

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050218.D
 Acq On : 06 Jun 2025 17:25
 Operator : RC/JU
 Sample : Q2207-27
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-03

Quant Time: Jun 06 18:07:19 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	288807	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1099962	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	607744	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1131114	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1093214	20.000	ng	0.00
86) Perylene-d12	24.362	264	1163739	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2131476	123.114	ng	0.00
7) Phenol-d6	6.951	99	2475179	108.603	ng	0.00
23) Nitrobenzene-d5	8.934	82	1745755	82.542	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	887009	128.317	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3539495	78.848	ng	-0.01
79) Terphenyl-d14	19.780	244	4862749	84.293	ng	0.00

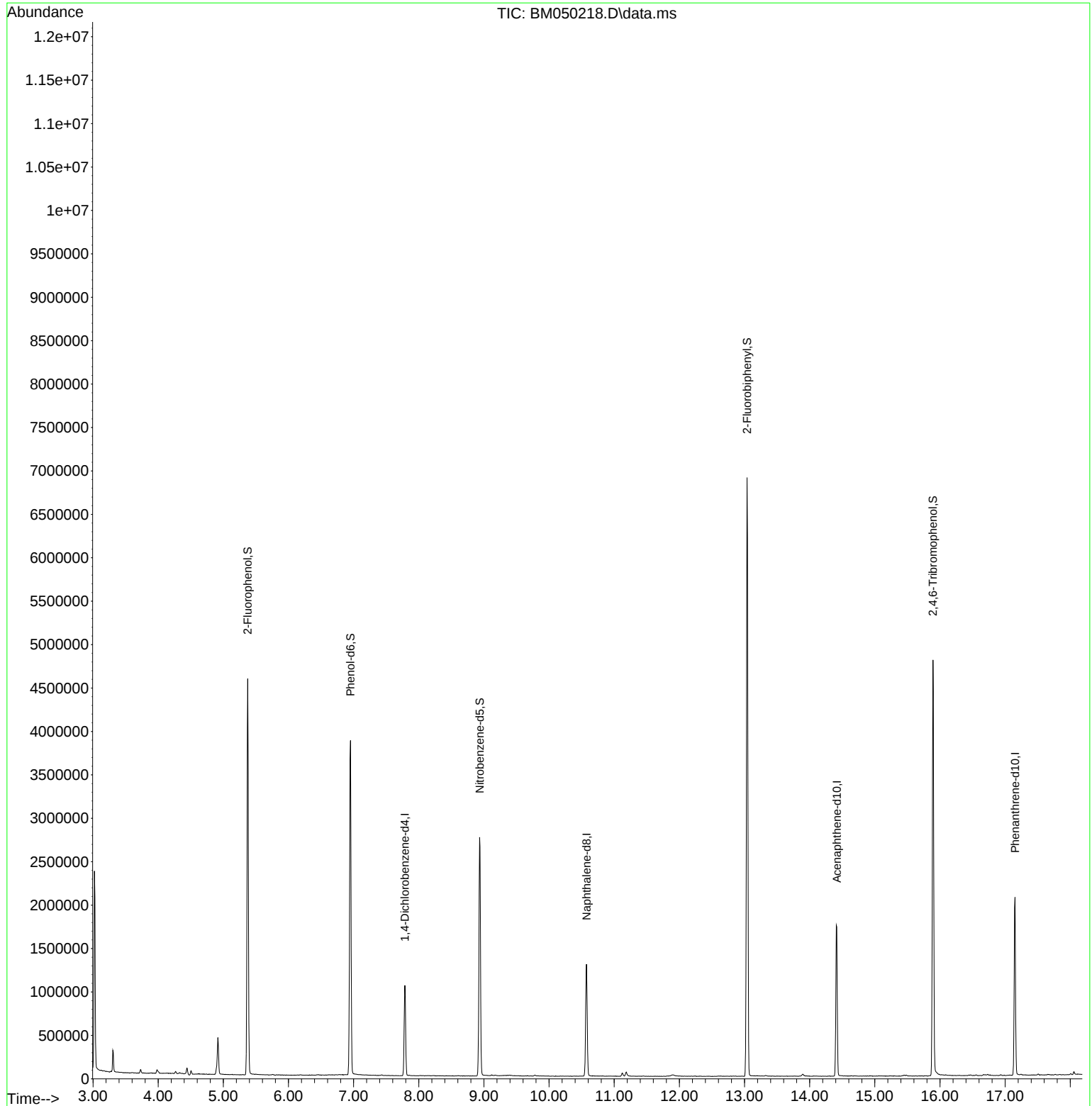
Target Compounds Qvalue

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

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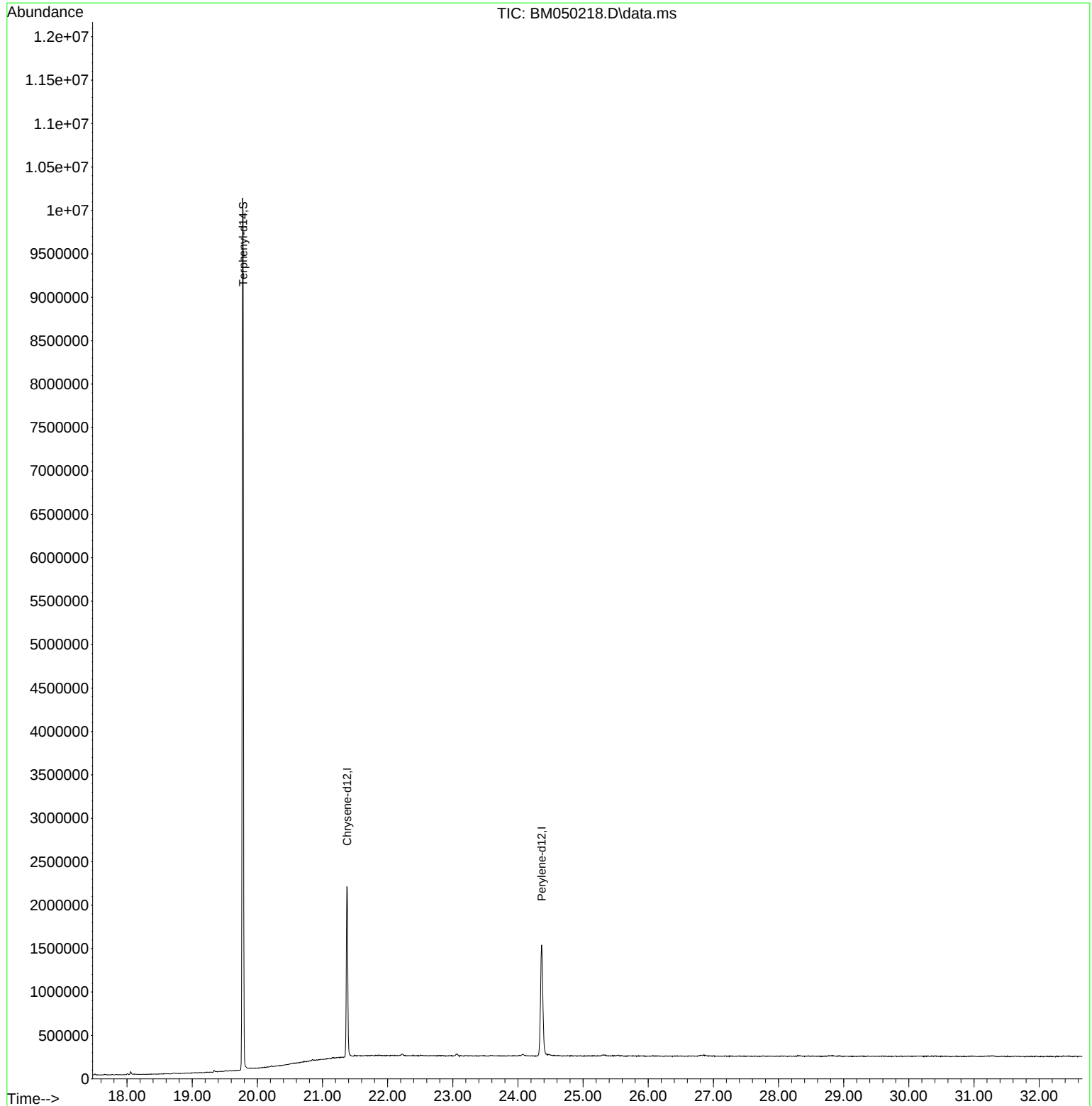
Quant Time: Jun 06 18:07:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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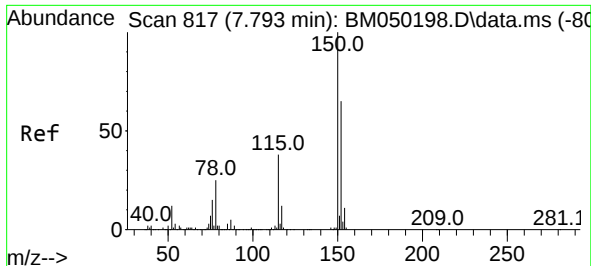


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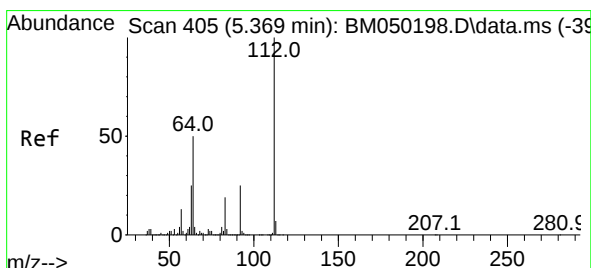
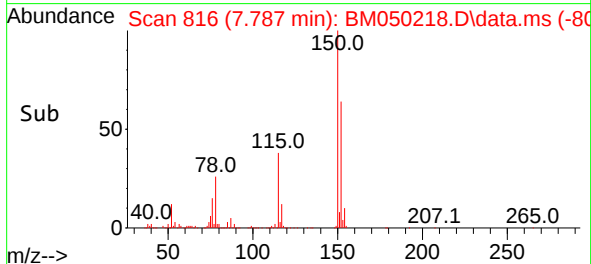
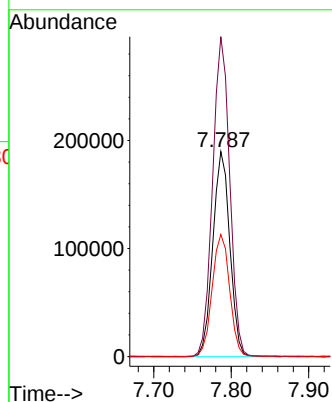
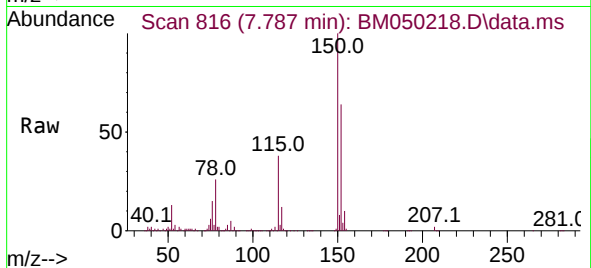




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050218.D
Acq: 06 Jun 2025 17:25

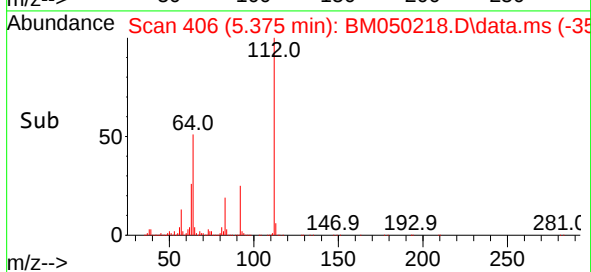
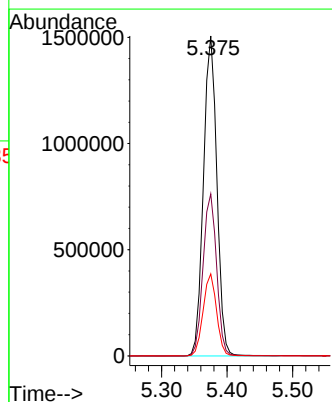
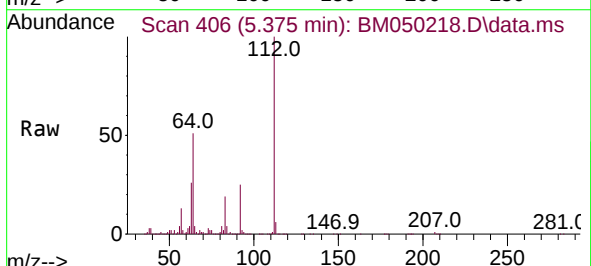
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-03

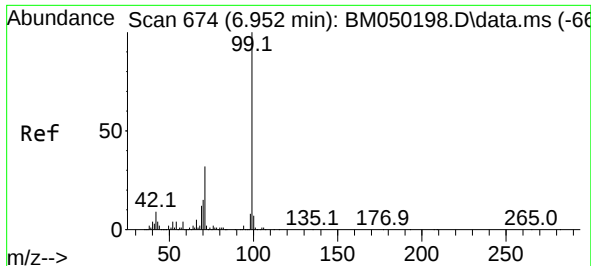
Tgt Ion:152 Resp: 288807
Ion Ratio Lower Upper
152 100
150 156.1 122.2 183.4
115 59.6 46.3 69.5



#5
2-Fluorophenol
Concen: 123.114 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050218.D
Acq: 06 Jun 2025 17:25

Tgt Ion:112 Resp: 2131476
Ion Ratio Lower Upper
112 100
64 50.6 39.8 59.6
63 25.6 19.8 29.8

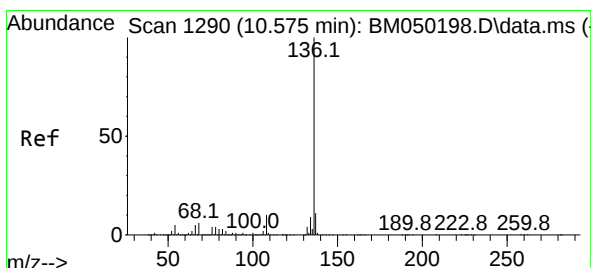
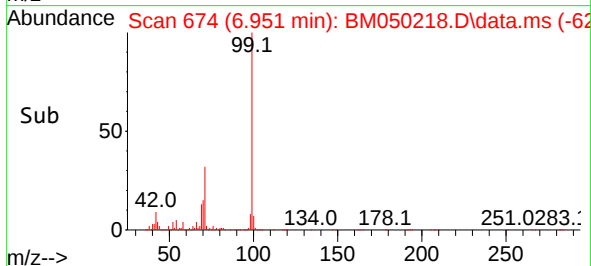
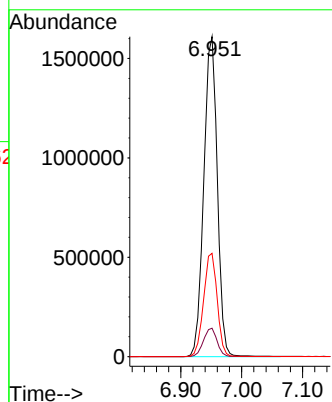
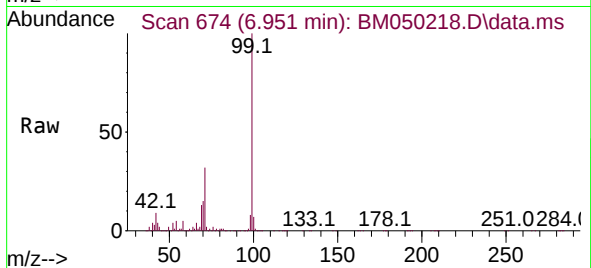




#7
Phenol-d6
Concen: 108.603 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050218.D
Acq: 06 Jun 2025 17:25

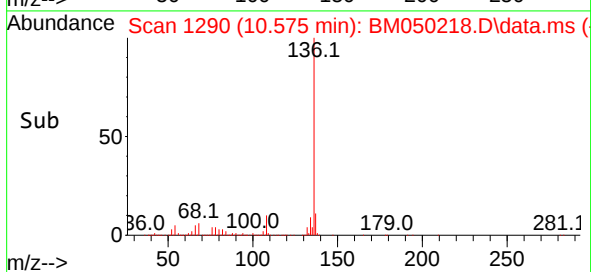
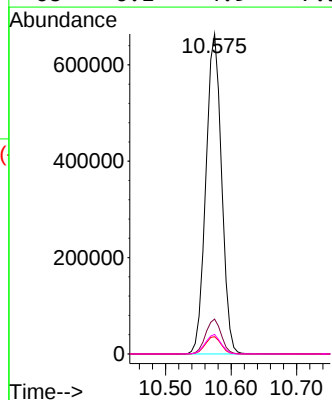
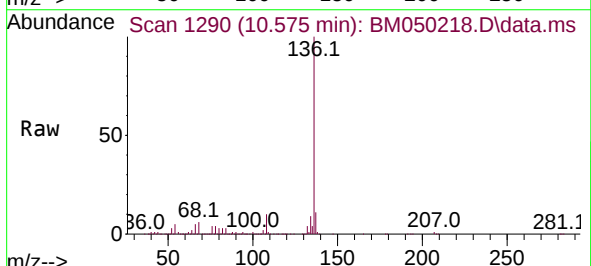
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-03

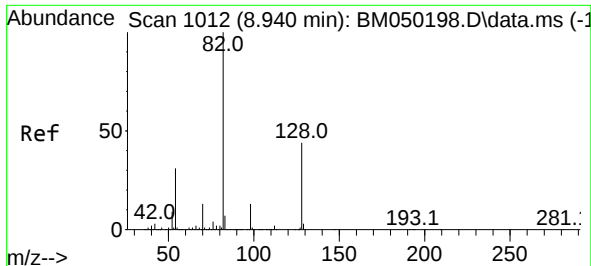
Tgt Ion: 99 Resp: 2475179
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 32.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050218.D
Acq: 06 Jun 2025 17:25

Tgt Ion: 136 Resp: 1099962
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.4 3.8 5.8
68 6.1 4.9 7.3

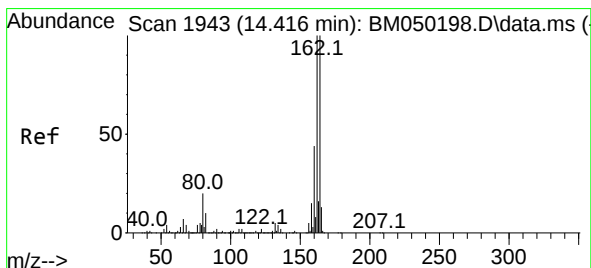
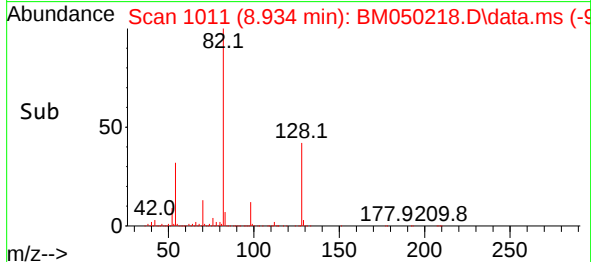
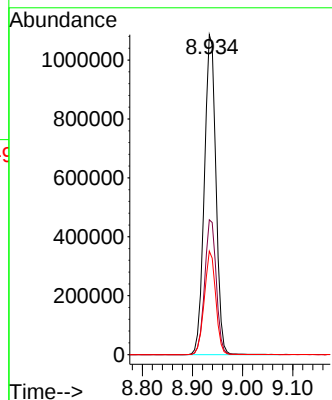
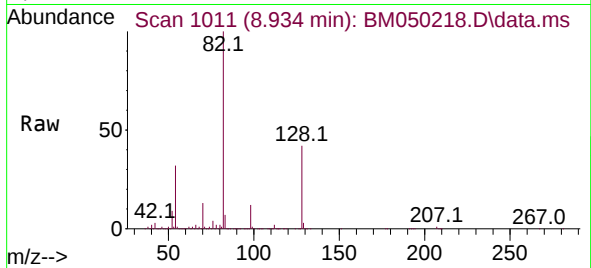




#23
Nitrobenzene-d5
Concen: 82.542 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050218.D
Acq: 06 Jun 2025 17:25

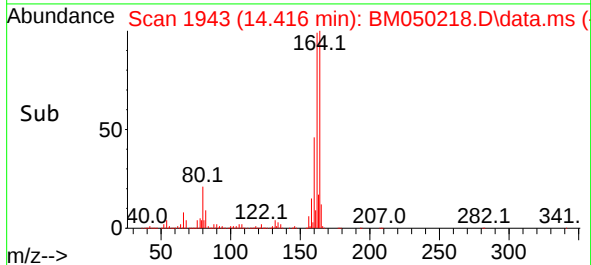
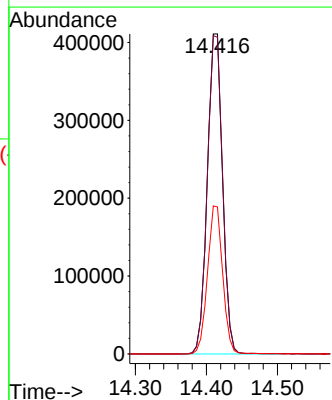
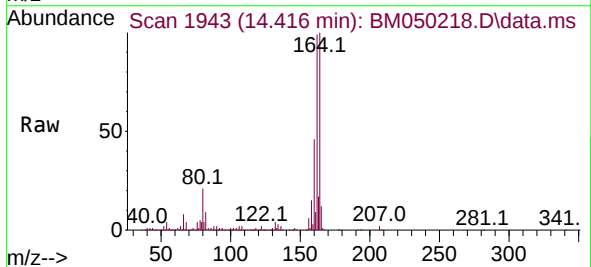
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-03

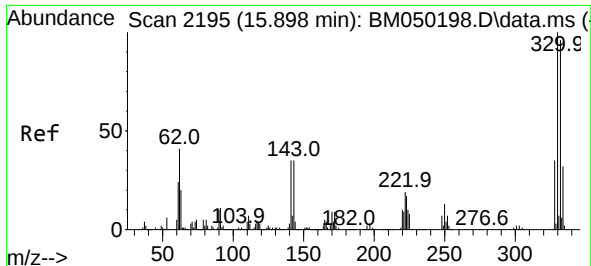
Tgt Ion: 82 Resp: 1745755
Ion Ratio Lower Upper
82 100
128 42.1 35.2 52.8
54 32.3 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050218.D
Acq: 06 Jun 2025 17:25

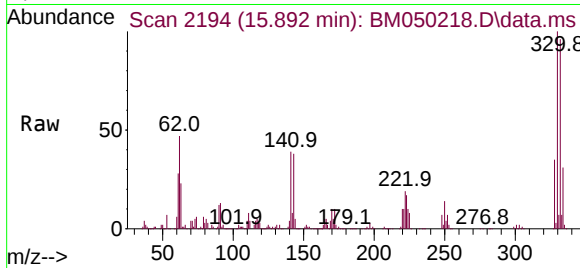
Tgt Ion:164 Resp: 607744
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.4
160 45.9 35.7 53.5



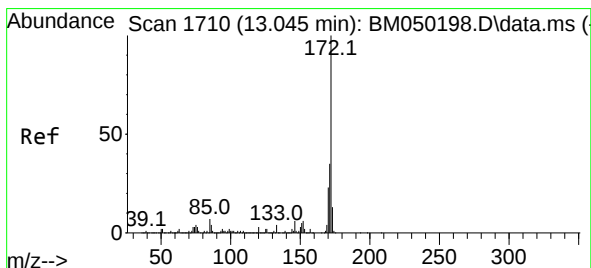
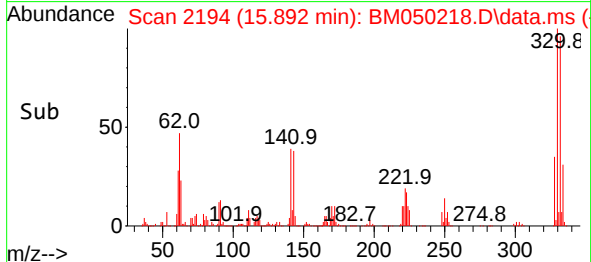
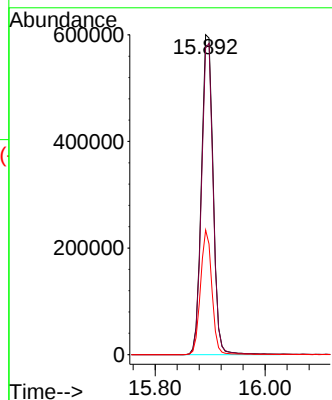


#42
2,4,6-Tribromophenol
Concen: 128.317 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050218.D
Acq: 06 Jun 2025 17:25

Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-03

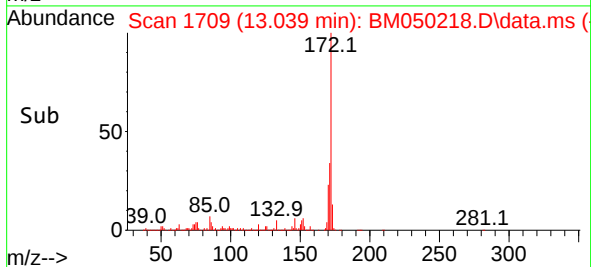
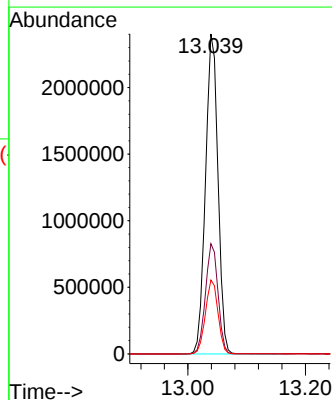
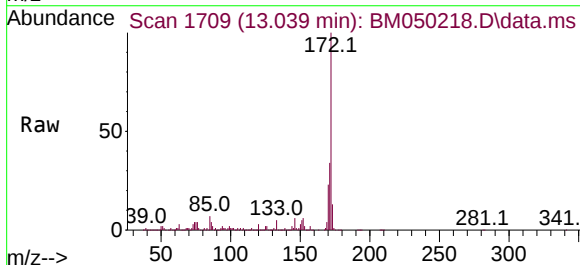


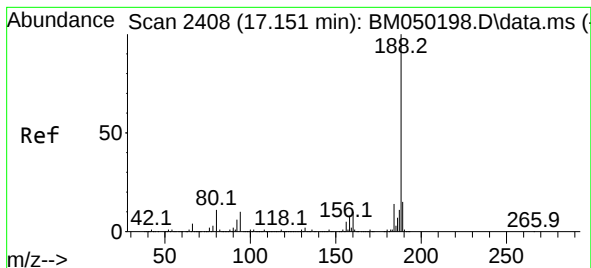
Tgt Ion:330 Resp: 887009
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 37.8 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.848 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050218.D
Acq: 06 Jun 2025 17:25

Tgt Ion:172 Resp: 3539495
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.1 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: BM050218.D

Acq: 06 Jun 2025 17:25

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-03

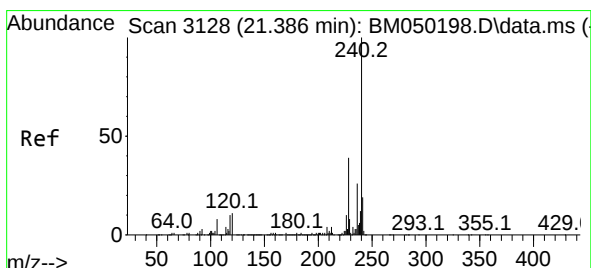
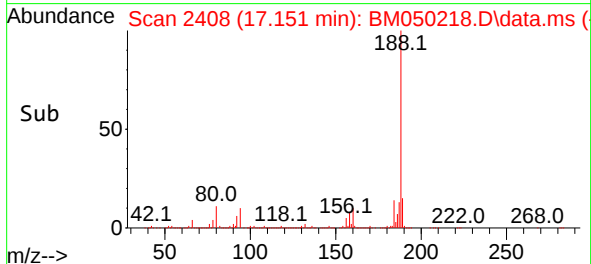
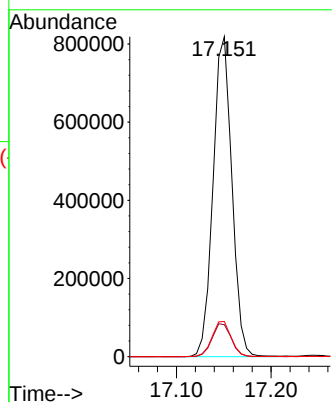
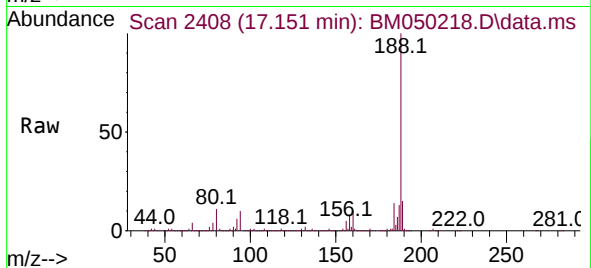
Tgt Ion:188 Resp: 1131114

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

80 11.0 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: BM050218.D

Acq: 06 Jun 2025 17:25

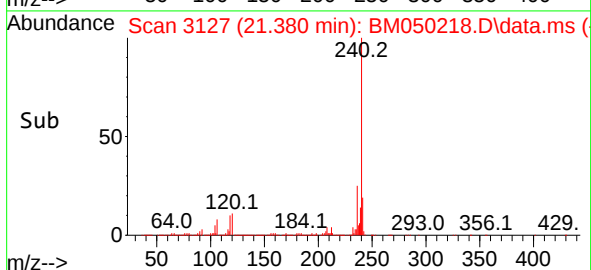
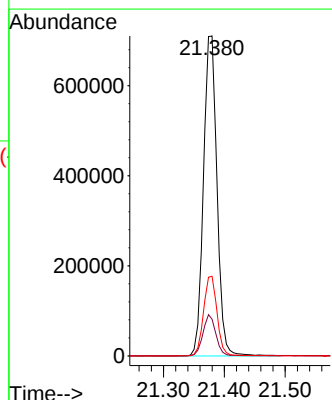
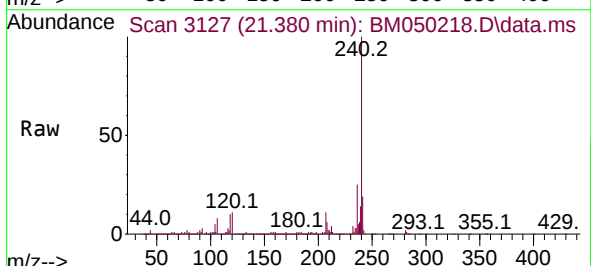
Tgt Ion:240 Resp: 1093214

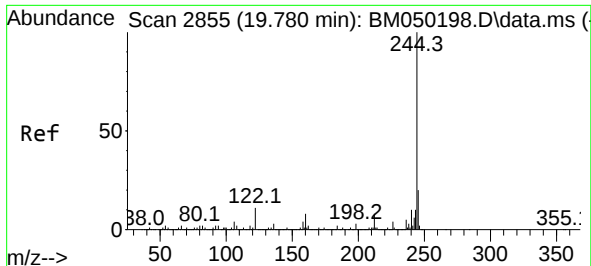
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

236 24.9 20.7 31.1

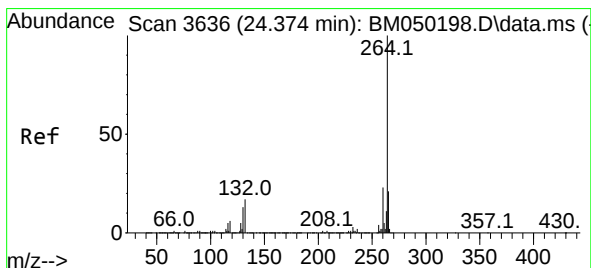
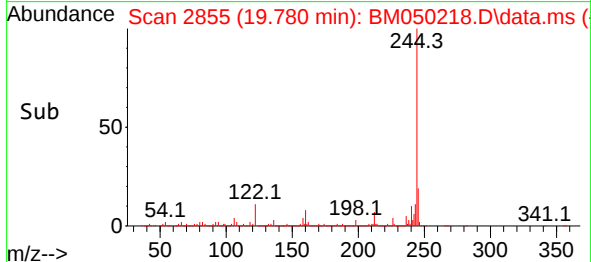
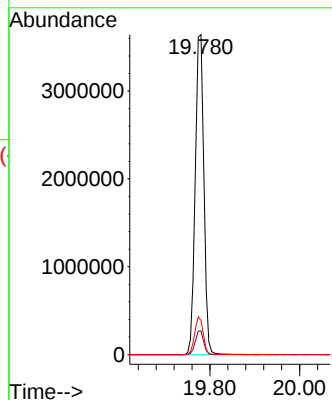
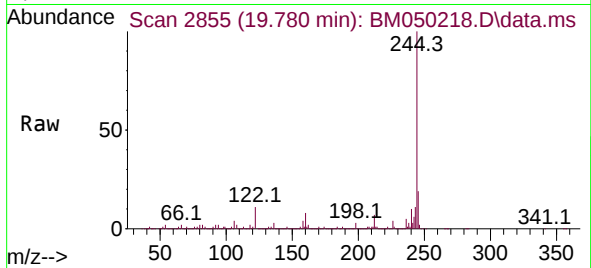




#79
 Terphenyl-d14
 Concen: 84.293 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BM050218.D
 Acq: 06 Jun 2025 17:25

Instrument :
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Tgt Ion:244 Resp: 4862749
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.362 min Scan# 3634
 Delta R.T. -0.012 min
 Lab File: BM050218.D
 Acq: 06 Jun 2025 17:25

Tgt Ion:264 Resp: 1163739
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 21.1 16.8 25.2

