

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050161.D
 Acq On : 09 May 2025 16:07
 Operator : RC/JU
 Sample : Q1986-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-218

Quant Time: May 09 17:21:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	348721	20.000	ng	-0.03
21) Naphthalene-d8	10.533	136	1270176	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	869413	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1575595	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1140362	20.000	ng	-0.01
86) Perylene-d12	24.386	264	1123665	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1606600	80.674	ng	-0.02
7) Phenol-d6	6.934	99	2069115	82.665	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1204863	46.743	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1006018	78.256	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	2899088	39.447	ng	-0.03
79) Terphenyl-d14	19.768	244	3961453	51.404	ng	-0.01

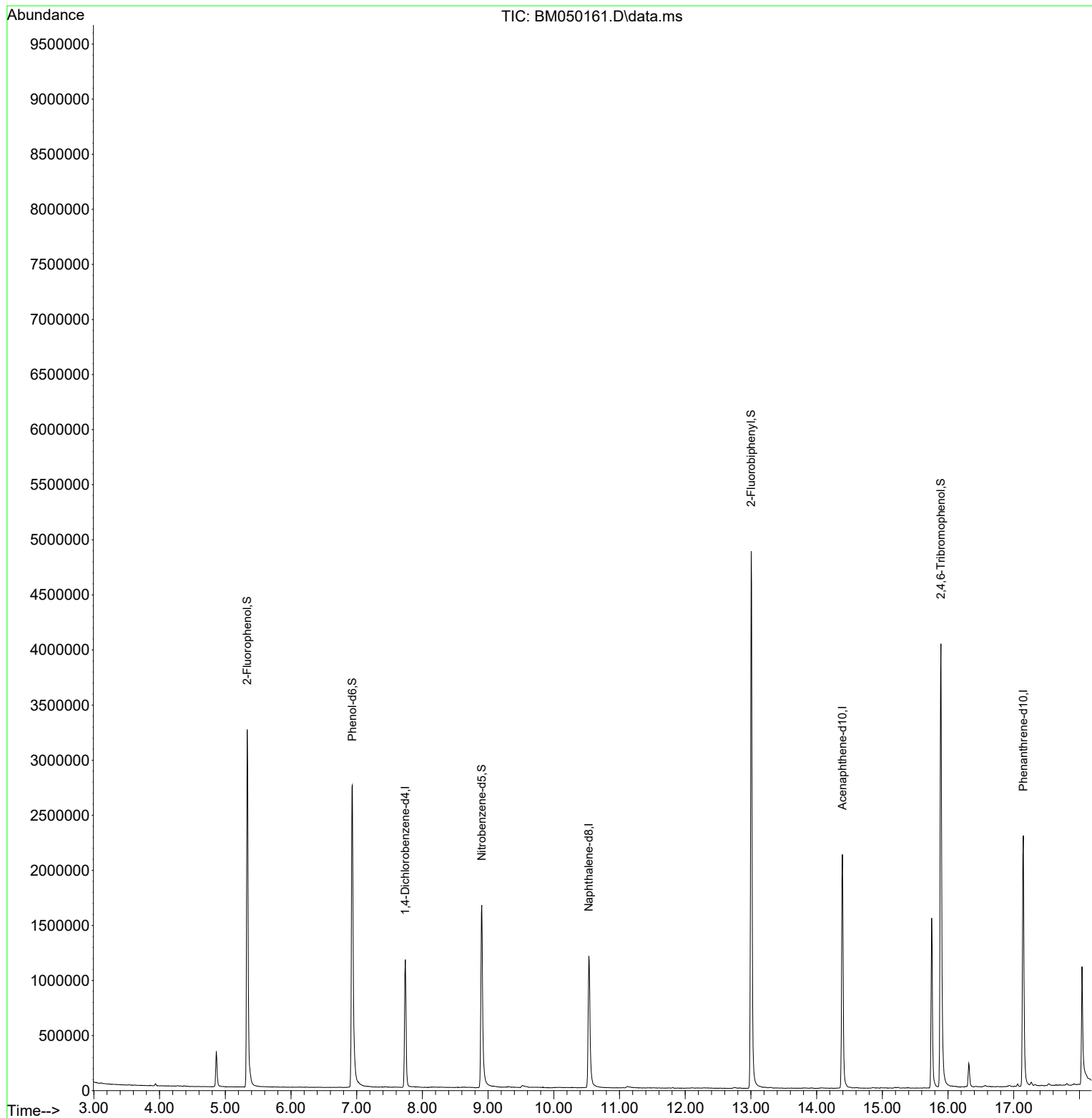
Target Compounds	Qvalue

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

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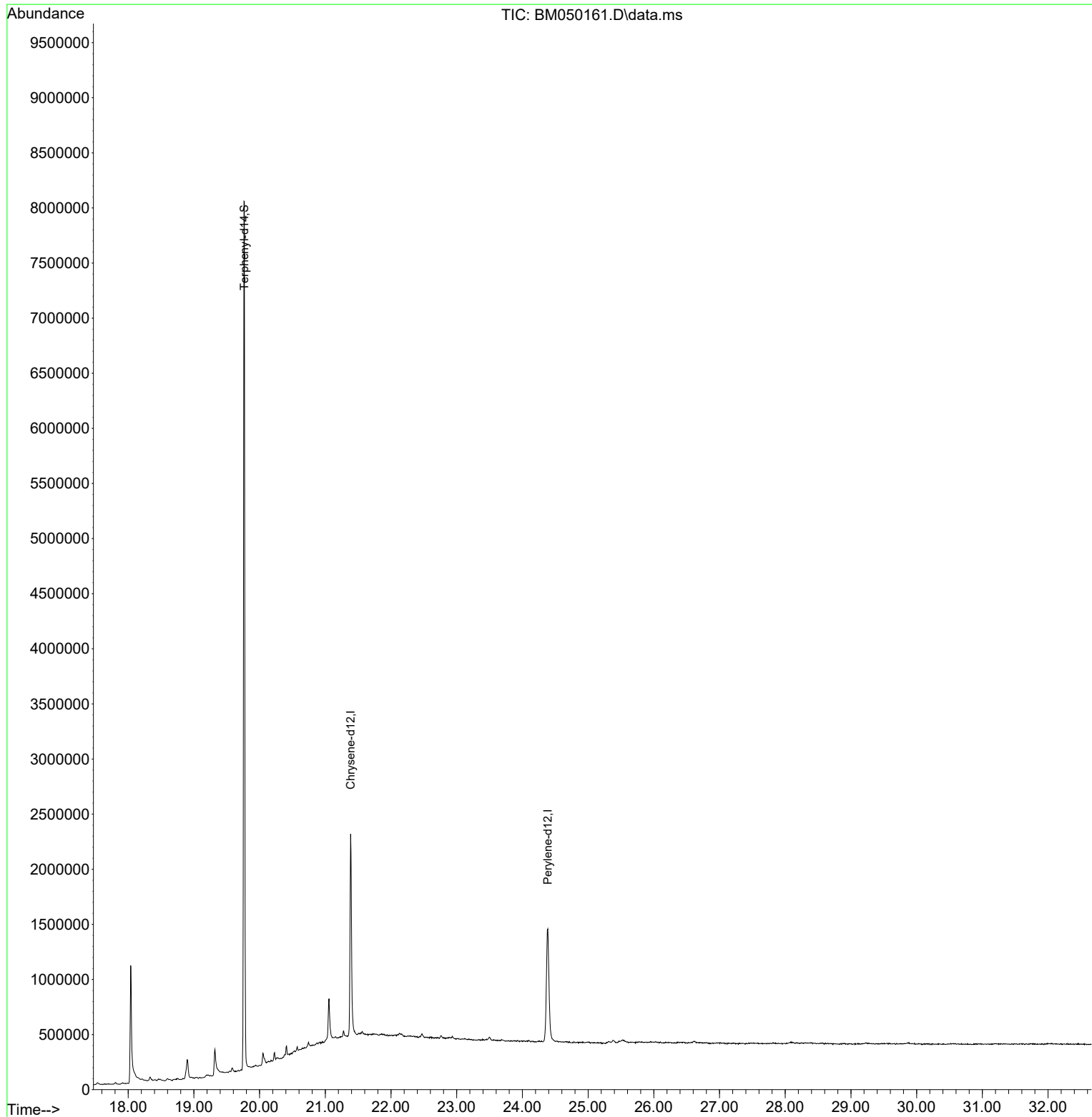
Quant Time: May 09 17:21:39 2025
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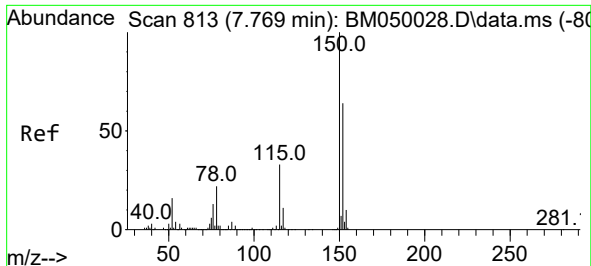


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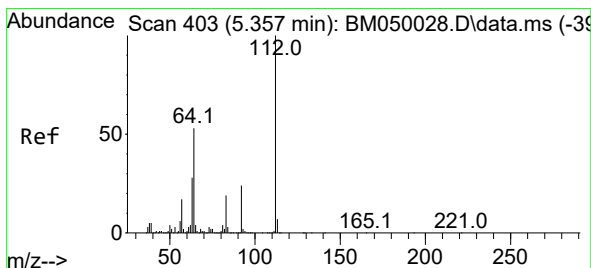
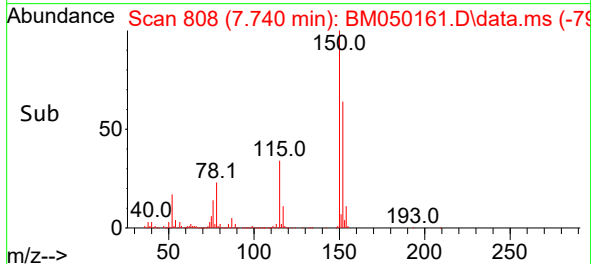
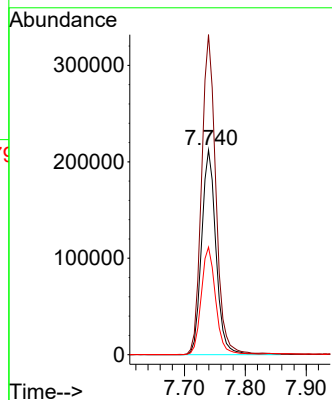
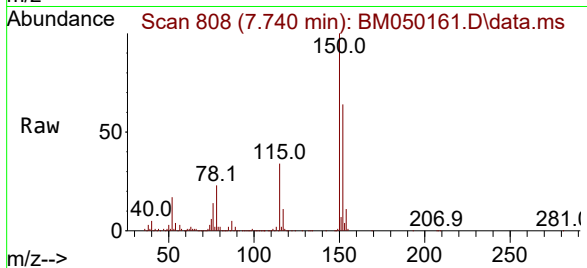




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BM050161.D
Acq: 09 May 2025 16:07

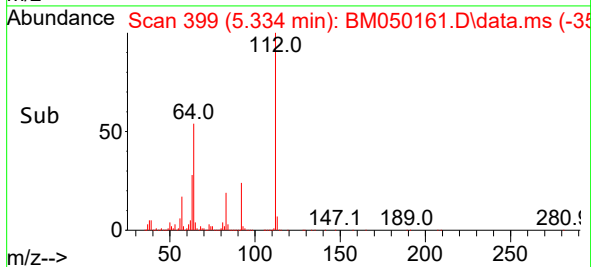
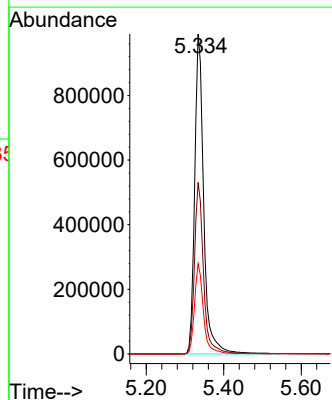
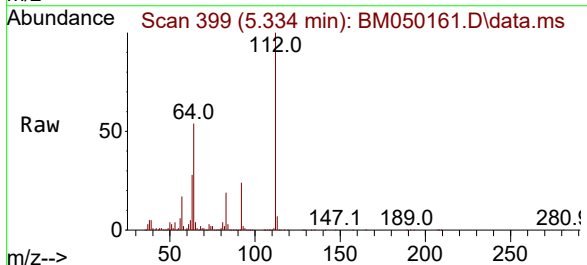
Instrument :
BNA_M
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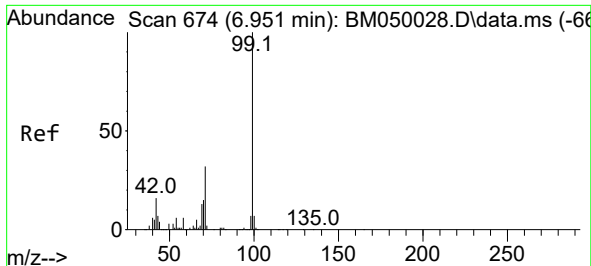
Tgt Ion:152 Resp: 348721
Ion Ratio Lower Upper
152 100
150 156.4 124.1 186.1
115 52.6 41.2 61.8



#5
2-Fluorophenol
Concen: 80.674 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.024 min
Lab File: BM050161.D
Acq: 09 May 2025 16:07

Tgt Ion:112 Resp: 1606600
Ion Ratio Lower Upper
112 100
64 53.6 42.6 64.0
63 28.2 22.2 33.4

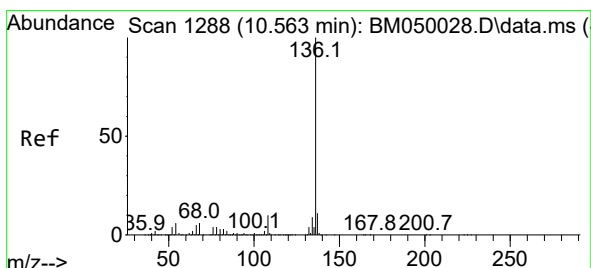
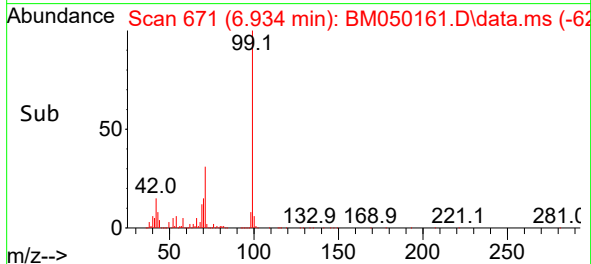
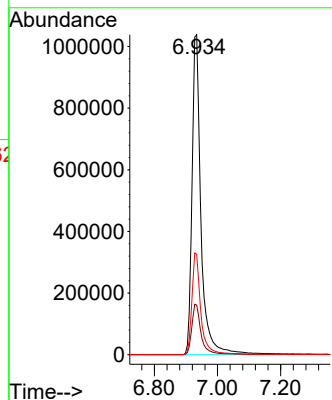
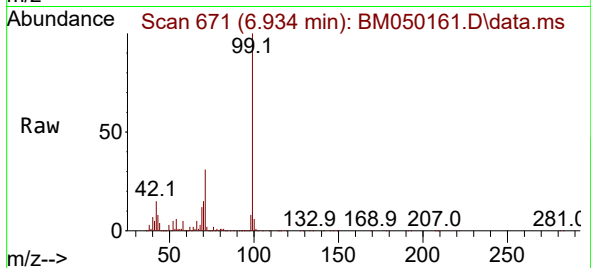




#7
Phenol-d6
Concen: 82.665 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050161.D
Acq: 09 May 2025 16:07

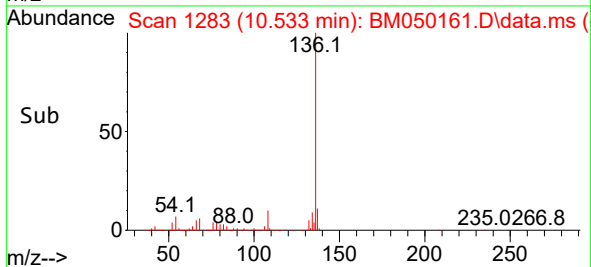
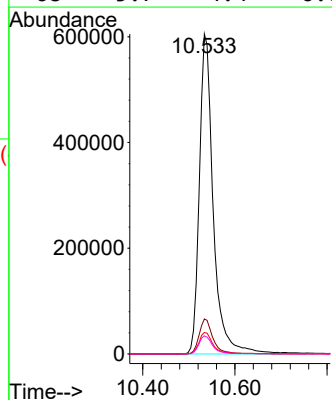
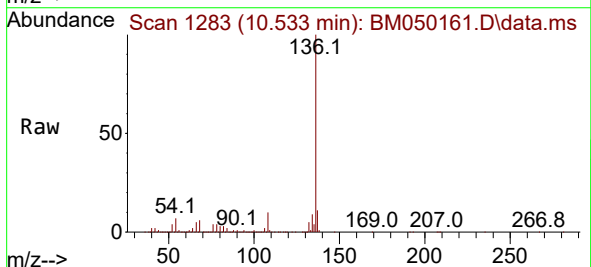
Instrument :
BNA_M
ClientSampleId :
COMP-218

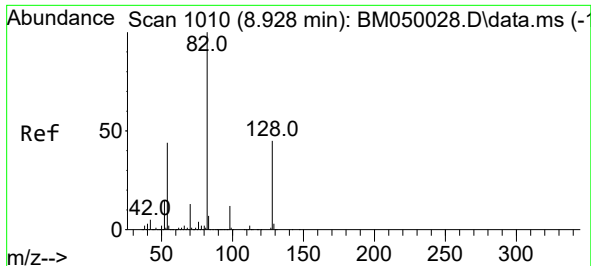
Tgt Ion: 99 Resp: 2069115
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050161.D
Acq: 09 May 2025 16:07

Tgt Ion: 136 Resp: 1270176
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 5.1 7.7
68 5.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 46.743 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.024 min

Lab File: BM050161.D

Acq: 09 May 2025 16:07

Instrument :

BNA_M

ClientSampleId :

COMP-218

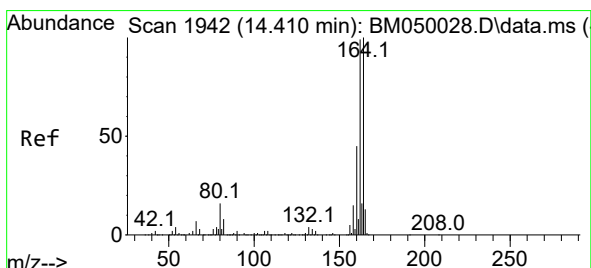
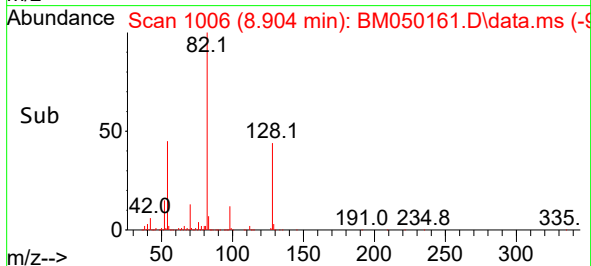
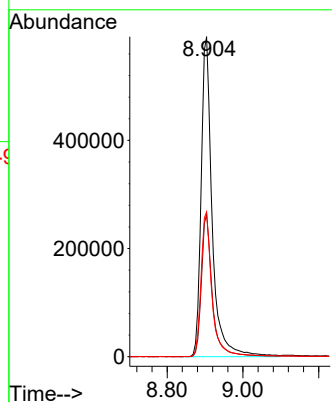
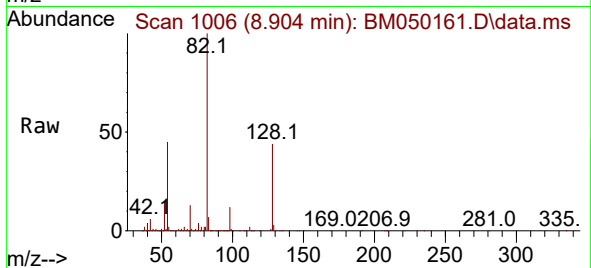
Tgt Ion: 82 Resp: 1204863

Ion Ratio Lower Upper

82 100

128 44.5 35.7 53.5

54 45.3 35.4 53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.018 min

Lab File: BM050161.D

Acq: 09 May 2025 16:07

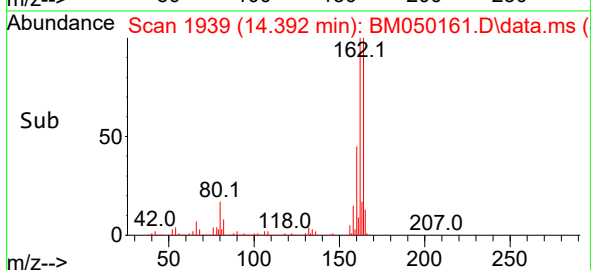
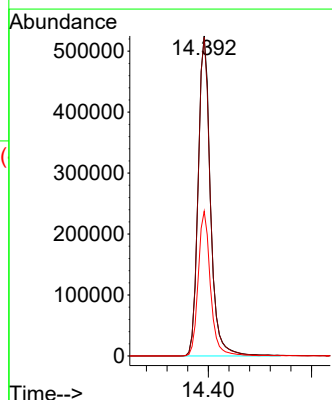
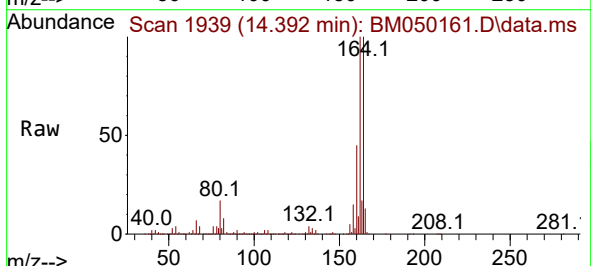
Tgt Ion: 164 Resp: 869413

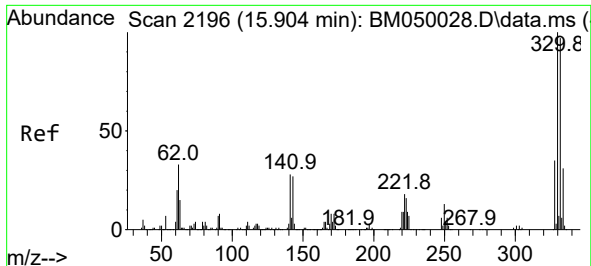
Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

160 45.2 36.2 54.4

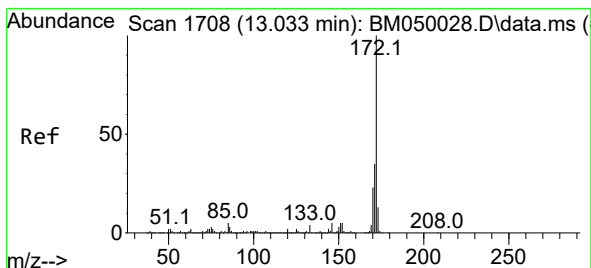
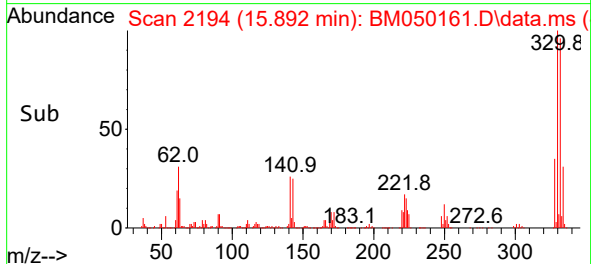
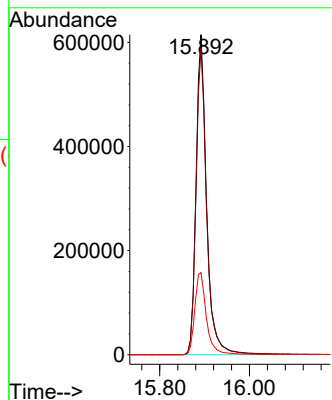
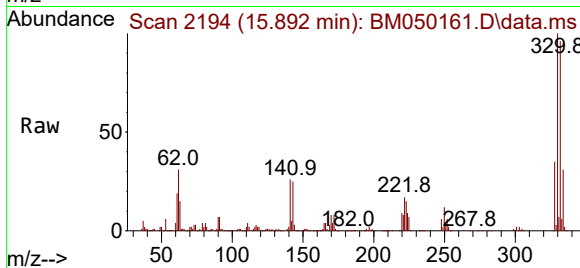




#42
2,4,6-Tribromophenol
Concen: 78.256 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050161.D
Acq: 09 May 2025 16:07

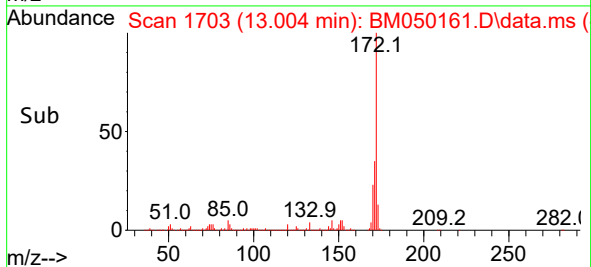
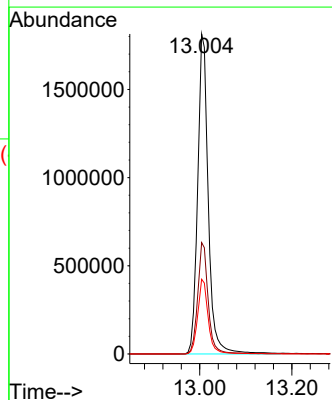
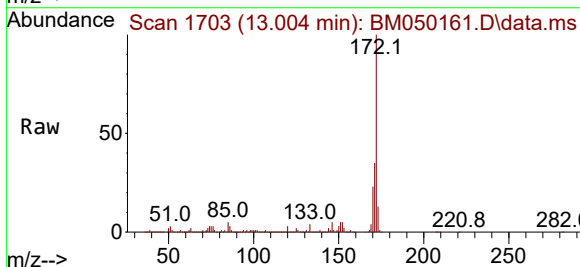
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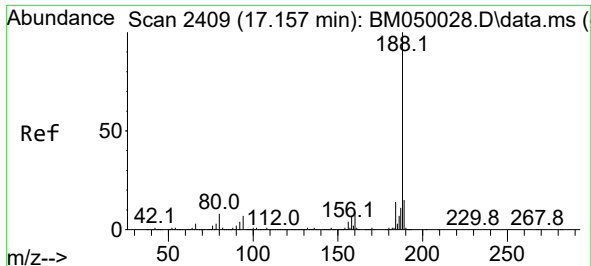
Tgt Ion:330 Resp: 1006018
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 28.4 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 39.447 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050161.D
Acq: 09 May 2025 16:07

Tgt Ion:172 Resp: 2899088
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.4 18.6 28.0

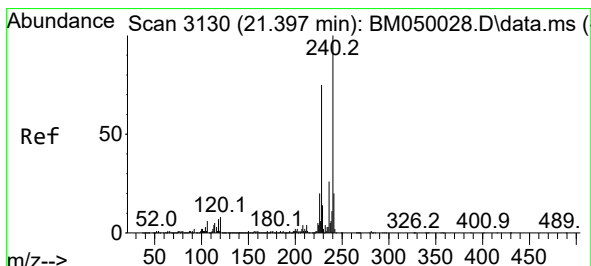
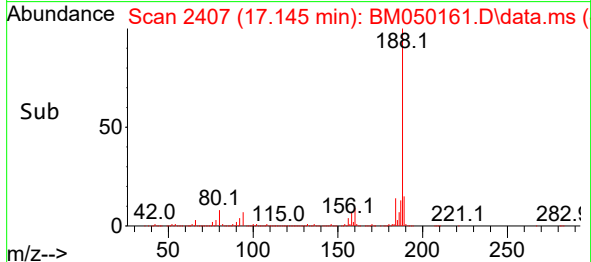
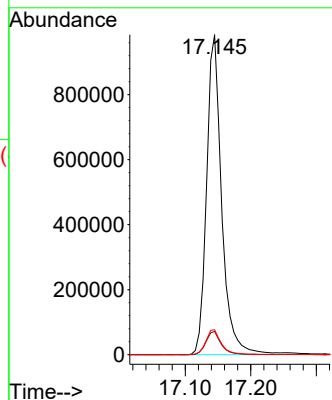
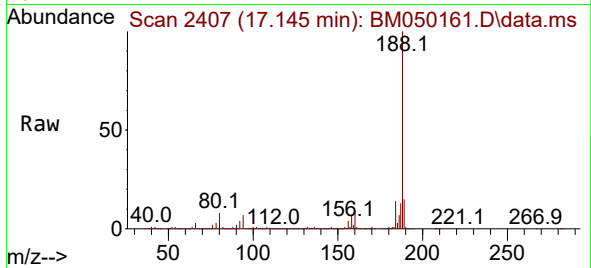




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050161.D
Acq: 09 May 2025 16:07

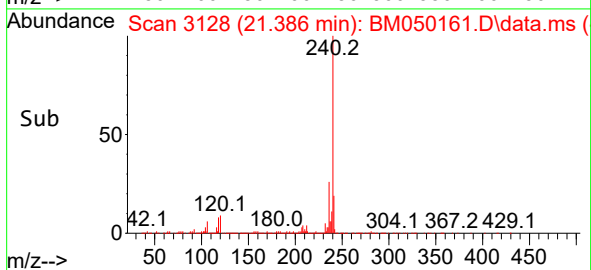
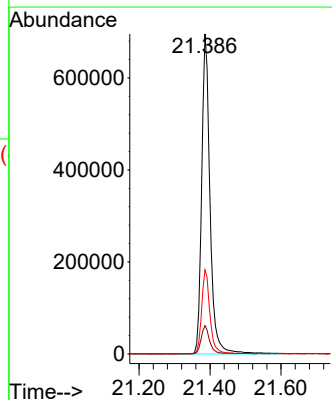
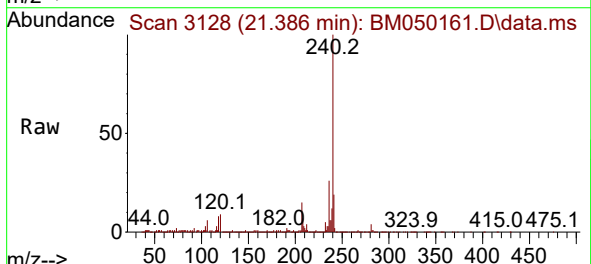
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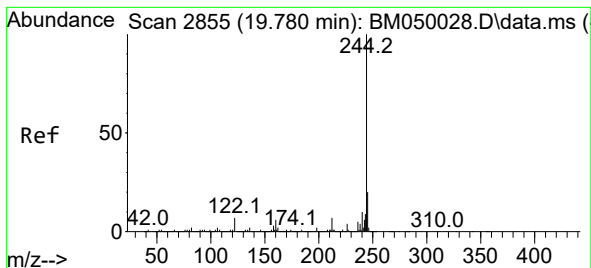
Tgt Ion:188 Resp: 1575595
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.8 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050161.D
Acq: 09 May 2025 16:07

Tgt Ion:240 Resp: 1140362
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 51.404 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050161.D

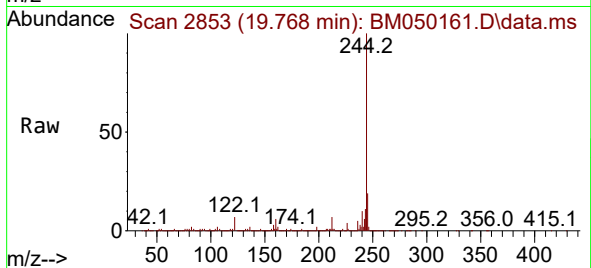
Acq: 09 May 2025 16:07

Instrument :

BNA_M

ClientSampleId :

COMP-218



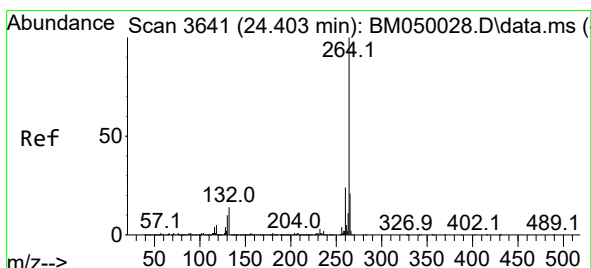
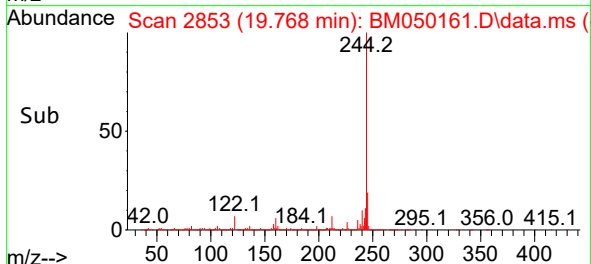
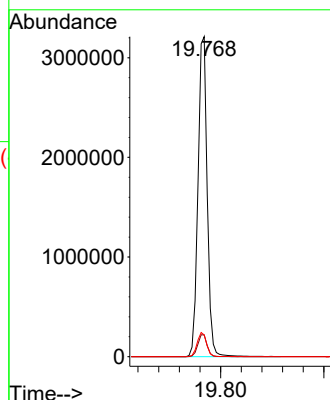
Tgt Ion:244 Resp: 3961453

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 6.8 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.386 min Scan# 3638

Delta R.T. -0.018 min

Lab File: BM050161.D

Acq: 09 May 2025 16:07

Tgt Ion:264 Resp: 1123665

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.7 17.0 25.4

