

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050130.D
 Acq On : 07 May 2025 10:35
 Operator : RC/JU
 Sample : PB167879BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167879BL

Quant Time: May 07 11:58:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	266570	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	933974	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	599928	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1149458	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	916515	20.000	ng	-0.01
86) Perylene-d12	24.380	264	987965	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1955505	128.455	ng	-0.02
7) Phenol-d6	6.934	99	2349152	122.776	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1428667	75.376	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1127339	127.085	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3828157	75.487	ng	-0.02
79) Terphenyl-d14	19.768	244	5570275	89.934	ng	-0.01

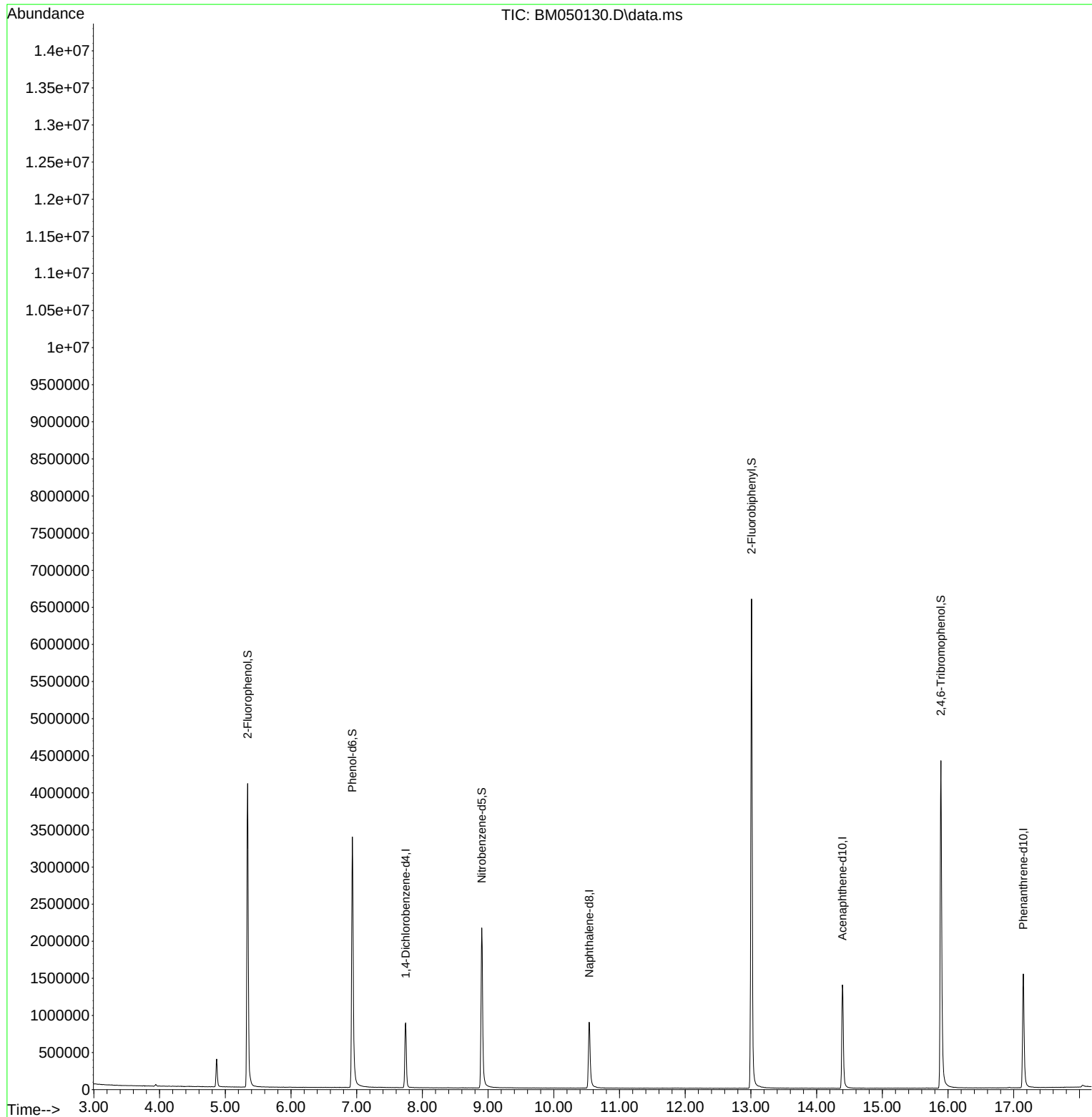
Target Compounds	Qvalue

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

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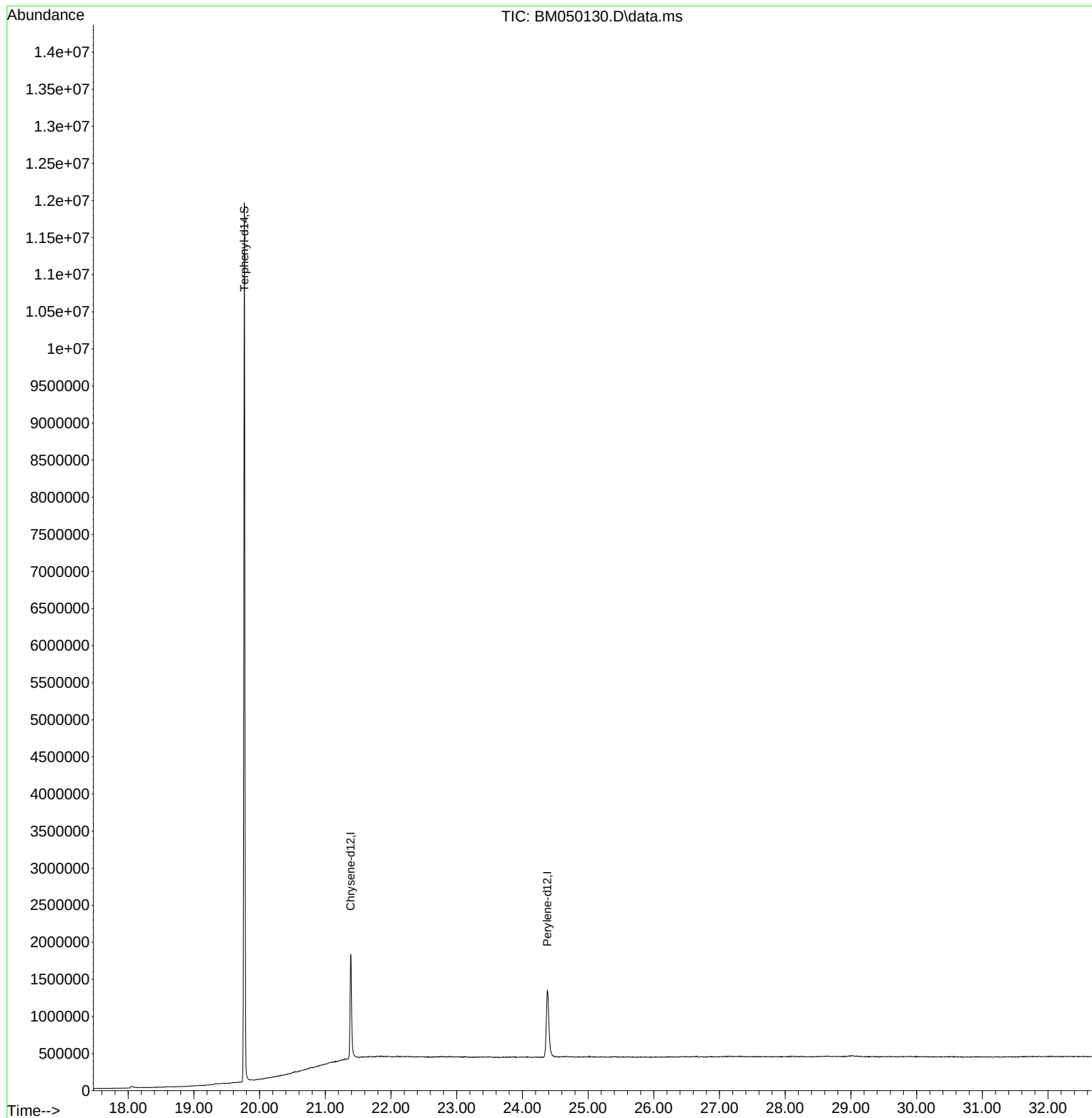
Quant Time: May 07 11:58:53 2025
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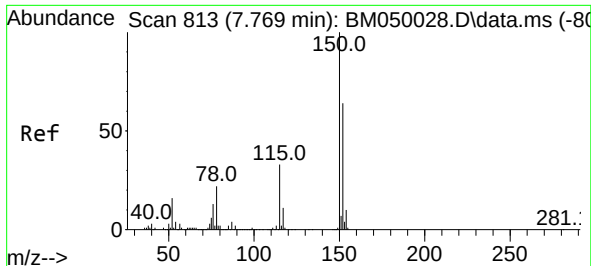


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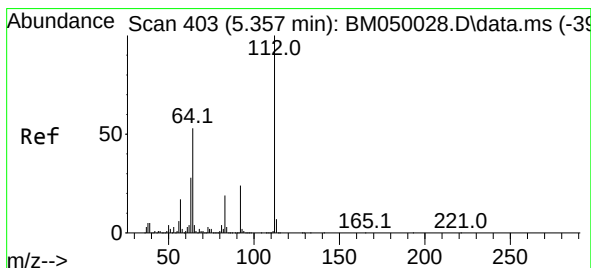
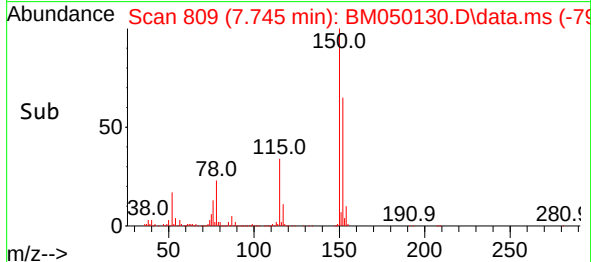
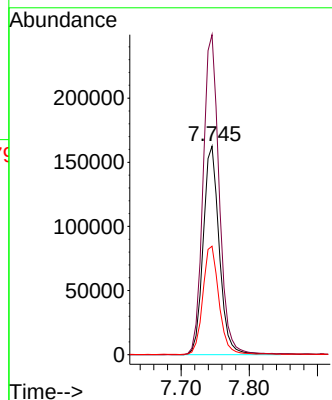
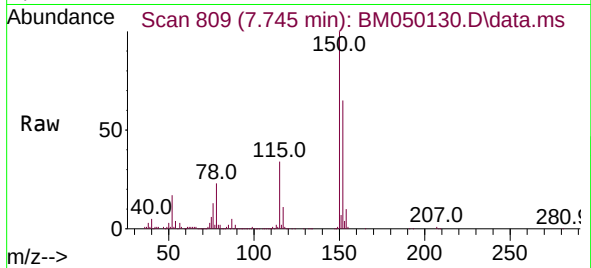




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 809
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

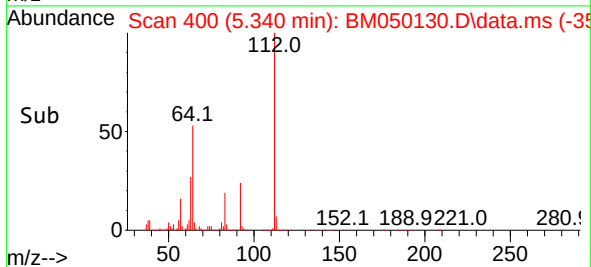
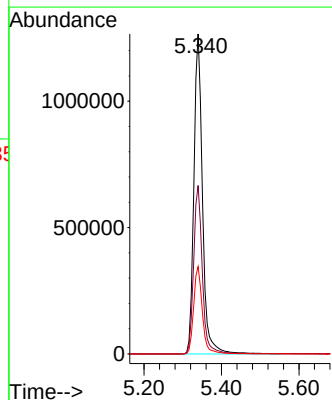
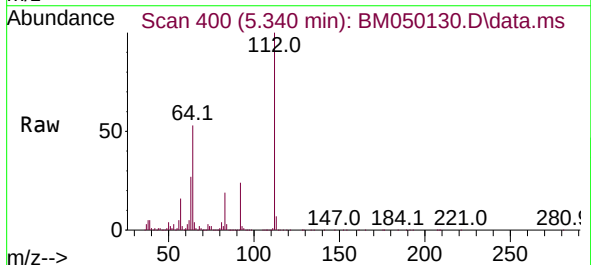
Instrument :
BNA_M
ClientSampleId :
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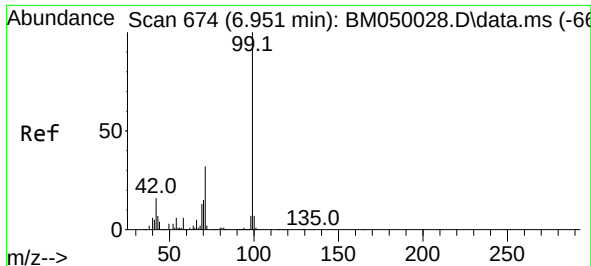
Tgt Ion:152 Resp: 266570
Ion Ratio Lower Upper
152 100
150 153.5 124.1 186.1
115 52.0 41.2 61.8



#5
2-Fluorophenol
Concen: 128.455 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:112 Resp: 1955505
Ion Ratio Lower Upper
112 100
64 52.7 42.6 64.0
63 27.3 22.2 33.4

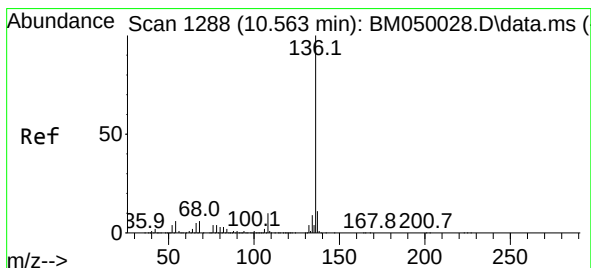
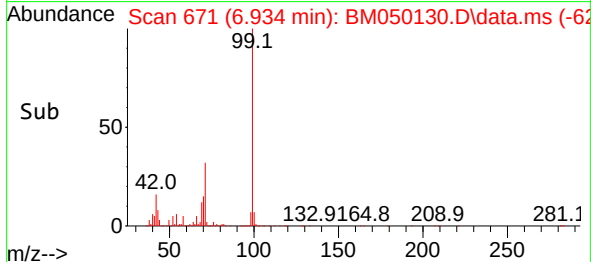
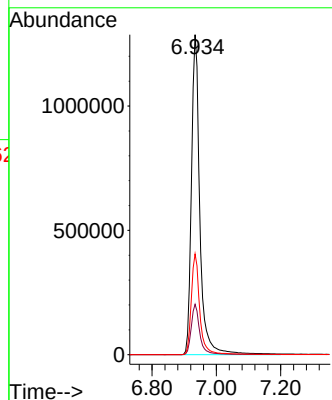
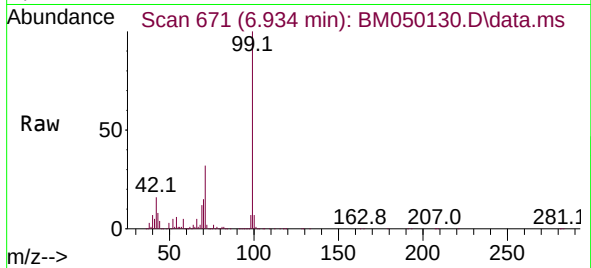




#7
Phenol-d6
Concen: 122.776 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

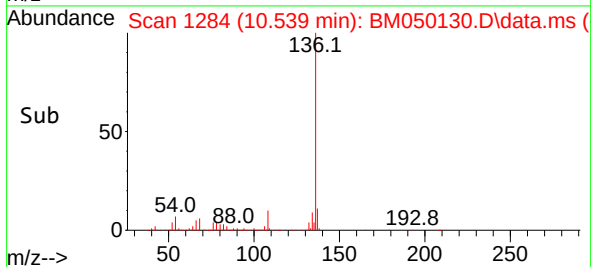
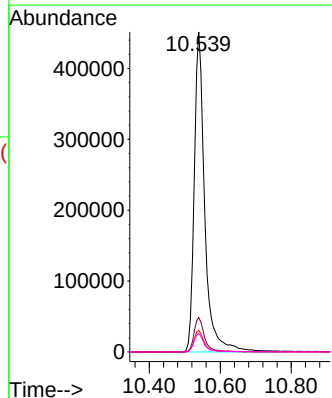
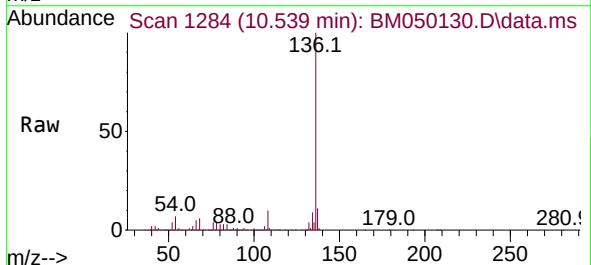
Instrument :
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ClientSampleId :
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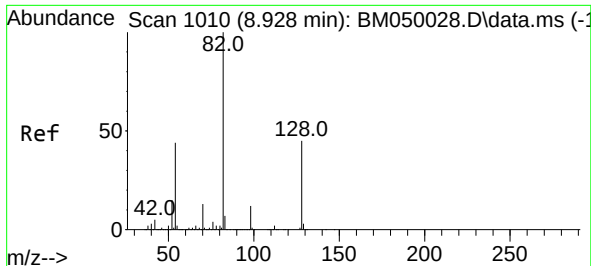
Tgt Ion: 99 Resp: 2349152
Ion Ratio Lower Upper
99 100
42 15.8 13.0 19.4
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion: 136 Resp: 933974
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.8 5.1 7.7
68 5.8 4.4 6.6

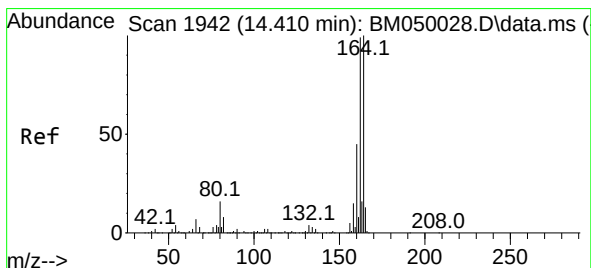
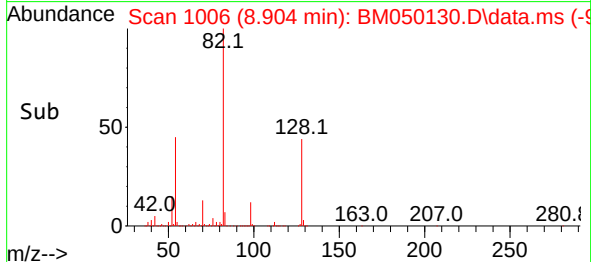
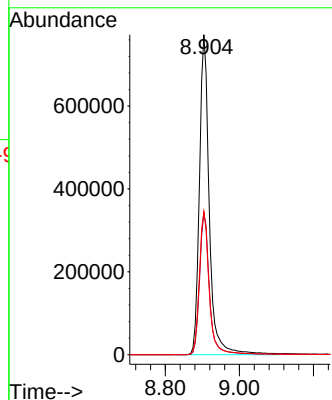
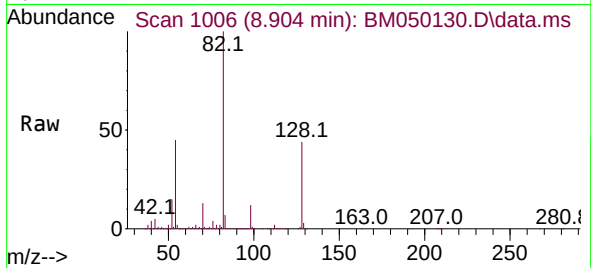




#23
 Nitrobenzene-d5
 Concen: 75.376 ng
 RT: 8.904 min Scan# 1010
 Delta R.T. -0.024 min
 Lab File: BM050130.D
 Acq: 07 May 2025 10:35

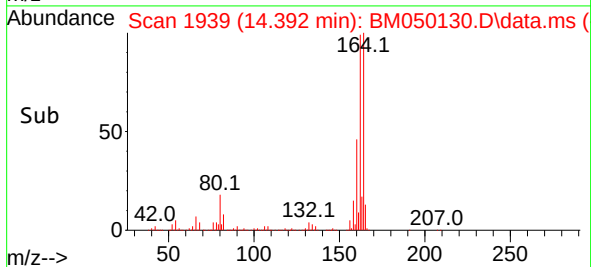
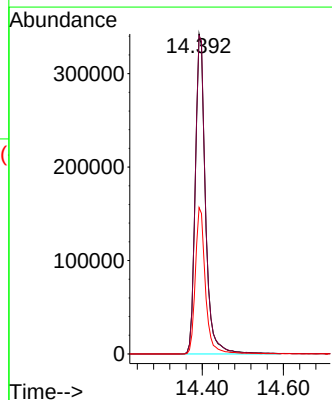
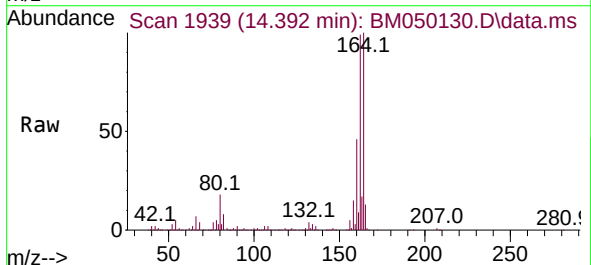
Instrument :
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 ClientSampleId :
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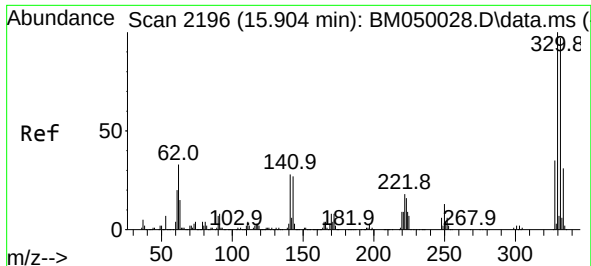
Tgt Ion: 82 Resp: 1428667
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.7 53.5
 54 44.7 35.4 53.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.392 min Scan# 1939
 Delta R.T. -0.018 min
 Lab File: BM050130.D
 Acq: 07 May 2025 10:35

Tgt Ion:164 Resp: 599928
 Ion Ratio Lower Upper
 164 100
 162 99.5 79.4 119.0
 160 45.7 36.2 54.4

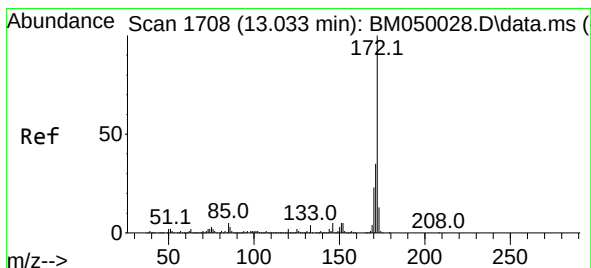
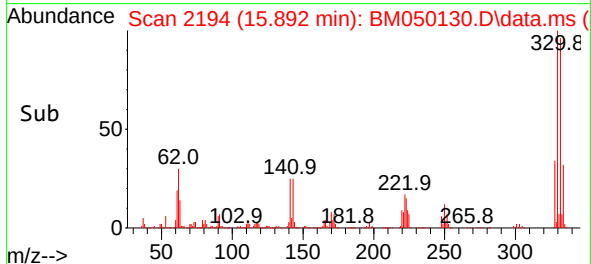
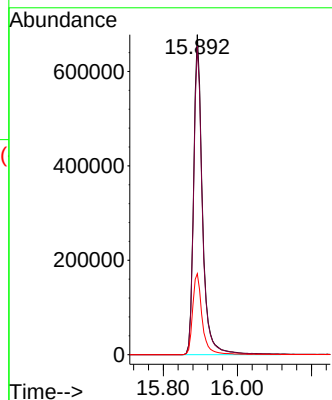
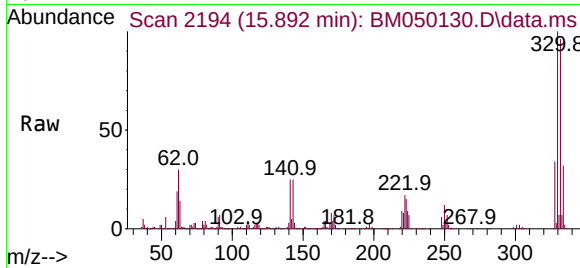




#42
2,4,6-Tribromophenol
Concen: 127.085 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

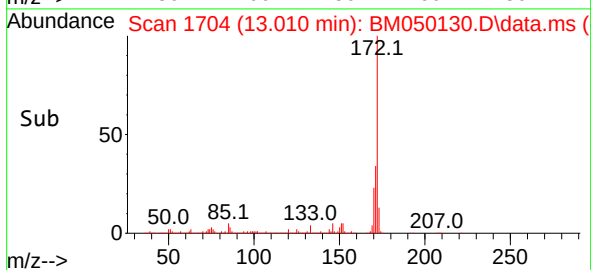
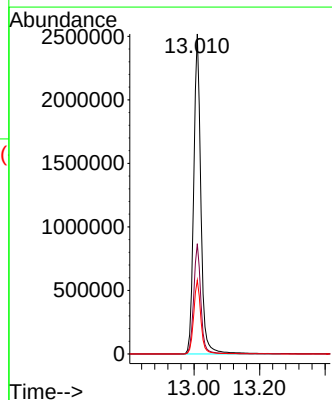
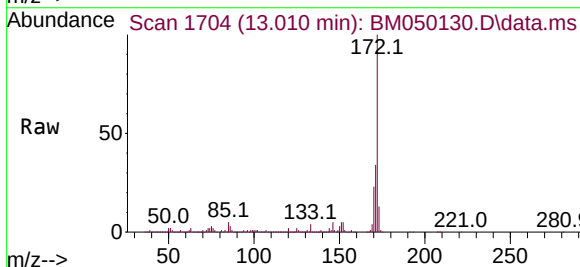
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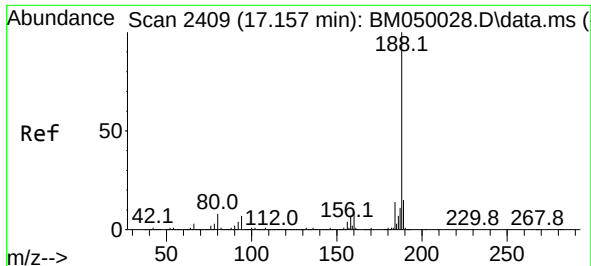
Tgt Ion:330 Resp: 1127339
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 27.3 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 75.487 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:172 Resp: 3828157
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.1 18.6 28.0

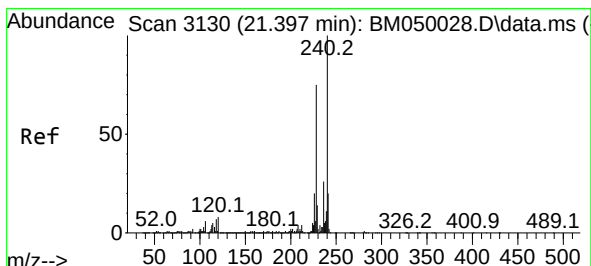
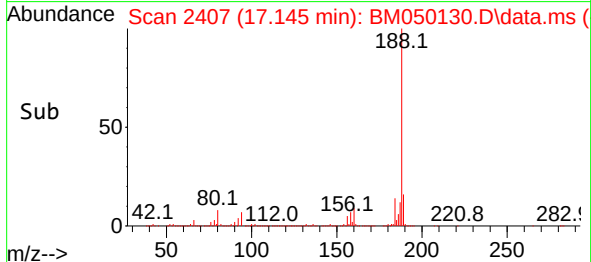
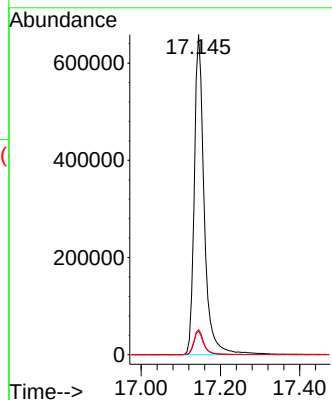
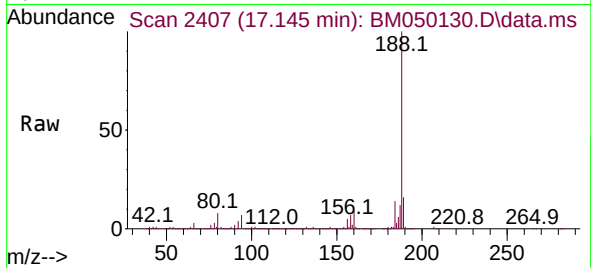




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

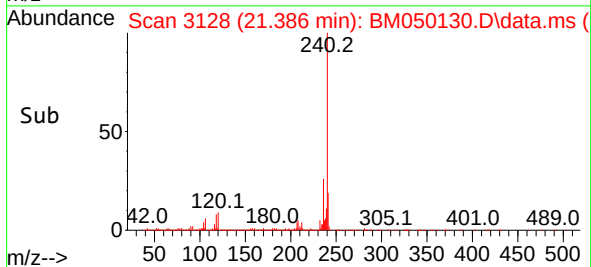
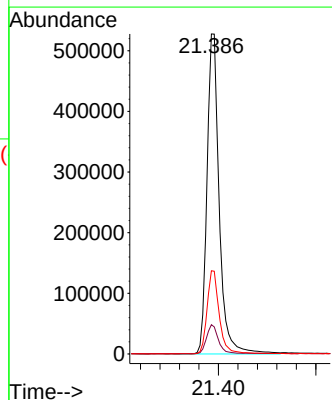
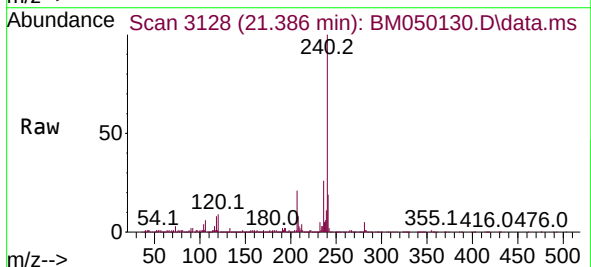
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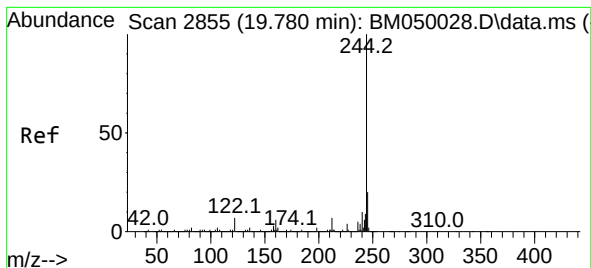
Tgt Ion:188 Resp: 1149458
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 7.8 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:240 Resp: 916515
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 89.934 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050130.D

Acq: 07 May 2025 10:35

Instrument :

BNA_M

ClientSampleId :

PB167879BL

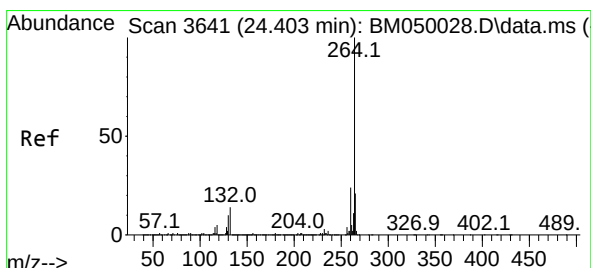
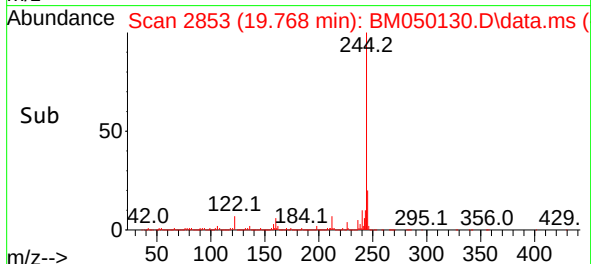
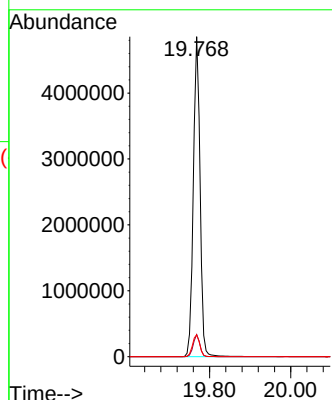
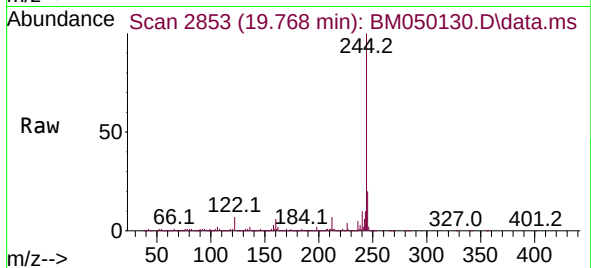
Tgt Ion:244 Resp: 5570275

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 6.9 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.380 min Scan# 3637

Delta R.T. -0.024 min

Lab File: BM050130.D

Acq: 07 May 2025 10:35

Tgt Ion:264 Resp: 987965

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.4 17.0 25.4

