

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050215.D
 Acq On : 06 Jun 2025 15:26
 Operator : RC/JU
 Sample : Q2194-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-13

Quant Time: Jun 06 16:25:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

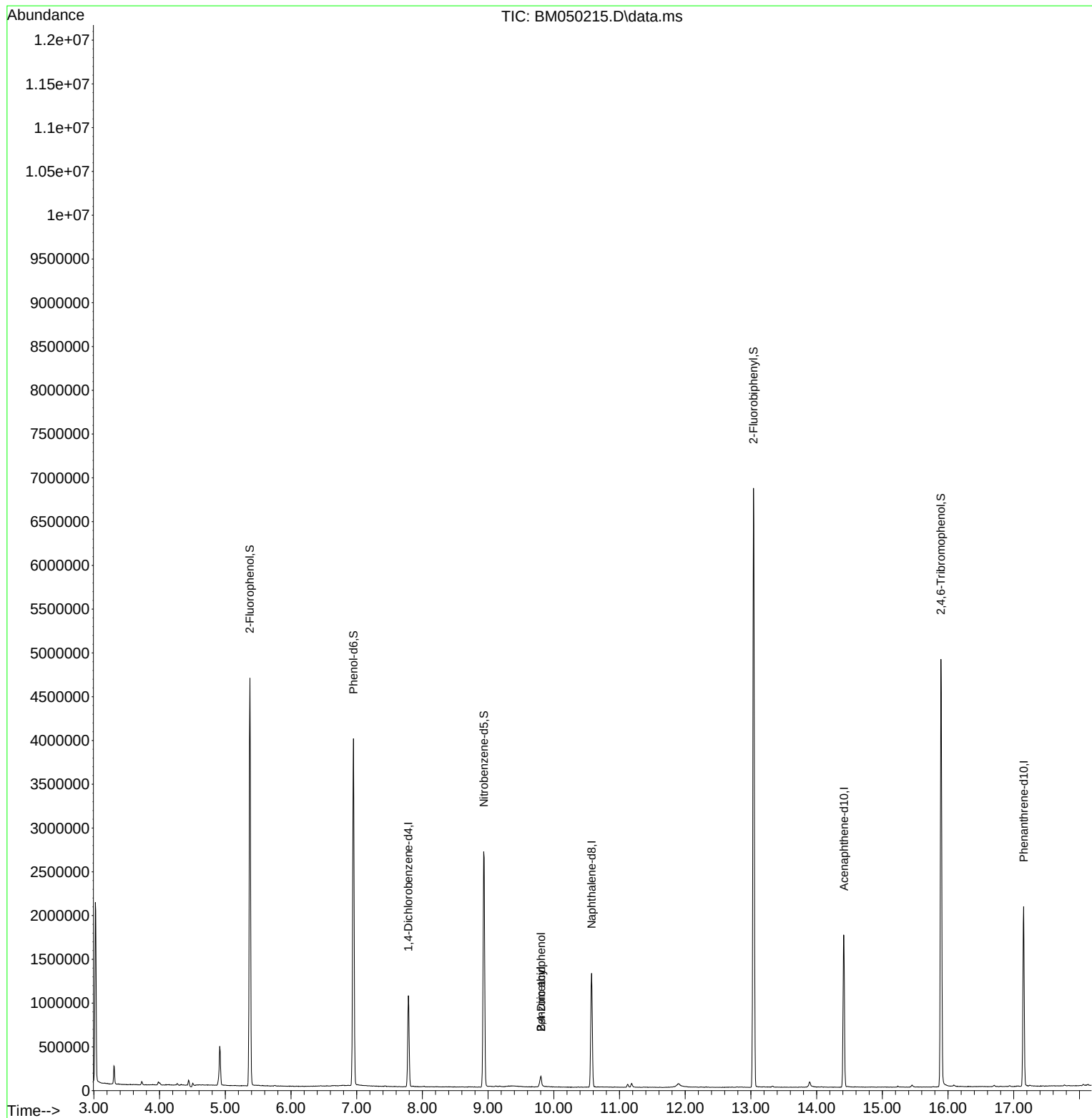
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	294115	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1102386	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	616752	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1152106	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1157843	20.000	ng	0.00
86) Perylene-d12	24.368	264	1249334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2201110	124.841	ng	0.00
7) Phenol-d6	6.951	99	2570679	110.758	ng	0.00
23) Nitrobenzene-d5	8.934	82	1726328	81.444	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	945363	134.761	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3576220	78.503	ng	-0.01
79) Terphenyl-d14	19.780	244	4778745	78.213	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.804	122	61348	3.588	ng	# 4
32) Benzoic acid	9.804	122	61348	5.709	ng	95

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

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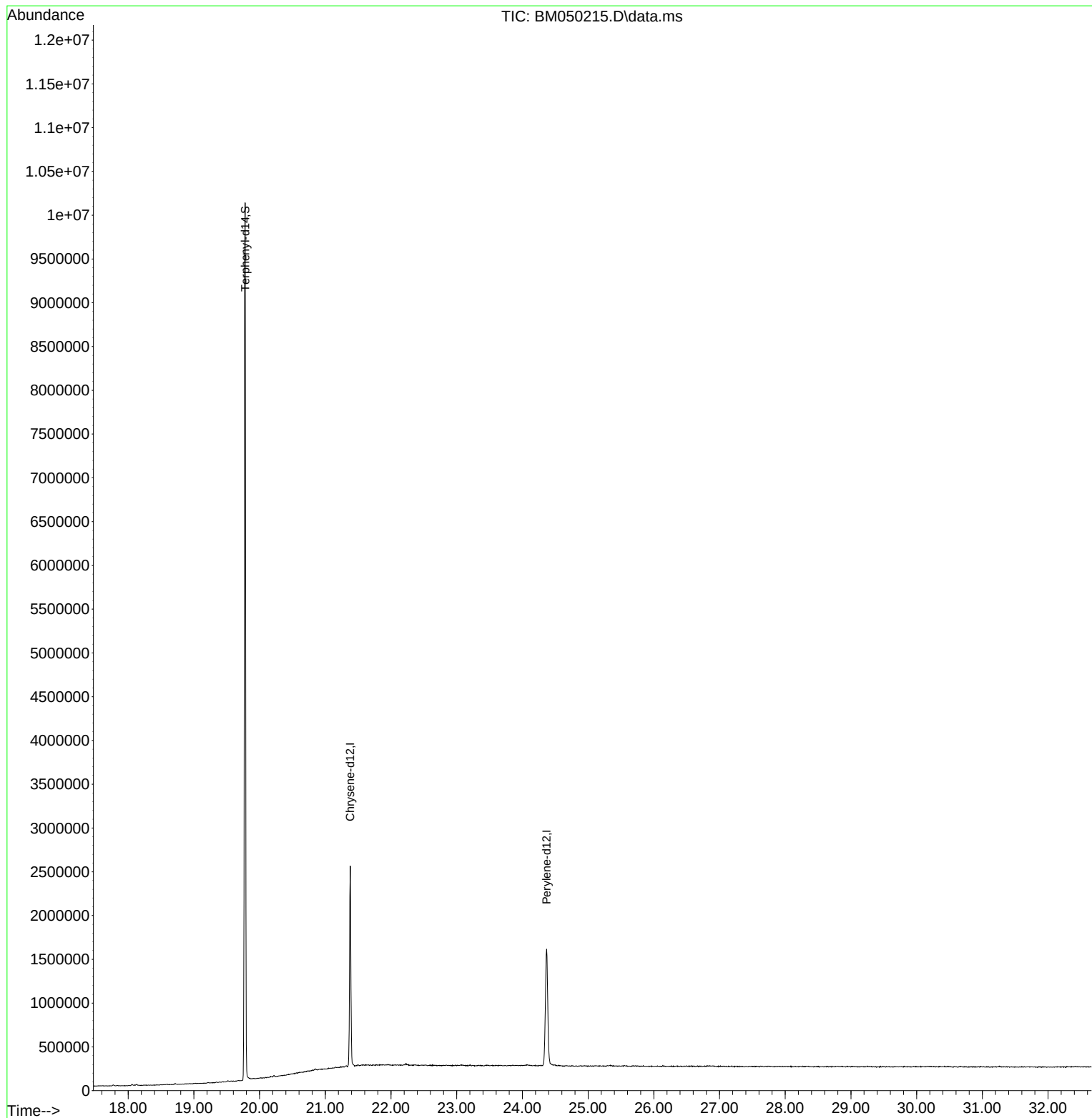
Quant Time: Jun 06 16:25:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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QLast Update : Thu Jun 05 16:20:25 2025
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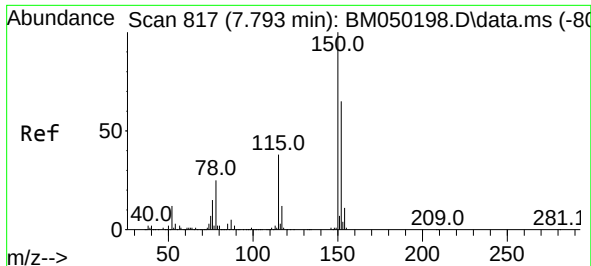


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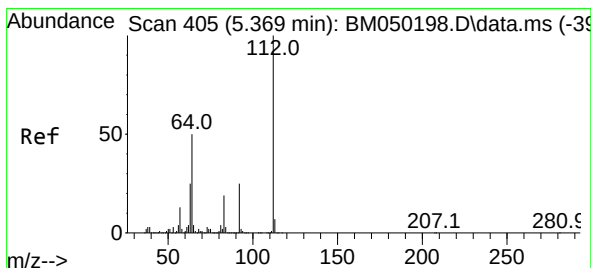
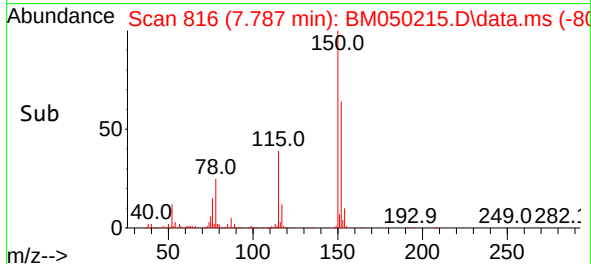
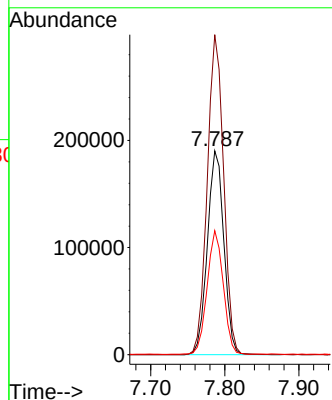
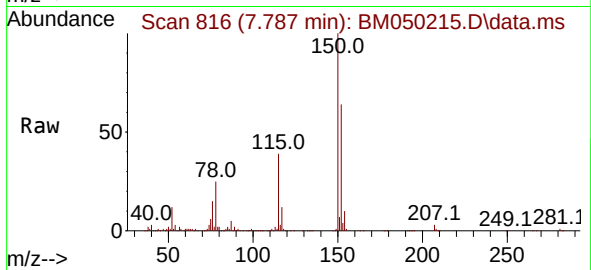




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

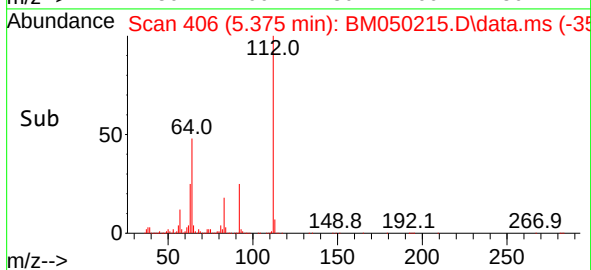
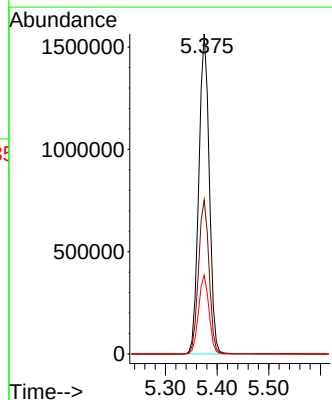
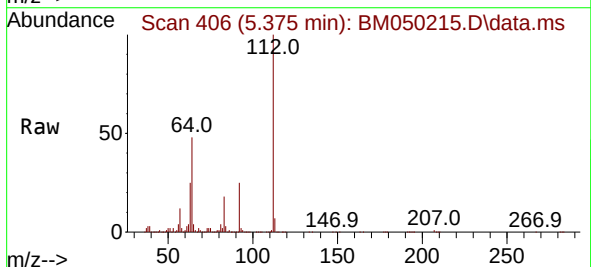
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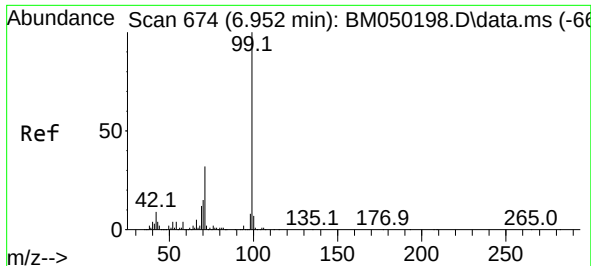
Tgt Ion:152 Resp: 294115
Ion Ratio Lower Upper
152 100
150 156.9 122.2 183.4
115 60.8 46.3 69.5



#5
2-Fluorophenol
Concen: 124.841 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

Tgt Ion:112 Resp: 2201110
Ion Ratio Lower Upper
112 100
64 48.2 39.8 59.6
63 24.7 19.8 29.8

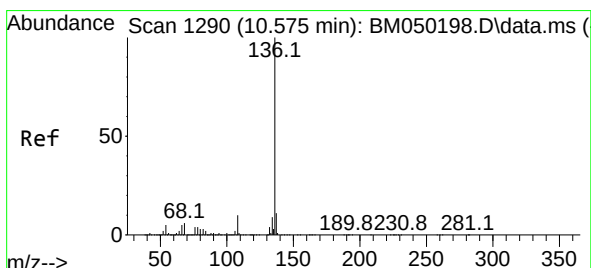
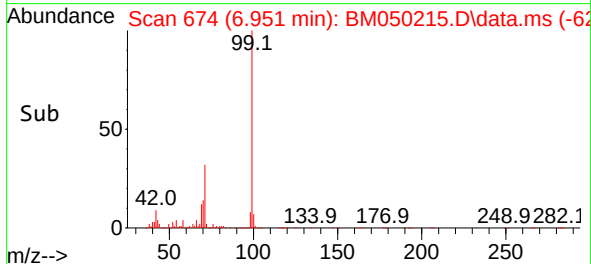
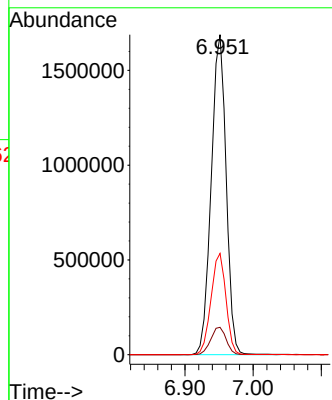
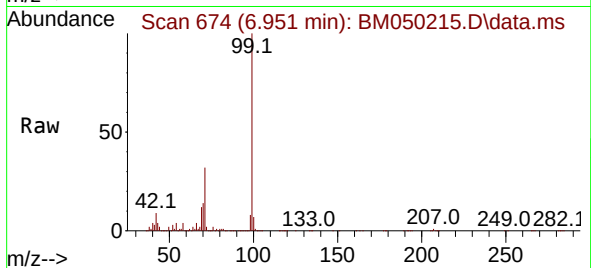




#7
Phenol-d6
Concen: 110.758 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

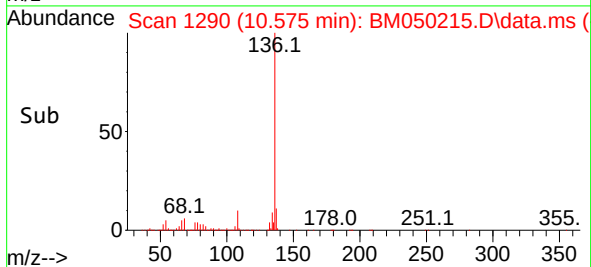
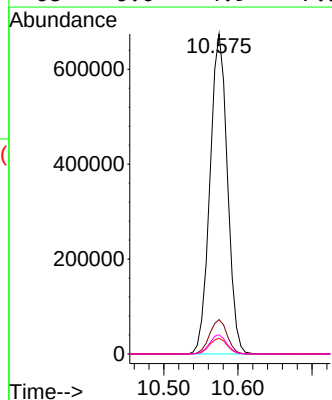
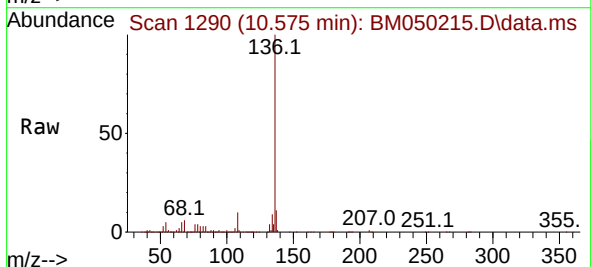
Instrument :
BNA_M
ClientSampleId :
COMP-13

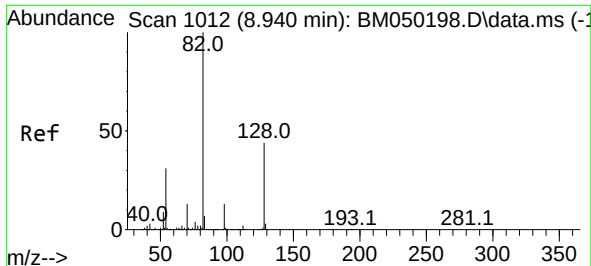
Tgt Ion: 99 Resp: 2570679
Ion Ratio Lower Upper
99 100
42 8.5 6.9 10.3
71 31.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

Tgt Ion: 136 Resp: 1102386
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.9 3.8 5.8
68 6.0 4.9 7.3

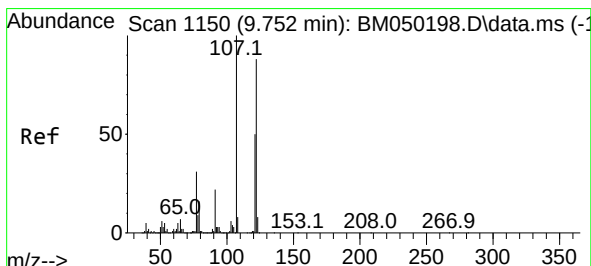
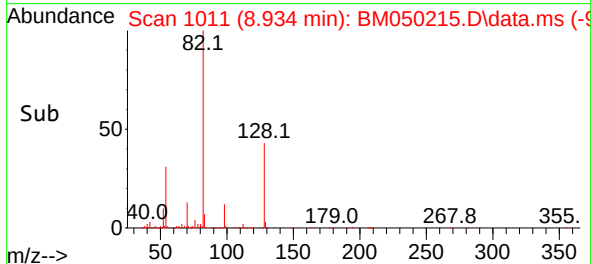
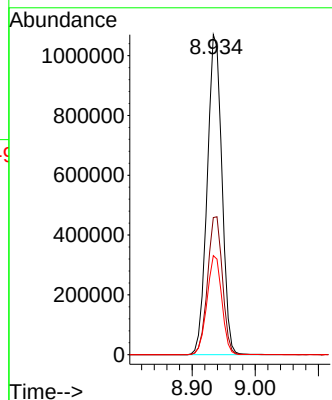
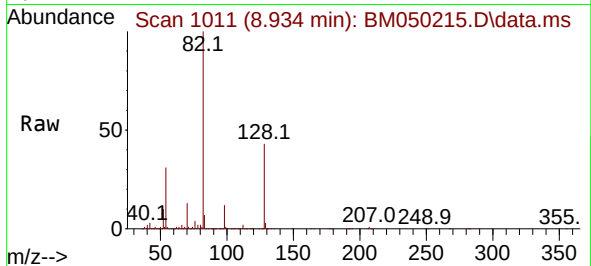




#23
Nitrobenzene-d5
Concen: 81.444 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

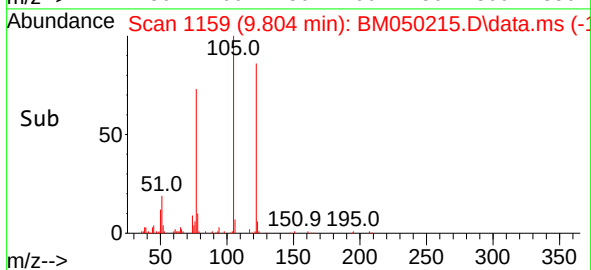
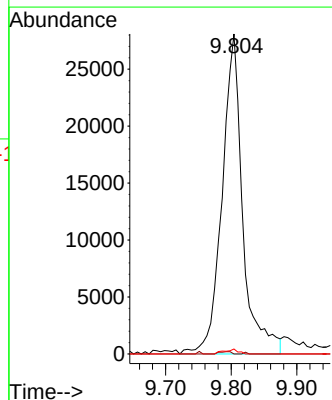
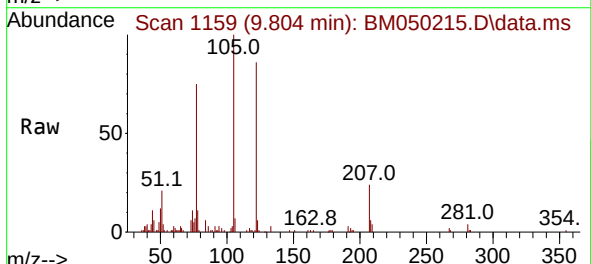
Instrument :
BNA_M
ClientSampleId :
COMP-13

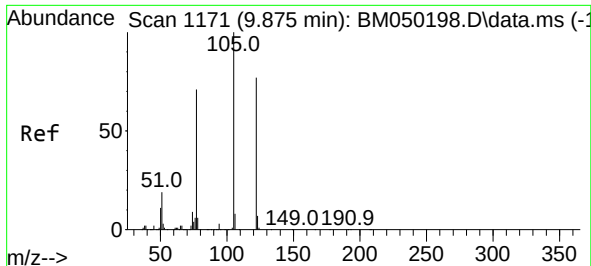
Tgt Ion: 82 Resp: 1726328
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 30.9 24.5 36.7



#27
2,4-Dimethylphenol
Concen: 3.588 ng
RT: 9.804 min Scan# 1159
Delta R.T. 0.047 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

Tgt Ion:122 Resp: 61348
Ion Ratio Lower Upper
122 100
107 0.0 91.0 136.6#
121 1.6 45.8 68.6#

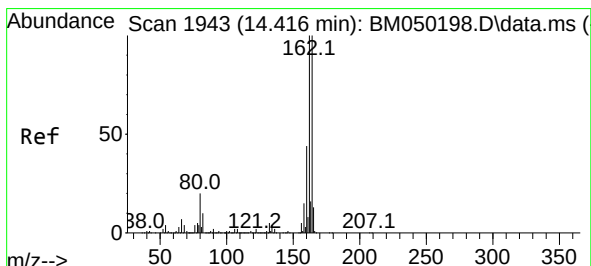
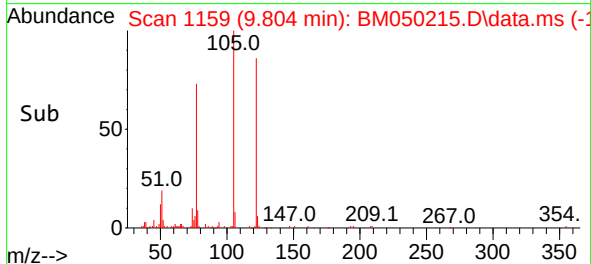
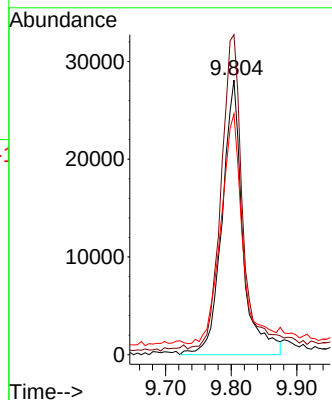
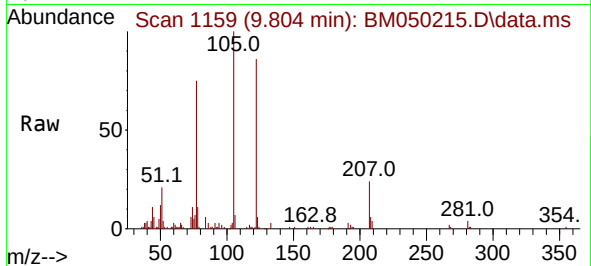




#32
Benzoic acid
Concen: 5.709 ng
RT: 9.804 min Scan# 1171
Delta R.T. -0.112 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

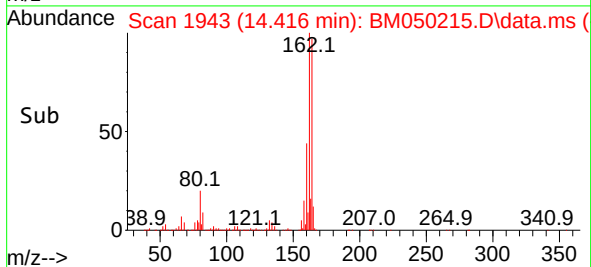
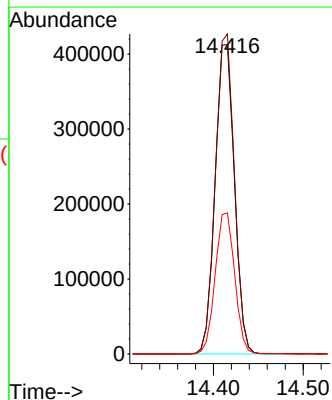
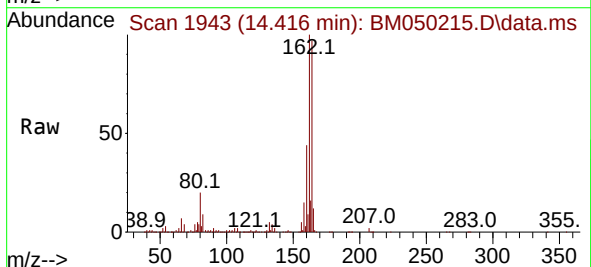
Instrument :
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ClientSampleId :
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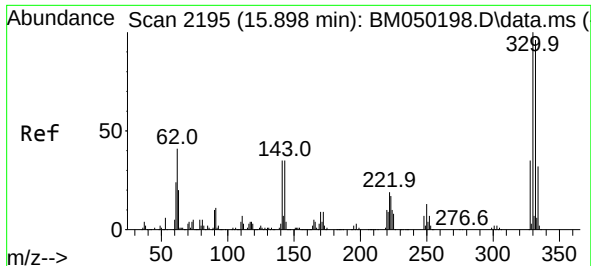
Tgt Ion:122 Resp: 61348
Ion Ratio Lower Upper
122 100
105 116.5 103.4 143.4
77 87.7 70.3 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

Tgt Ion:164 Resp: 616752
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.4
160 45.6 35.7 53.5

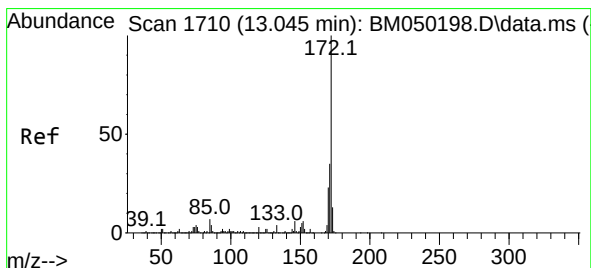
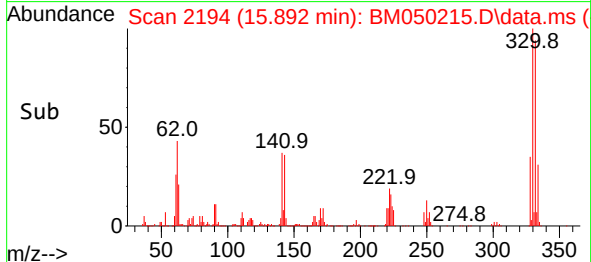
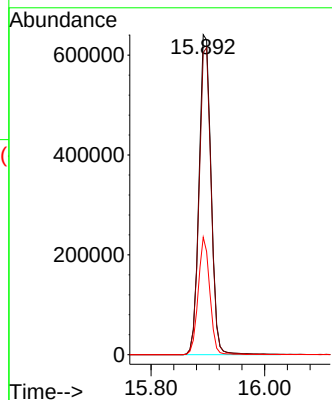
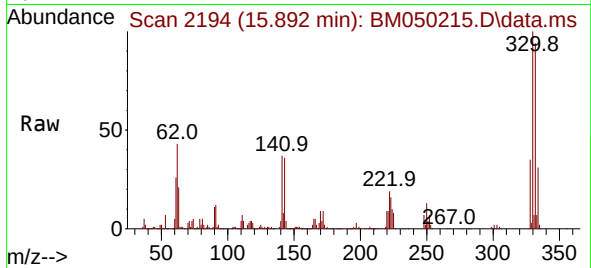




#42
2,4,6-Tribromophenol
Concen: 134.761 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

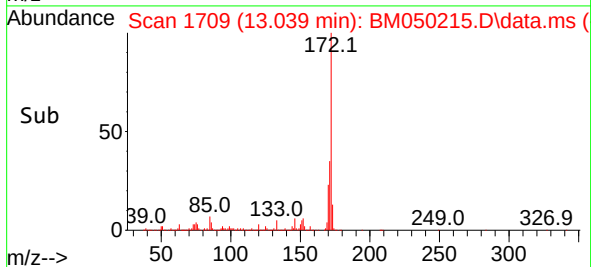
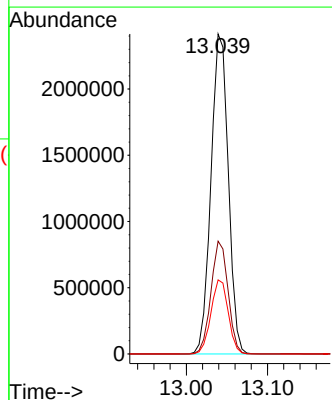
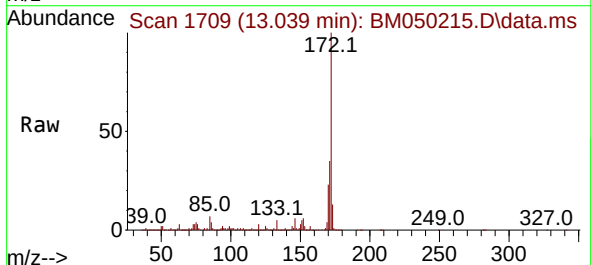
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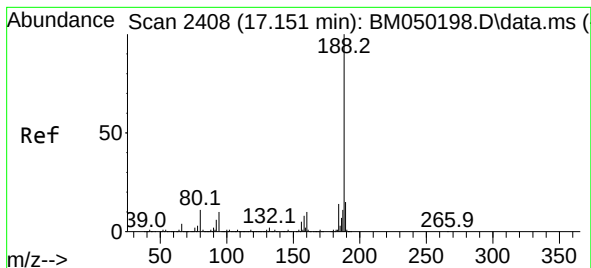
Tgt Ion:330 Resp: 945363
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 35.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.503 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050215.D
Acq: 06 Jun 2025 15:26

Tgt Ion:172 Resp: 3576220
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050215.D

Acq: 06 Jun 2025 15:26

Instrument :

BNA_M

ClientSampleId :

COMP-13

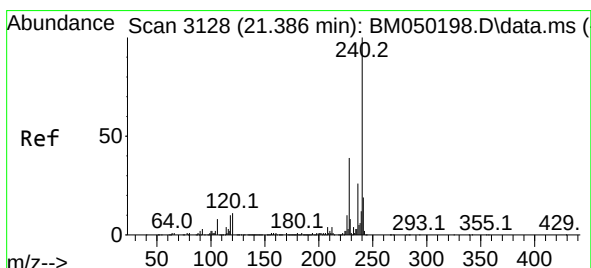
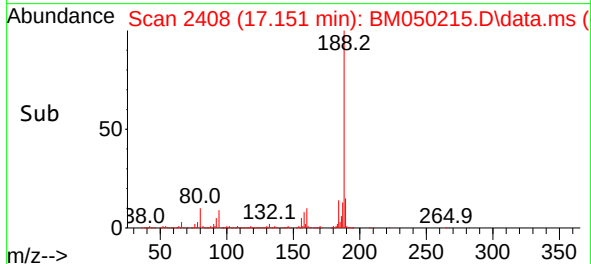
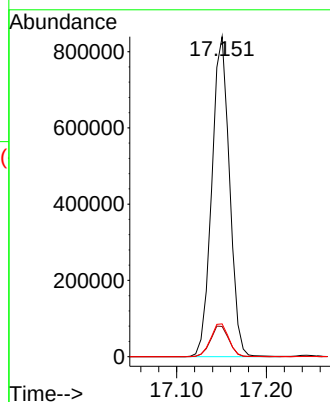
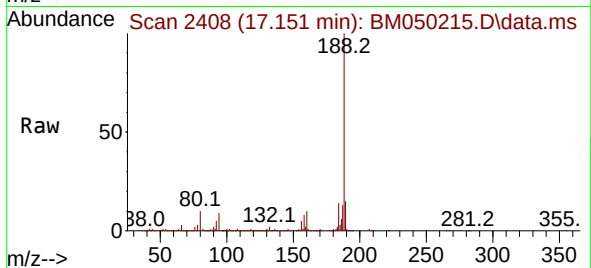
Tgt Ion:188 Resp: 1152106

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

80 10.3 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM050215.D

Acq: 06 Jun 2025 15:26

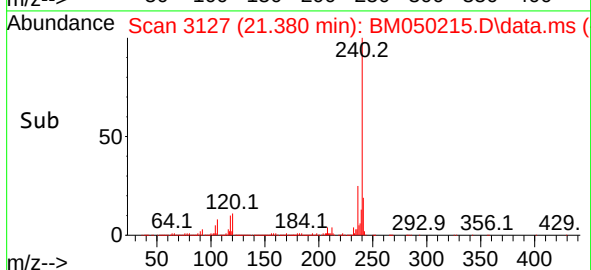
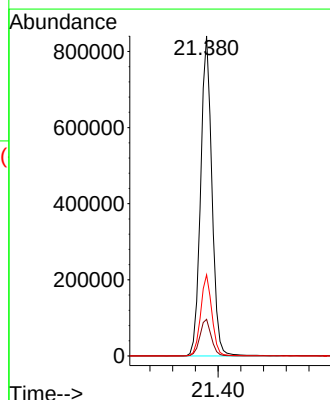
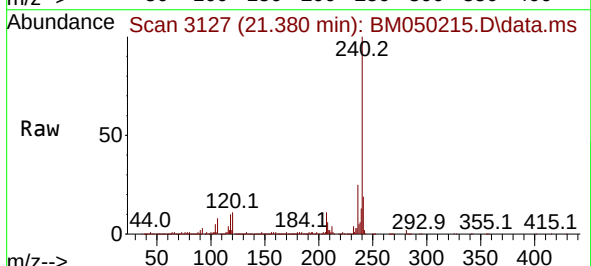
Tgt Ion:240 Resp: 1157843

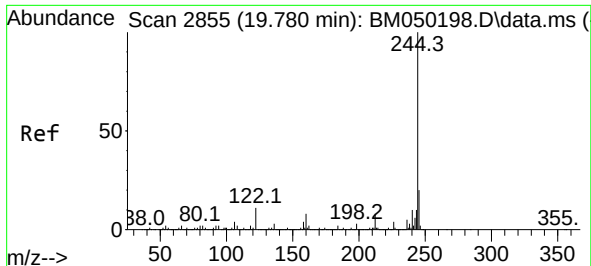
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

236 25.4 20.7 31.1

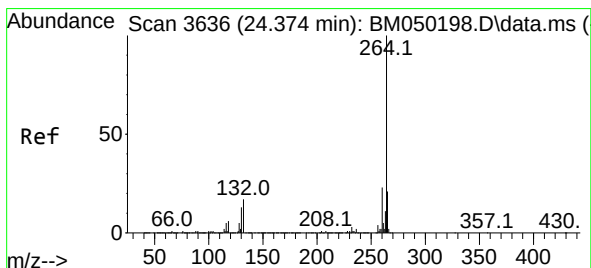
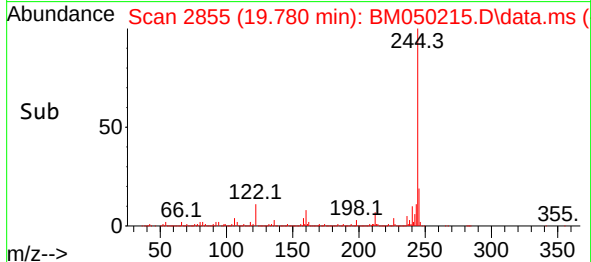
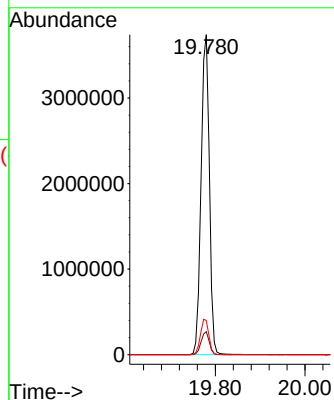
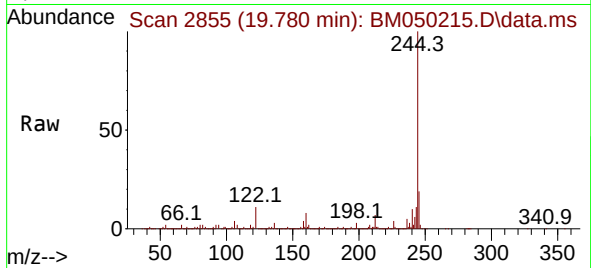




#79
 Terphenyl-d14
 Concen: 78.213 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050215.D
 Acq: 06 Jun 2025 15:26

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 4778745
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.368 min Scan# 3635
 Delta R.T. -0.006 min
 Lab File: BM050215.D
 Acq: 06 Jun 2025 15:26

Tgt Ion:264 Resp: 1249334
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.6 16.8 25.2

