

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050318.D
 Acq On : 14 Jun 2025 03:40
 Operator : RC/JU
 Sample : Q2301-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-URBAN-FILL-C

Quant Time: Jun 14 04:28:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

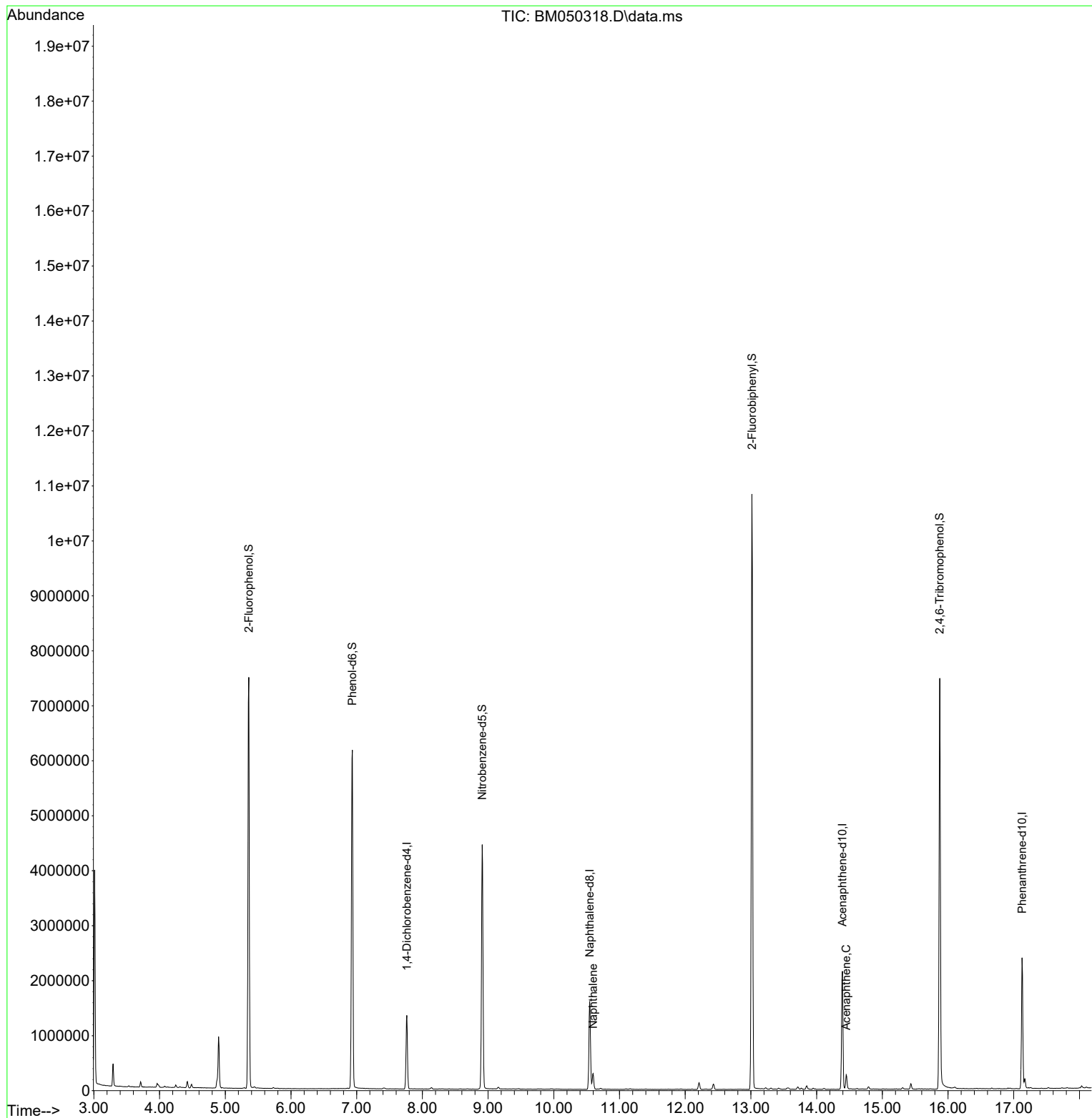
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	365030	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1367333	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	730437	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1329061	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1333433	20.000	ng	-0.02
86) Perylene-d12	24.321	264	1403419	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3510429	160.422	ng	0.00
7) Phenol-d6	6.934	99	4011894	139.272	ng	0.00
23) Nitrobenzene-d5	8.910	82	2810169	106.888	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1350757	162.581	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5544528	102.767	ng	-0.01
79) Terphenyl-d14	19.756	244	7199245	102.313	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.598	128	241099	3.410	ng	99
52) Acenaphthene	14.451	154	88016	2.046	ng	93

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

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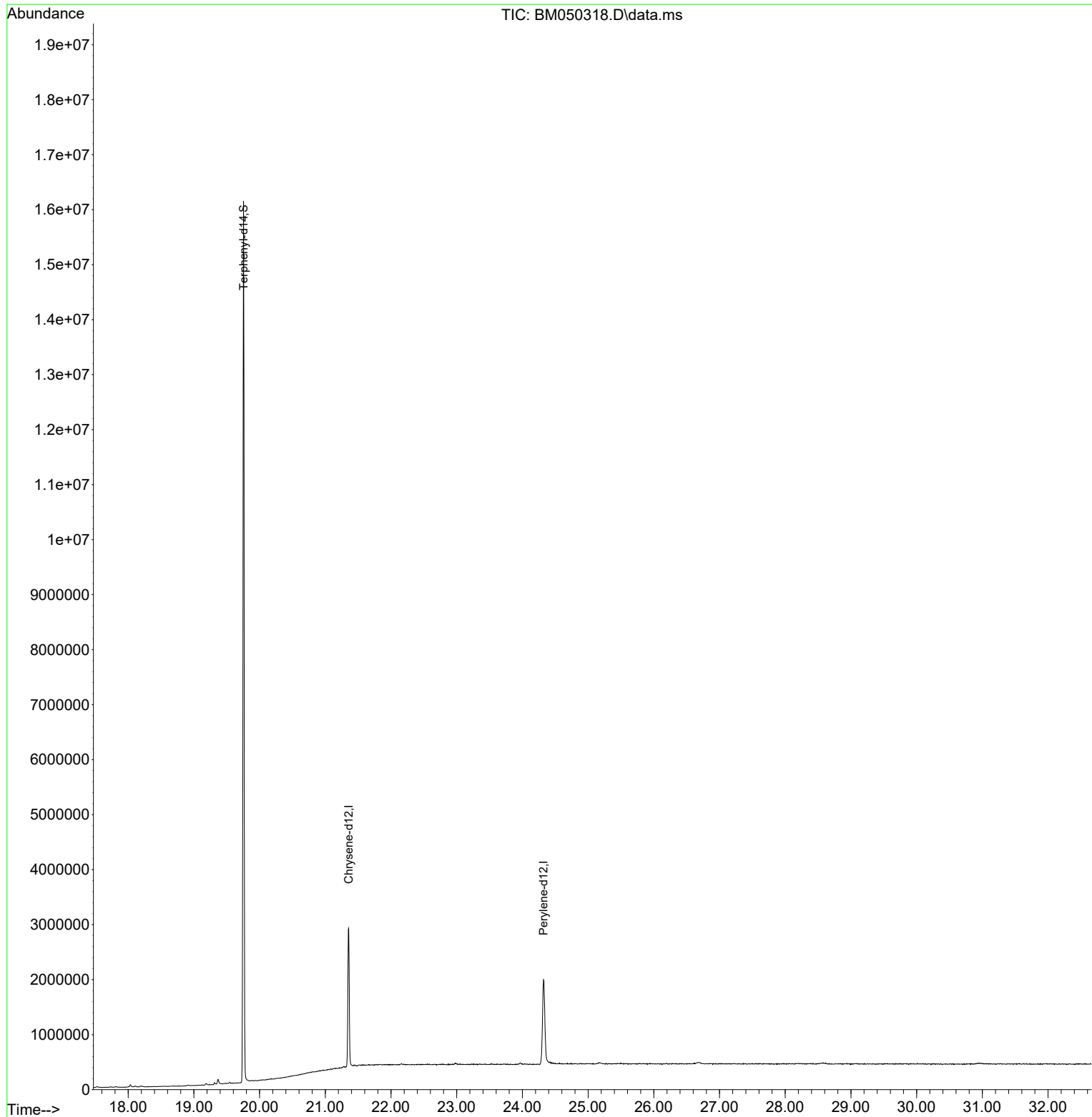
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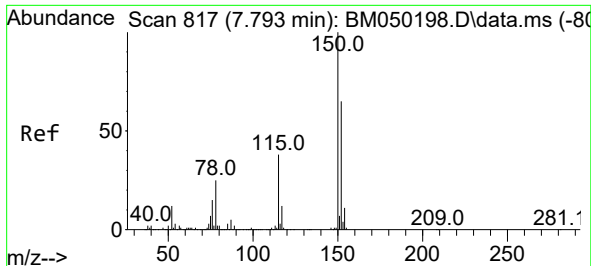


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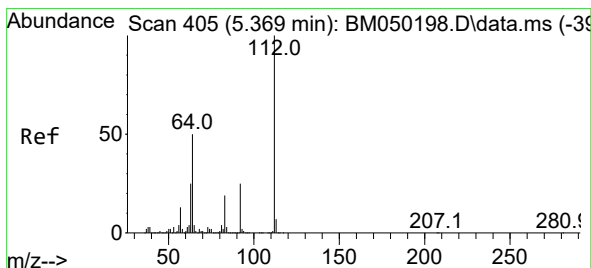
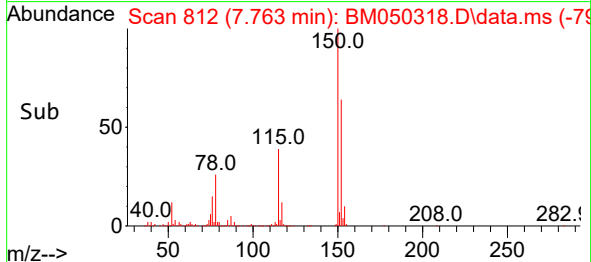
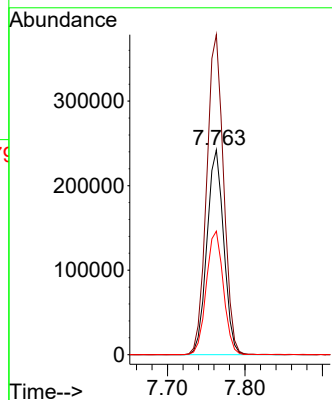
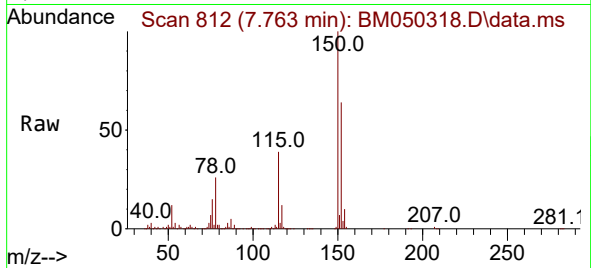




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

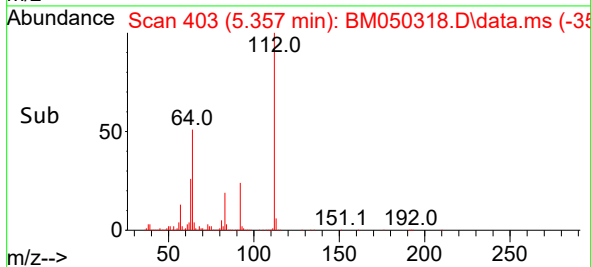
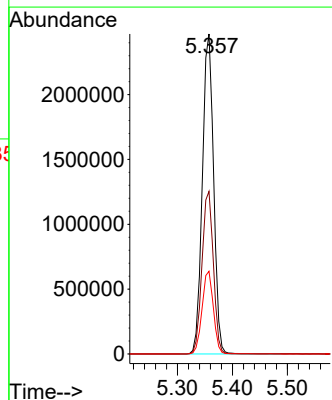
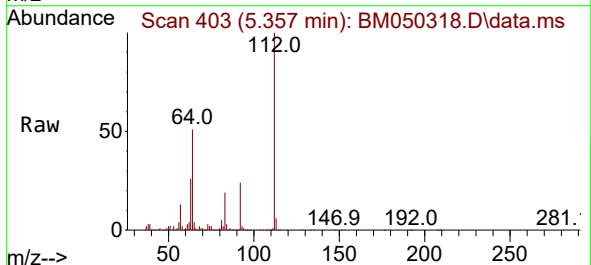
Instrument :
BNA_M
ClientSampleId :
WC-URBAN-FILL-C

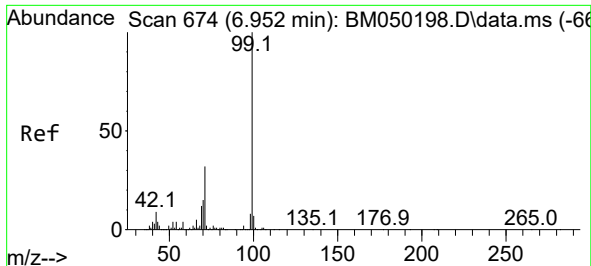
Tgt Ion:152 Resp: 365030
Ion Ratio Lower Upper
152 100
150 156.3 122.2 183.4
115 60.3 46.3 69.5



#5
2-Fluorophenol
Concen: 160.422 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

Tgt Ion:112 Resp: 3510429
Ion Ratio Lower Upper
112 100
64 50.8 39.8 59.6
63 25.8 19.8 29.8

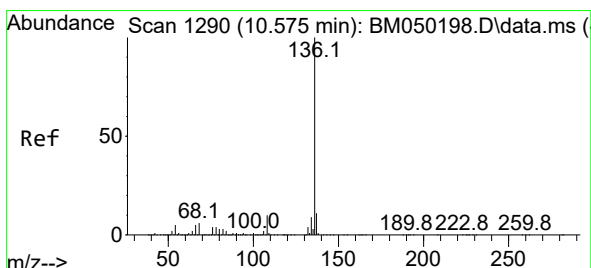
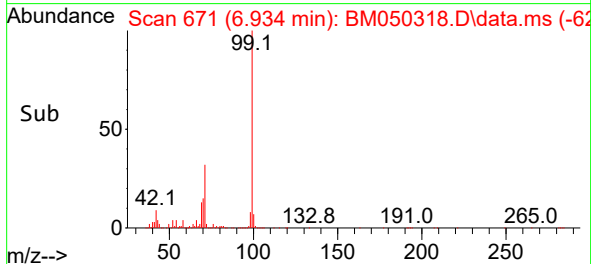
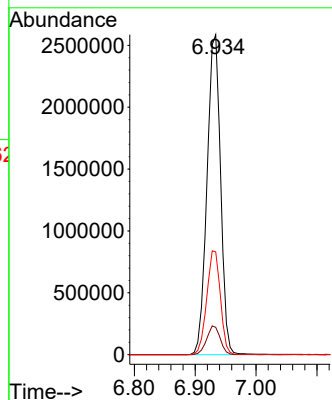
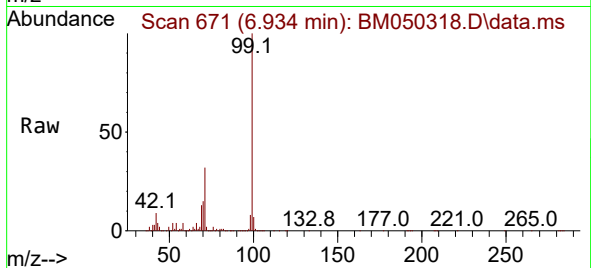




#7
Phenol-d6
Concen: 139.272 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

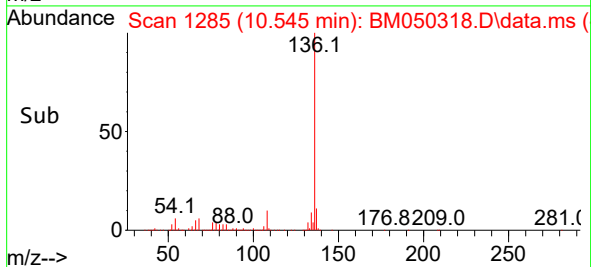
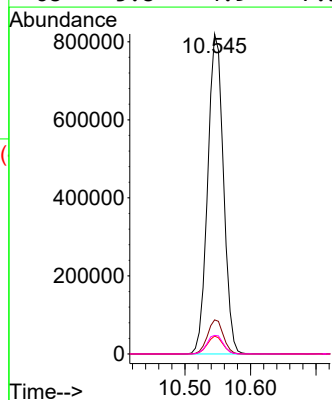
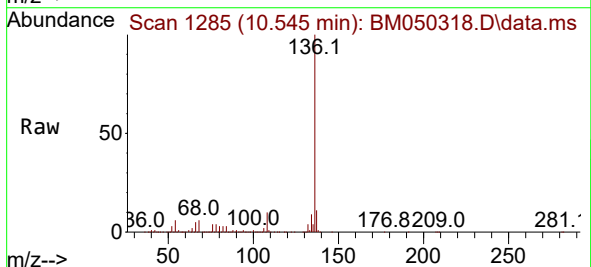
Instrument :
BNA_M
ClientSampleId :
WC-URBAN-FILL-C

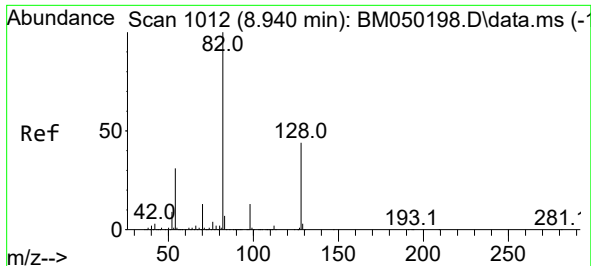
Tgt Ion: 99 Resp: 4011894
Ion Ratio Lower Upper
99 100
42 8.5 6.9 10.3
71 32.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

Tgt Ion: 136 Resp: 1367333
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.6 3.8 5.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 106.888 ng

RT: 8.910 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BM050318.D

Acq: 14 Jun 2025 03:40

Instrument :

BNA_M

ClientSampleId :

WC-URBAN-FILL-C

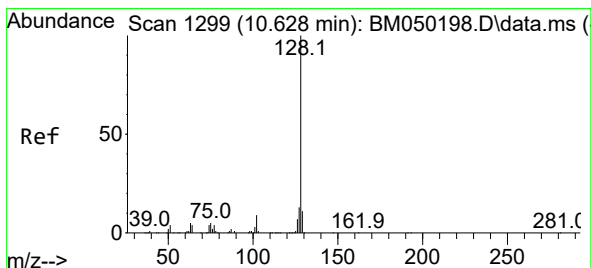
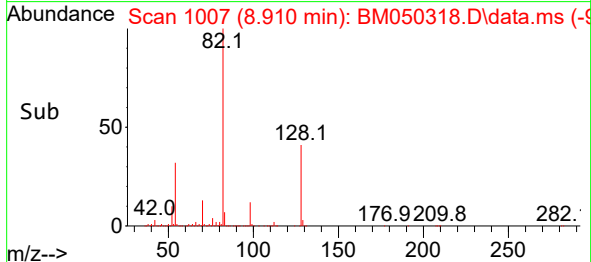
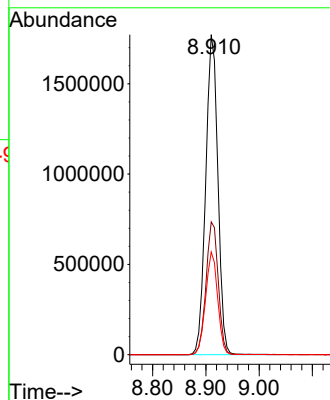
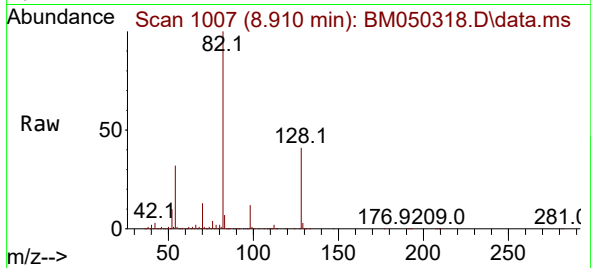
Tgt Ion: 82 Resp: 2810169

Ion Ratio Lower Upper

82 100

128 41.5 35.2 52.8

54 32.1 24.5 36.7



#31

Naphthalene

Concen: 3.410 ng

RT: 10.598 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BM050318.D

Acq: 14 Jun 2025 03:40

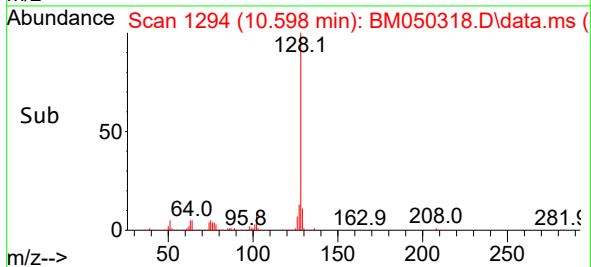
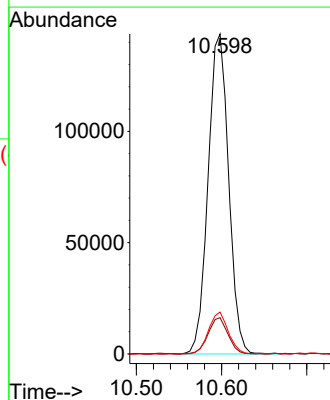
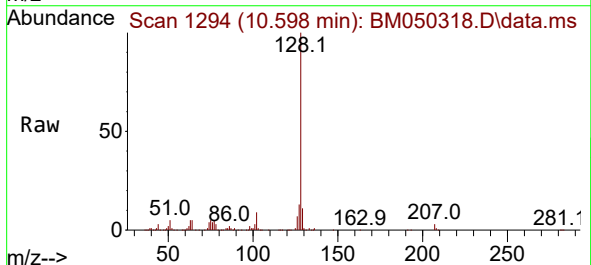
Tgt Ion: 128 Resp: 241099

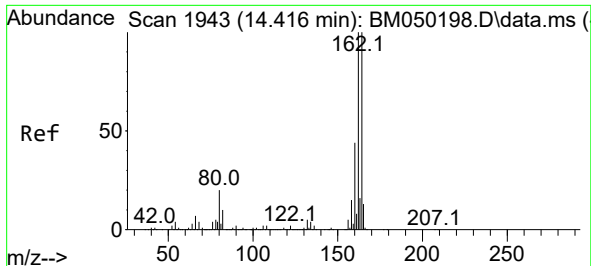
Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

127 13.1 10.2 15.4

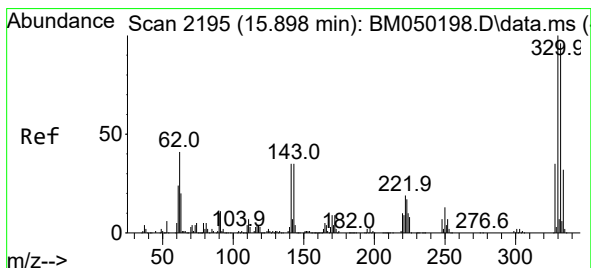
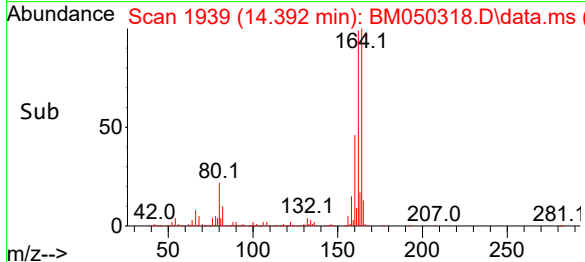
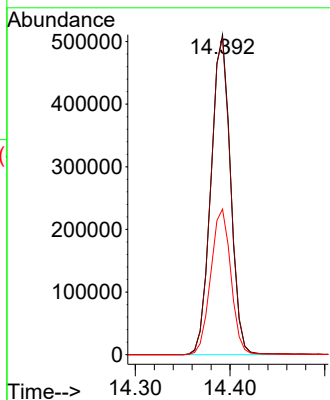
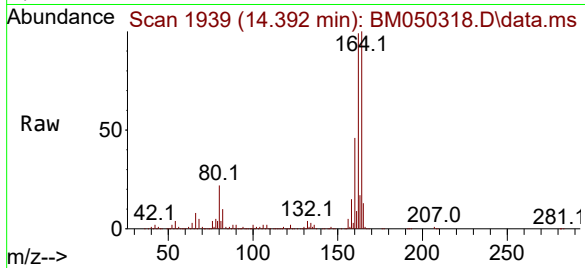




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

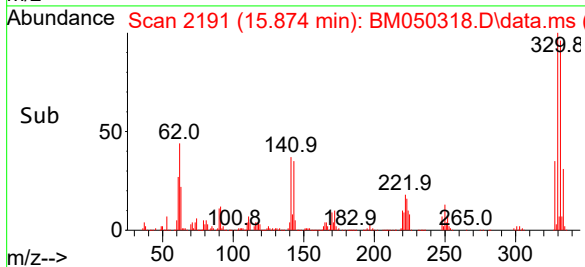
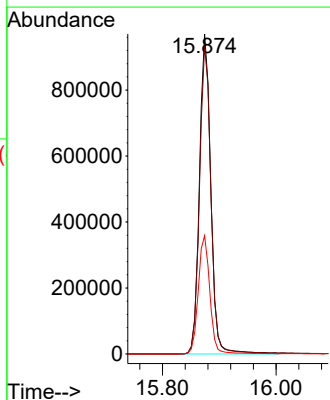
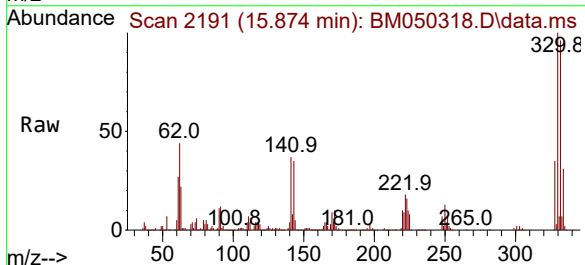
Instrument :
BNA_M
ClientSampleId :
WC-URBAN-FILL-C

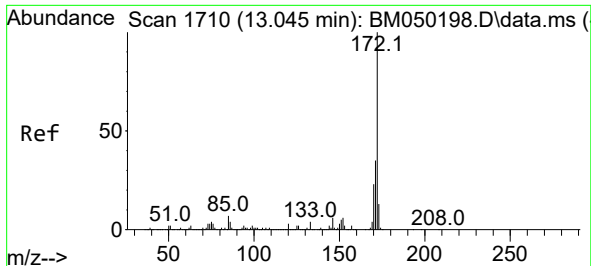
Tgt Ion:164 Resp: 730437
Ion Ratio Lower Upper
164 100
162 98.8 80.2 120.4
160 45.5 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 162.581 ng
RT: 15.874 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

Tgt Ion:330 Resp: 1350757
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 37.8 28.8 43.2

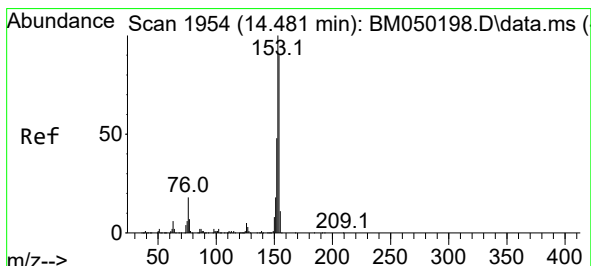
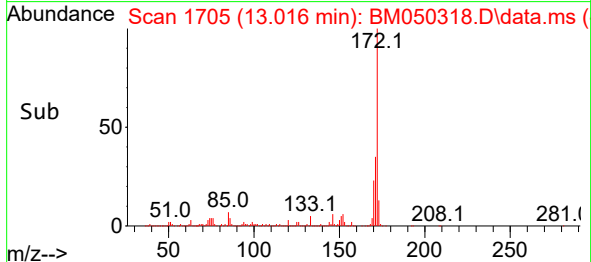
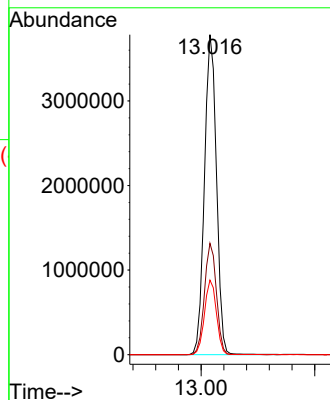
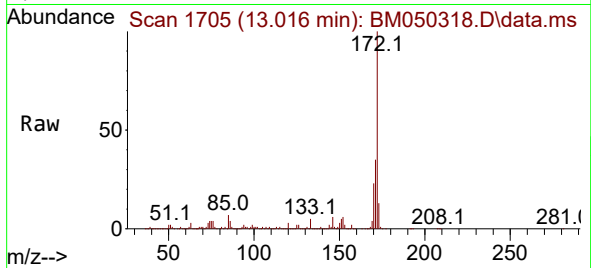




#45
2-Fluorobiphenyl
Concen: 102.767 ng
RT: 13.016 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

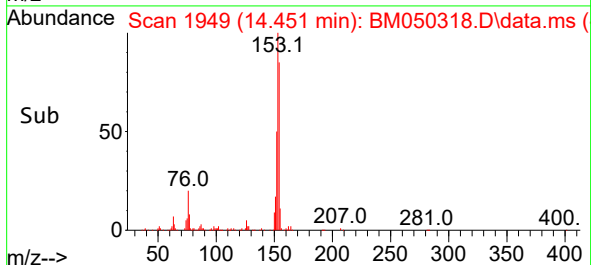
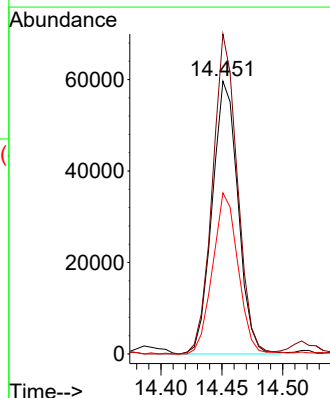
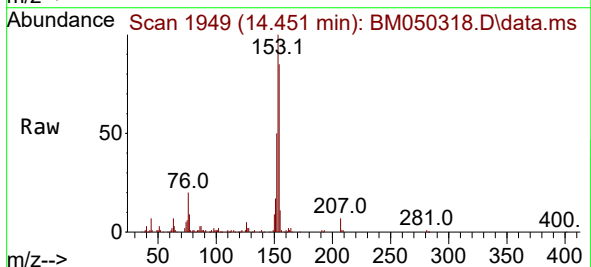
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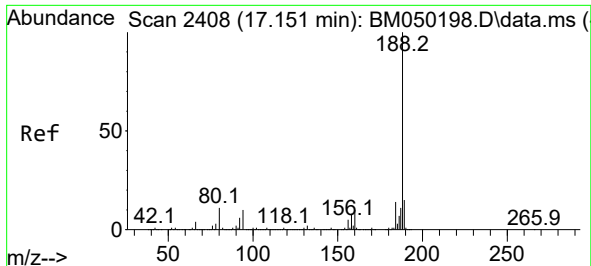
Tgt Ion:172 Resp: 5544528
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.3 18.6 27.8



#52
Acenaphthene
Concen: 2.046 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

Tgt Ion:154 Resp: 88016
Ion Ratio Lower Upper
154 100
153 117.3 88.7 133.1
152 59.1 42.6 63.8

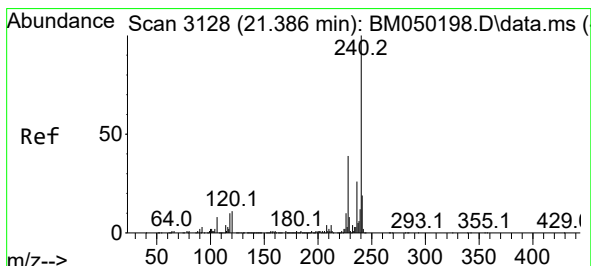
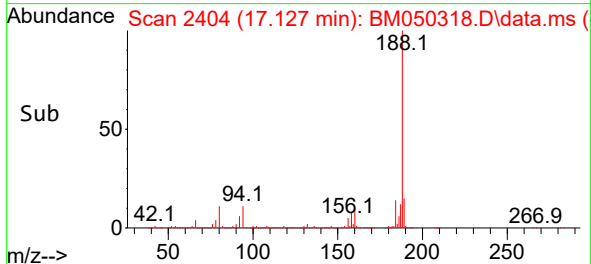
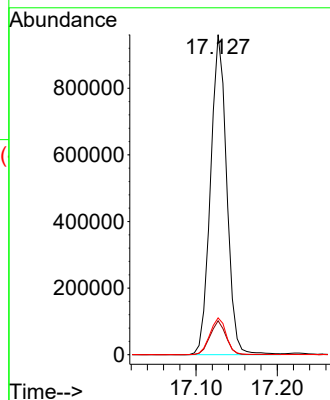
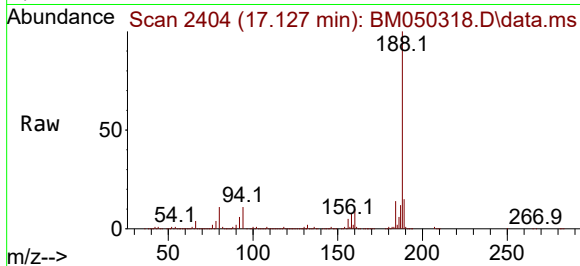




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

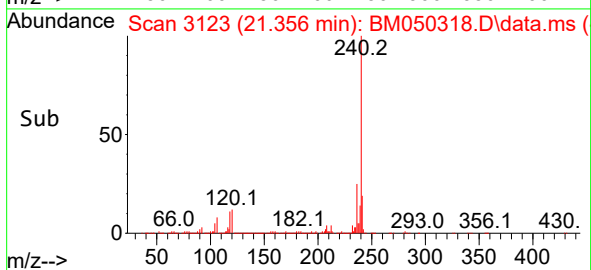
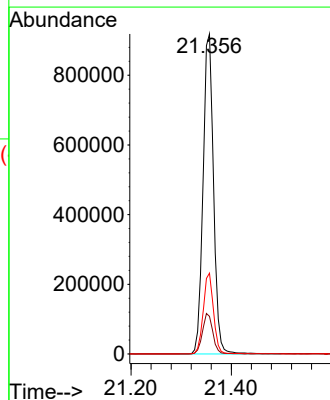
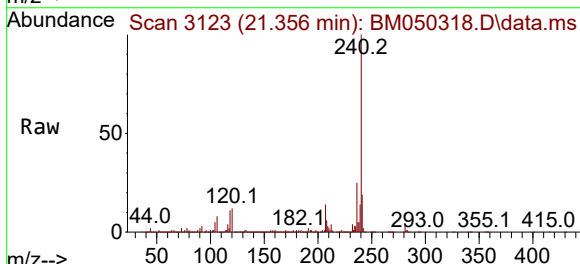
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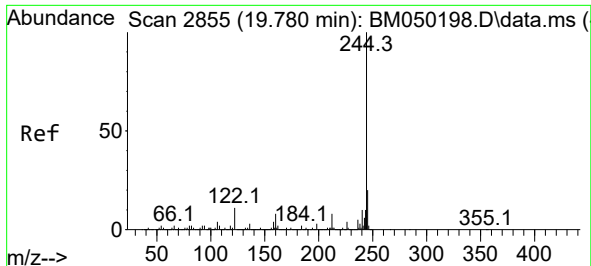
Tgt Ion:188 Resp: 1329061
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.5 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BM050318.D
Acq: 14 Jun 2025 03:40

Tgt Ion:240 Resp: 1333433
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 25.3 20.7 31.1

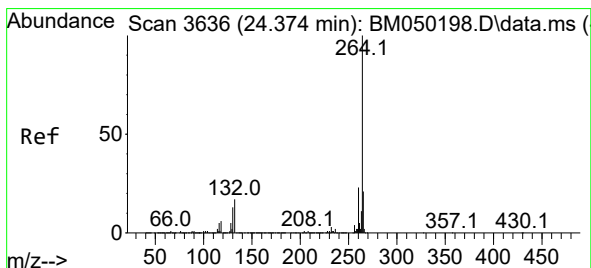
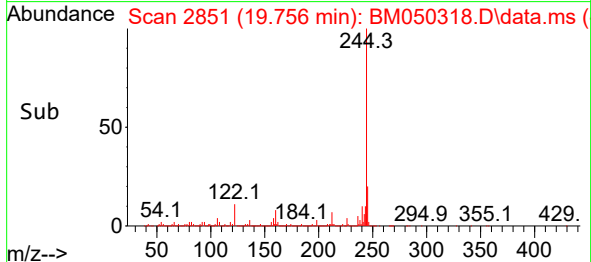
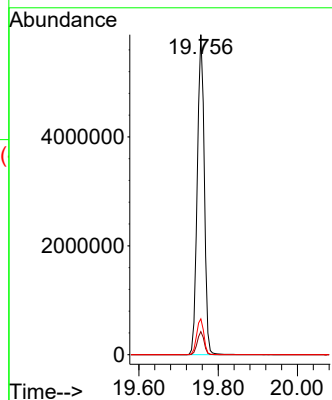
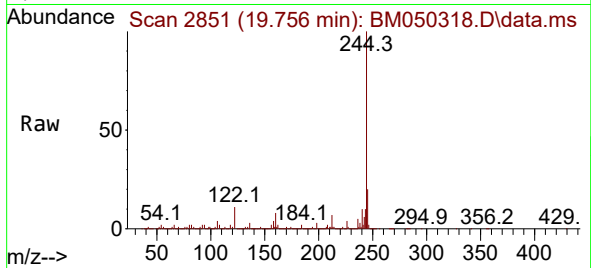




#79
 Terphenyl-d14
 Concen: 102.313 ng
 RT: 19.756 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050318.D
 Acq: 14 Jun 2025 03:40

Instrument :
 BNA_M
 ClientSampleId :
 WC-URBAN-FILL-C

Tgt Ion:244 Resp: 7199245
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.321 min Scan# 3627
 Delta R.T. -0.024 min
 Lab File: BM050318.D
 Acq: 14 Jun 2025 03:40

Tgt Ion:264 Resp: 1403419
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.8 16.8 25.2

