

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
 Data File : BM050017.D
 Acq On : 23 Apr 2025 17:14
 Operator : RC/JU
 Sample : Q1858-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Quant Time: Apr 23 17:58:35 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)

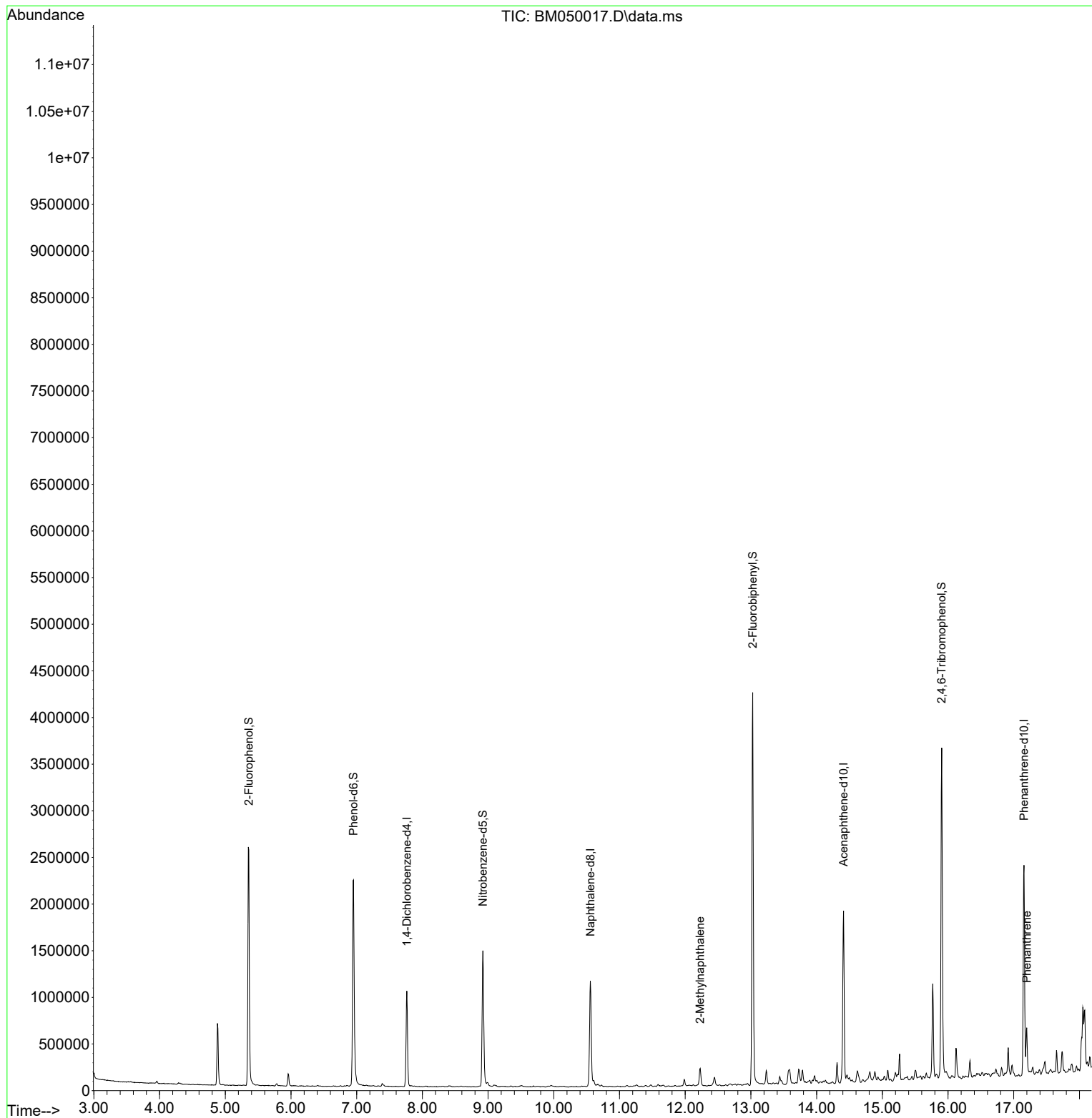
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	296499	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1032150	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	691467	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1437933	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1425719	20.000	ng	0.00
86) Perylene-d12	24.397	264	1479401	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1231995	70.557	ng	0.00
7) Phenol-d6	6.951	99	1535453	70.678	ng	0.00
23) Nitrobenzene-d5	8.922	82	922668	49.779	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	769443	76.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2409716	47.256	ng	-0.02
79) Terphenyl-d14	19.780	244	4113680	54.073	ng	-0.01
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.227	142	106654	2.854	ng	99
71) Phenanthrene	17.198	178	319402	4.052	ng	100
78) Pyrene	19.580	202	248972	2.534	ng	98

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

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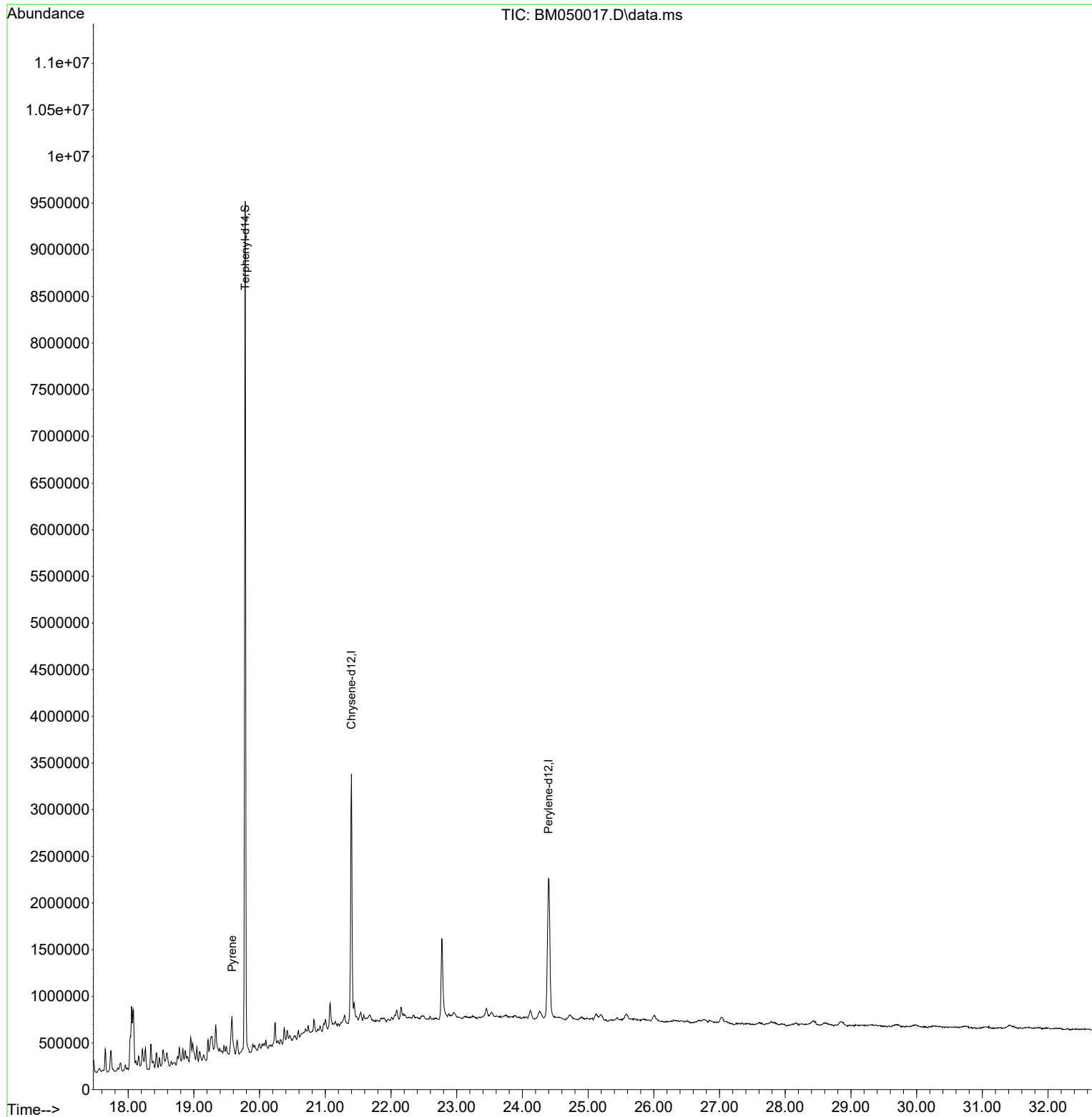
Quant Time: Apr 23 17:58:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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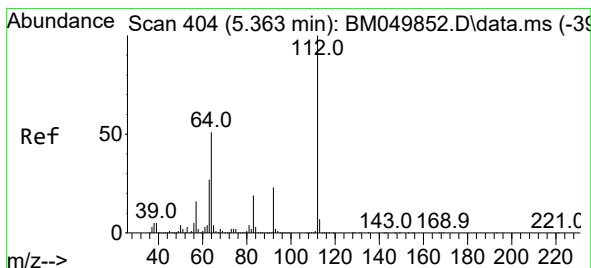
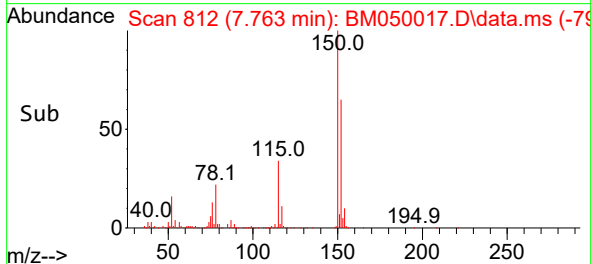
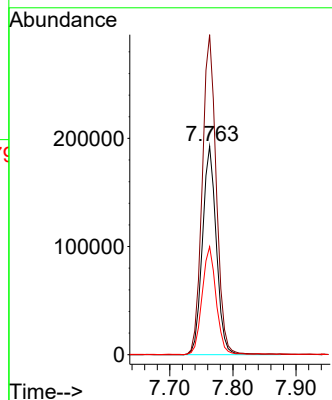
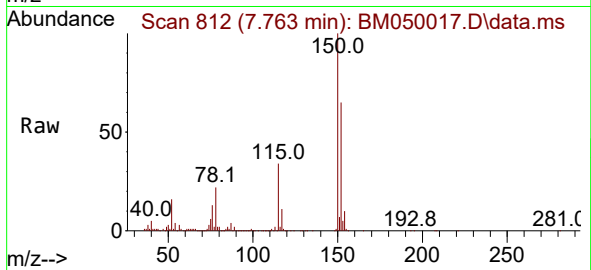




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

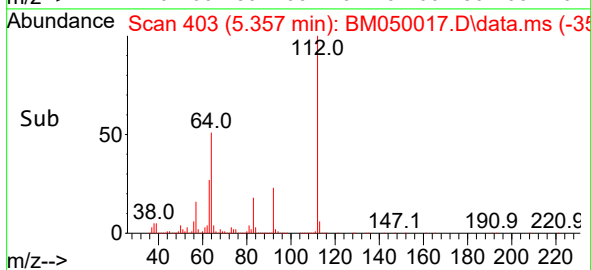
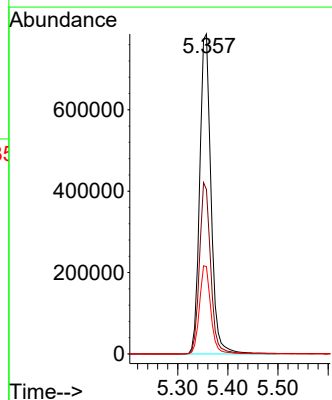
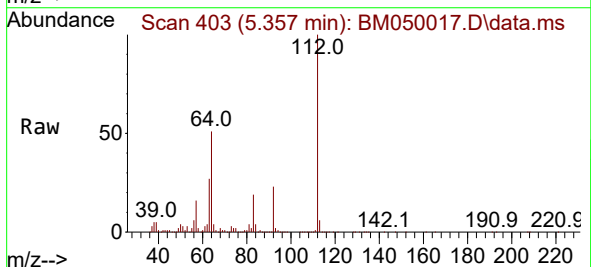
Instrument :
BNA_M
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COMP-3

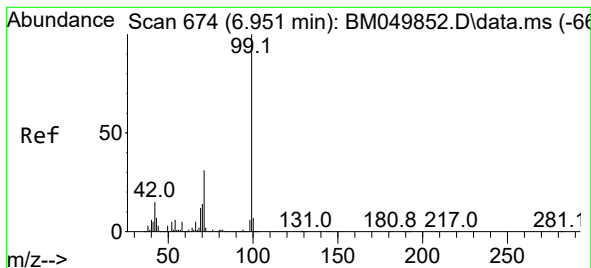
Tgt Ion:152 Resp: 296499
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 51.8 41.1 61.7



#5
2-Fluorophenol
Concen: 70.557 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

Tgt Ion:112 Resp: 1231995
Ion Ratio Lower Upper
112 100
64 51.4 41.0 61.6
63 27.3 21.5 32.3





#7

Phenol-d6

Concen: 70.678 ng

RT: 6.951 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM050017.D

Acq: 23 Apr 2025 17:14

Instrument :

BNA_M

ClientSampleId :

COMP-3

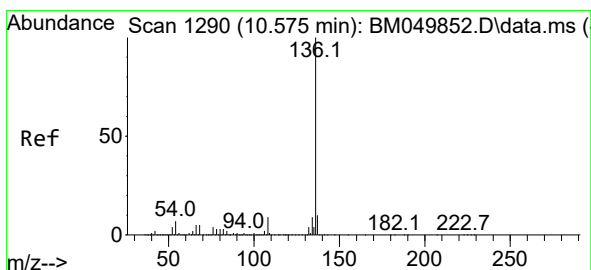
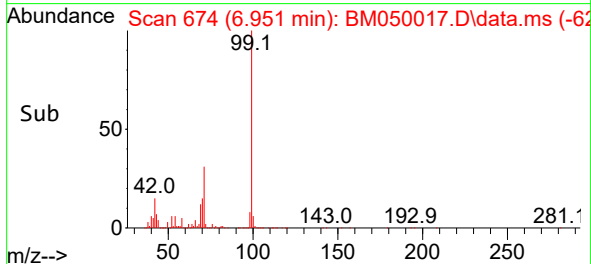
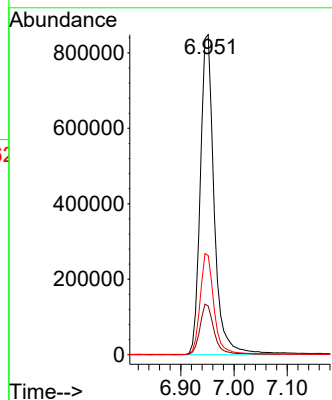
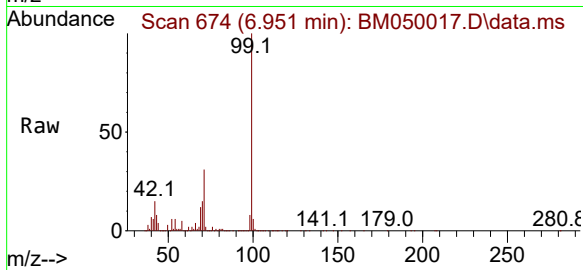
Tgt Ion: 99 Resp: 1535453

Ion Ratio Lower Upper

99 100

42 15.2 12.1 18.1

71 31.0 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 1287

Delta R.T. -0.018 min

Lab File: BM050017.D

Acq: 23 Apr 2025 17:14

Tgt Ion:136 Resp: 1032150

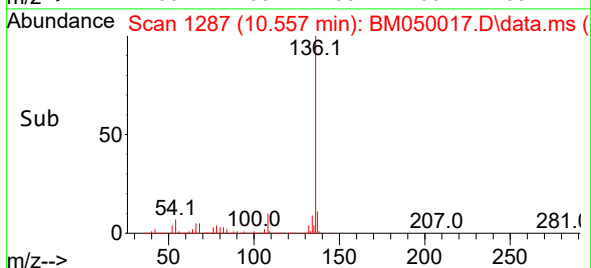
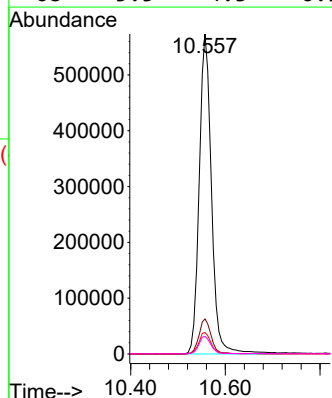
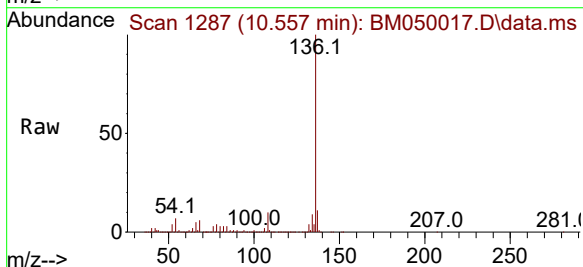
Ion Ratio Lower Upper

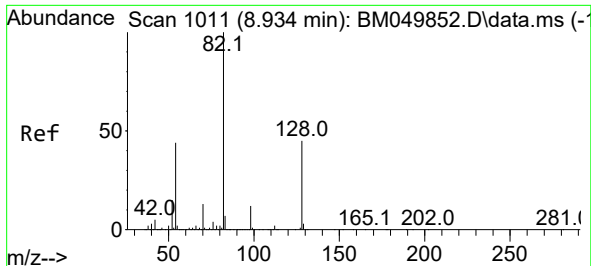
136 100

137 11.0 8.4 12.6

54 6.7 5.3 7.9

68 5.5 4.3 6.5

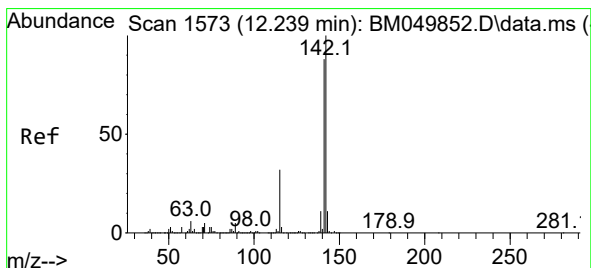
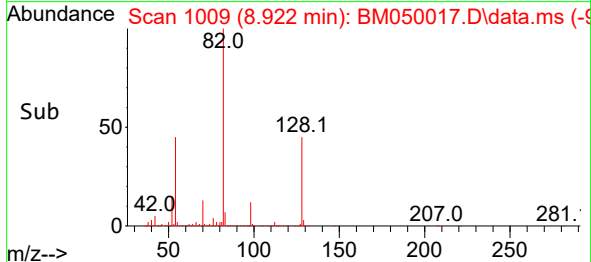
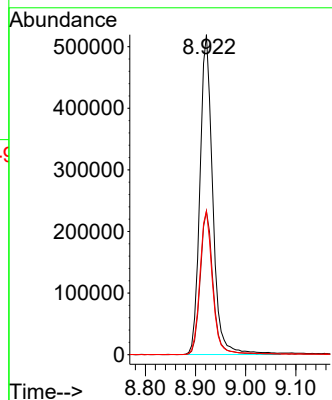
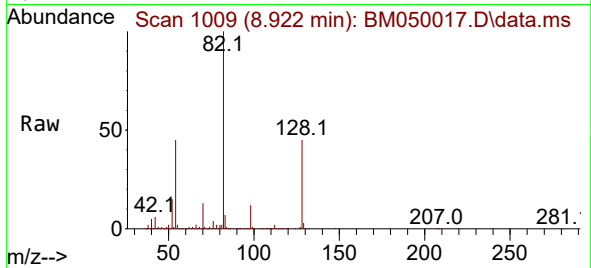




#23
Nitrobenzene-d5
Concen: 49.779 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

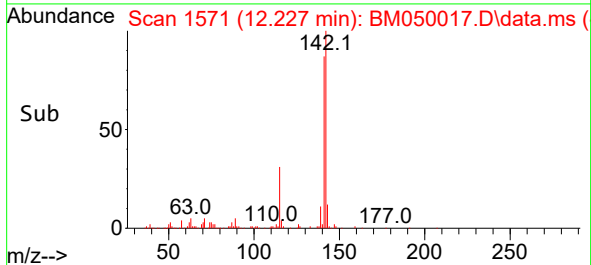
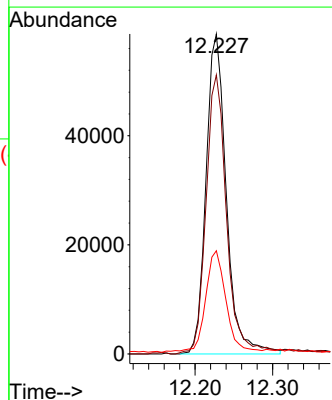
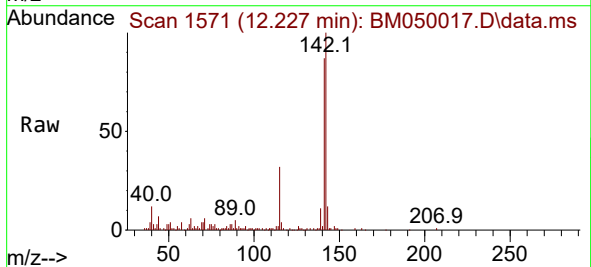
Instrument :
BNA_M
ClientSampleId :
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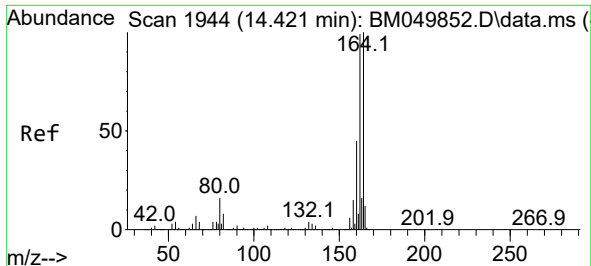
Tgt Ion: 82 Resp: 922668
Ion Ratio Lower Upper
82 100
128 44.8 36.2 54.2
54 44.9 35.0 52.6



#37
2-Methylnaphthalene
Concen: 2.854 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

Tgt Ion: 142 Resp: 106654
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
115 32.3 25.4 38.2

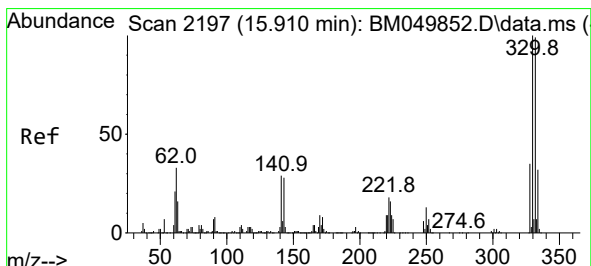
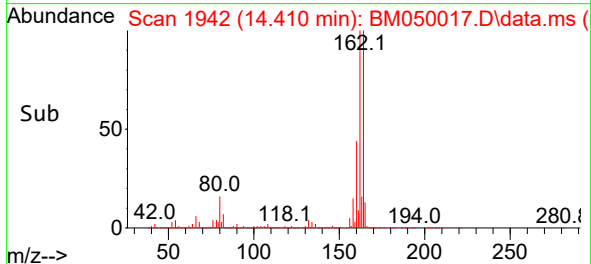
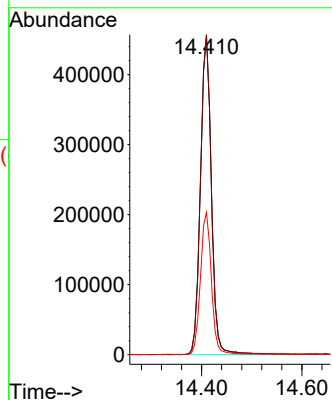
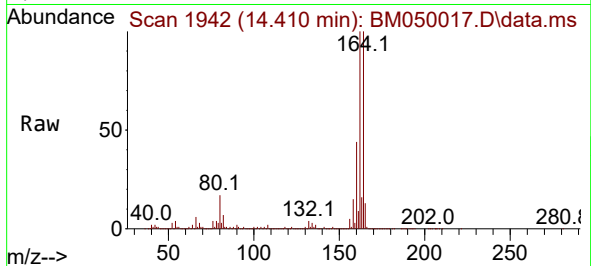




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

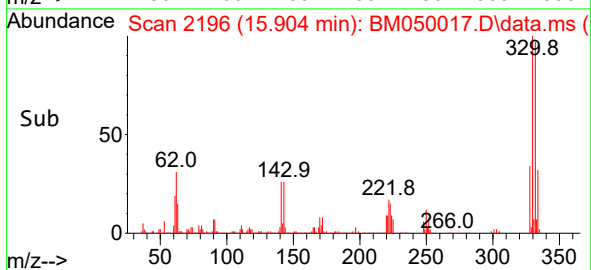
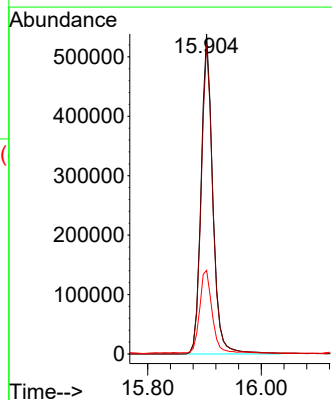
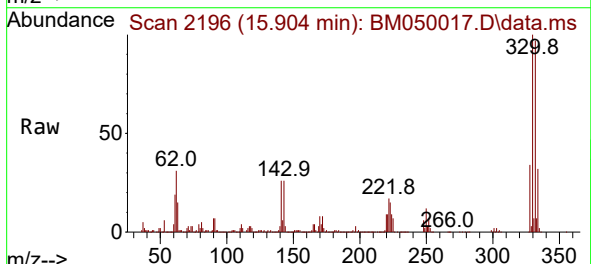
Instrument :
BNA_M
ClientSampleId :
COMP-3

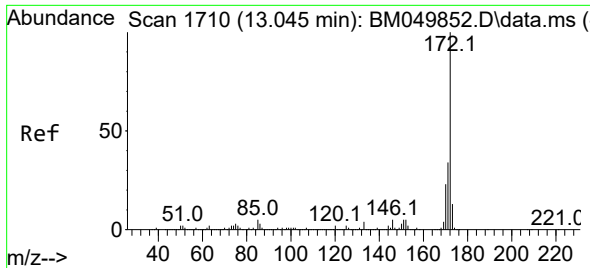
Tgt Ion:164 Resp: 691467
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 76.503 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

Tgt Ion:330 Resp: 769443
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 27.6 23.5 35.3

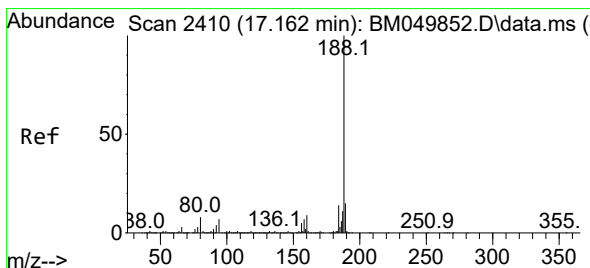
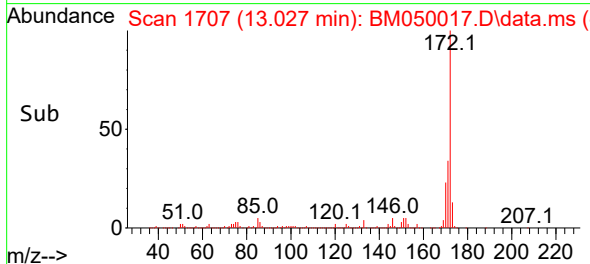
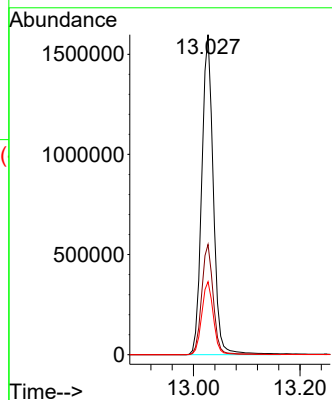
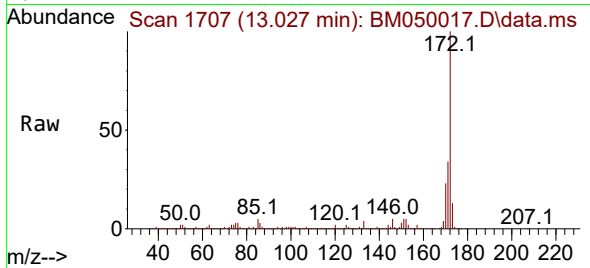




#45
2-Fluorobiphenyl
Concen: 47.256 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

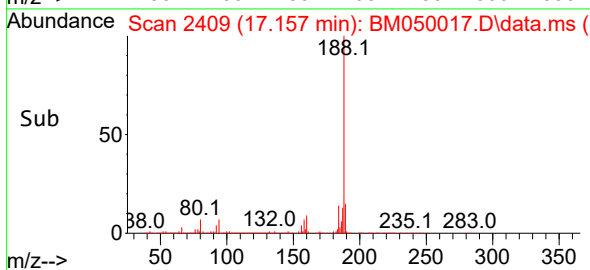
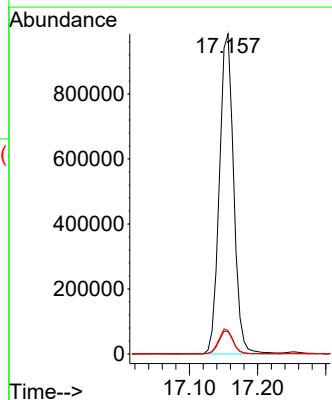
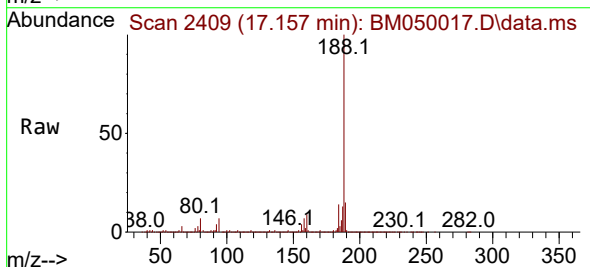
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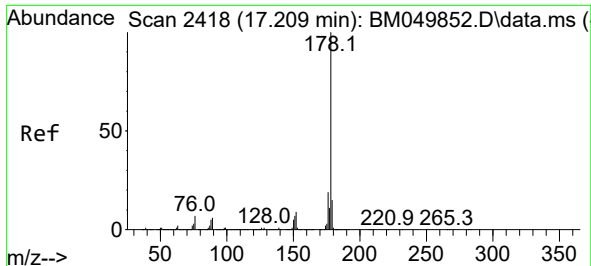
Tgt Ion:172 Resp: 2409716
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.2
170 22.8 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

Tgt Ion:188 Resp: 1437933
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.3 6.4 9.6

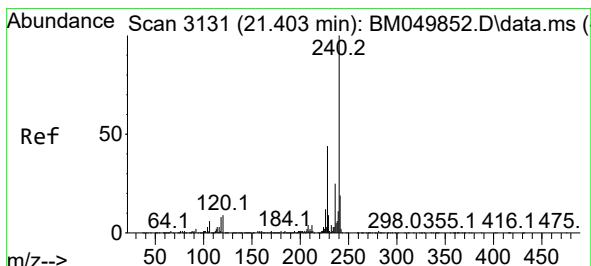
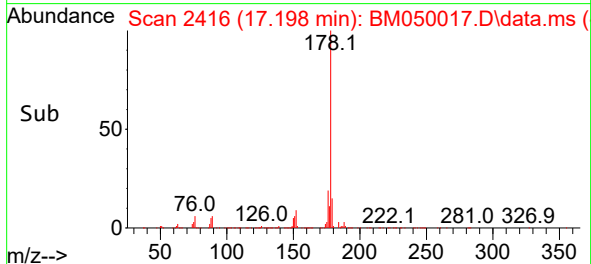
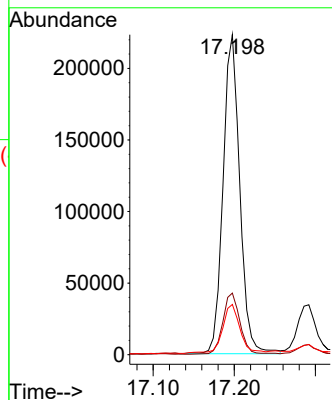
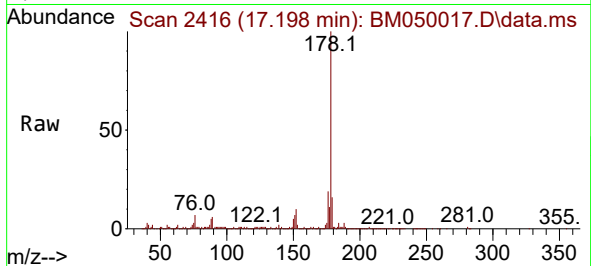




#71
Phenanthrene
Concen: 4.052 ng
RT: 17.198 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

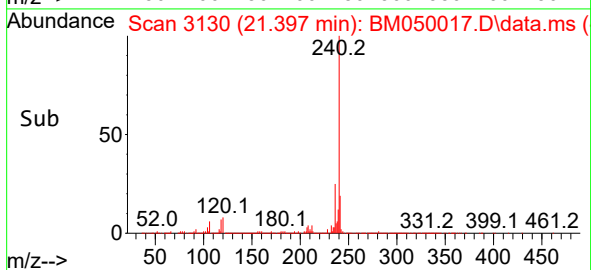
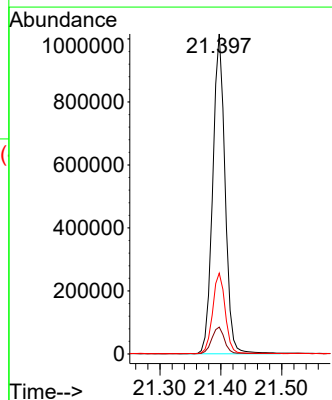
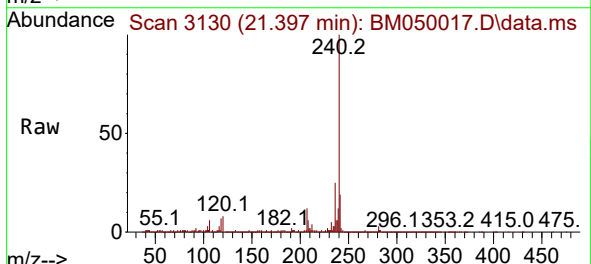
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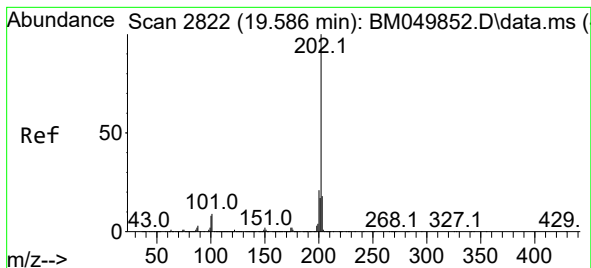
Tgt Ion:178 Resp: 319402
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.3 18.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

Tgt Ion:240 Resp: 1425719
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.3 20.4 30.6





#78

Pyrene

Concen: 2.534 ng

RT: 19.580 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BM050017.D

Acq: 23 Apr 2025 17:14

Instrument :

BNA_M

ClientSampleId :

COMP-3

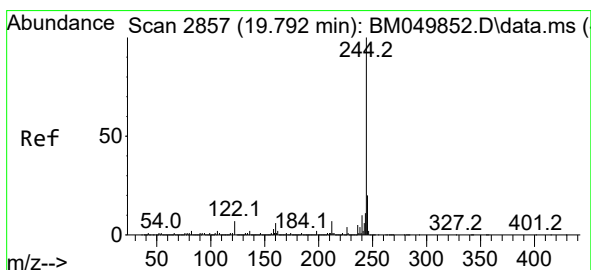
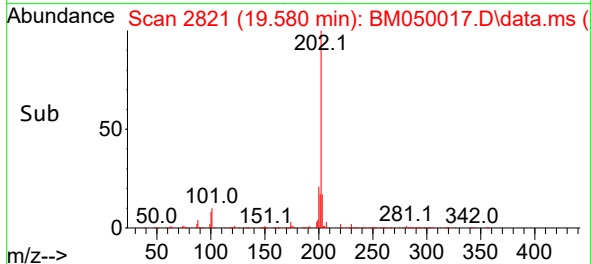
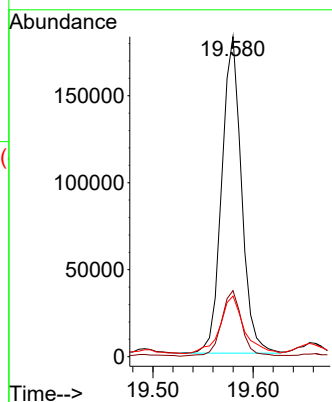
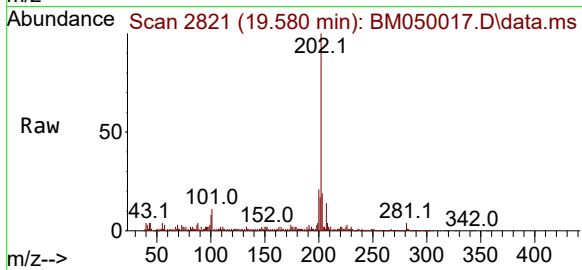
Tgt Ion:202 Resp: 248972

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 19.0 14.0 21.0



#79

Terphenyl-d14

Concen: 54.073 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BM050017.D

Acq: 23 Apr 2025 17:14

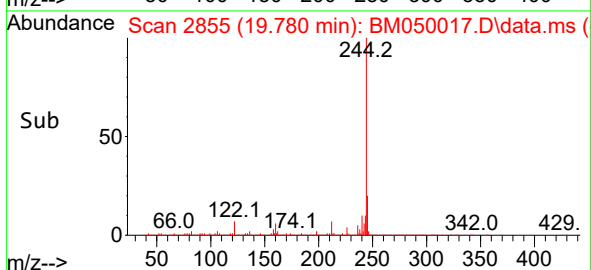
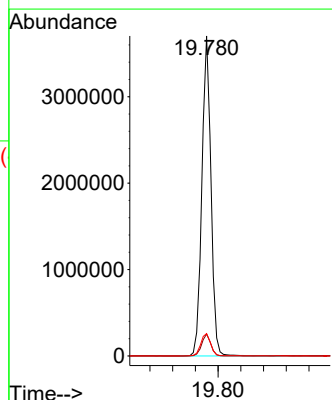
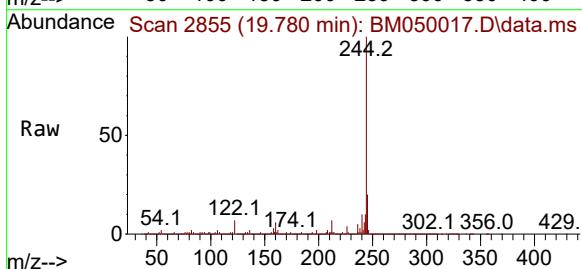
Tgt Ion:244 Resp: 4113680

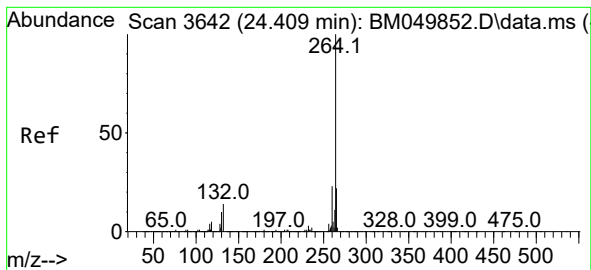
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 7.0 5.4 8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM050017.D
Acq: 23 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 1479401

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	22.4	17.8	26.8

