

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050436.D
 Acq On : 14 Jul 2025 21:34
 Operator : RC/JU
 Sample : PB168728TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168728TB

Quant Time: Jul 15 02:04:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

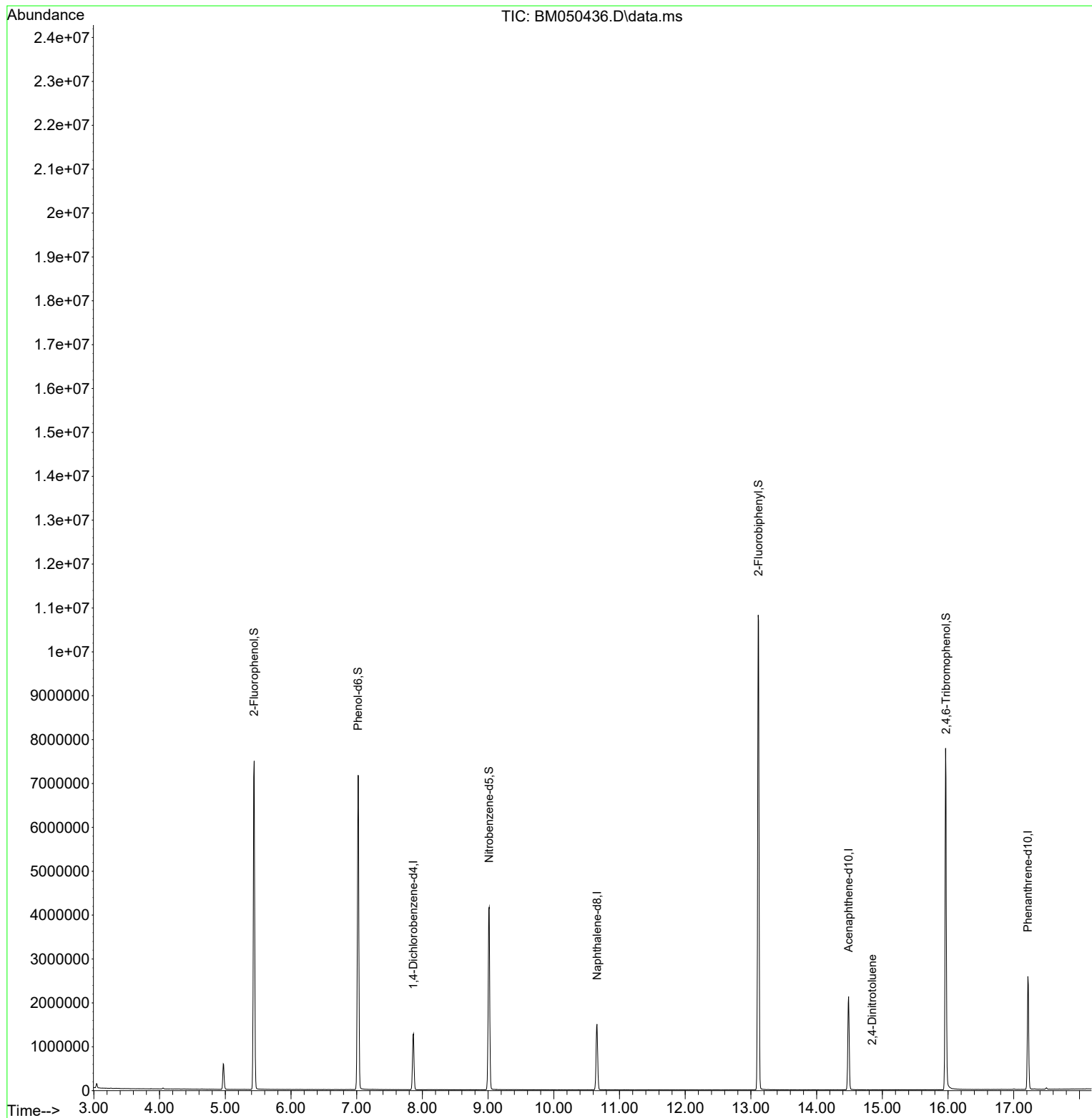
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	354744	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1265655	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	770422	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1489633	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	1465640	20.000	ng	-0.02
86) Perylene-d12	24.468	264	1553412	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3173931	154.008	ng	0.00
7) Phenol-d6	7.022	99	3886308	149.590	ng	0.00
23) Nitrobenzene-d5	9.016	82	2309636	93.101	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1418630	151.552	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5752719	92.212	ng	0.00
79) Terphenyl-d14	19.833	244	9302062	111.669	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	14.845	165	54	2.727	ng	Qvalue # 10

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

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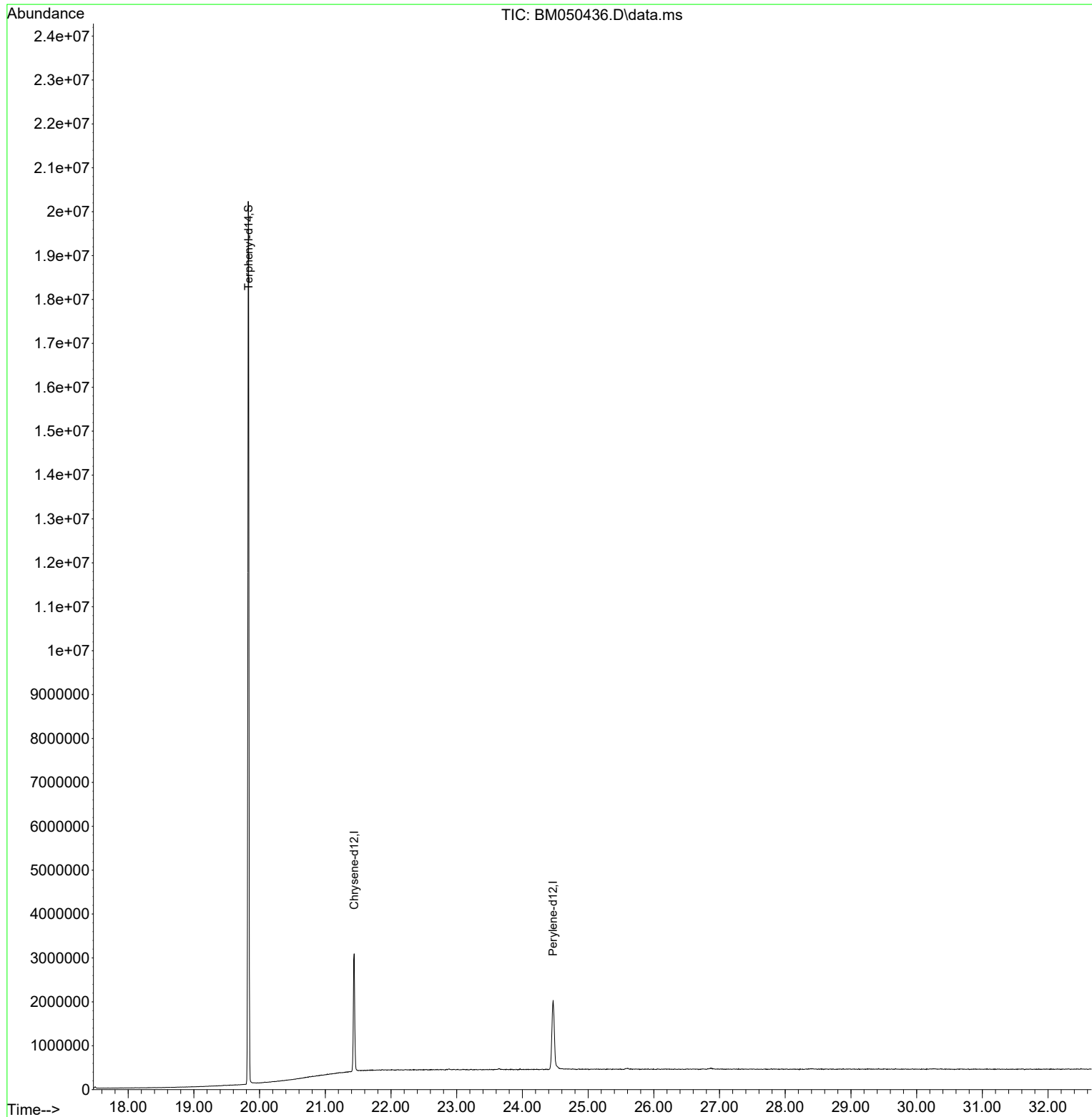
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
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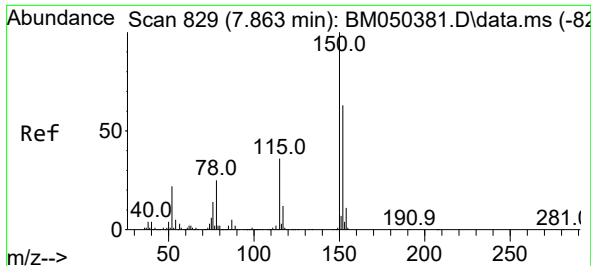


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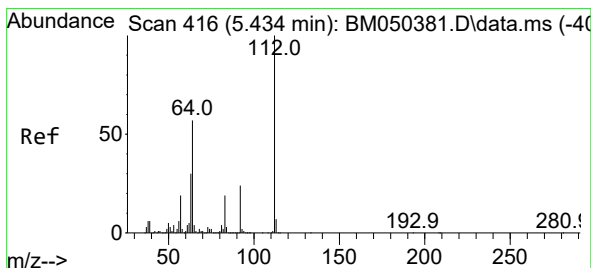
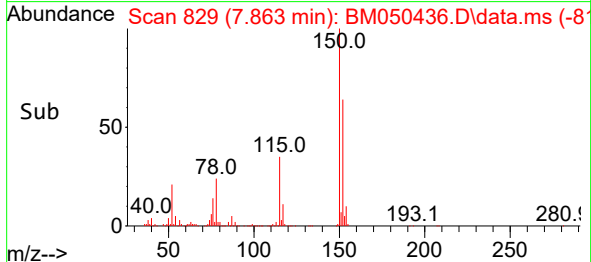
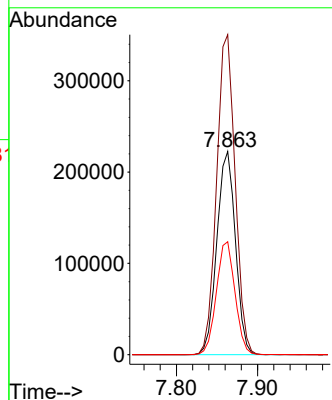
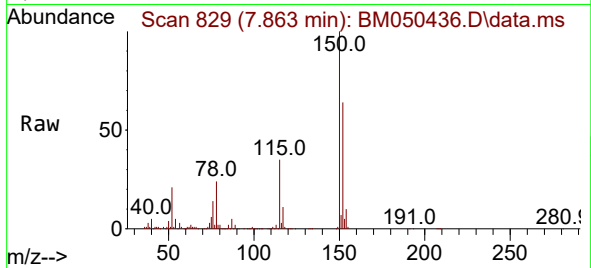




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050436.D
Acq: 14 Jul 2025 21:34

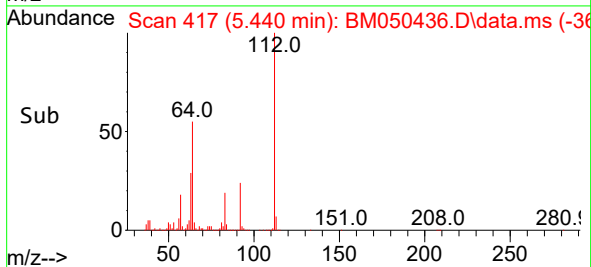
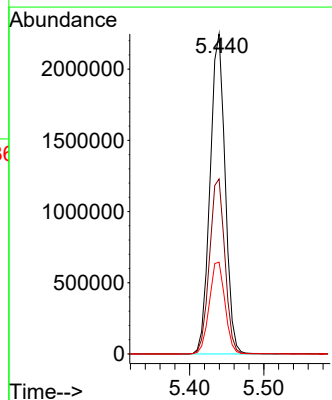
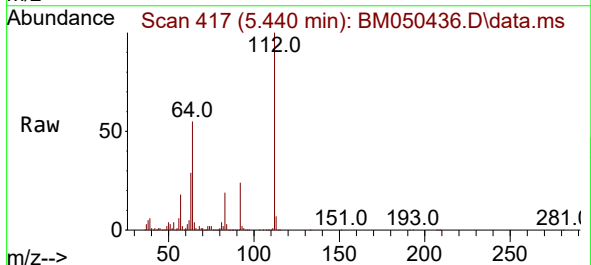
Instrument :
BNA_M
ClientSampleId :
PB168728TB

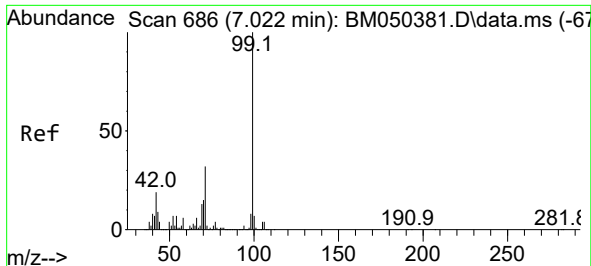
Tgt Ion:152 Resp: 354744
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 55.6 45.8 68.8



#5
2-Fluorophenol
Concen: 154.008 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050436.D
Acq: 14 Jul 2025 21:34

Tgt Ion:112 Resp: 3173931
Ion Ratio Lower Upper
112 100
64 54.7 45.5 68.3
63 28.7 24.2 36.4

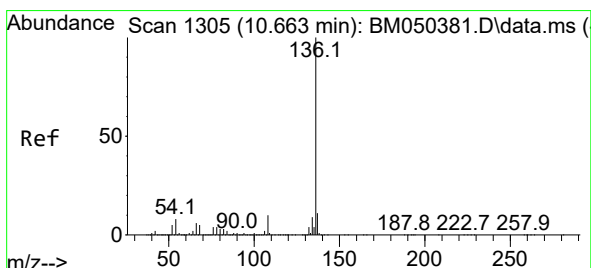
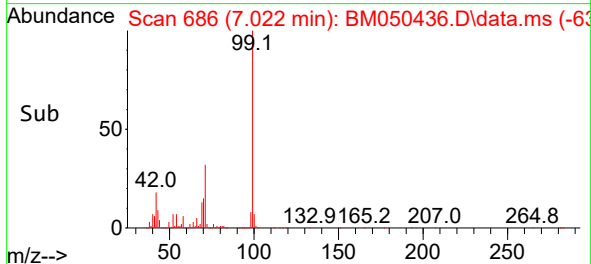
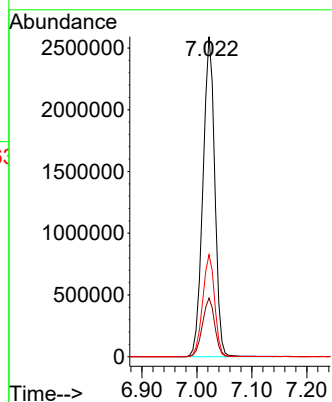
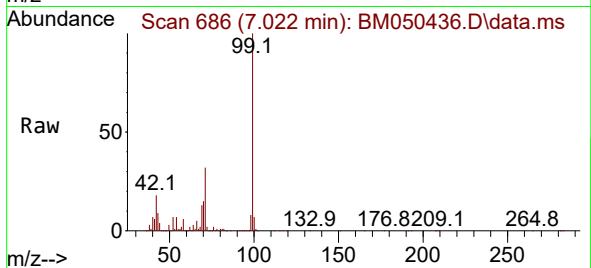




#7
Phenol-d6
Concen: 149.590 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050436.D
Acq: 14 Jul 2025 21:34

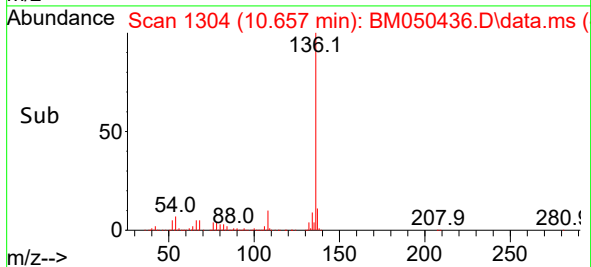
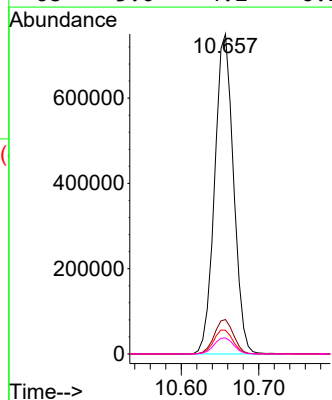
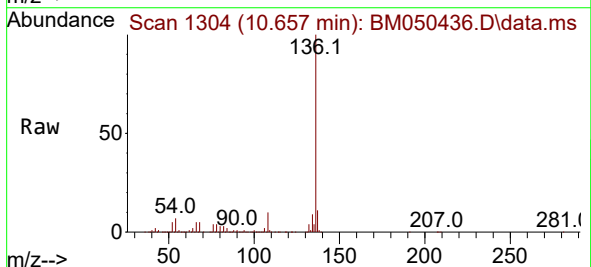
Instrument :
BNA_M
ClientSampleId :
PB168728TB

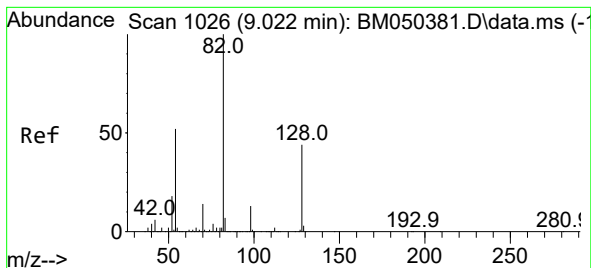
Tgt Ion: 99 Resp: 3886308
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.6
71 31.8 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050436.D
Acq: 14 Jul 2025 21:34

Tgt Ion:136 Resp: 1265655
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 6.3 9.5
68 5.0 4.2 6.2

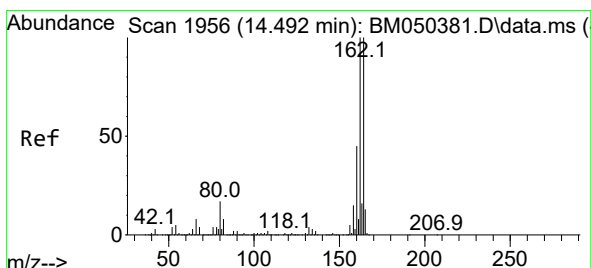
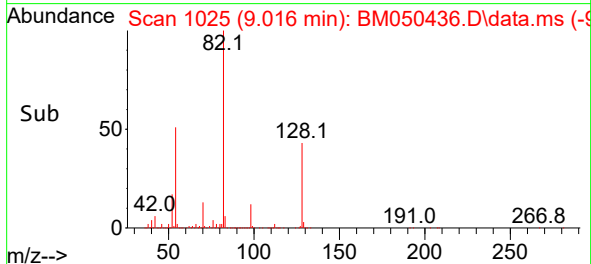
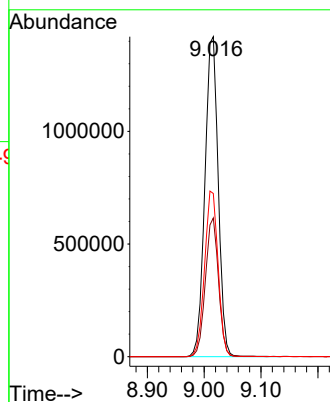
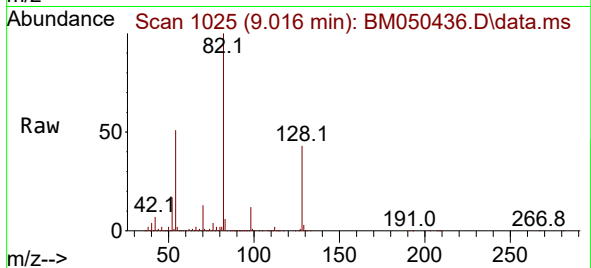




#23
 Nitrobenzene-d5
 Concen: 93.101 ng
 RT: 9.016 min Scan# 1025
 Delta R.T. -0.006 min
 Lab File: BM050436.D
 Acq: 14 Jul 2025 21:34

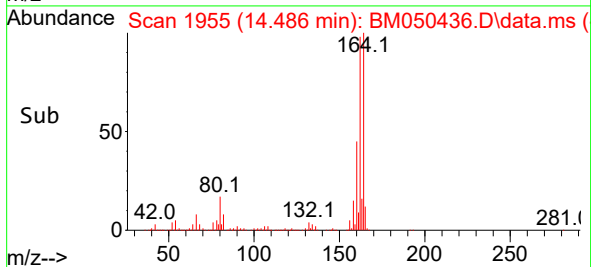
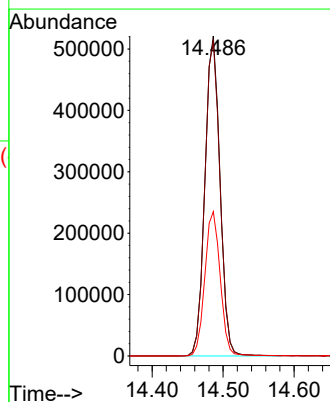
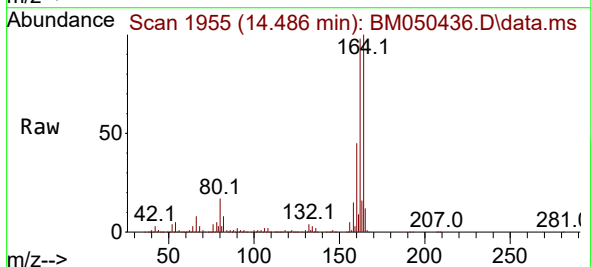
Instrument :
 BNA_M
 ClientSampleId :
 PB168728TB

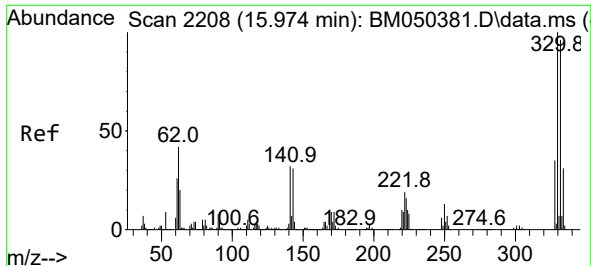
Tgt Ion: 82 Resp: 2309636
 Ion Ratio Lower Upper
 82 100
 128 43.4 35.2 52.8
 54 51.0 41.5 62.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.486 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: BM050436.D
 Acq: 14 Jul 2025 21:34

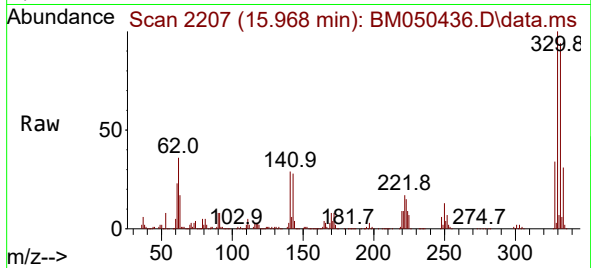
Tgt Ion: 164 Resp: 770422
 Ion Ratio Lower Upper
 164 100
 162 98.4 79.9 119.9
 160 45.1 36.2 54.4



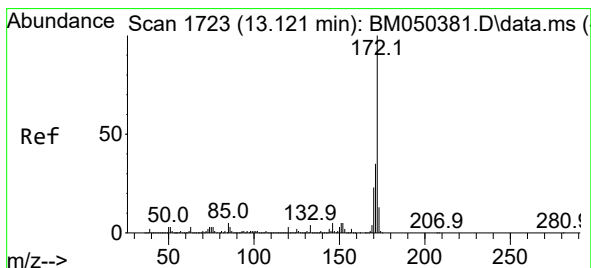
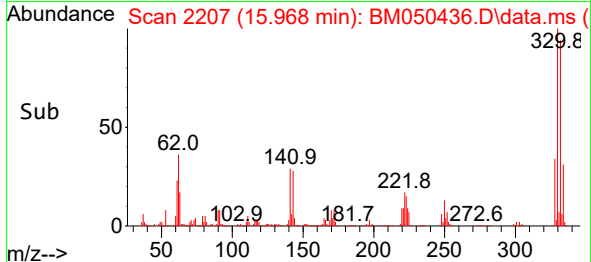
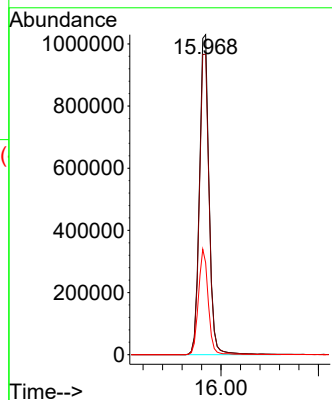


#42
2,4,6-Tribromophenol
Concen: 151.552 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050436.D
Acq: 14 Jul 2025 21:34

Instrument :
BNA_M
ClientSampleId :
PB168728TB

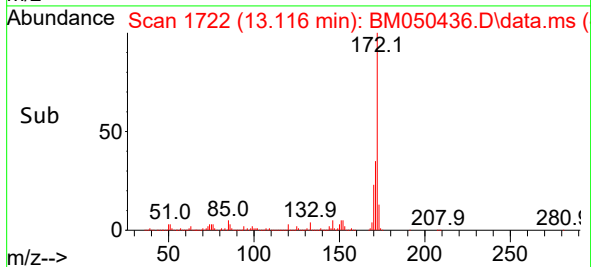
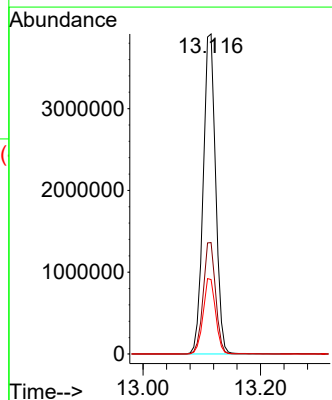
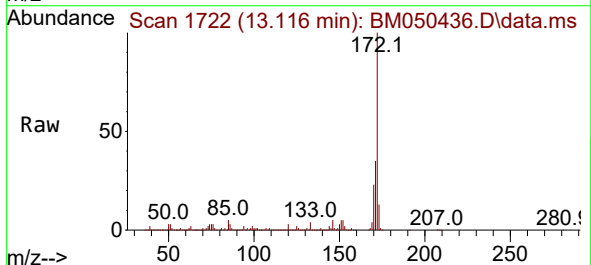


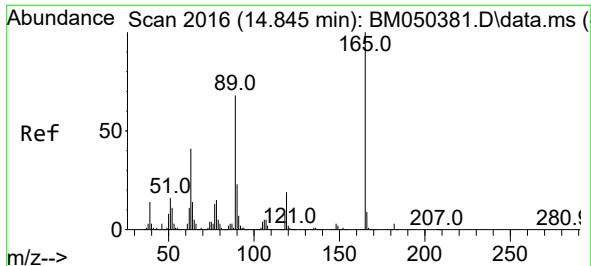
Tgt Ion:330 Resp: 1418630
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 33.3 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 92.212 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050436.D
Acq: 14 Jul 2025 21:34

Tgt Ion:172 Resp: 5752719
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.2 18.8 28.2

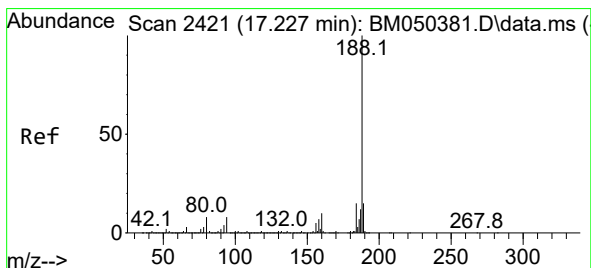
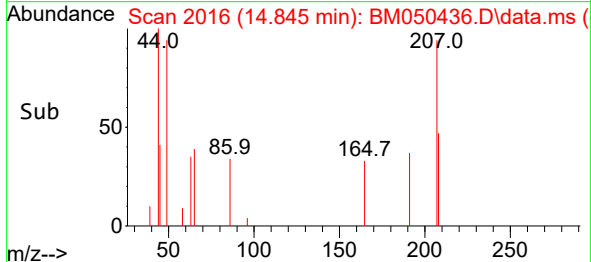
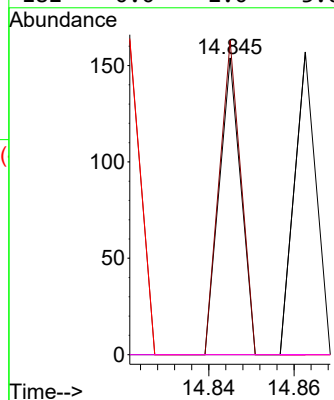
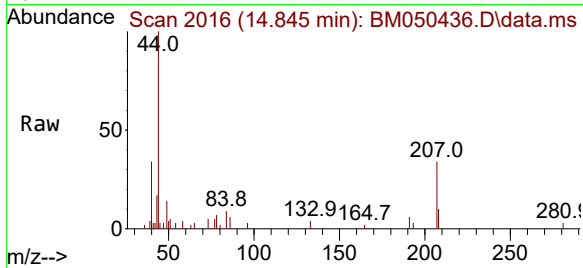




#57
2,4-Dinitrotoluene
Concen: 2.727 ng
RT: 14.845 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM050436.D
Acq: 14 Jul 2025 21:34

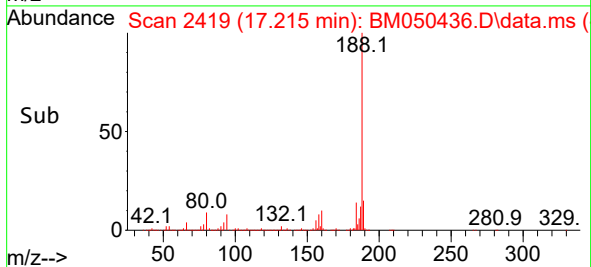
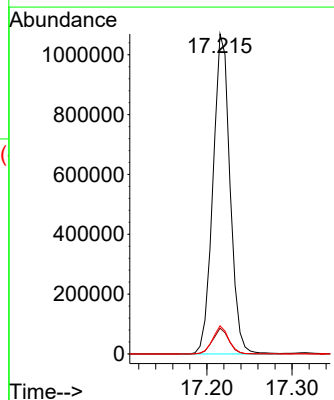
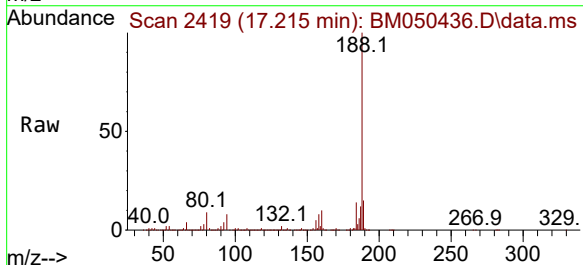
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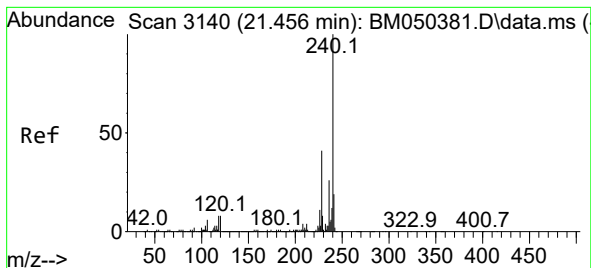
Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 105.8 32.5 48.7#
89 0.0 54.0 81.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050436.D
Acq: 14 Jul 2025 21:34

Tgt Ion:188 Resp: 1489633
Ion Ratio Lower Upper
188 100
94 8.0 6.0 9.0
80 8.8 6.5 9.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM050436.D

Acq: 14 Jul 2025 21:34

Instrument :

BNA_M

ClientSampleId :

PB168728TB

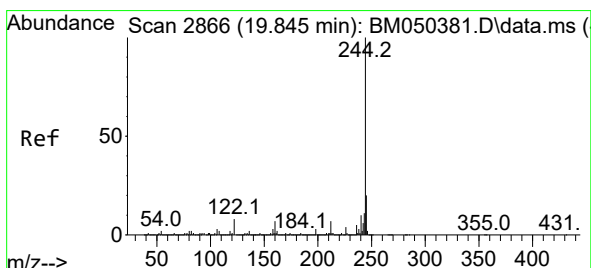
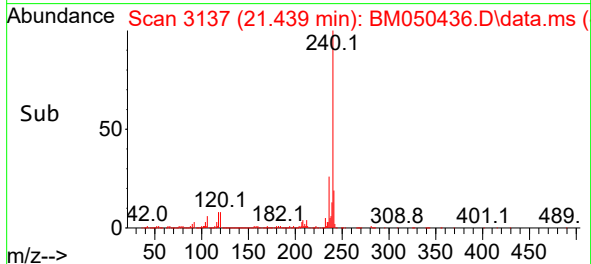
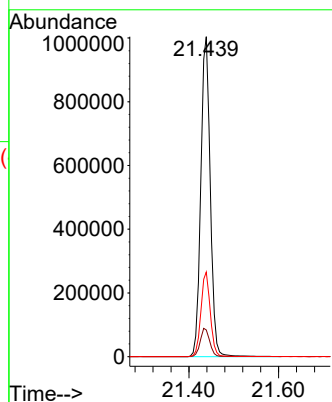
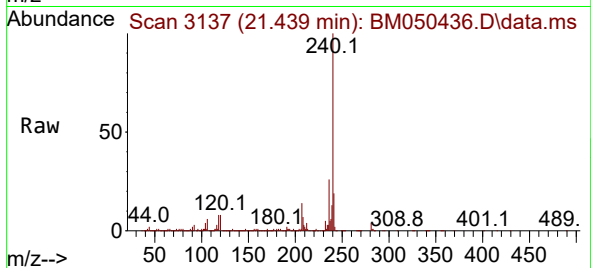
Tgt Ion:240 Resp: 1465640

Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

236 26.5 20.7 31.1



#79

Terphenyl-d14

Concen: 111.669 ng

RT: 19.833 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BM050436.D

Acq: 14 Jul 2025 21:34

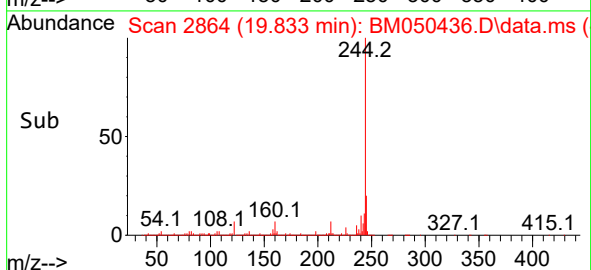
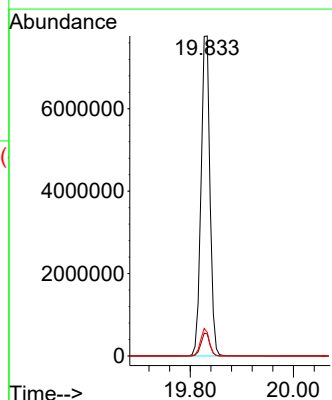
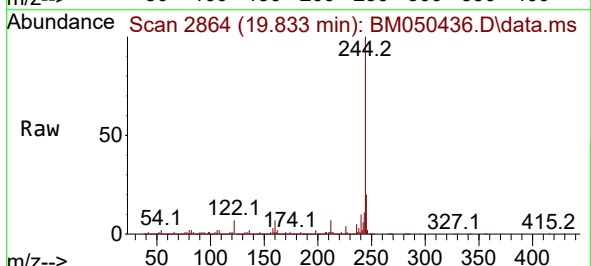
Tgt Ion:244 Resp: 9302062

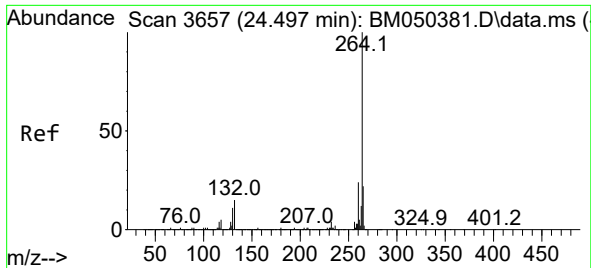
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 7.4 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: BM050436.D
 Acq: 14 Jul 2025 21:34

Instrument :
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Tgt Ion:264 Resp: 1553412
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.4 17.8 26.6

