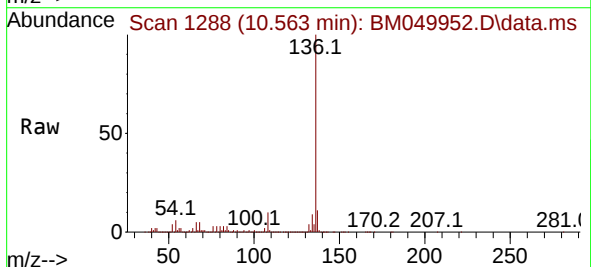
Instrument :
BNA_M
ClientSampleId :
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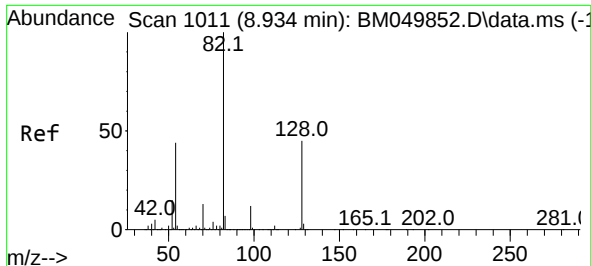
Tgt Ion: 99 Resp: 2482767
Ion Ratio Lower Upper
99 100
42 15.9 12.1 18.1
71 31.9 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

Tgt Ion: 136 Resp: 1585785
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.5 5.3 7.9
68 5.4 4.3 6.5

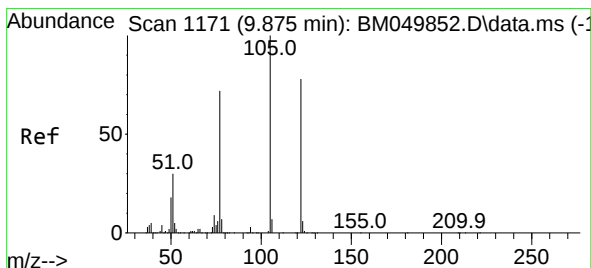
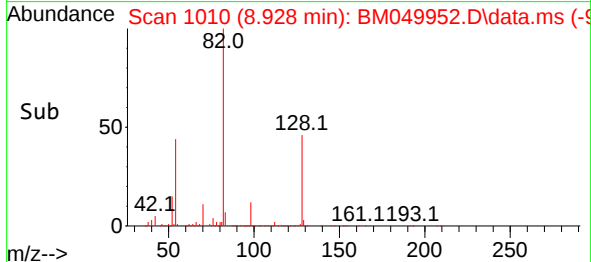
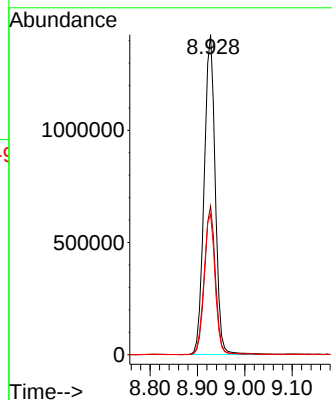
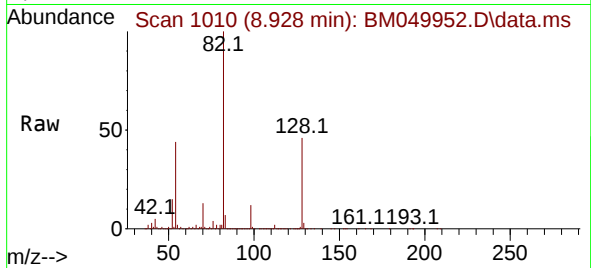




#23
Nitrobenzene-d5
Concen: 81.781 ng
RT: 8.928 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

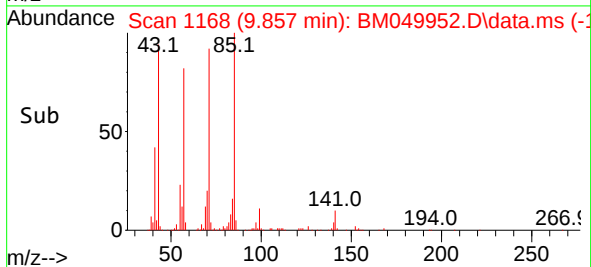
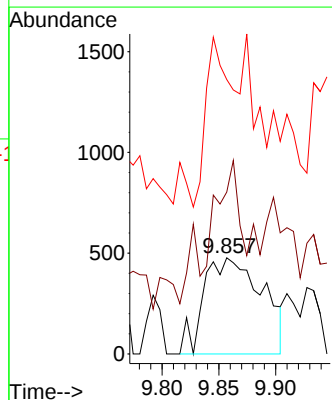
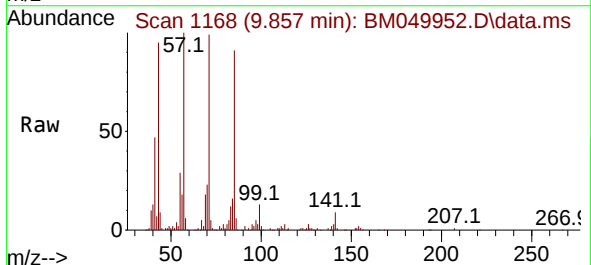
Instrument :
BNA_M
ClientSampleId :
VB16164

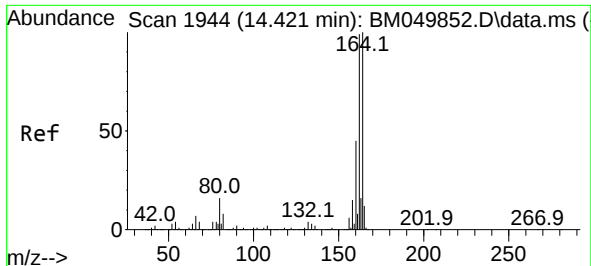
Tgt Ion: 82 Resp: 2328942
Ion Ratio Lower Upper
82 100
128 46.4 36.2 54.2
54 43.9 35.0 52.6



#32
Benzoic acid
Concen: 8.607 ng
RT: 9.857 min Scan# 1168
Delta R.T. -0.018 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

Tgt Ion:122 Resp: 1711
Ion Ratio Lower Upper
122 100
105 168.3 103.8 143.8#
77 285.5 70.7 110.7#

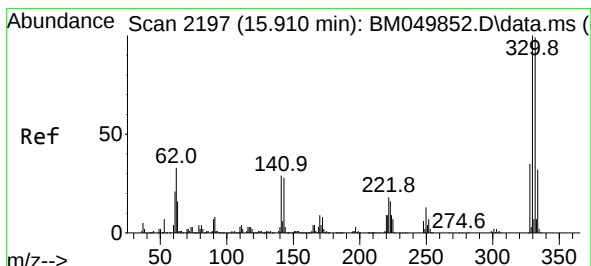
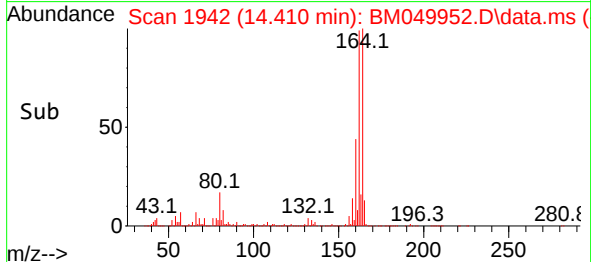
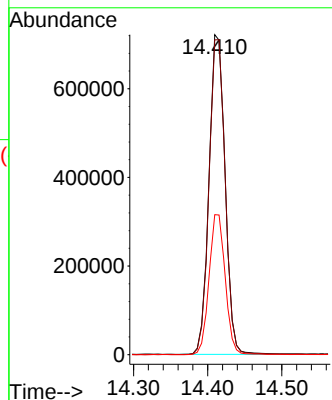
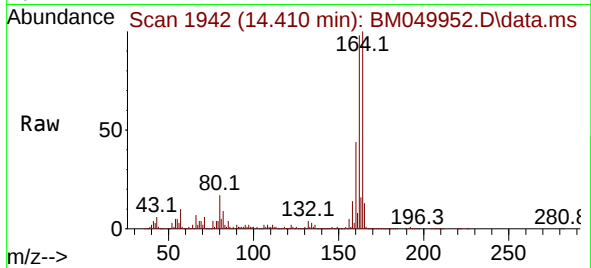




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

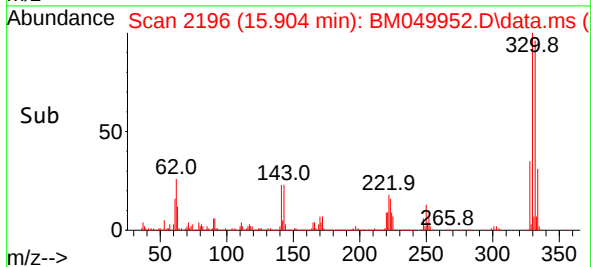
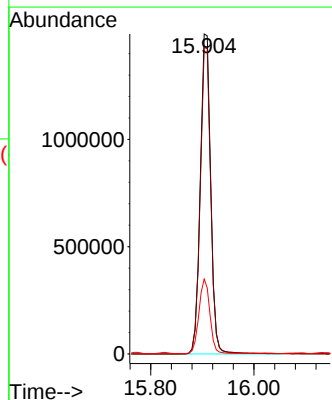
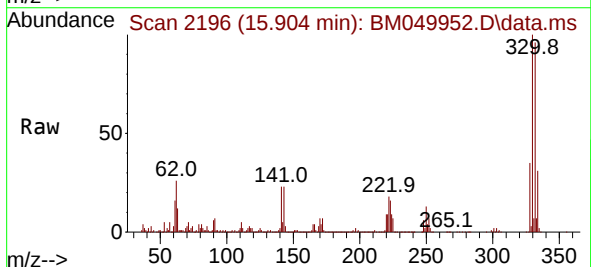
Instrument :
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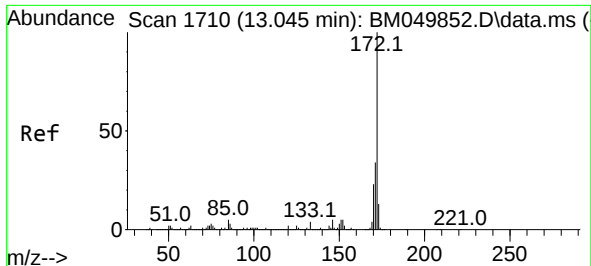
Tgt Ion:164 Resp: 1087785
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.0
160 43.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 132.213 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

Tgt Ion:330 Resp: 2091899
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 24.2 23.5 35.3

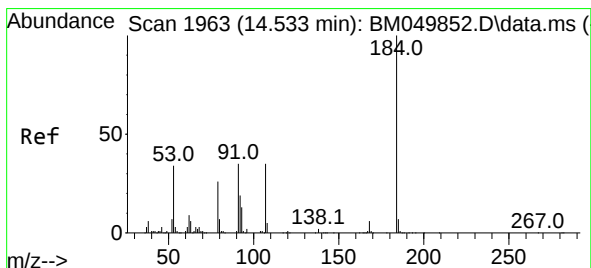
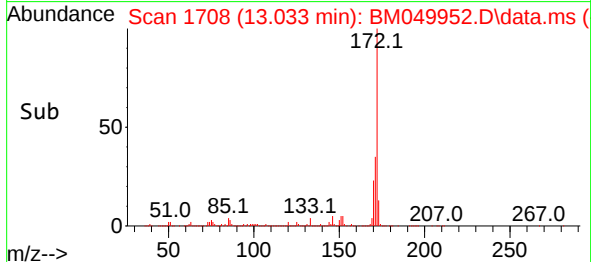
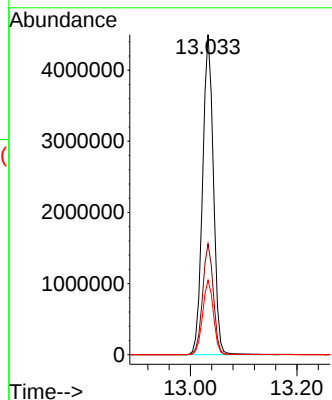
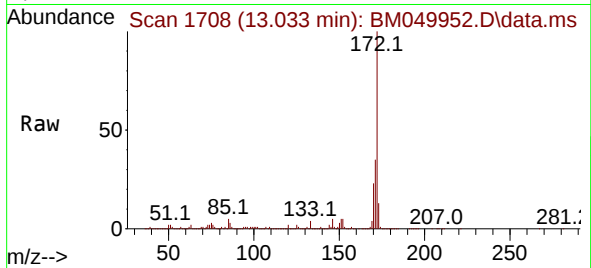




#45
2-Fluorobiphenyl
Concen: 79.058 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

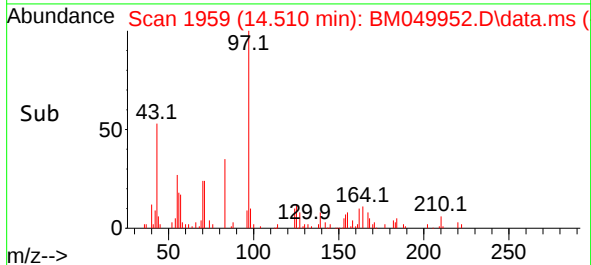
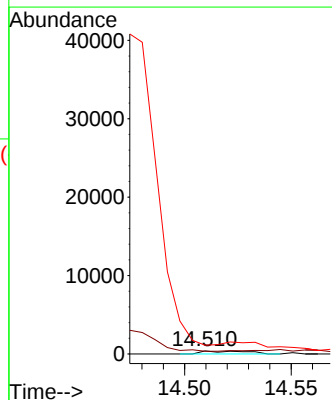
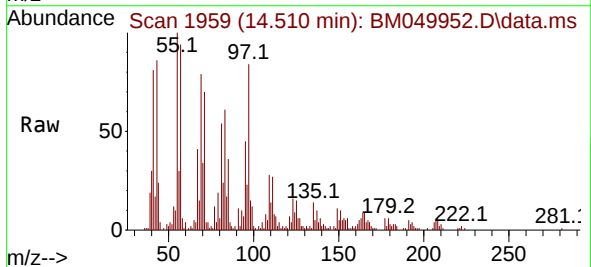
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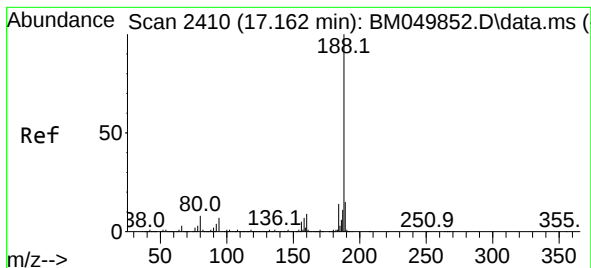
Tgt Ion:172 Resp: 6341999
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.2 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 7.267 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.023 min
Lab File: BM049952.D
Acq: 16 Apr 2025 14:46

Tgt Ion:184 Resp: 536
Ion Ratio Lower Upper
184 100
63 89.9 38.4 57.6#
154 292.8 48.1 72.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.156 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049952.D

Acq: 16 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

VB16164

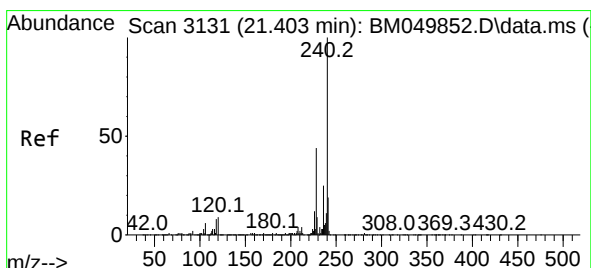
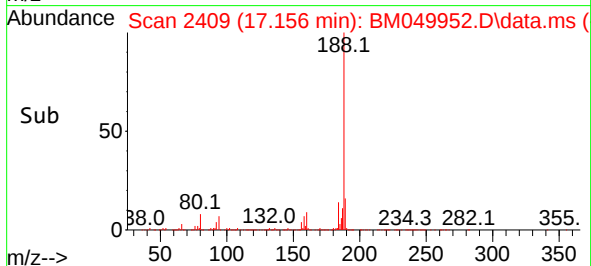
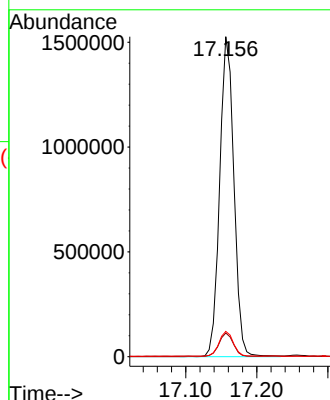
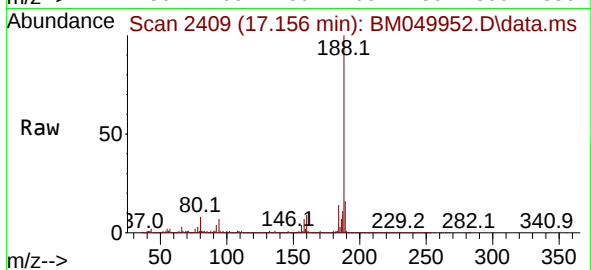
Tgt Ion:188 Resp: 2107676

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 7.9 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: BM049952.D

Acq: 16 Apr 2025 14:46

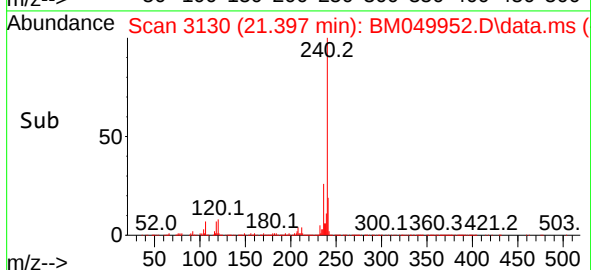
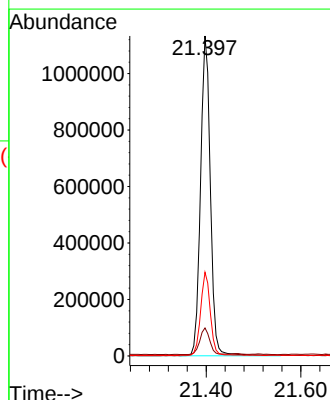
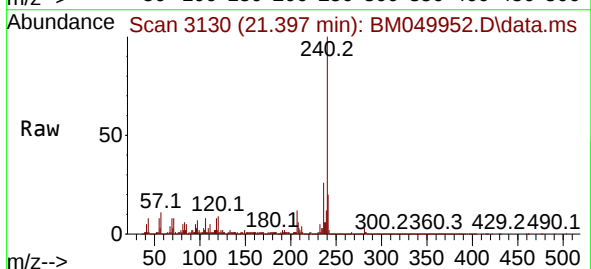
Tgt Ion:240 Resp: 1625693

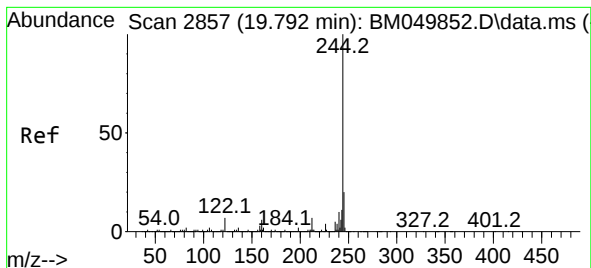
Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

236 26.2 20.4 30.6





#79

Terphenyl-d14

Concen: 94.980 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049952.D

Acq: 16 Apr 2025 14:46

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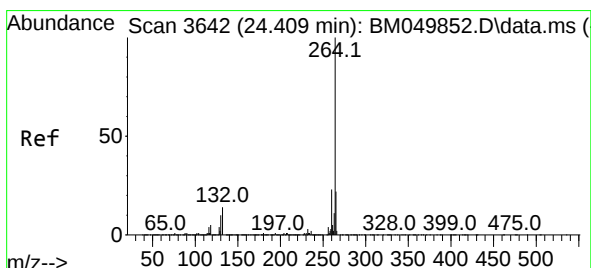
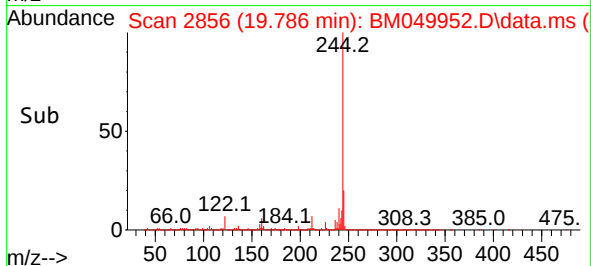
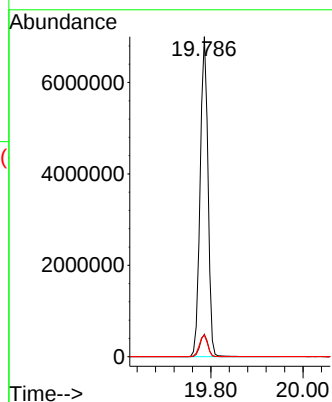
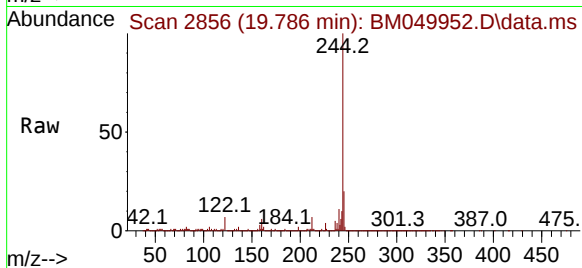
Tgt Ion:244 Resp: 8239248

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 6.7 5.4 8.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.403 min Scan# 3641

Delta R.T. -0.006 min

Lab File: BM049952.D

Acq: 16 Apr 2025 14:46

Tgt Ion:264 Resp: 1561584

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.4 17.8 26.8

