

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050158.D
 Acq On : 09 May 2025 13:58
 Operator : RC/JU
 Sample : PB167894TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167894TB

Quant Time: May 09 14:42:34 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	253625	20.000	ng	-0.03
21) Naphthalene-d8	10.540	136	891548	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	585458	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1144150	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1010443	20.000	ng	0.00
86) Perylene-d12	24.386	264	1069189	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1912793	132.063	ng	-0.02
7) Phenol-d6	6.934	99	2314378	127.132	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1405526	77.684	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1107752	127.964	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	3803956	76.863	ng	-0.03
79) Terphenyl-d14	19.768	244	6074268	88.955	ng	-0.01

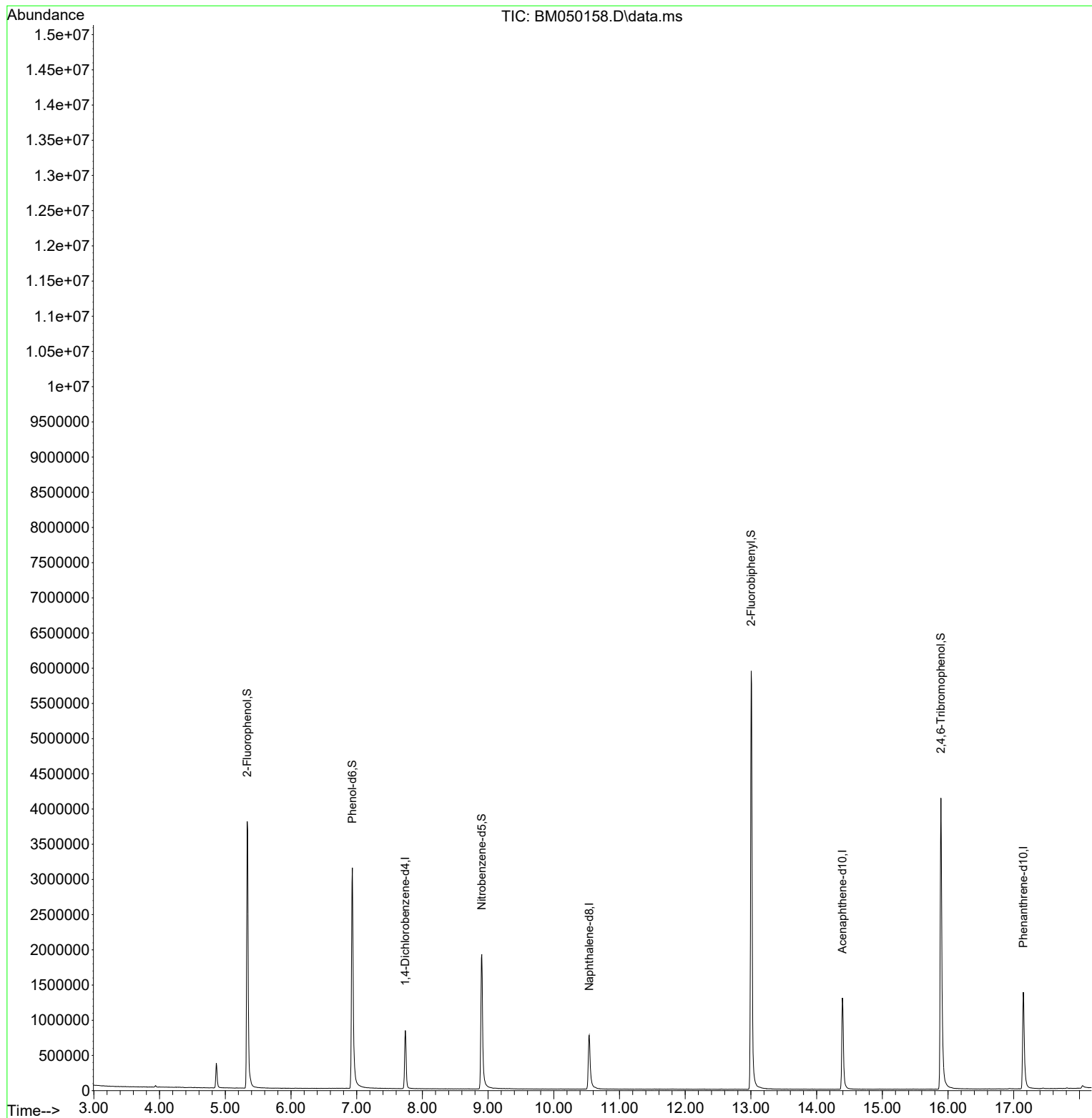
Target Compounds	Qvalue

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

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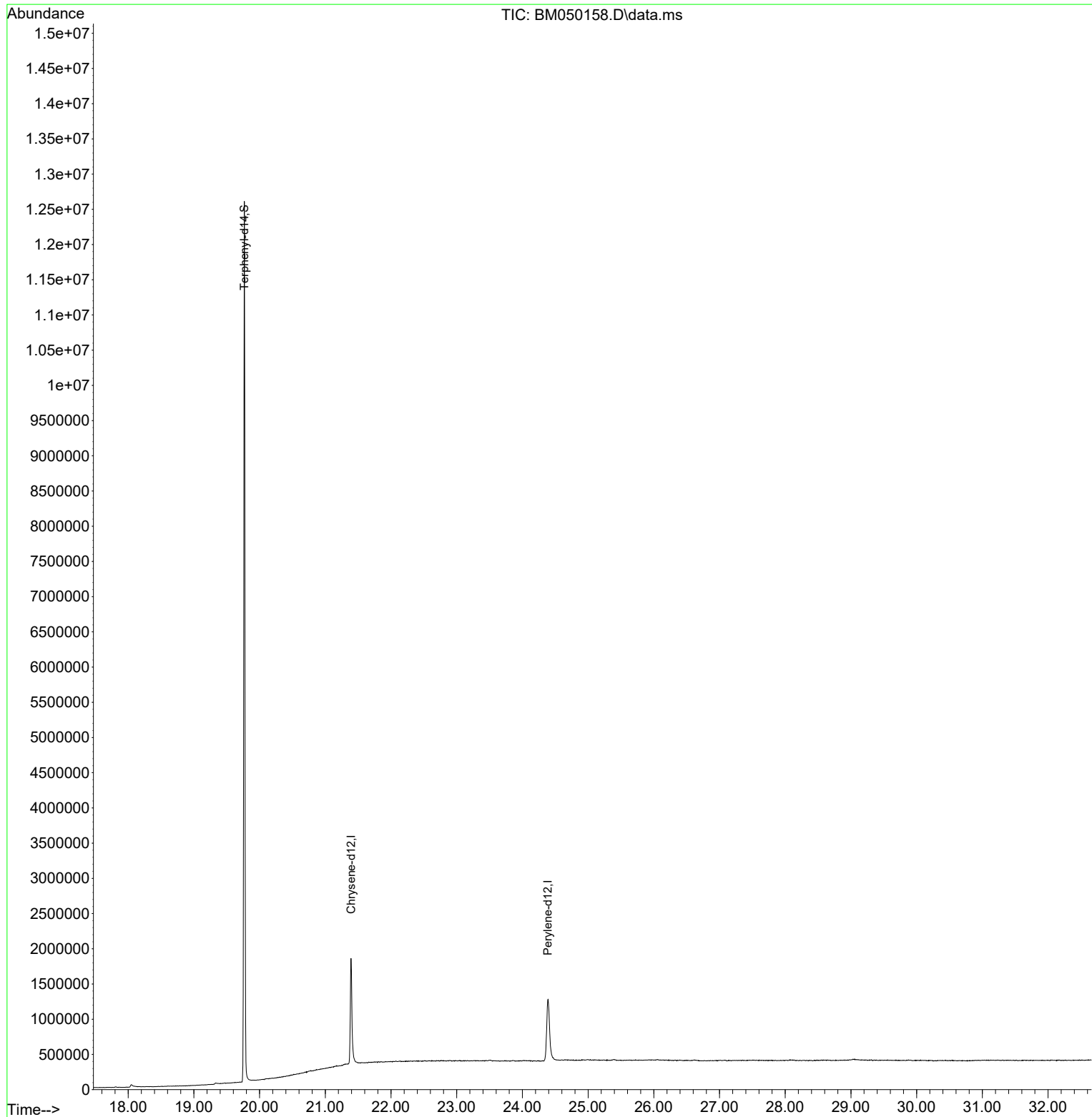
Quant Time: May 09 14:42:34 2025
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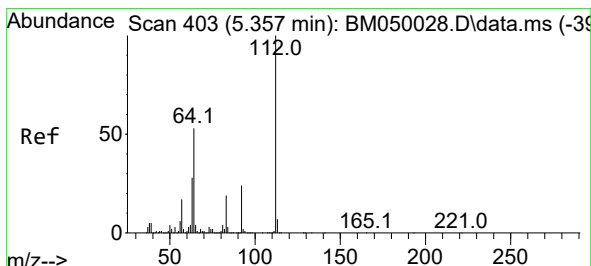
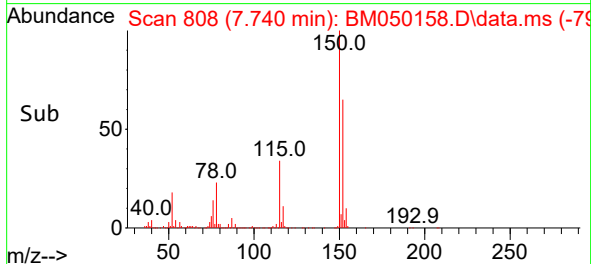
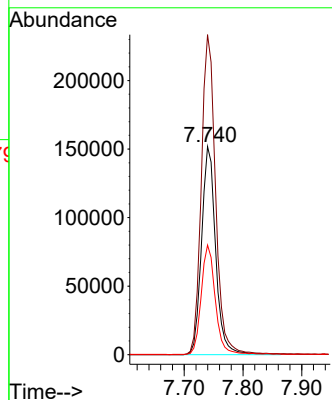
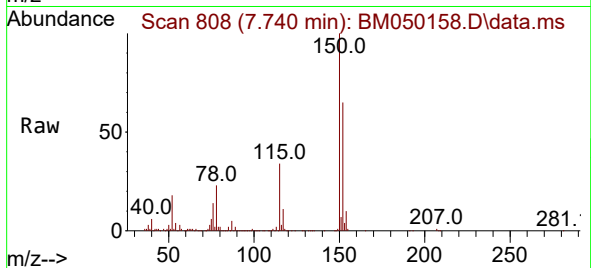




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BM050158.D
Acq: 09 May 2025 13:58

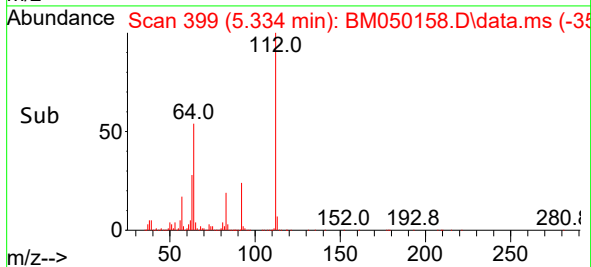
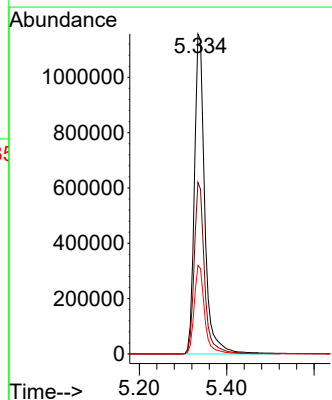
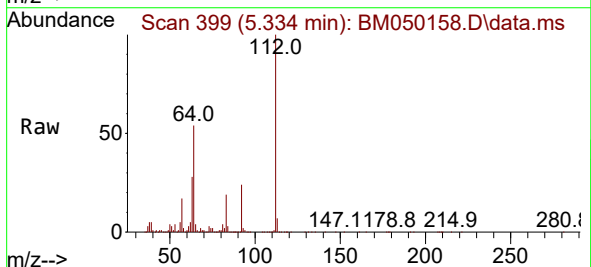
Instrument :
BNA_M
ClientSampleId :
PB167894TB

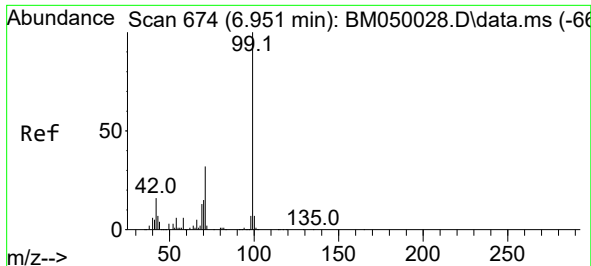
Tgt Ion:152 Resp: 253625
Ion Ratio Lower Upper
152 100
150 153.7 124.1 186.1
115 52.6 41.2 61.8



#5
2-Fluorophenol
Concen: 132.063 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.023 min
Lab File: BM050158.D
Acq: 09 May 2025 13:58

Tgt Ion:112 Resp: 1912793
Ion Ratio Lower Upper
112 100
64 53.6 42.6 64.0
63 27.6 22.2 33.4

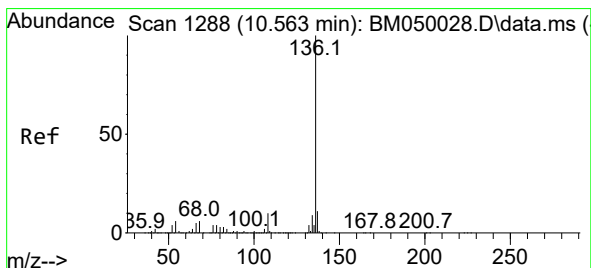
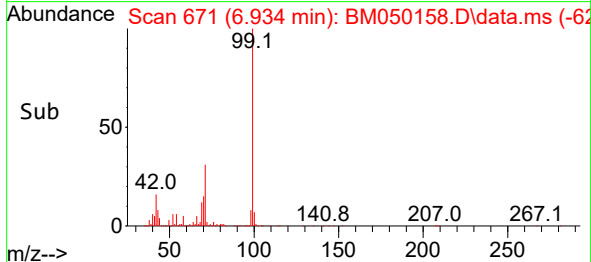
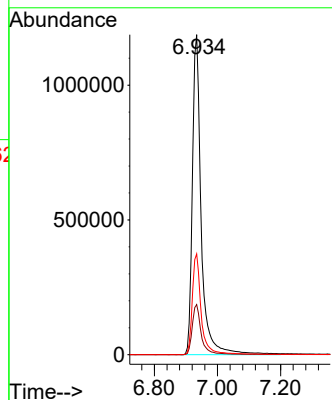
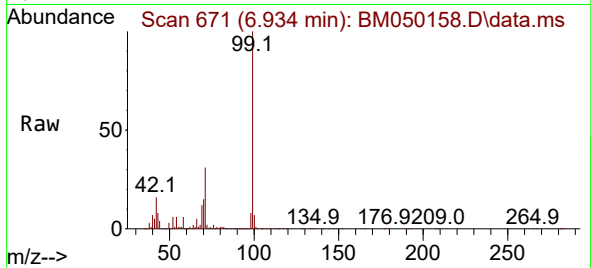




#7
Phenol-d6
Concen: 127.132 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.017 min
Lab File: BM050158.D
Acq: 09 May 2025 13:58

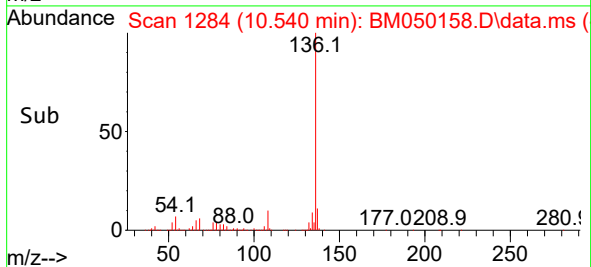
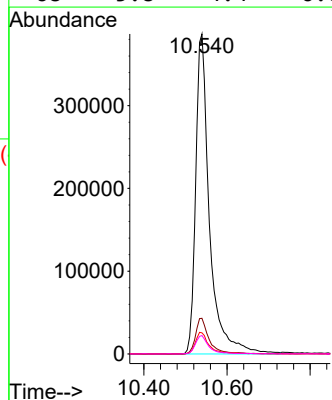
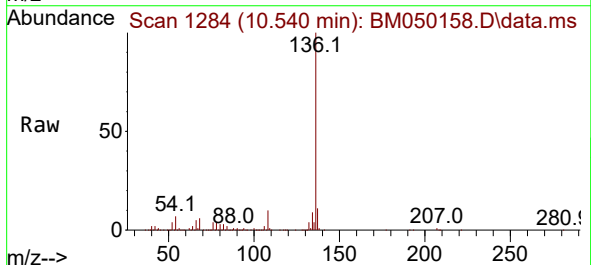
Instrument :
BNA_M
ClientSampleId :
PB167894TB

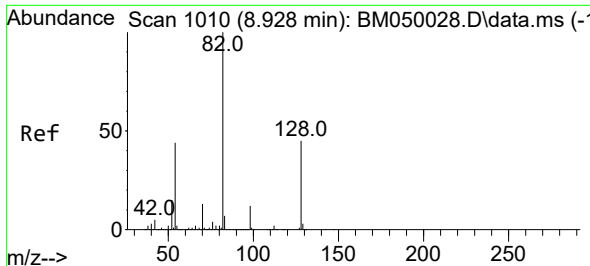
Tgt Ion: 99 Resp: 2314378
Ion Ratio Lower Upper
99 100
42 15.7 13.0 19.4
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050158.D
Acq: 09 May 2025 13:58

Tgt Ion: 136 Resp: 891548
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.6 5.1 7.7
68 5.8 4.4 6.6

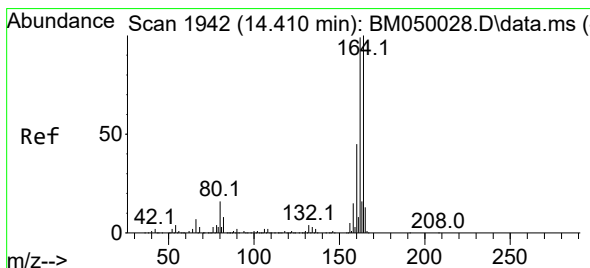
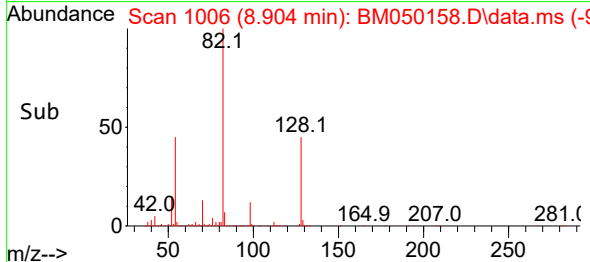
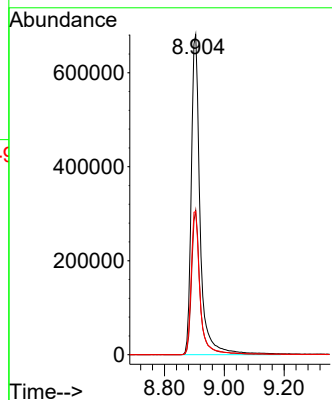
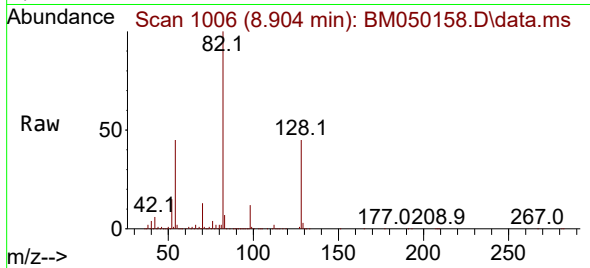




#23
Nitrobenzene-d5
Concen: 77.684 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.023 min
Lab File: BM050158.D
Acq: 09 May 2025 13:58

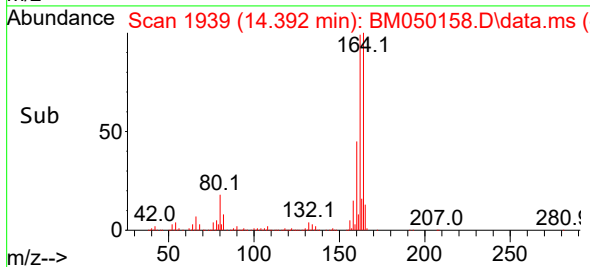
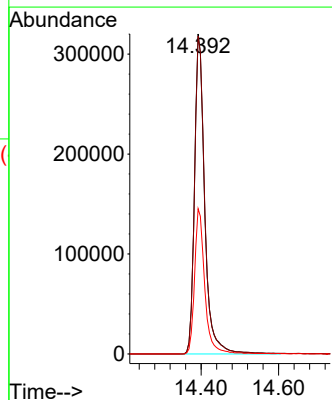
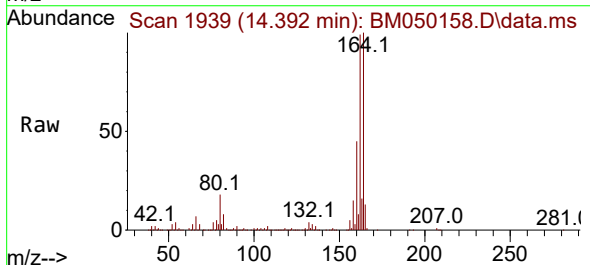
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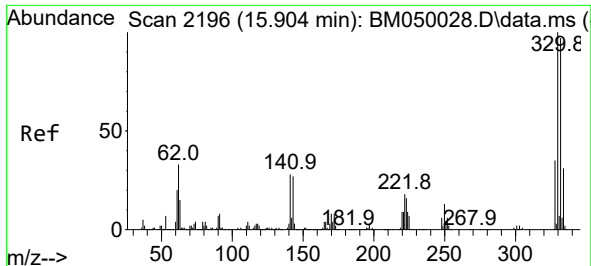
Tgt Ion: 82 Resp: 1405526
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 44.8 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050158.D
Acq: 09 May 2025 13:58

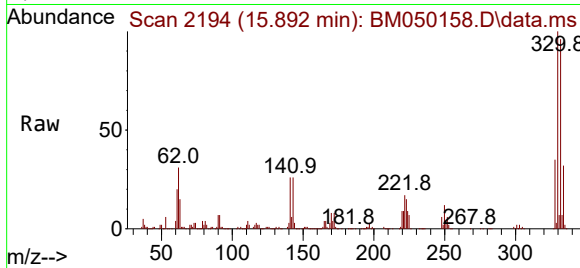
Tgt Ion:164 Resp: 585458
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 45.4 36.2 54.4



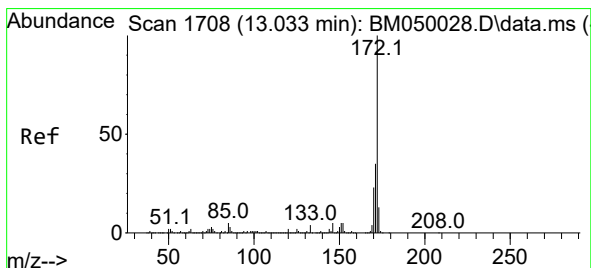
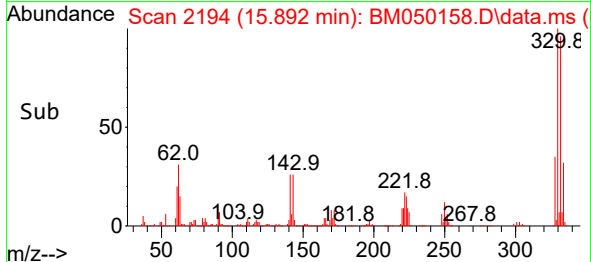
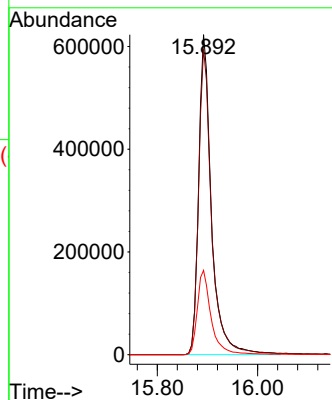


#42
2,4,6-Tribromophenol
Concen: 127.964 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050158.D
Acq: 09 May 2025 13:58

Instrument :
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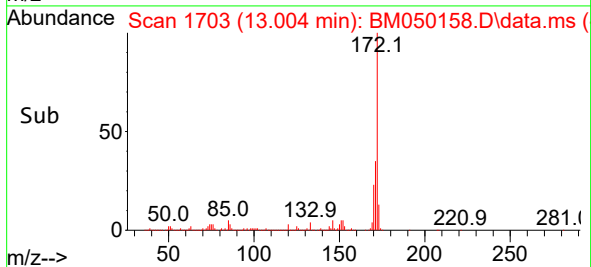
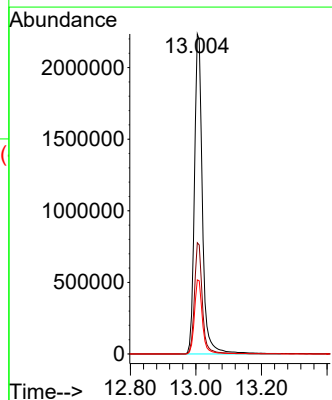
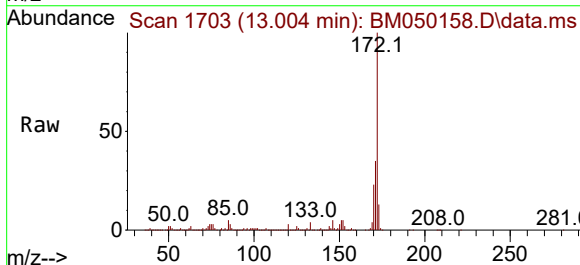


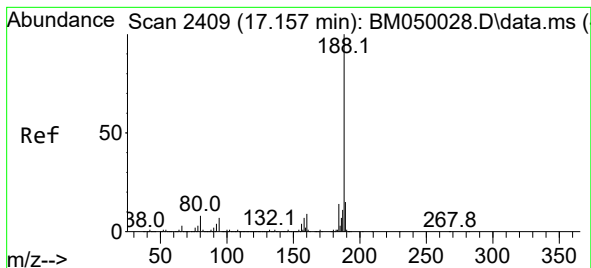
Tgt Ion:330 Resp: 1107752
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 28.7 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 76.863 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050158.D
Acq: 09 May 2025 13:58

Tgt Ion:172 Resp: 3803956
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 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: BM050158.D

Acq: 09 May 2025 13:58

Instrument :

BNA_M

ClientSampleId :

PB167894TB

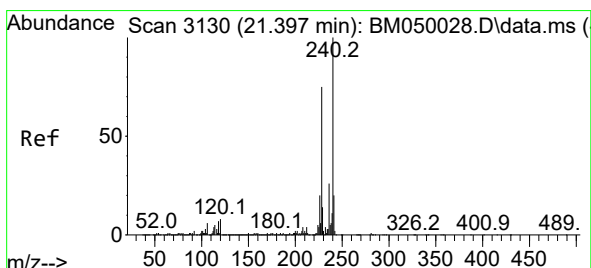
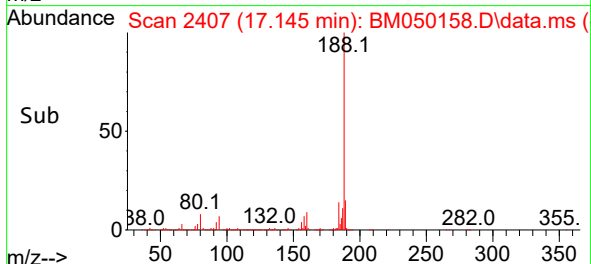
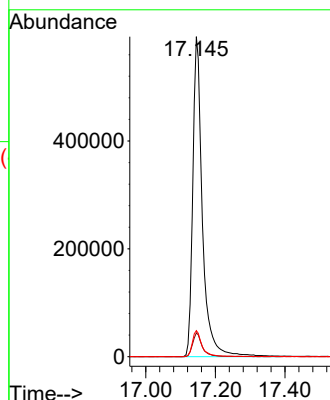
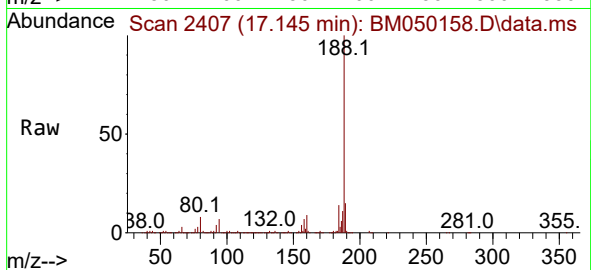
Tgt Ion:188 Resp: 1144150

Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 8.1 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BM050158.D

Acq: 09 May 2025 13:58

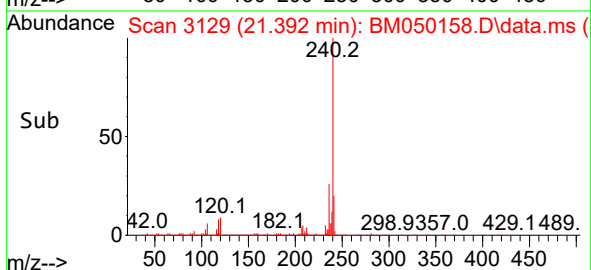
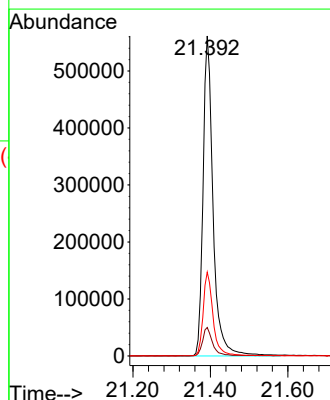
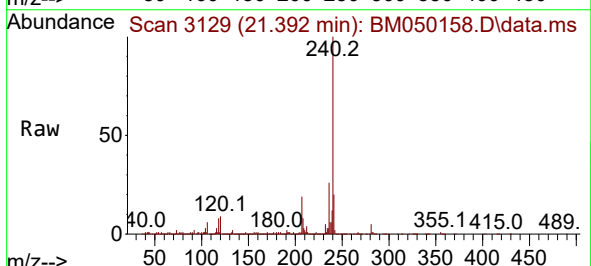
Tgt Ion:240 Resp: 1010443

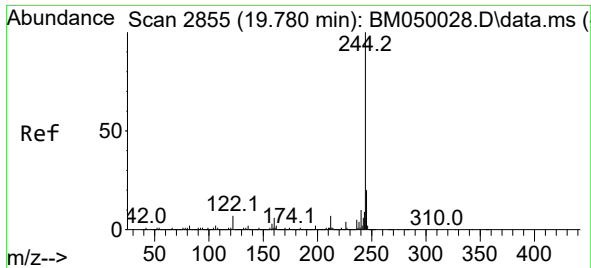
Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

236 26.2 20.9 31.3

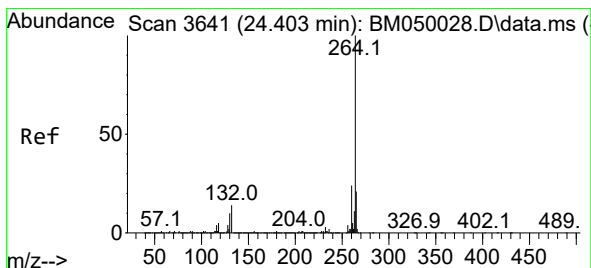
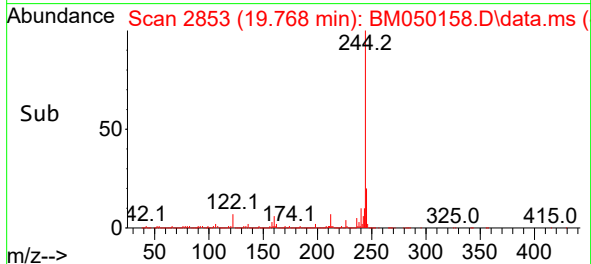
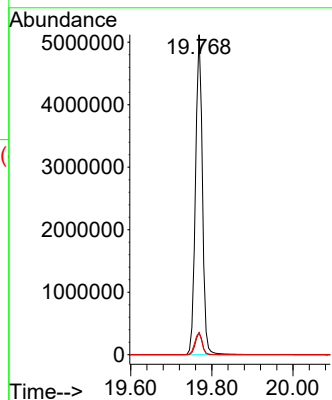
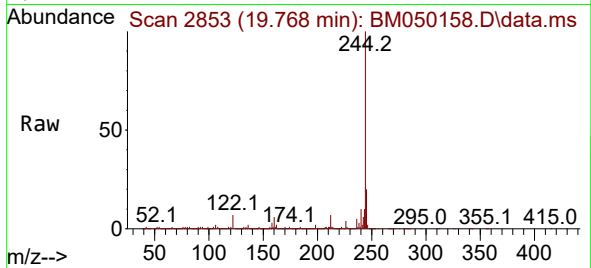




#79
 Terphenyl-d14
 Concen: 88.955 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050158.D
 Acq: 09 May 2025 13:58

Instrument :
 BNA_M
 ClientSampleId :
 PB167894TB

Tgt Ion:244 Resp: 6074268
 Ion Ratio Lower Upper
 244 100
 212 6.9 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. -0.017 min
 Lab File: BM050158.D
 Acq: 09 May 2025 13:58

Tgt Ion:264 Resp: 1069189
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.9 17.0 25.4

