

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050221.D
 Acq On : 06 Jun 2025 19:24
 Operator : RC/JU
 Sample : Q2208-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-06

Quant Time: Jun 07 01:20:09 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	7.786	152	315233	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1194298	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	649912	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1181791	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1154326	20.000	ng	0.00
86) Perylene-d12	24.368	264	1223063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2584193	136.750	ng	0.00
7) Phenol-d6	6.951	99	3158699	126.975	ng	0.00
23) Nitrobenzene-d5	8.939	82	1891887	82.386	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	991069	134.068	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3788338	78.916	ng	-0.01
79) Terphenyl-d14	19.780	244	5214161	85.599	ng	0.00

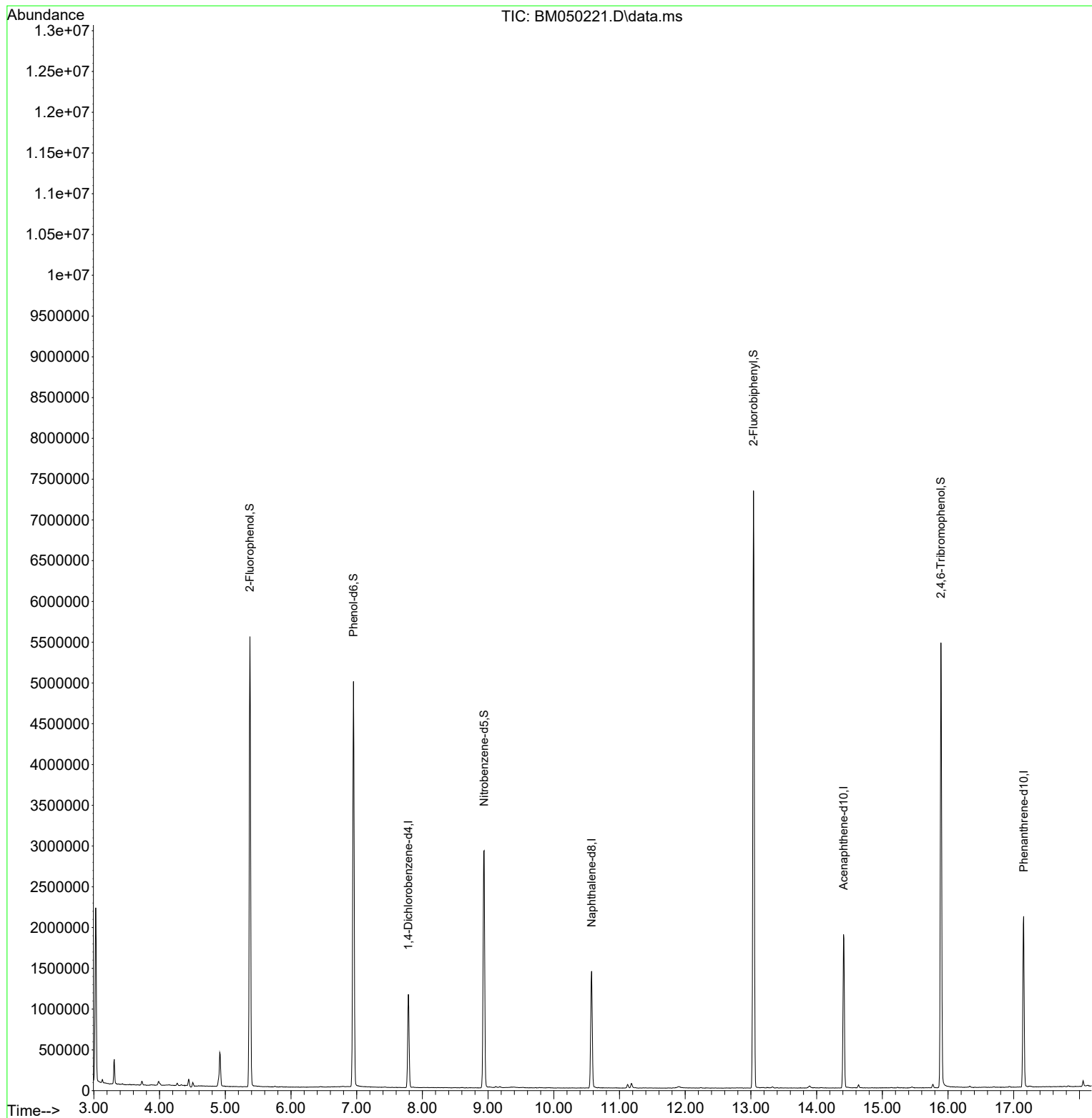
Target Compounds	Qvalue

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

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ALS Vial : 17 Sample Multiplier: 1

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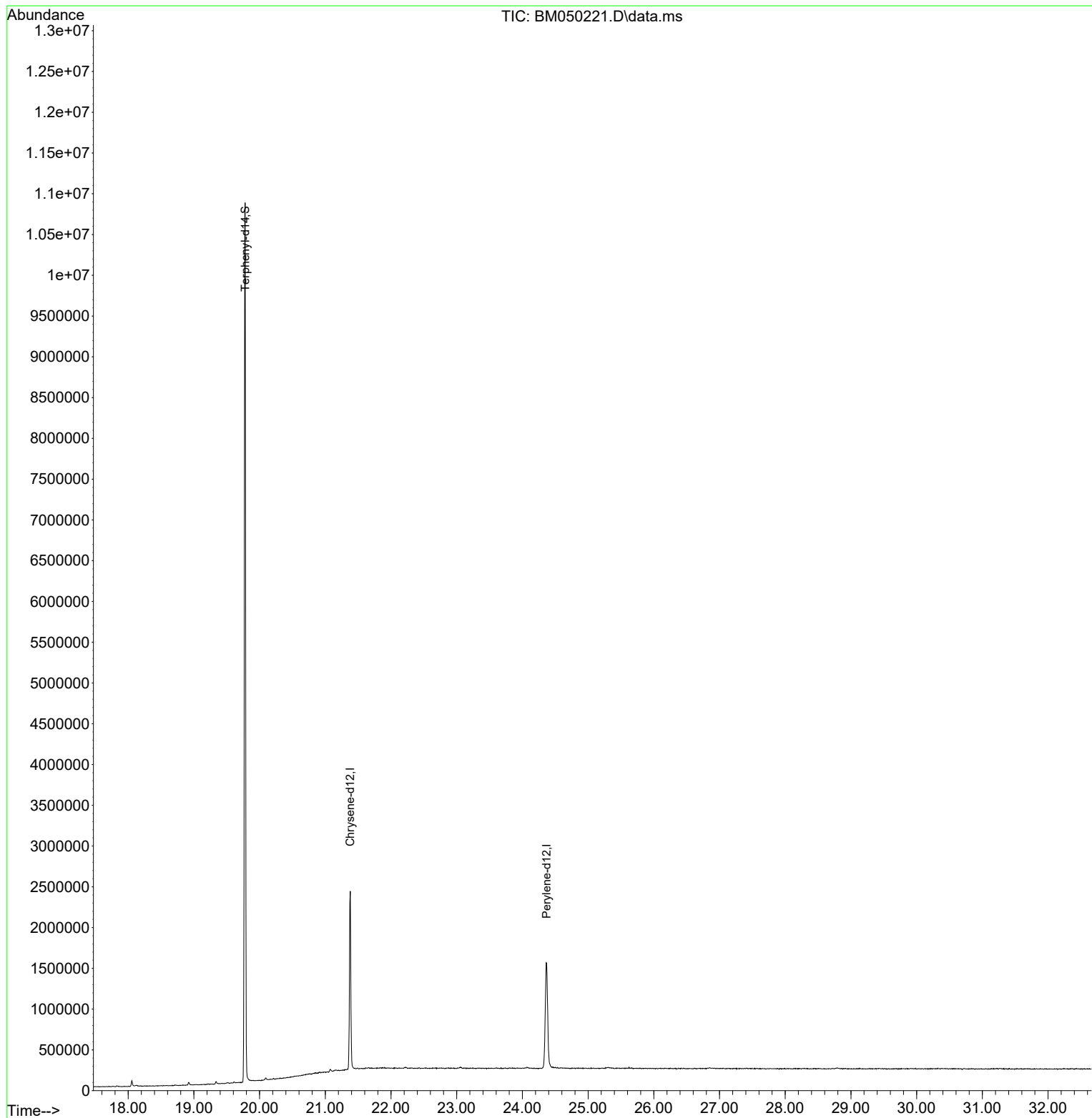
Quant Time: Jun 07 01:20:09 2025
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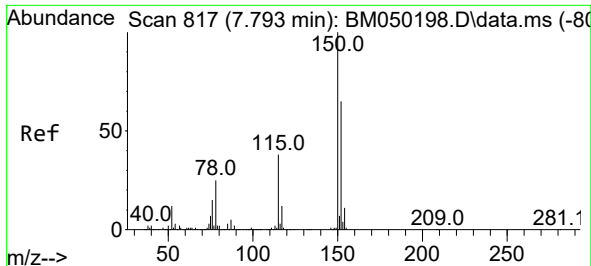


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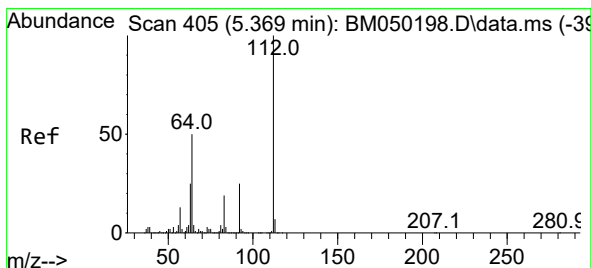
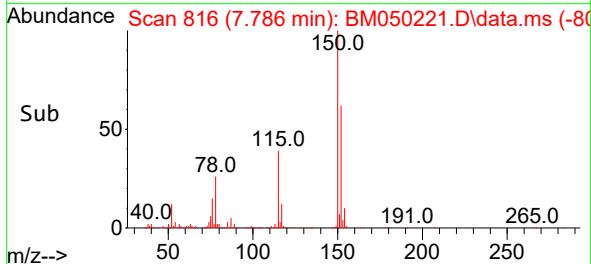
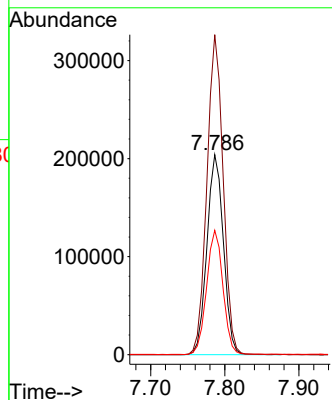
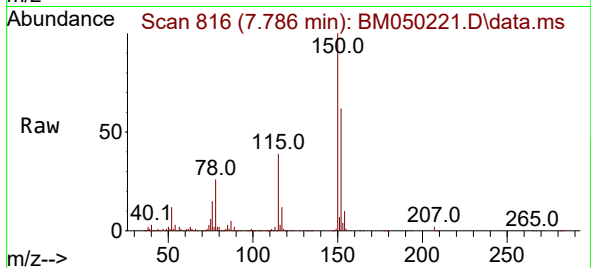




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 817
Delta R.T. -0.007 min
Lab File: BM050221.D
Acq: 06 Jun 2025 19:24

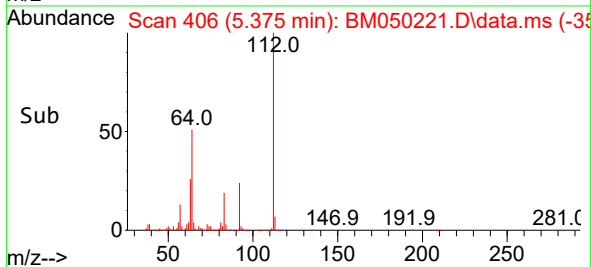
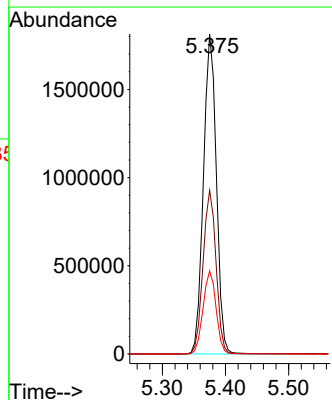
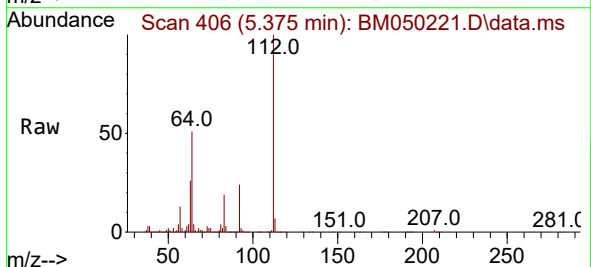
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-06

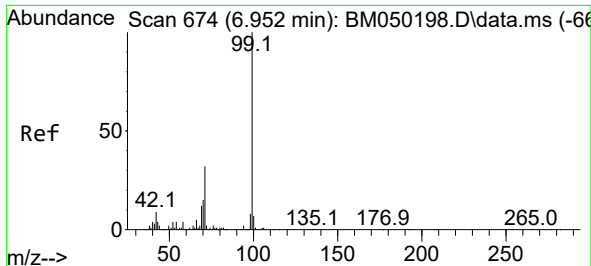
Tgt Ion:152 Resp: 315233
Ion Ratio Lower Upper
152 100
150 160.0 122.2 183.4
115 62.2 46.3 69.5



#5
2-Fluorophenol
Concen: 136.750 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050221.D
Acq: 06 Jun 2025 19:24

Tgt Ion:112 Resp: 2584193
Ion Ratio Lower Upper
112 100
64 51.1 39.8 59.6
63 25.9 19.8 29.8

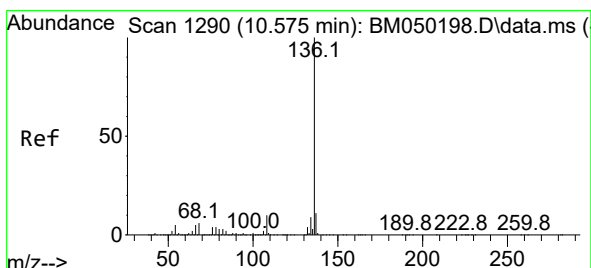
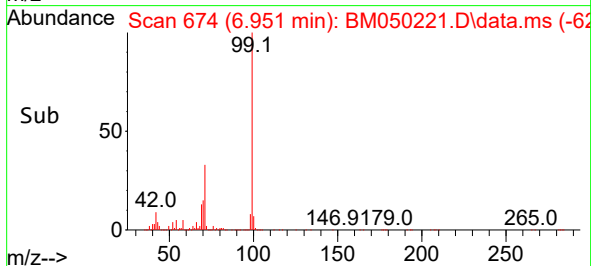
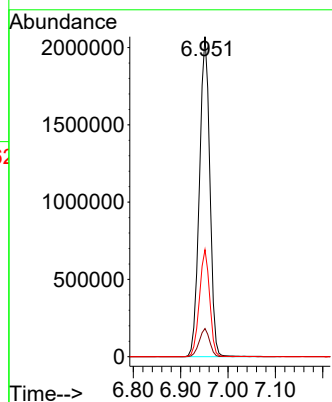
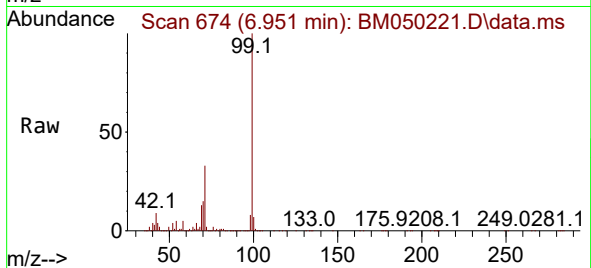




#7
Phenol-d6
Concen: 126.975 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050221.D
Acq: 06 Jun 2025 19:24

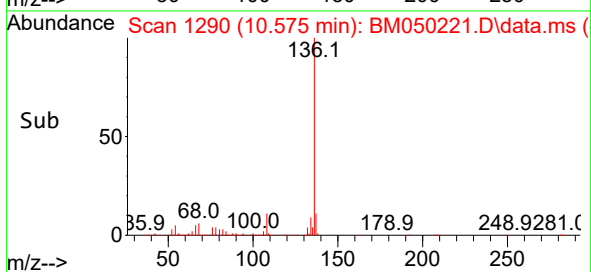
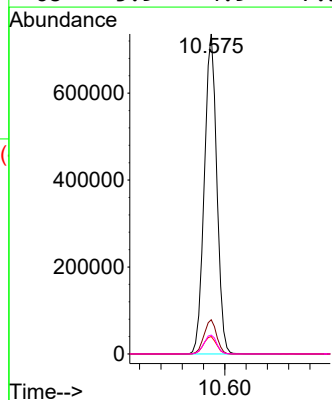
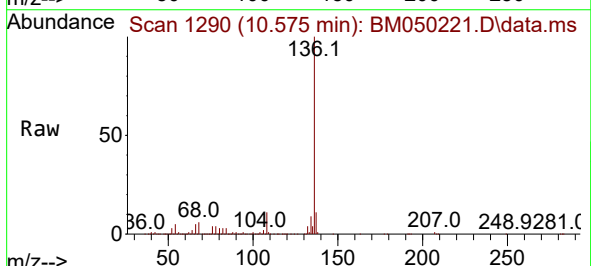
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-06

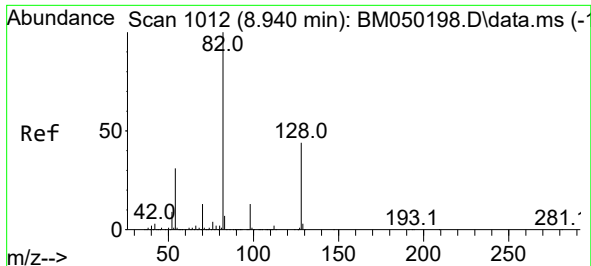
Tgt Ion: 99 Resp: 3158699
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 33.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050221.D
Acq: 06 Jun 2025 19:24

Tgt Ion: 136 Resp: 1194298
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.5 3.8 5.8
68 5.9 4.9 7.3

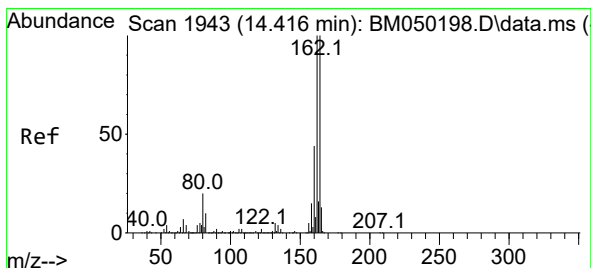
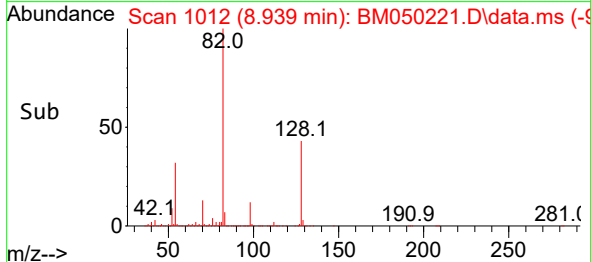
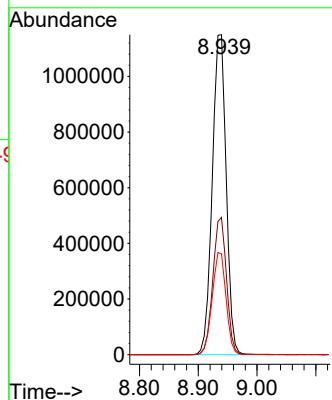
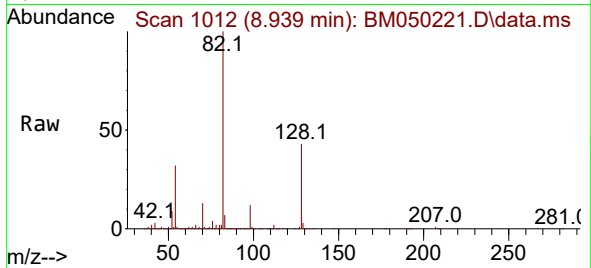




#23
Nitrobenzene-d5
Concen: 82.386 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050221.D
Acq: 06 Jun 2025 19:24

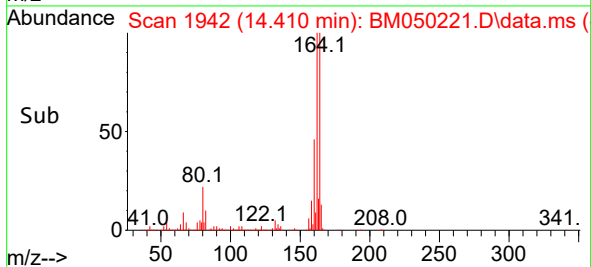
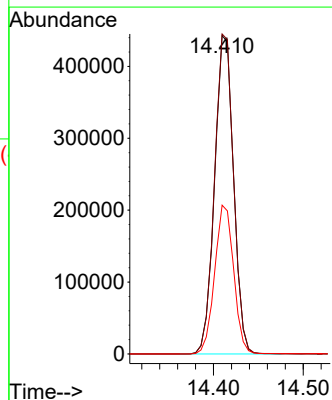
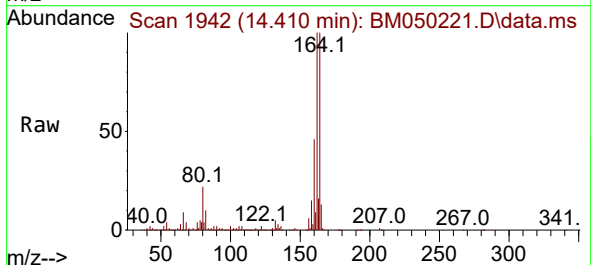
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-06

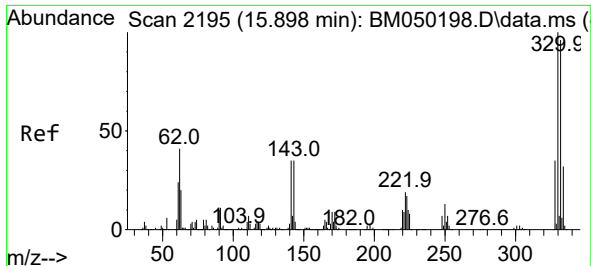
Tgt Ion: 82 Resp: 1891887
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 31.6 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050221.D
Acq: 06 Jun 2025 19:24

Tgt Ion:164 Resp: 649912
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.4
160 46.7 35.7 53.5

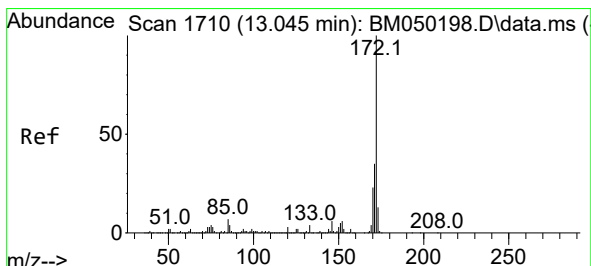
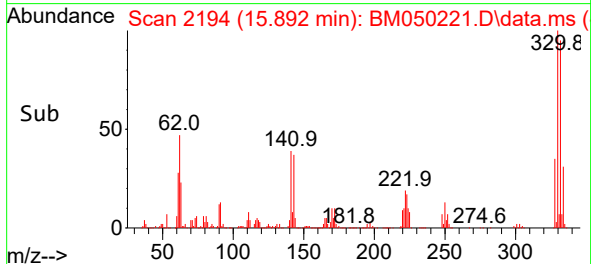
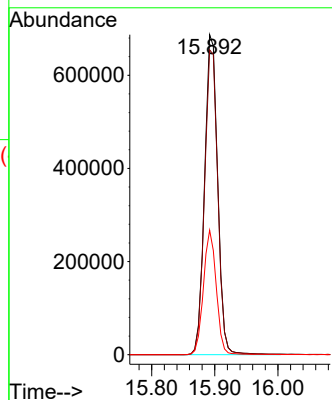
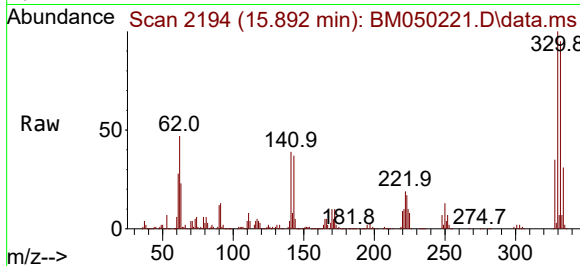




#42
2,4,6-Tribromophenol
Concen: 134.068 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050221.D
Acq: 06 Jun 2025 19:24

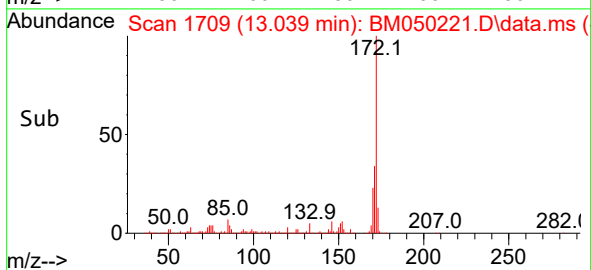
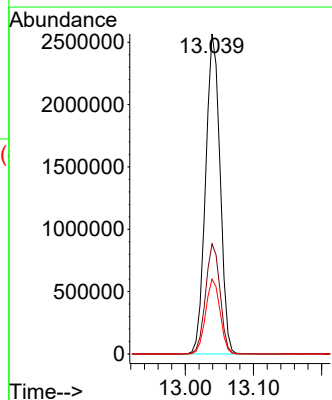
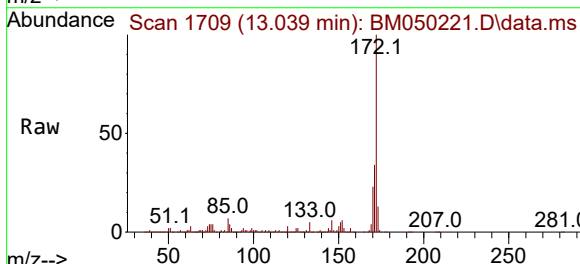
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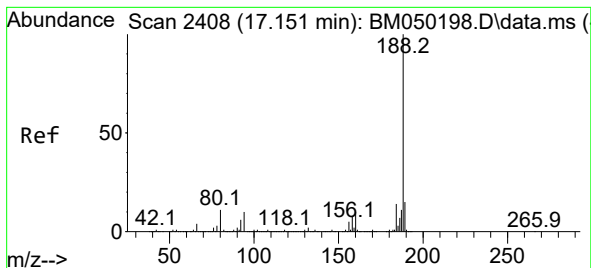
Tgt Ion:330 Resp: 991069
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 38.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.916 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050221.D
Acq: 06 Jun 2025 19:24

Tgt Ion:172 Resp: 3788338
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM050221.D

Acq: 06 Jun 2025 19:24

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-06

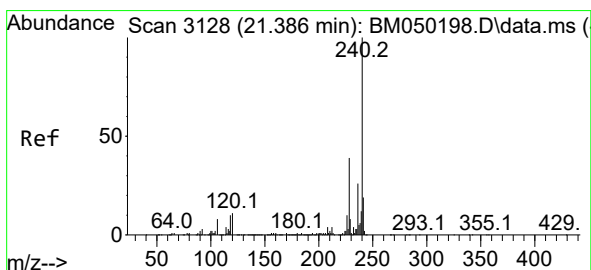
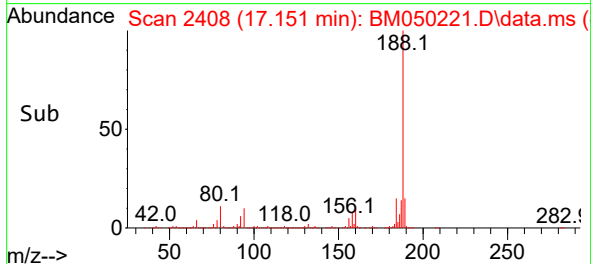
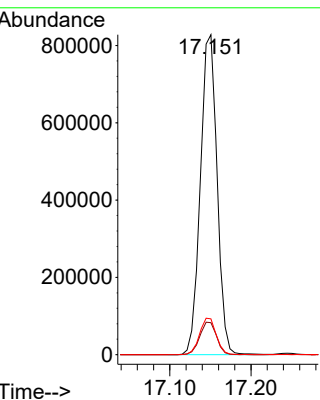
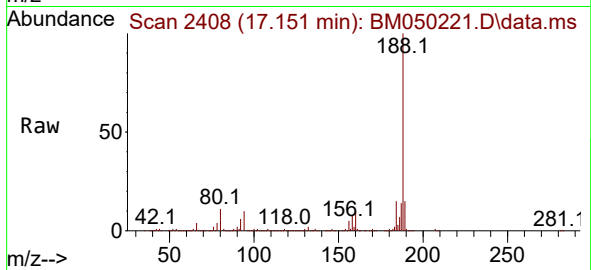
Tgt Ion:188 Resp: 1181791

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

80 11.2 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: BM050221.D

Acq: 06 Jun 2025 19:24

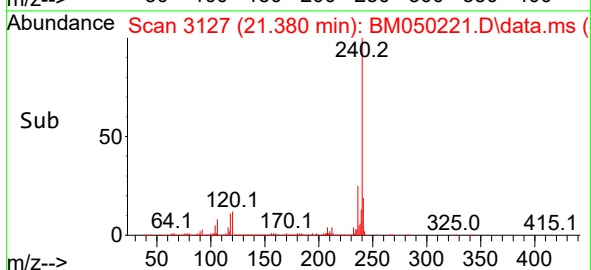
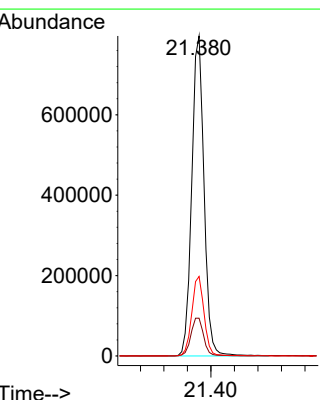
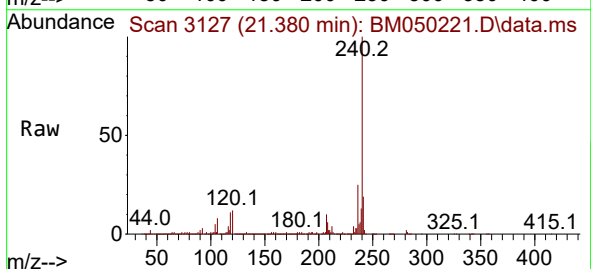
Tgt Ion:240 Resp: 1154326

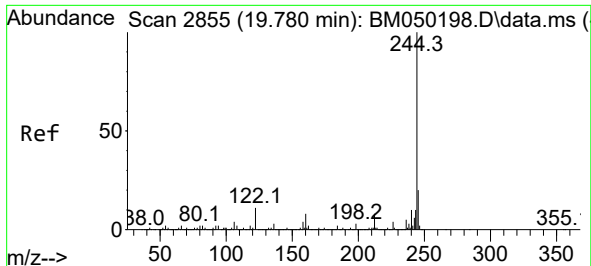
Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

236 24.8 20.7 31.1

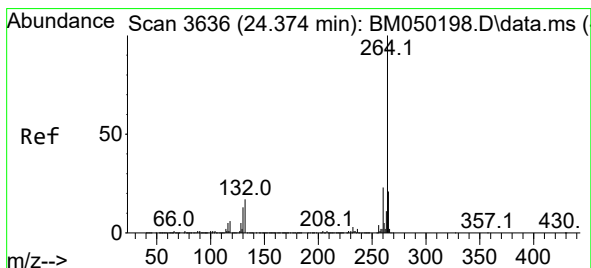
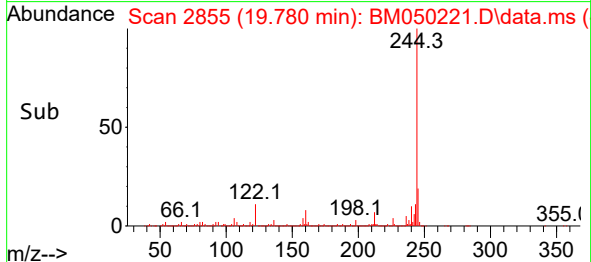
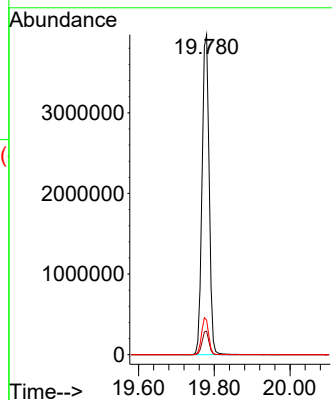
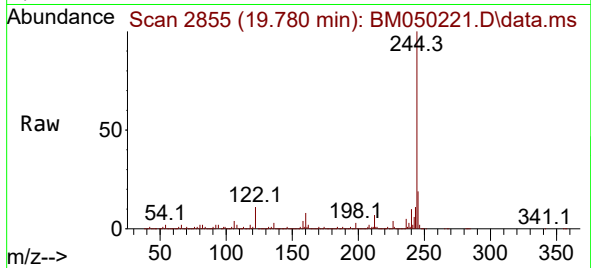




#79
 Terphenyl-d14
 Concen: 85.599 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BM050221.D
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Instrument :
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 BU-703-COMP-06

Tgt Ion:244 Resp: 5214161
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.8 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: BM050221.D
 Acq: 06 Jun 2025 19:24

Tgt Ion:264 Resp: 1223063
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 22.0 16.8 25.2

