

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049903.D
 Acq On : 11 Apr 2025 16:15
 Operator : RC/JU
 Sample : Q1760-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-17

Quant Time: Apr 11 16:55:21 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)

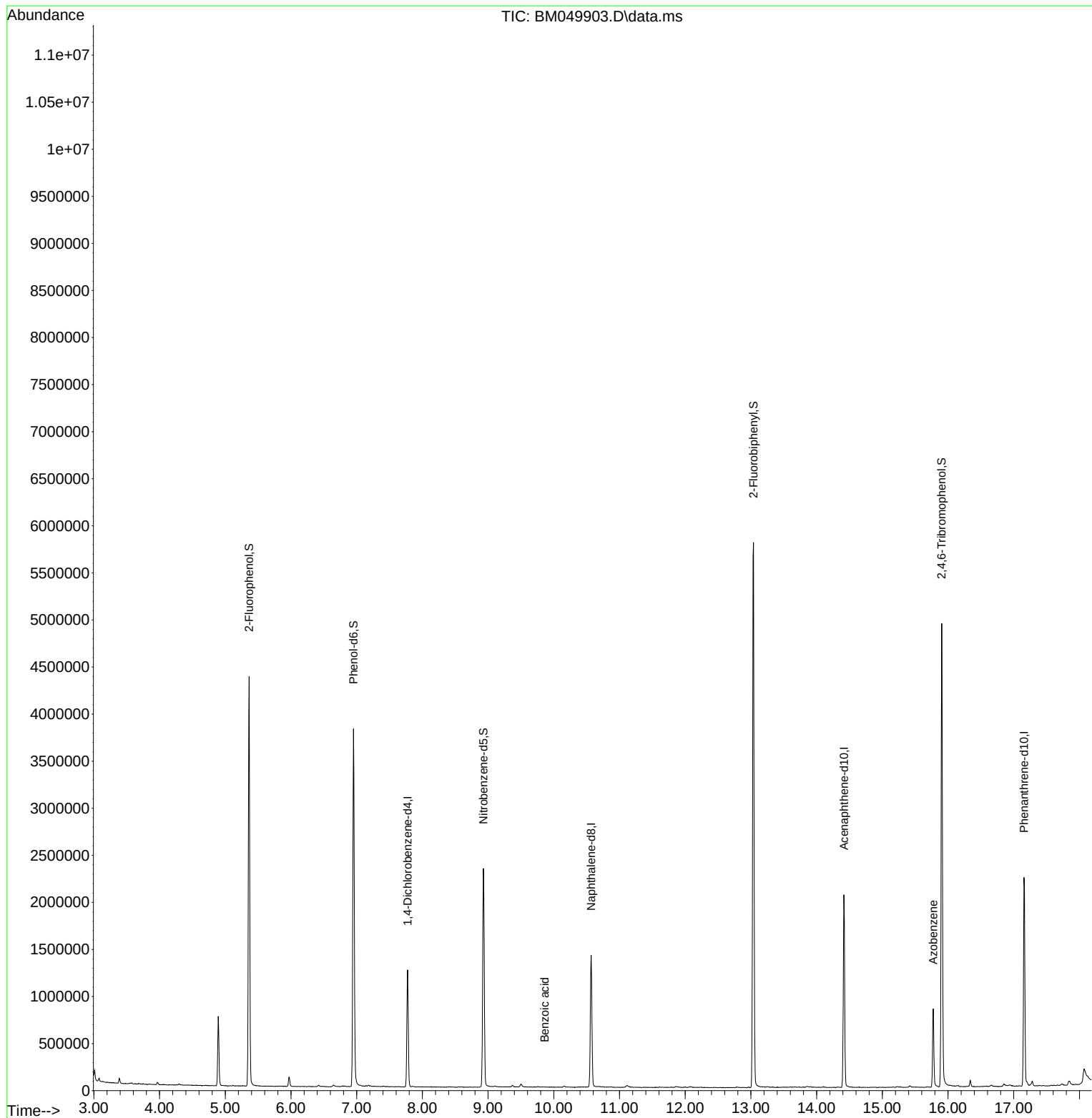
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	353487	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1195042	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	740604	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1382145	20.000	ng	0.00
76) Chrysene-d12	21.391	240	1242962	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1325491	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1929688	92.698	ng	0.00
7) Phenol-d6	6.951	99	2301630	88.866	ng	0.00
23) Nitrobenzene-d5	8.928	82	1371219	63.895	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	991328	92.025	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	3207449	58.727	ng	0.00
79) Terphenyl-d14	19.786	244	4262664	64.269	ng	0.00
Target Compounds						
32) Benzoic acid	9.863	122	63	8.542	ng	# 1
63) Azobenzene	15.774	77	224040	5.223	ng	# 1

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

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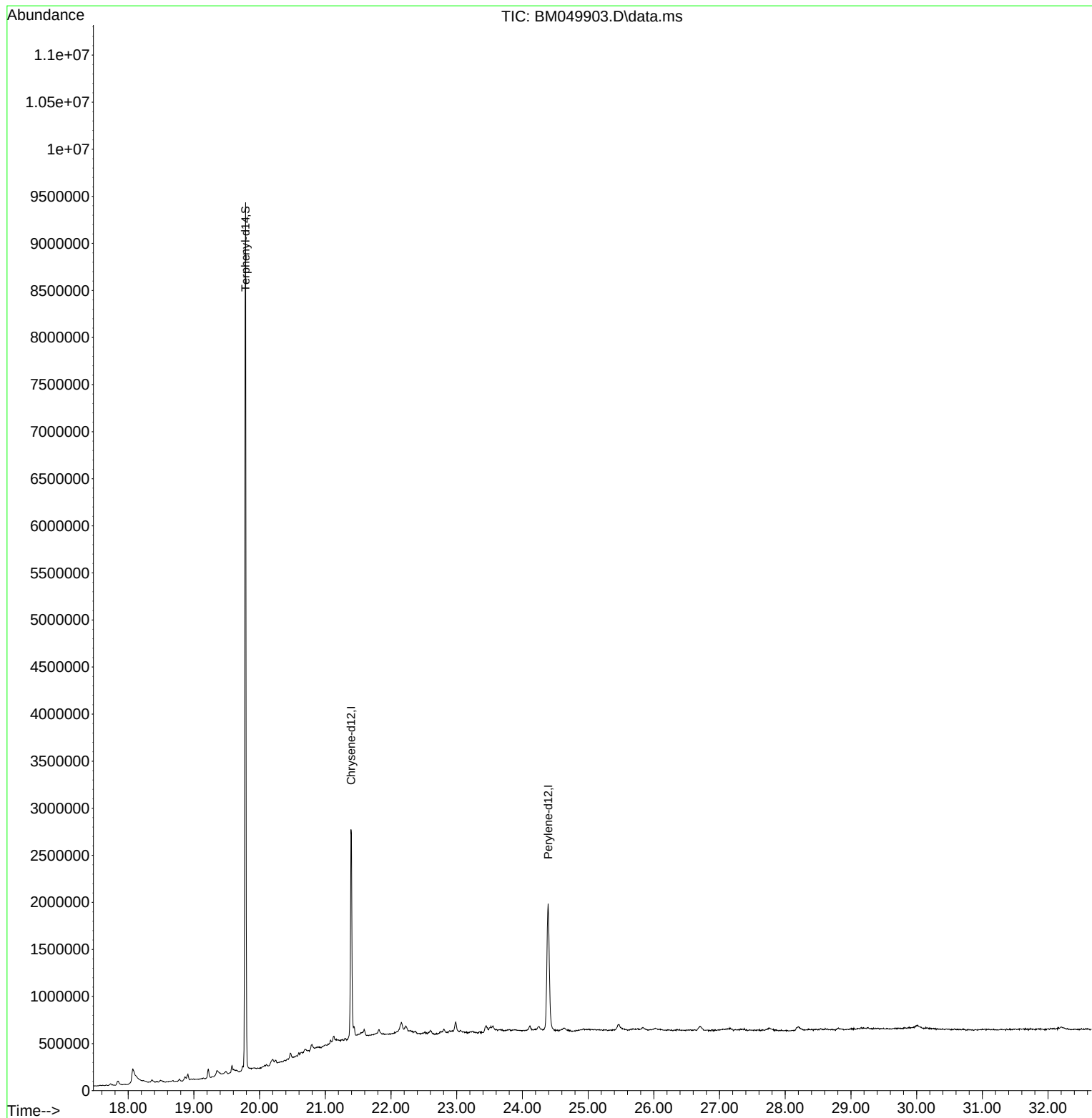
Quant Time: Apr 11 16:55:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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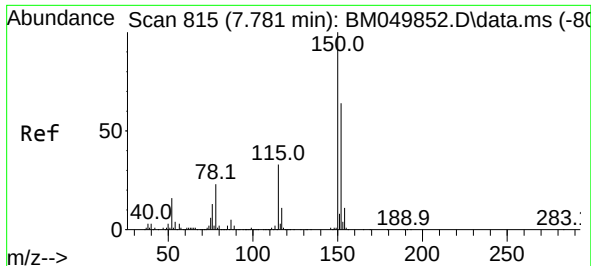


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Data File : BM049903.D
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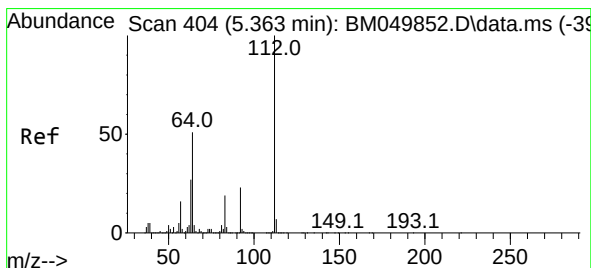
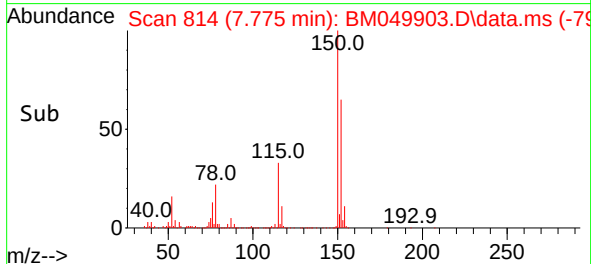
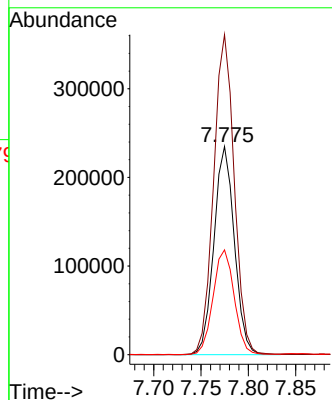
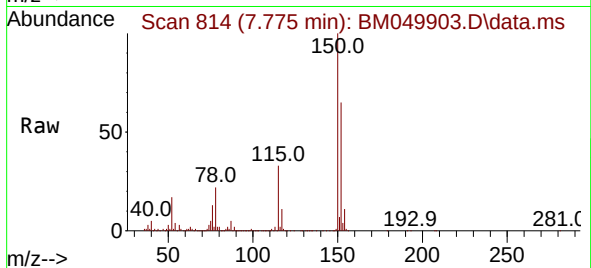




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

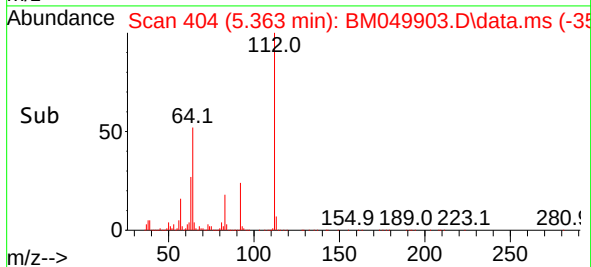
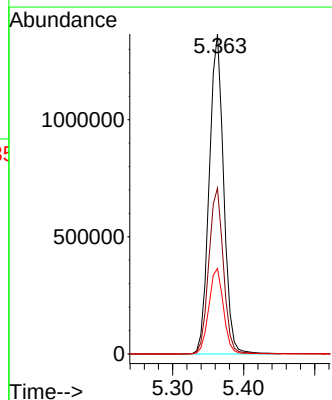
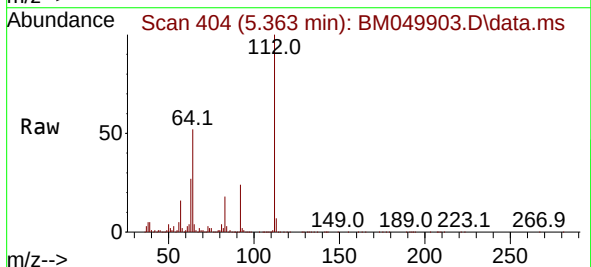
Instrument :
BNA_M
ClientSampleId :
TP-17

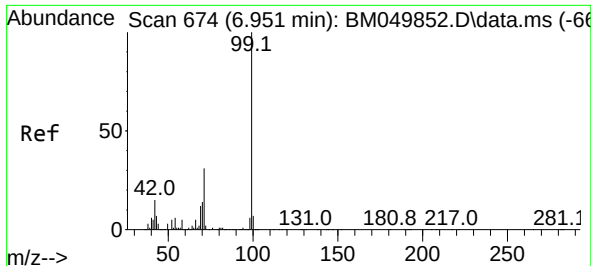
Tgt Ion:152 Resp: 353487
Ion Ratio Lower Upper
152 100
150 153.7 124.3 186.5
115 50.4 41.1 61.7



#5
2-Fluorophenol
Concen: 92.698 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:112 Resp: 1929688
Ion Ratio Lower Upper
112 100
64 51.9 41.0 61.6
63 26.7 21.5 32.3

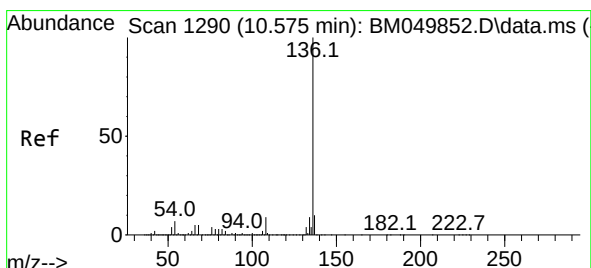
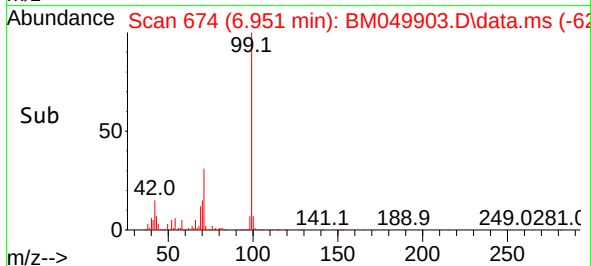
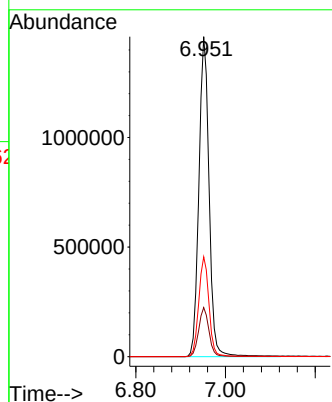
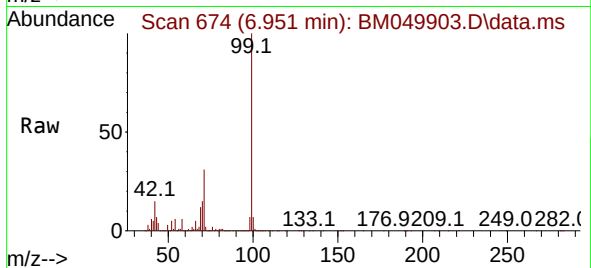




#7
Phenol-d6
Concen: 88.866 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

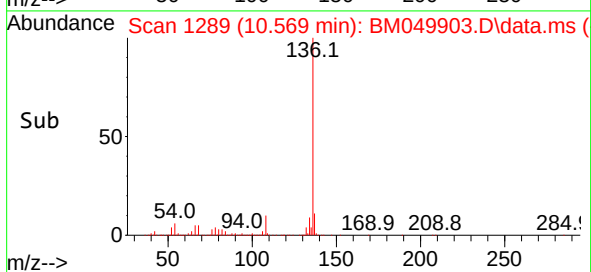
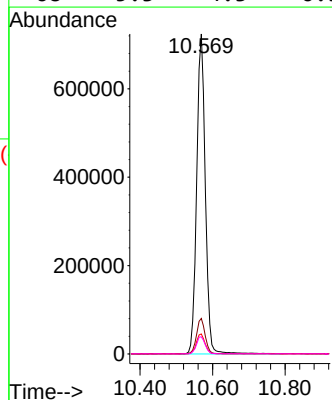
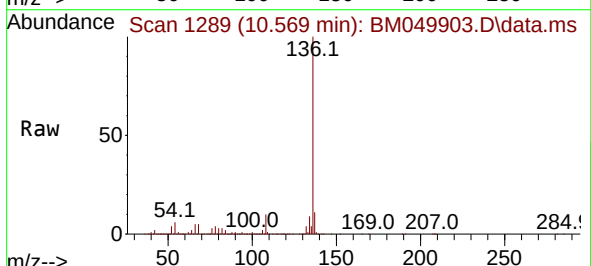
Instrument :
BNA_M
ClientSampleId :
TP-17

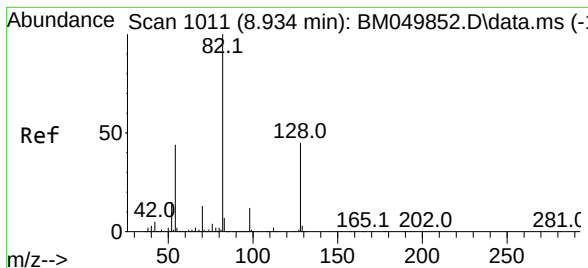
Tgt Ion: 99 Resp: 2301630
Ion Ratio Lower Upper
99 100
42 15.4 12.1 18.1
71 31.2 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion: 136 Resp: 1195042
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.2 5.3 7.9
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 63.895 ng

RT: 8.928 min Scan# 110

Delta R.T. -0.006 min

Lab File: BM049903.D

Acq: 11 Apr 2025 16:15

Instrument :

BNA_M

ClientSampleId :

TP-17

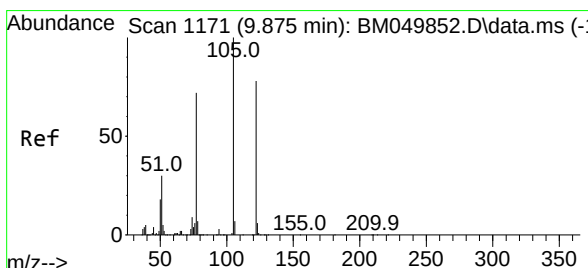
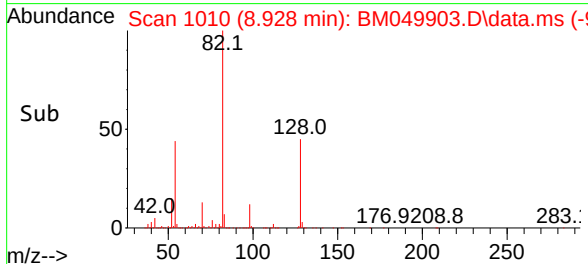
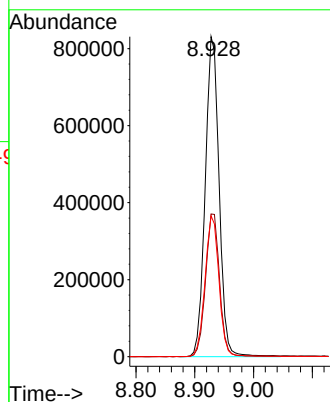
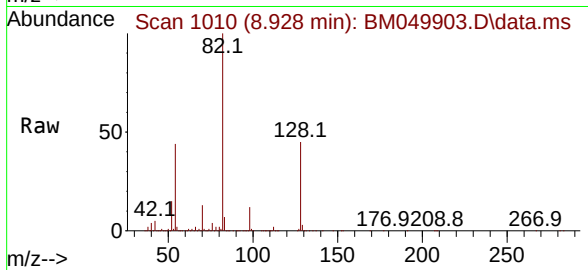
Tgt Ion: 82 Resp: 1371219

Ion Ratio Lower Upper

82 100

128 44.6 36.2 54.2

54 44.0 35.0 52.6



#32

Benzoic acid

Concen: 8.542 ng

RT: 9.863 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BM049903.D

Acq: 11 Apr 2025 16:15

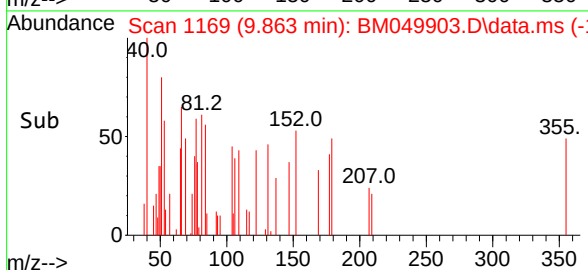
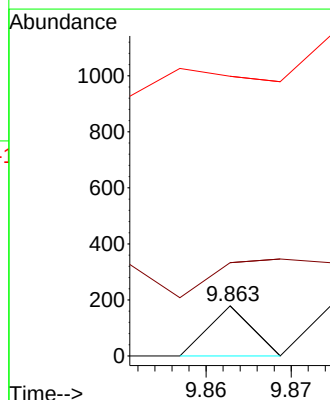
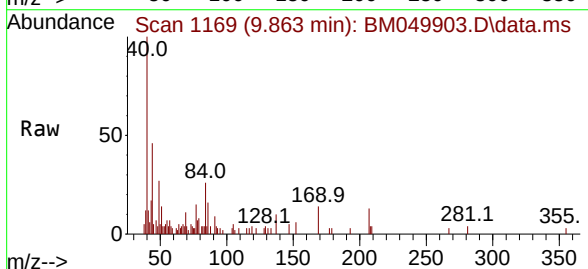
Tgt Ion:122 Resp: 63

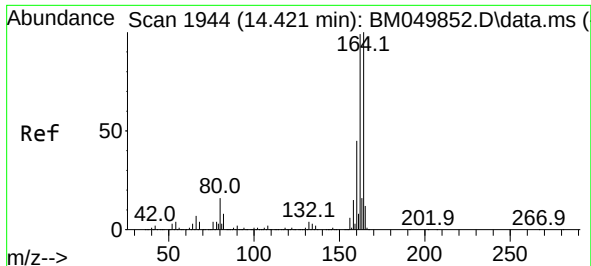
Ion Ratio Lower Upper

122 100

105 186.0 103.8 143.8#

77 557.5 70.7 110.7#

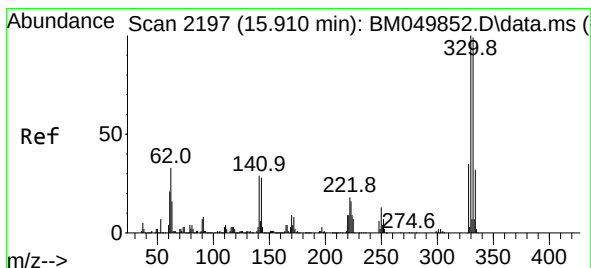
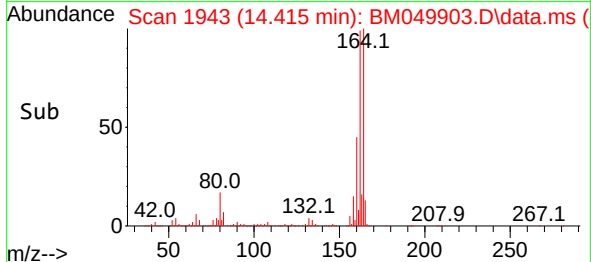
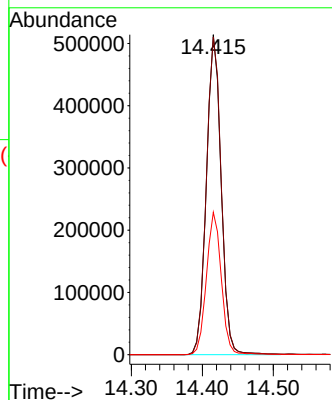
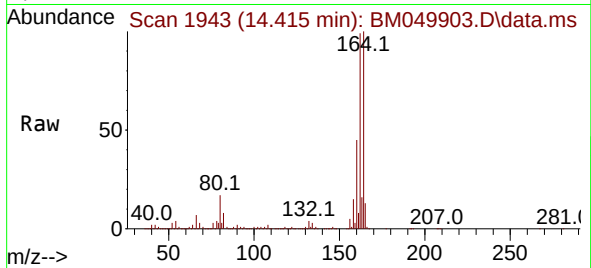




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

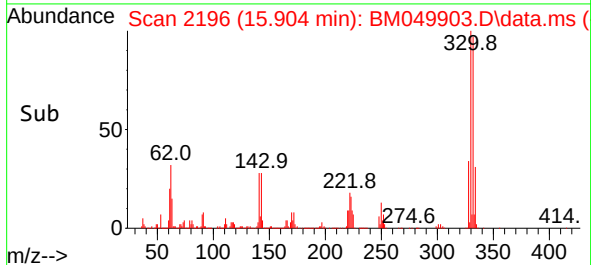
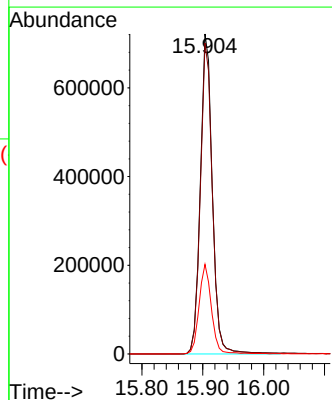
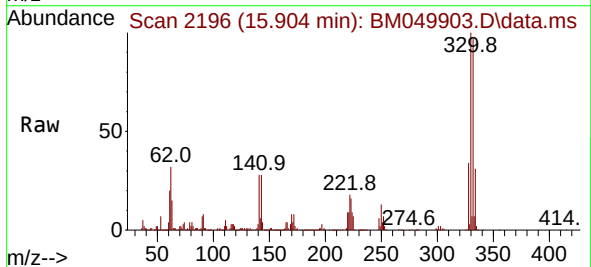
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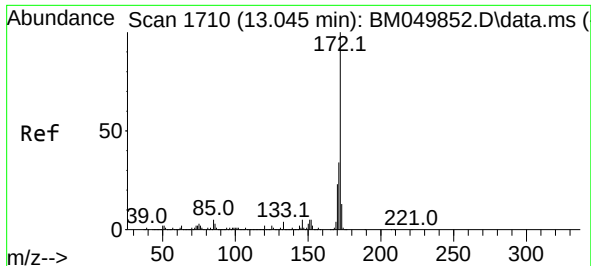
Tgt Ion:164 Resp: 740604
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 44.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 92.025 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:330 Resp: 991328
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 28.9 23.5 35.3

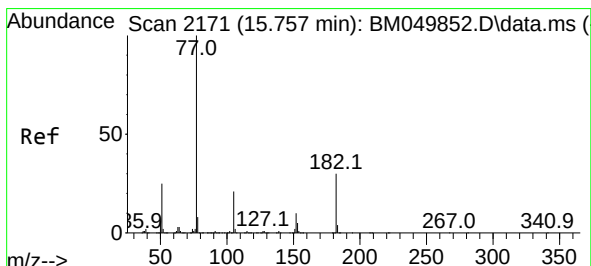
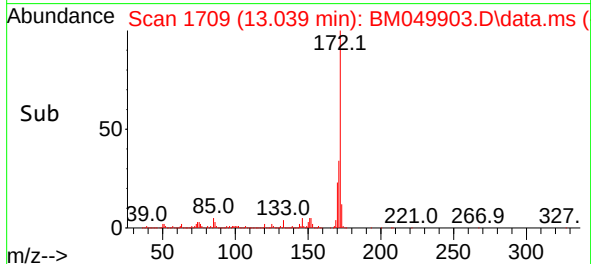
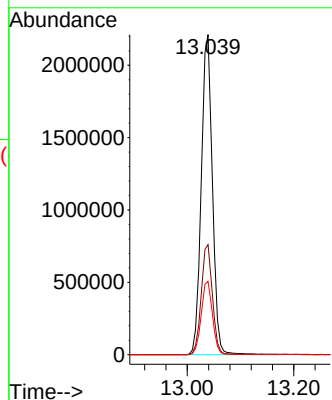
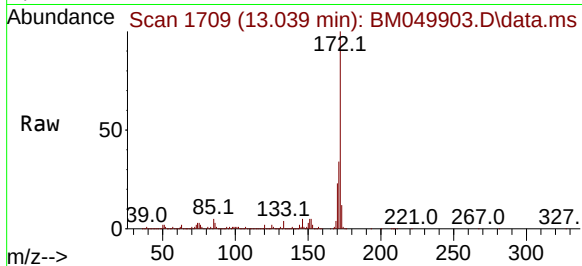




#45
2-Fluorobiphenyl
Concen: 58.727 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

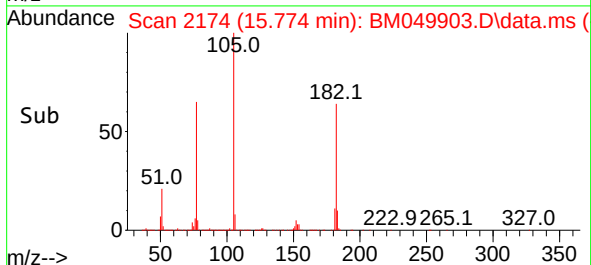
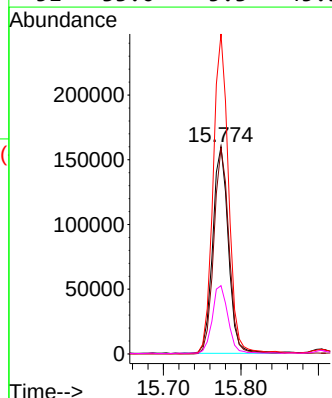
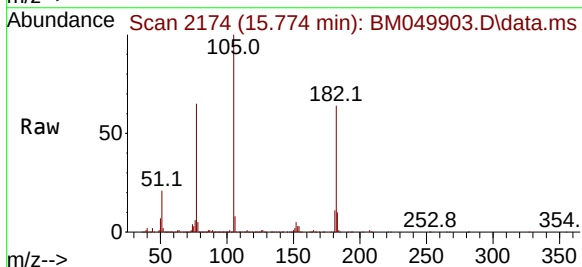
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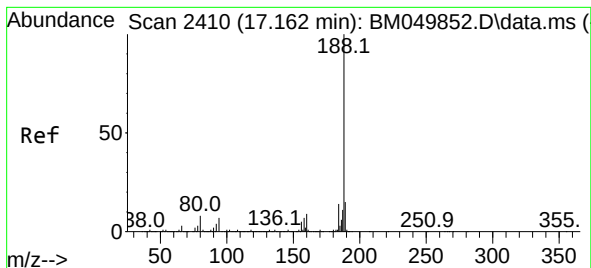
Tgt Ion:172 Resp: 3207449
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.2
170 22.9 18.6 28.0



#63
Azobenzene
Concen: 5.223 ng
RT: 15.774 min Scan# 2174
Delta R.T. 0.018 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion: 77 Resp: 224040
Ion Ratio Lower Upper
77 100
182 99.5 10.4 50.4#
105 154.4 1.5 41.5#
51 33.0 5.3 45.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.156 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049903.D

Acq: 11 Apr 2025 16:15

Instrument :

BNA_M

ClientSampleId :

TP-17

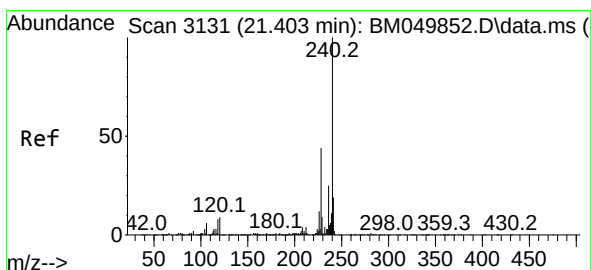
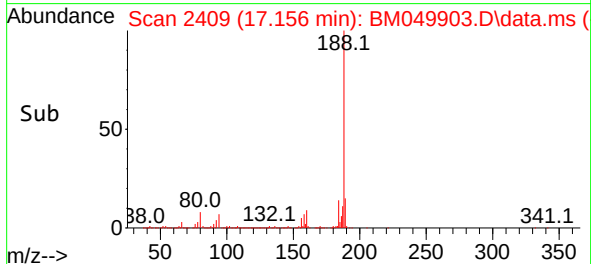
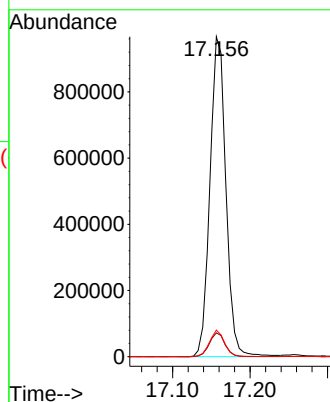
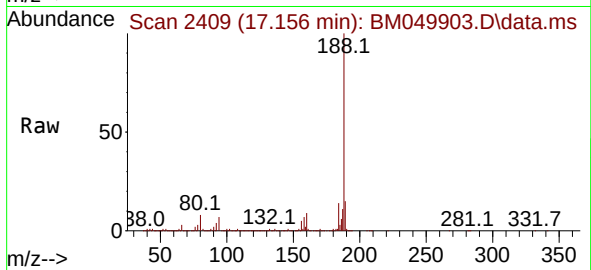
Tgt Ion:188 Resp: 1382145

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 8.3 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.391 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BM049903.D

Acq: 11 Apr 2025 16:15

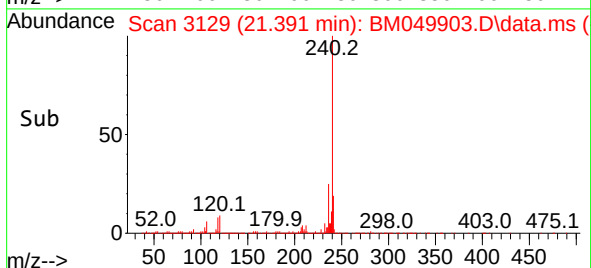
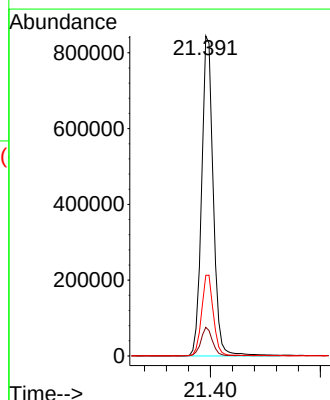
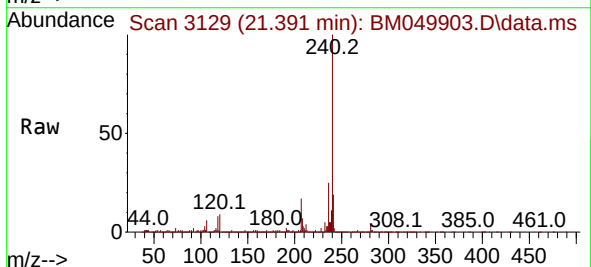
Tgt Ion:240 Resp: 1242962

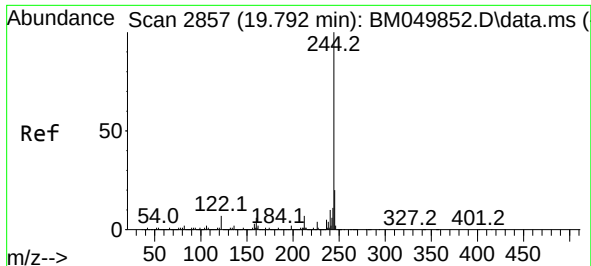
Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

236 25.2 20.4 30.6

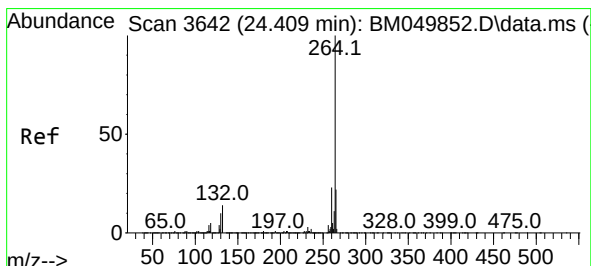
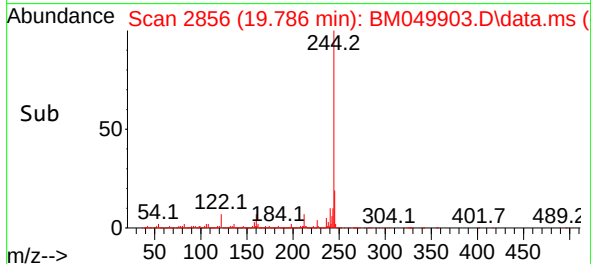
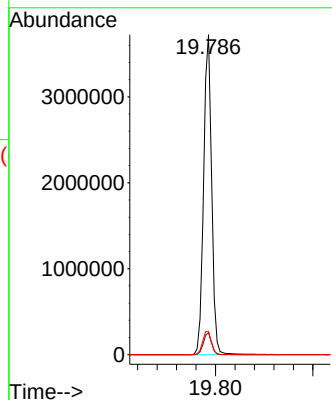
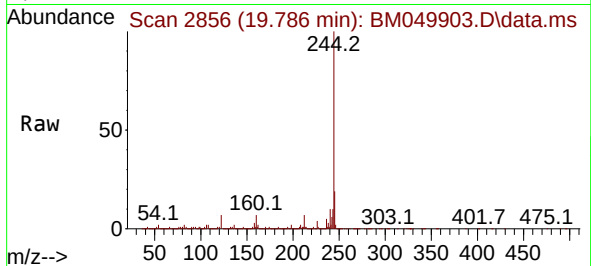




#79
Terphenyl-d14
Concen: 64.269 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:244 Resp: 4262664
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 7.2 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: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:264 Resp: 1325491
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.5 17.8 26.8

