

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050257.D
Acq On : 10 Jun 2025 00:54
Operator : RC/JU
Sample : Q2241-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-N

Quant Time: Jun 10 02:45:47 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	7.769	152	341683	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1294464	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	727849	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1368430	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1266156	20.000	ng	-0.01
86) Perylene-d12	24.339	264	1292650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2659752	129.853	ng	0.00
7) Phenol-d6	6.934	99	3007408	111.535	ng	0.00
23) Nitrobenzene-d5	8.916	82	2141465	86.038	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1157919	139.866	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4317303	80.305	ng	0.00
79) Terphenyl-d14	19.762	244	5527795	82.733	ng	0.00

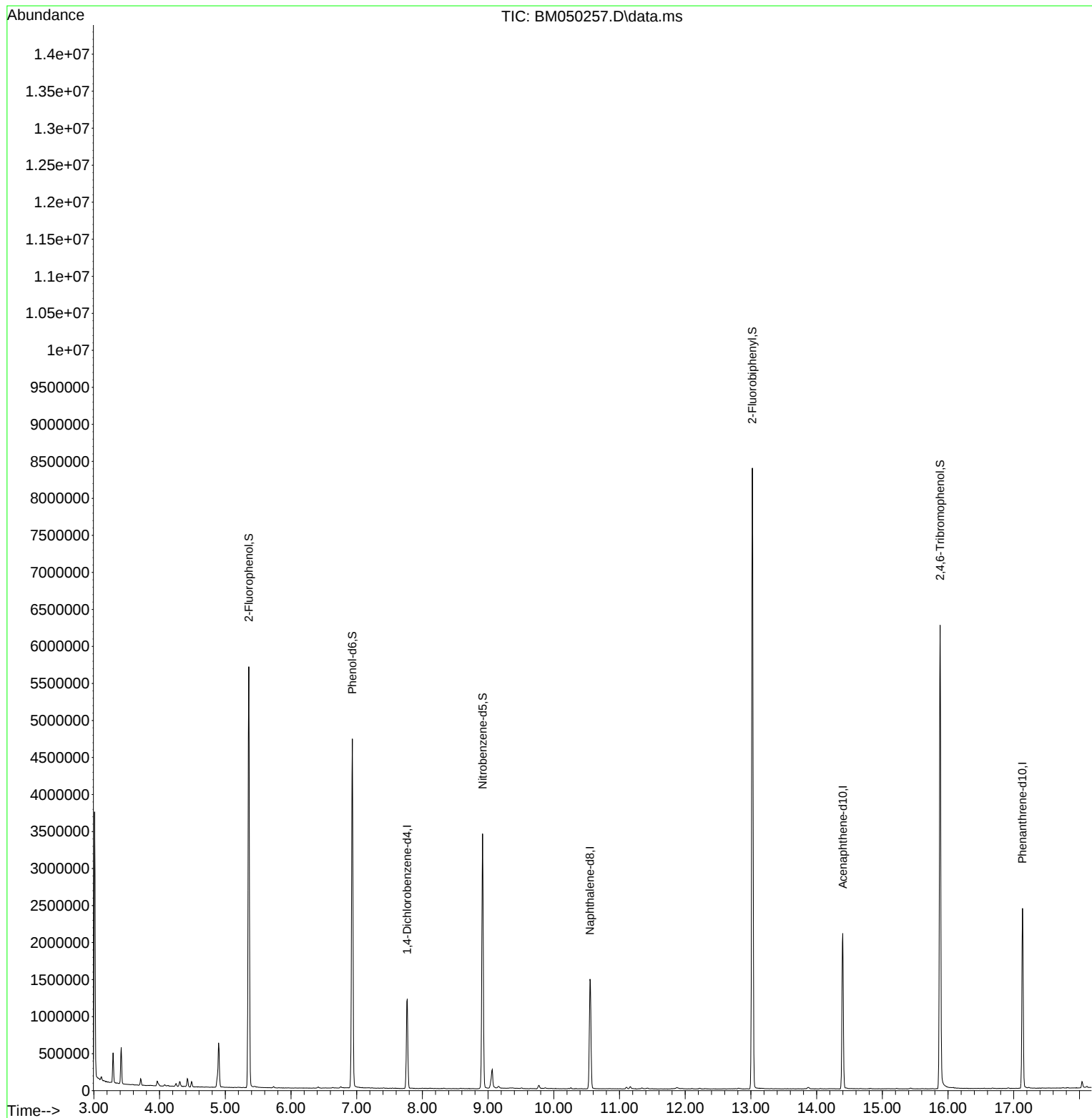
Target Compounds	Qvalue

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

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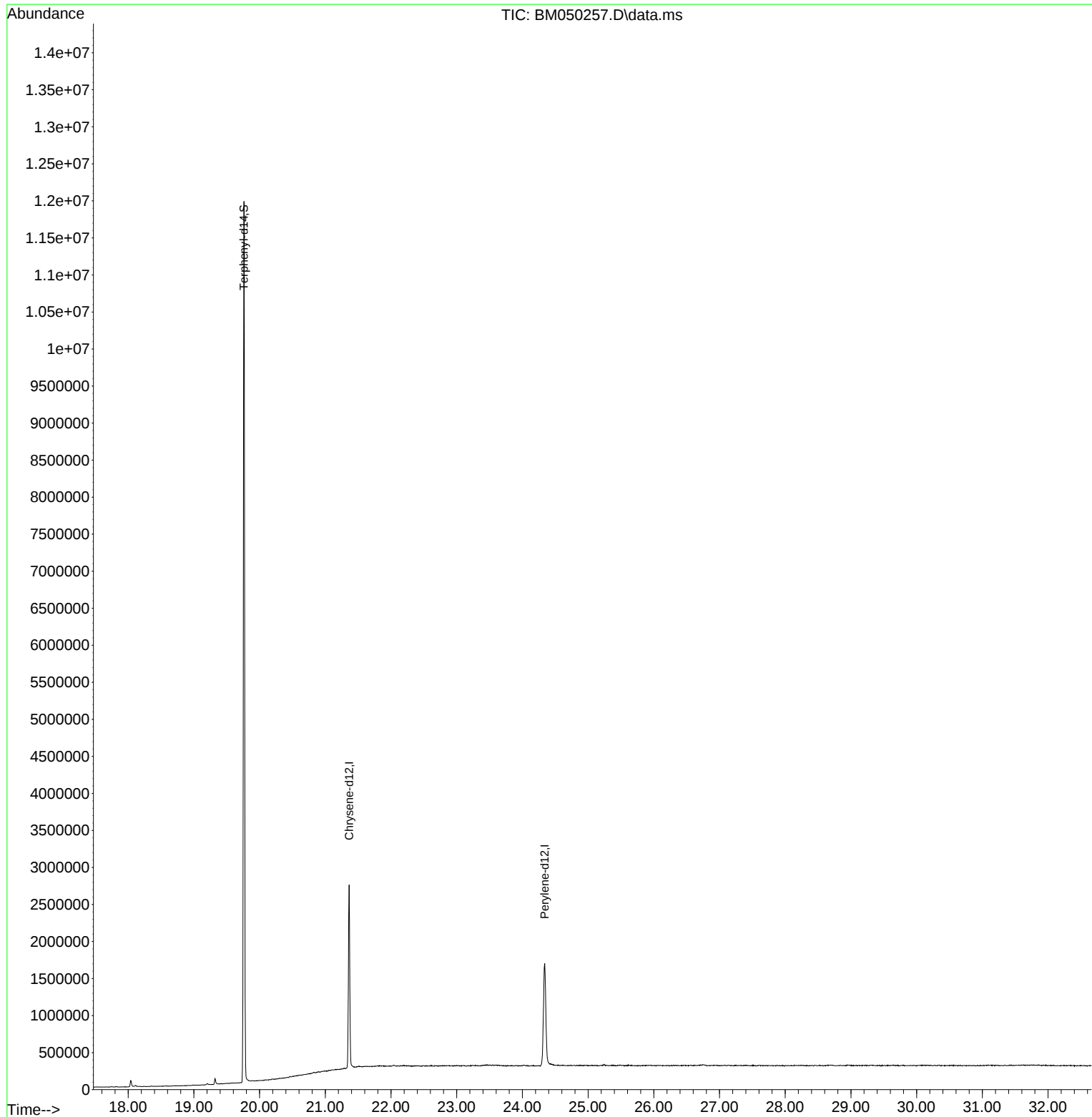
Quant Time: Jun 10 02:45:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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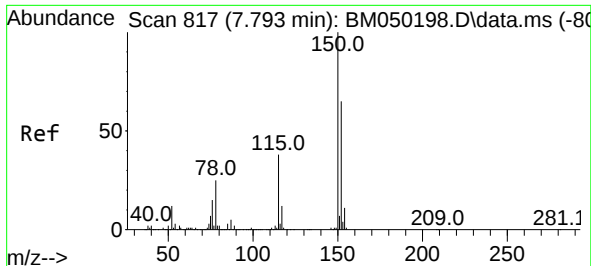


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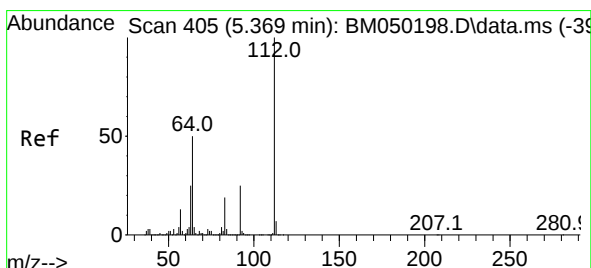
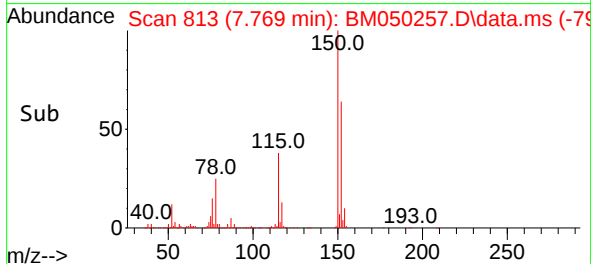
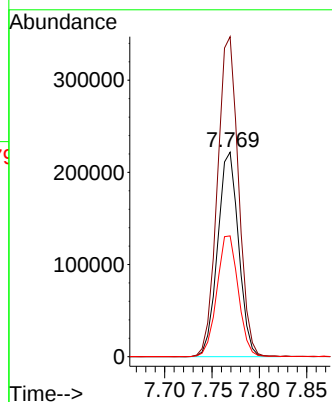
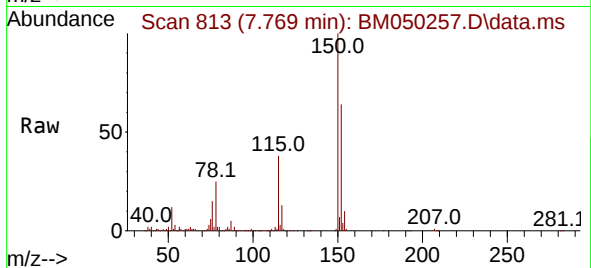




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050257.D
Acq: 10 Jun 2025 00:54

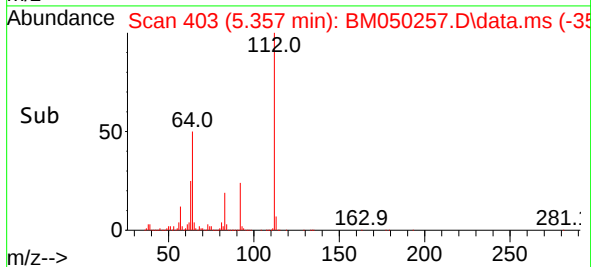
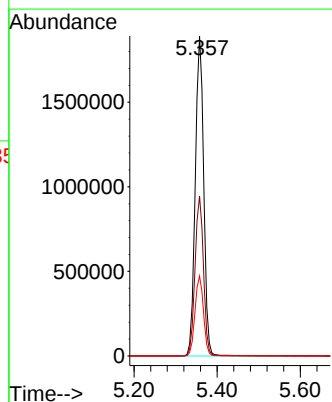
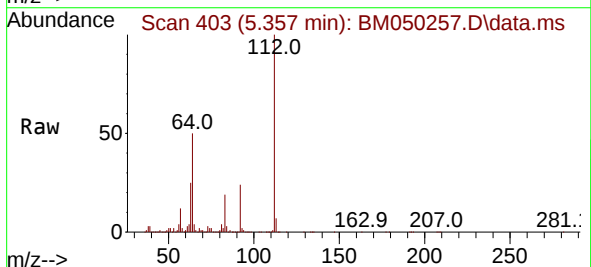
Instrument :
BNA_M
ClientSampleId :
TP-N

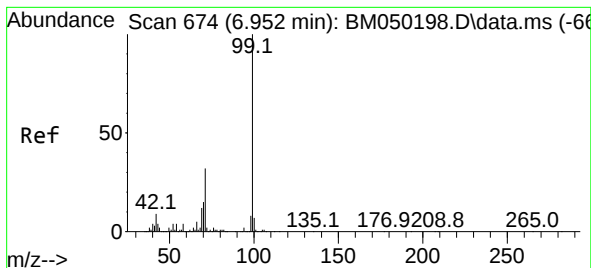
Tgt Ion:152 Resp: 341683
Ion Ratio Lower Upper
152 100
150 156.5 122.2 183.4
115 59.1 46.3 69.5



#5
2-Fluorophenol
Concen: 129.853 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050257.D
Acq: 10 Jun 2025 00:54

Tgt Ion:112 Resp: 2659752
Ion Ratio Lower Upper
112 100
64 50.0 39.8 59.6
63 25.0 19.8 29.8





#7

Phenol-d6

Concen: 111.535 ng

RT: 6.934 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM050257.D

Acq: 10 Jun 2025 00:54

Instrument :

BNA_M

ClientSampleId :

TP-N

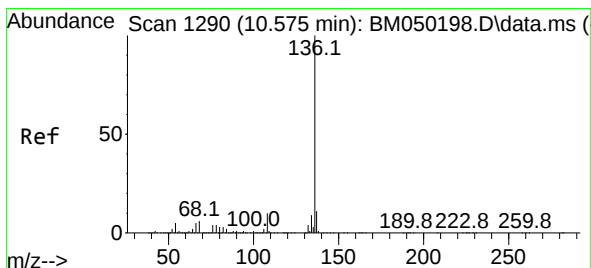
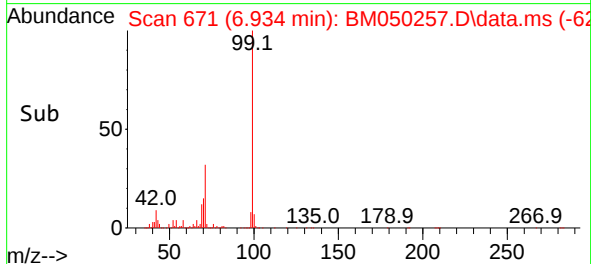
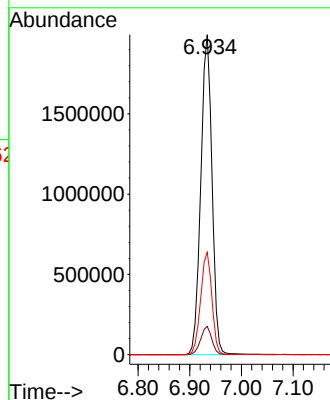
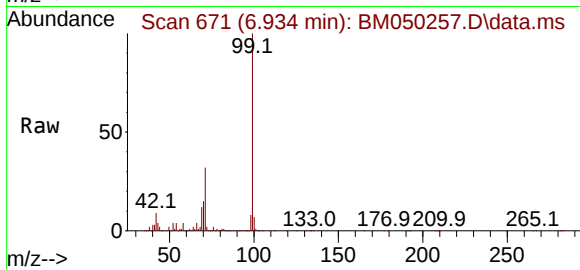
Tgt Ion: 99 Resp: 3007408

Ion Ratio Lower Upper

99 100

42 8.8 6.9 10.3

71 32.0 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.551 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BM050257.D

Acq: 10 Jun 2025 00:54

Tgt Ion:136 Resp: 1294464

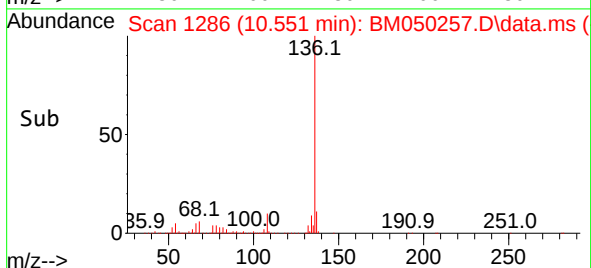
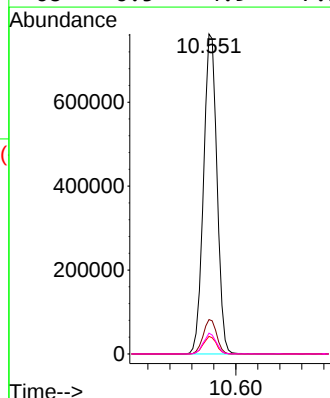
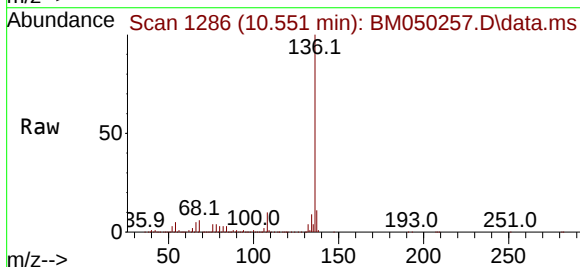
Ion Ratio Lower Upper

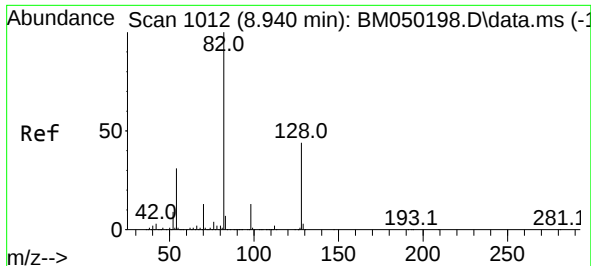
136 100

137 10.7 8.6 13.0

54 5.5 3.8 5.8

68 6.5 4.9 7.3

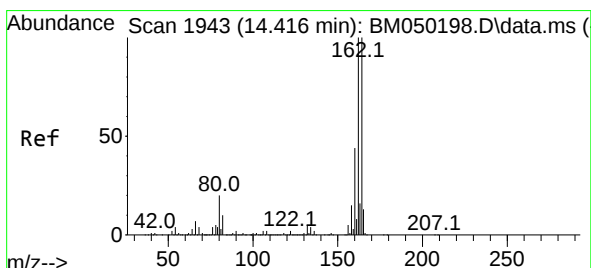
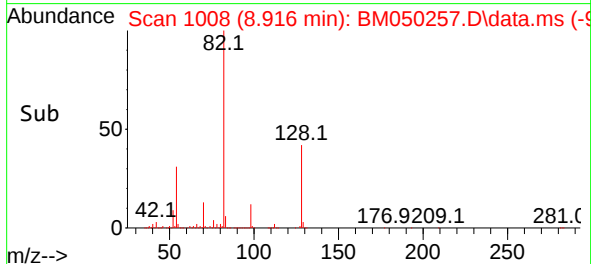
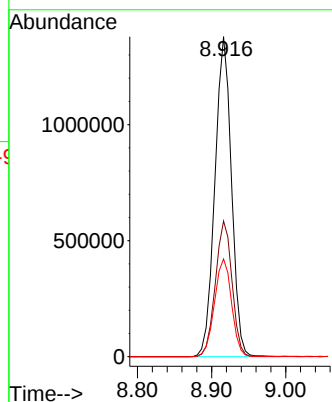
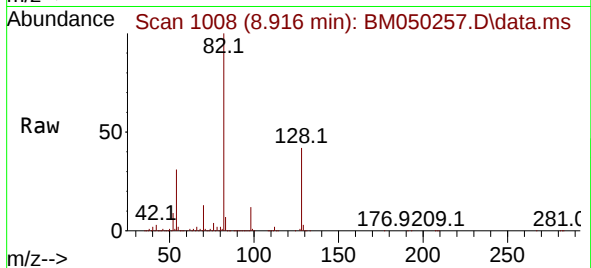




#23
Nitrobenzene-d5
Concen: 86.038 ng
RT: 8.916 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM050257.D
Acq: 10 Jun 2025 00:54

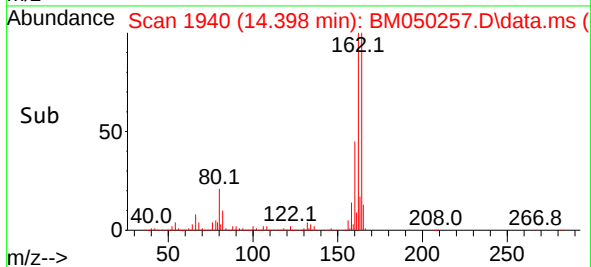
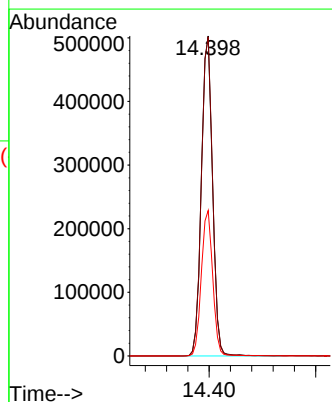
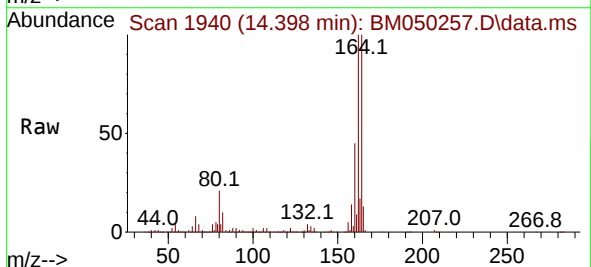
Instrument :
BNA_M
ClientSampleId :
TP-N

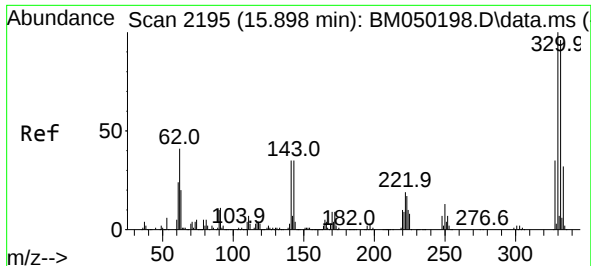
Tgt Ion: 82 Resp: 2141465
Ion Ratio Lower Upper
82 100
128 42.4 35.2 52.8
54 30.6 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050257.D
Acq: 10 Jun 2025 00:54

Tgt Ion: 164 Resp: 727849
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.4
160 45.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 139.866 ng

RT: 15.880 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050257.D

Acq: 10 Jun 2025 00:54

Instrument :

BNA_M

ClientSampleId :

TP-N

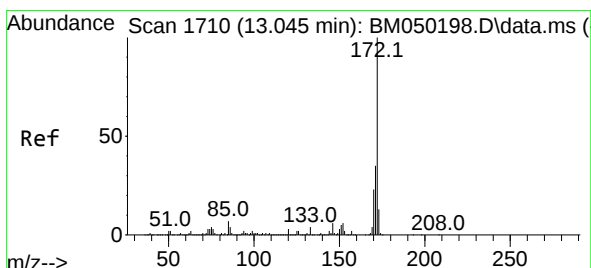
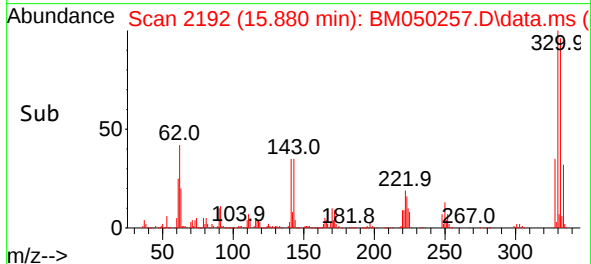
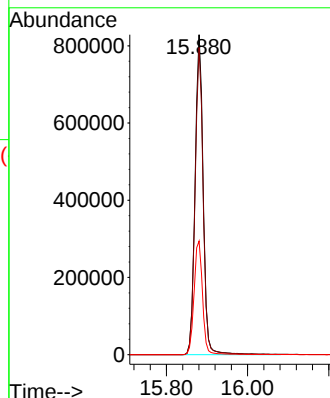
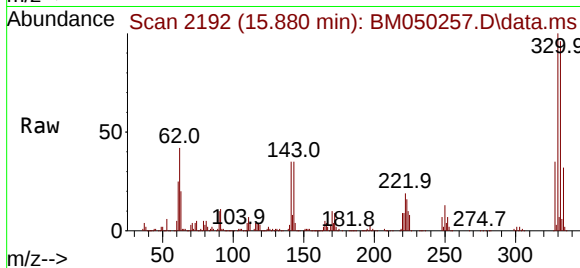
Tgt Ion:330 Resp: 1157919

Ion Ratio Lower Upper

330 100

332 95.6 77.5 116.3

141 37.0 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 80.305 ng

RT: 13.022 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BM050257.D

Acq: 10 Jun 2025 00:54

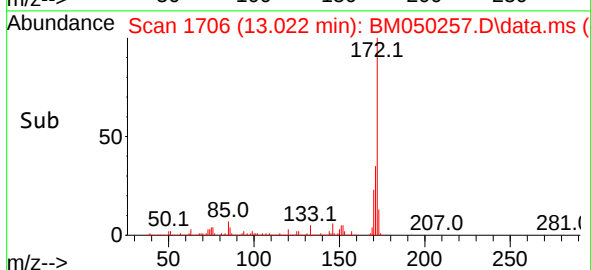
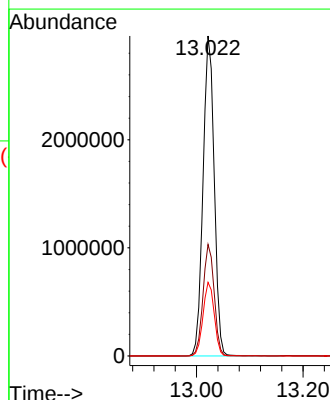
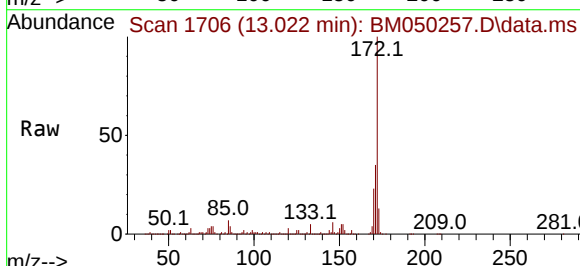
Tgt Ion:172 Resp: 4317303

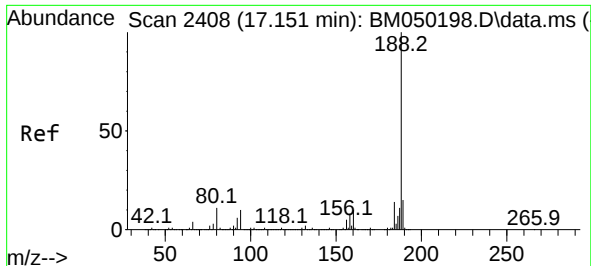
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.0 18.6 27.8

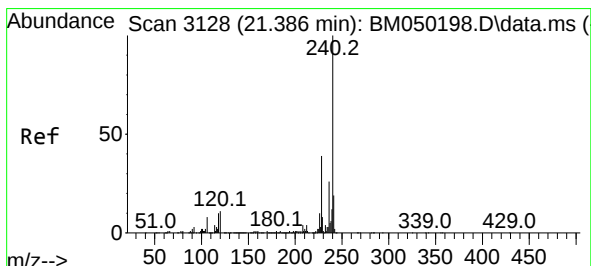
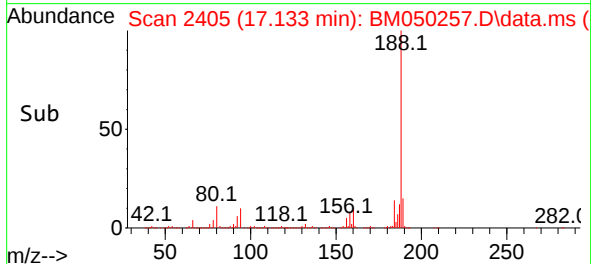
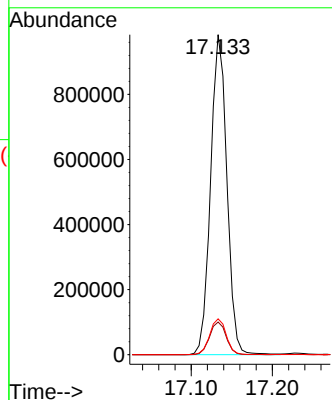
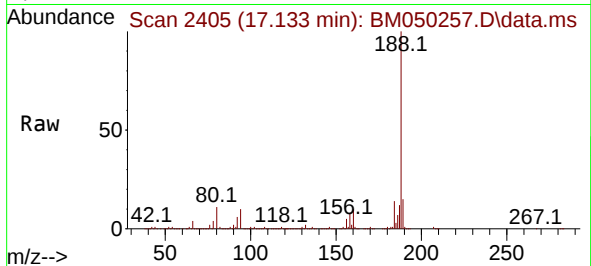




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050257.D
Acq: 10 Jun 2025 00:54

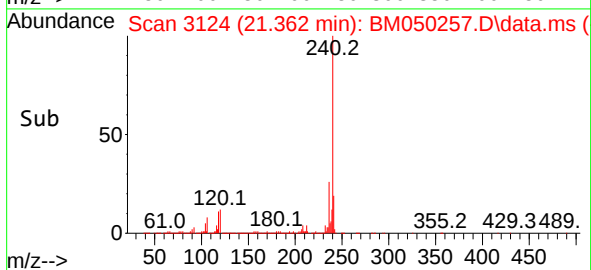
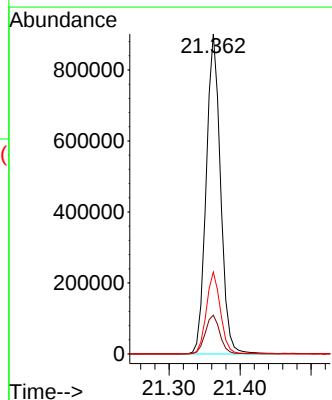
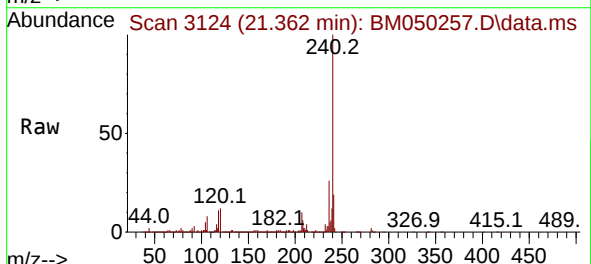
Instrument :
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ClientSampleId :
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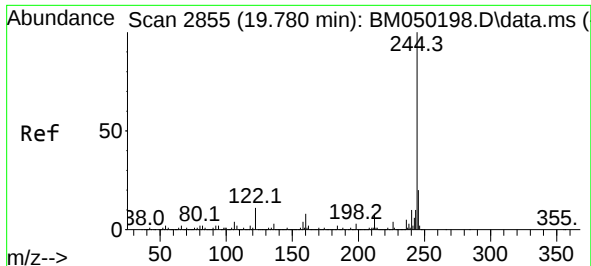
Tgt Ion:188 Resp: 1368430
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050257.D
Acq: 10 Jun 2025 00:54

Tgt Ion:240 Resp: 1266156
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.4
236 25.6 20.7 31.1

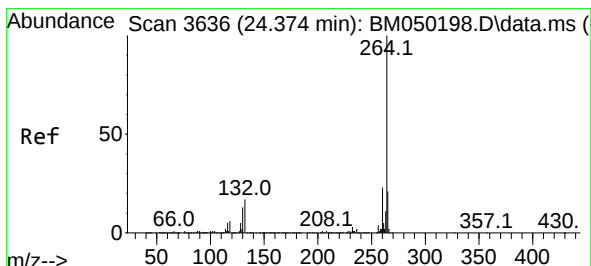
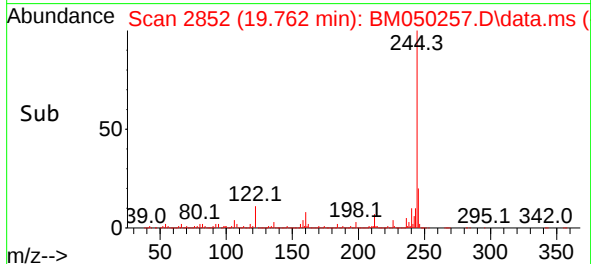
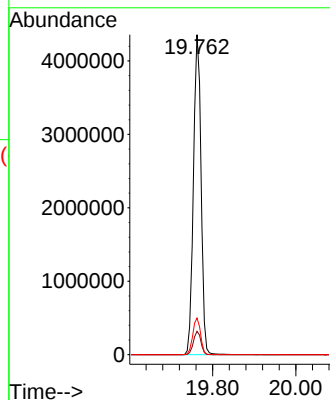
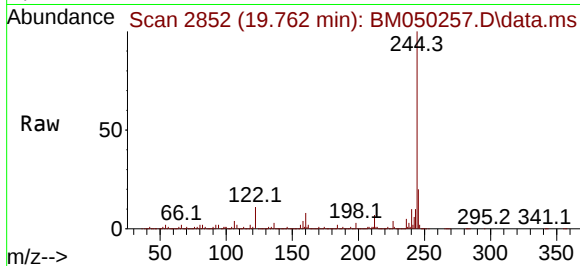




#79
 Terphenyl-d14
 Concen: 82.733 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050257.D
 Acq: 10 Jun 2025 00:54

Instrument :
 BNA_M
 ClientSampleId :
 TP-N

Tgt Ion:244 Resp: 5527795
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.339 min Scan# 3630
 Delta R.T. -0.006 min
 Lab File: BM050257.D
 Acq: 10 Jun 2025 00:54

Tgt Ion:264 Resp: 1292650
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.2 16.8 25.2

