

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050141.D
 Acq On : 08 May 2025 11:21
 Operator : RC/JU
 Sample : PB167889BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BL

Quant Time: May 08 12:15:28 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	7.739	152	284899	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	988666	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	615934	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1138365	20.000	ng	0.00
76) Chrysene-d12	21.391	240	926404	20.000	ng	0.00
86) Perylene-d12	24.385	264	1008661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2187119	134.427	ng	0.00
7) Phenol-d6	6.934	99	2617121	127.981	ng	0.00
23) Nitrobenzene-d5	8.904	82	1582925	78.895	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1174696	128.983	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4198005	80.628	ng	0.00
79) Terphenyl-d14	19.768	244	5770748	92.176	ng	0.00

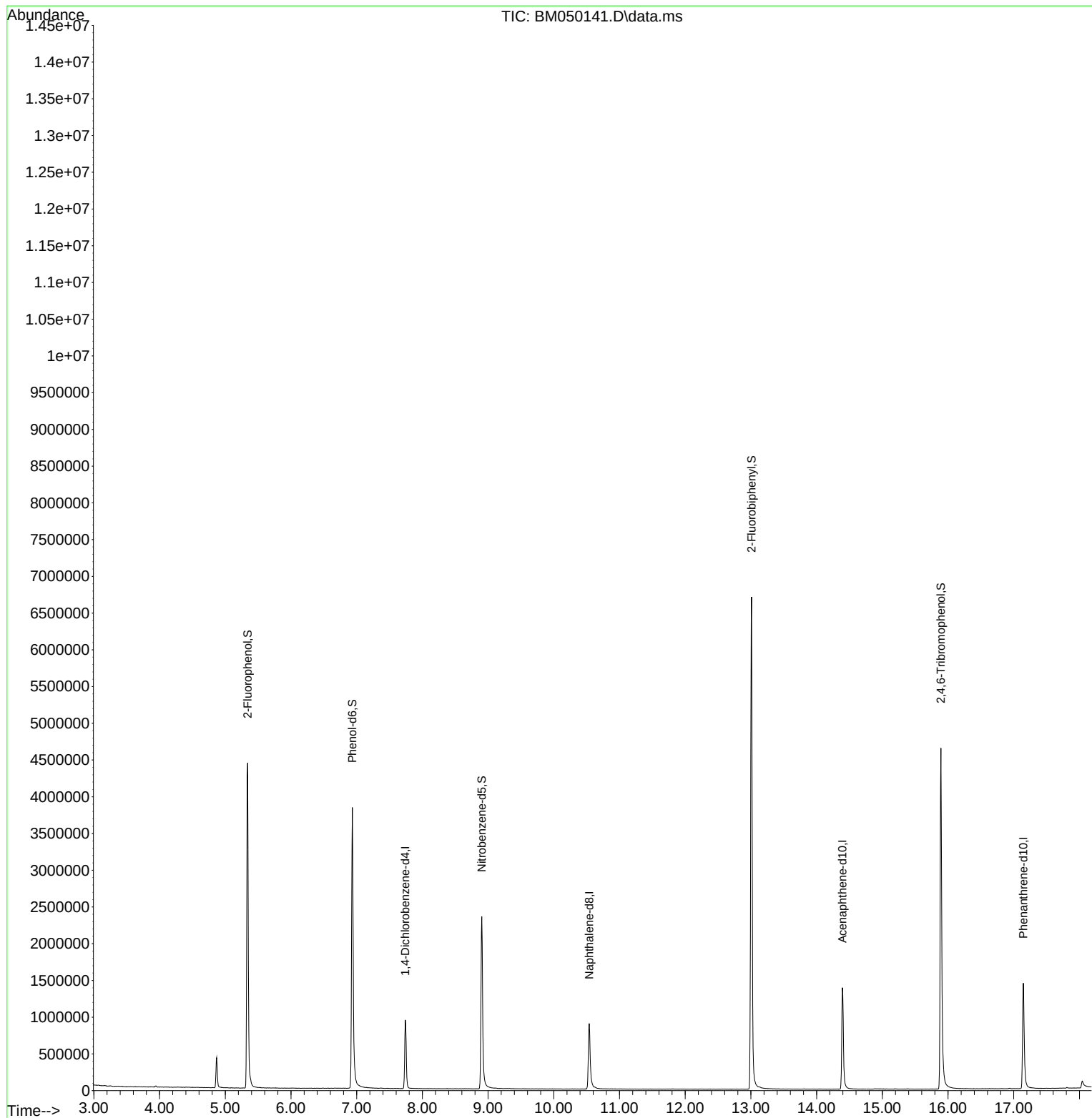
Target Compounds	Qvalue

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

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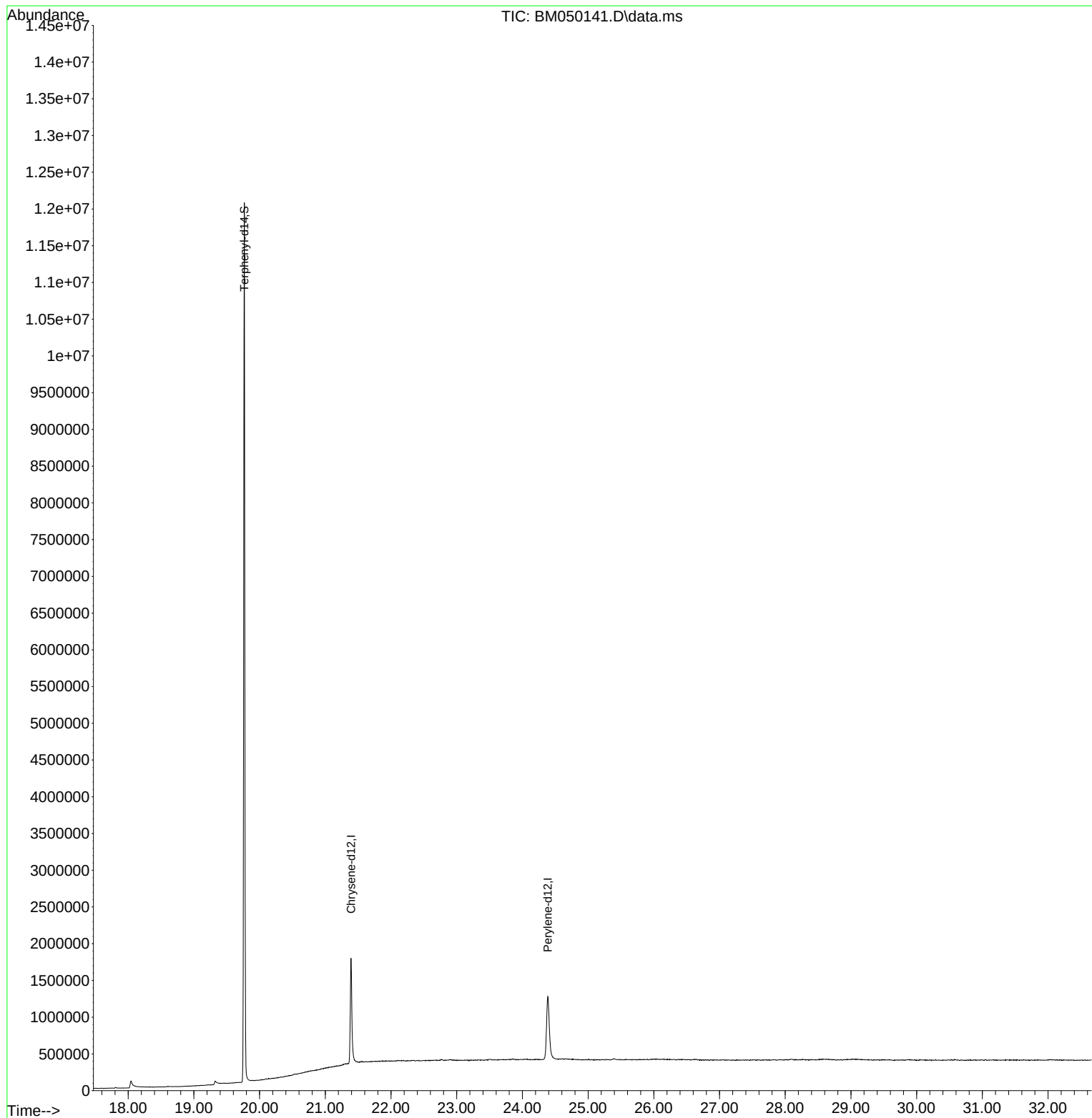
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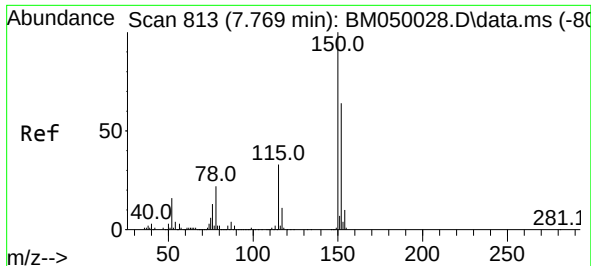


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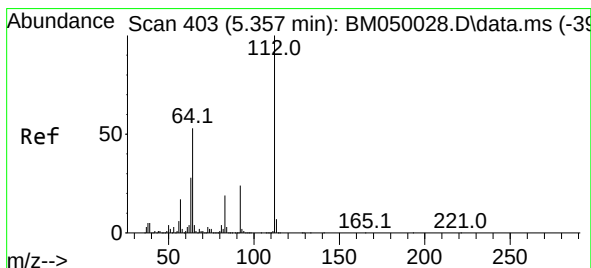
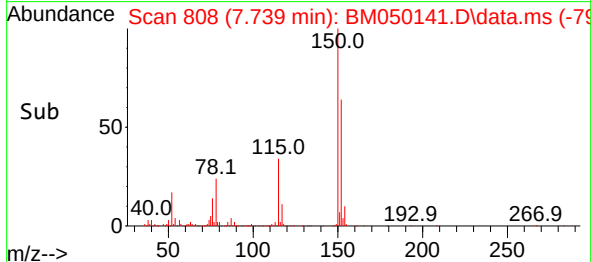
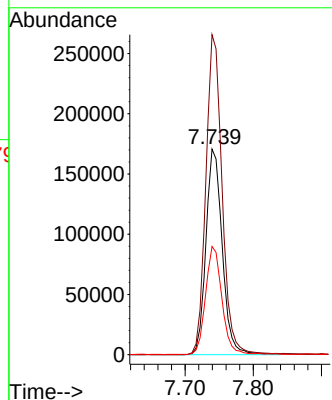
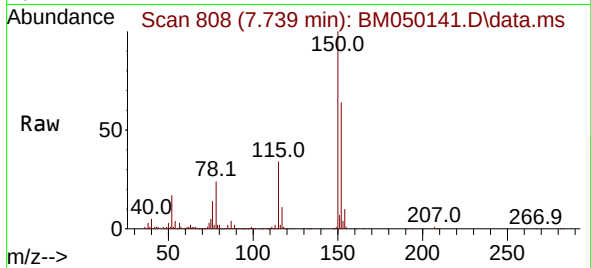




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.739 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

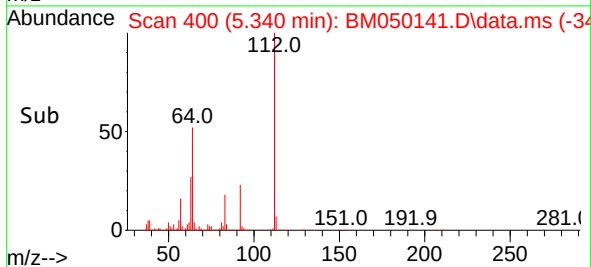
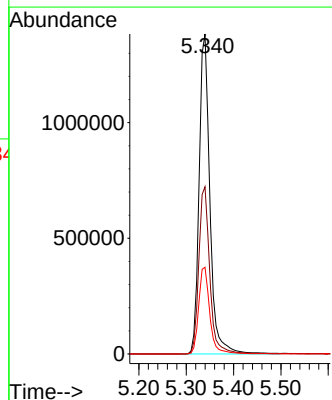
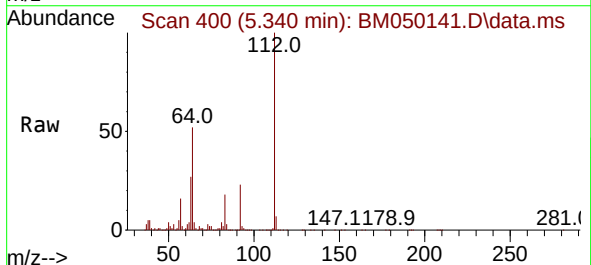
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BNA_M
ClientSampleId :
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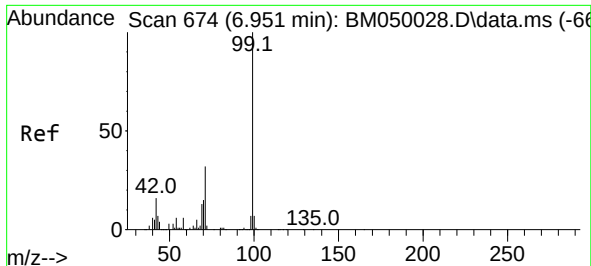
Tgt Ion:152 Resp: 284899
Ion Ratio Lower Upper
152 100
150 155.6 124.1 186.1
115 52.6 41.2 61.8



#5
2-Fluorophenol
Concen: 134.427 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:112 Resp: 2187119
Ion Ratio Lower Upper
112 100
64 52.2 42.6 64.0
63 27.1 22.2 33.4

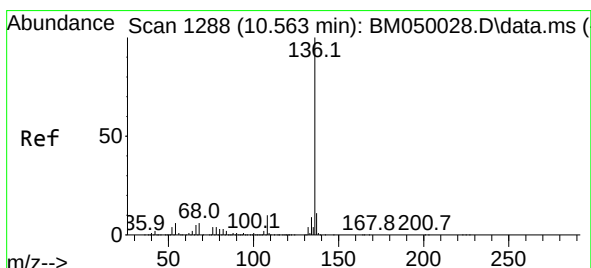
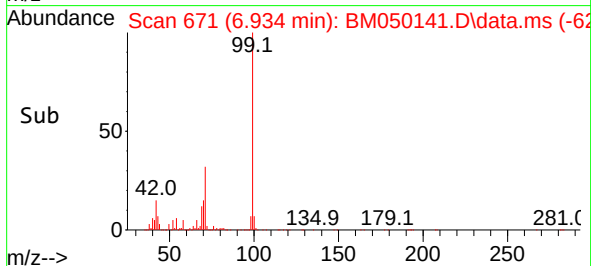
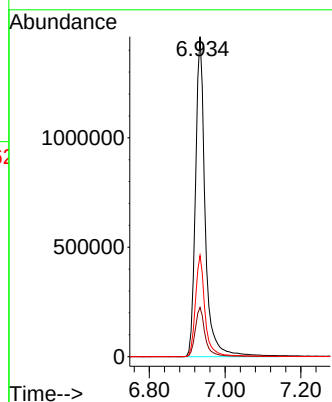
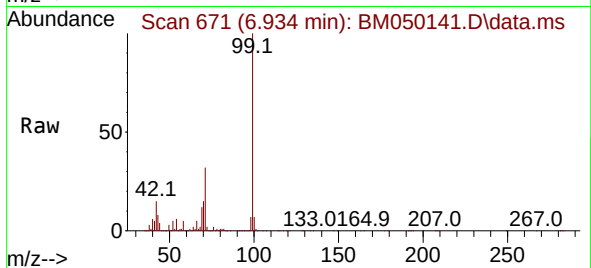




#7
Phenol-d6
Concen: 127.981 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

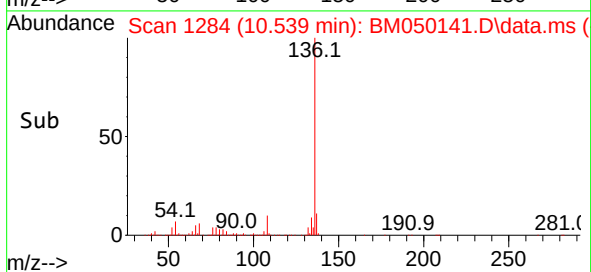
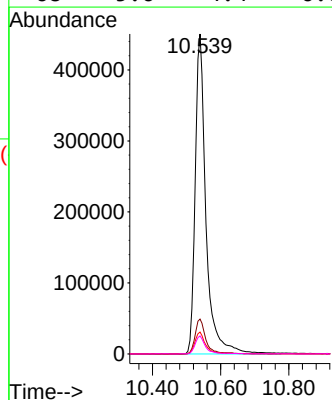
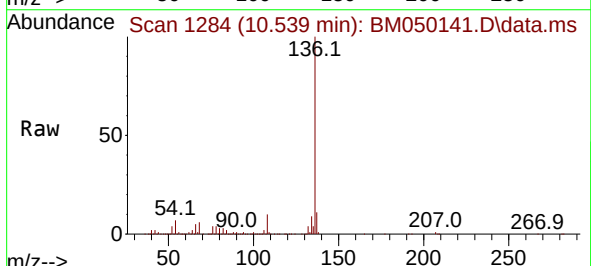
Instrument :
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ClientSampleId :
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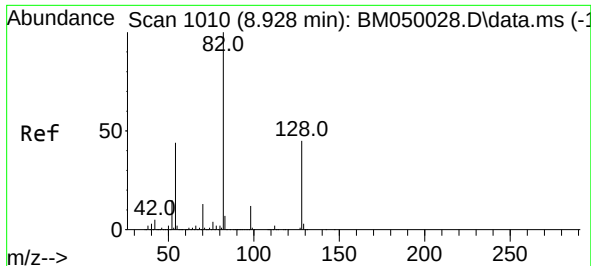
Tgt Ion: 99 Resp: 2617121
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion: 136 Resp: 988666
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 5.1 7.7
68 5.6 4.4 6.6

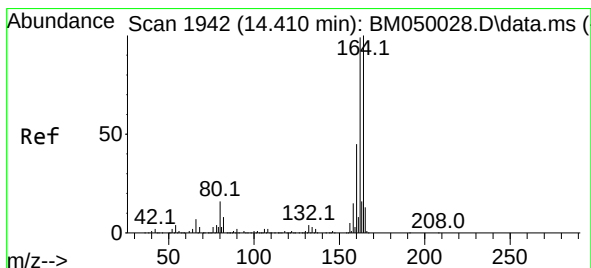
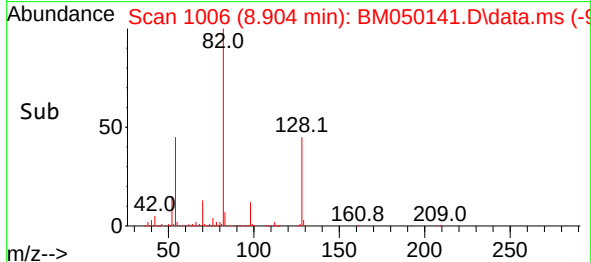
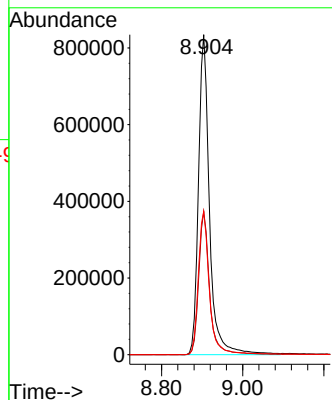
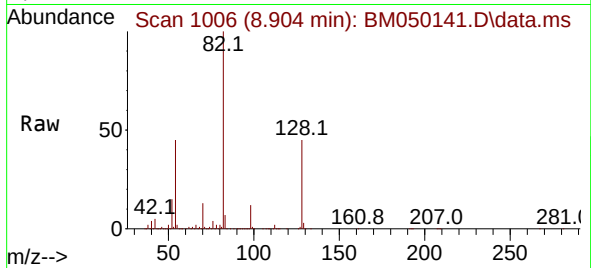




#23
 Nitrobenzene-d5
 Concen: 78.895 ng
 RT: 8.904 min Scan# 1006
 Delta R.T. -0.000 min
 Lab File: BM050141.D
 Acq: 08 May 2025 11:21

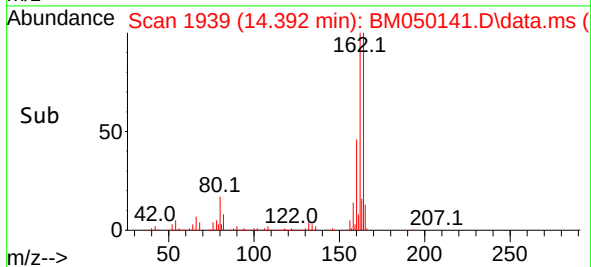
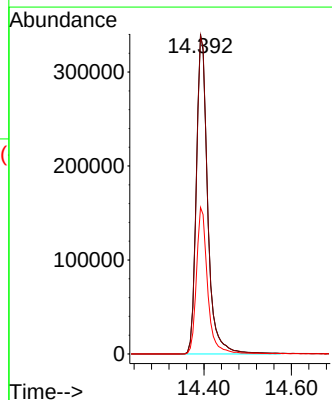
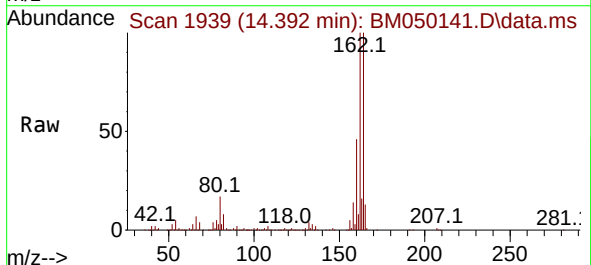
Instrument :
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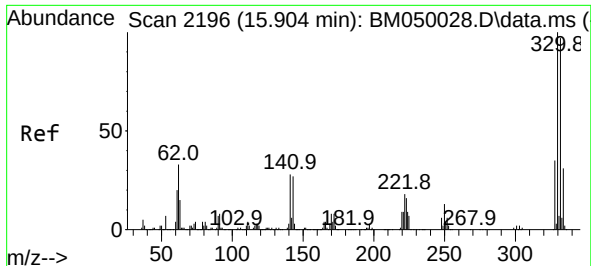
Tgt Ion: 82 Resp: 1582925
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.7 53.5
 54 44.8 35.4 53.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.392 min Scan# 1939
 Delta R.T. -0.000 min
 Lab File: BM050141.D
 Acq: 08 May 2025 11:21

Tgt Ion:164 Resp: 615934
 Ion Ratio Lower Upper
 164 100
 162 99.6 79.4 119.0
 160 45.8 36.2 54.4

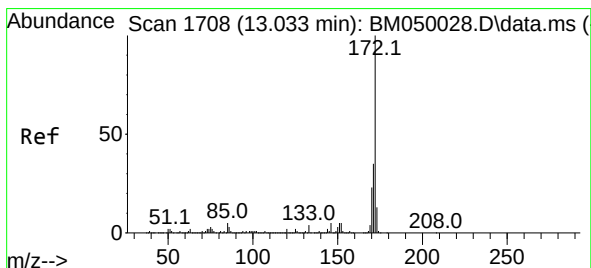
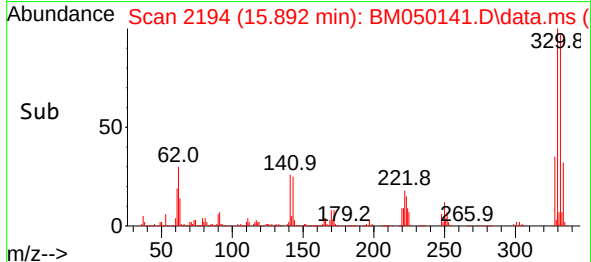
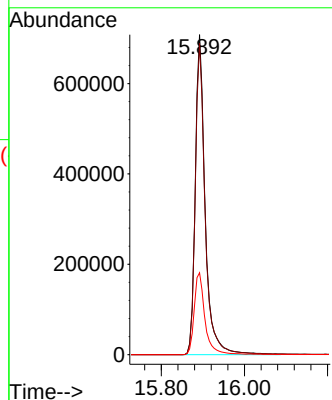
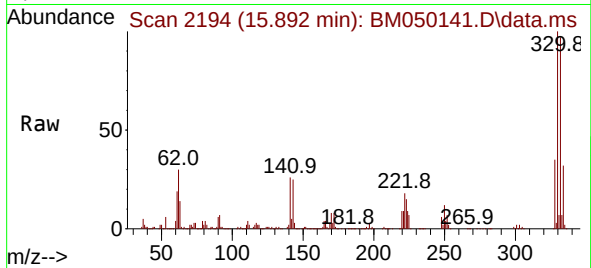




#42
2,4,6-Tribromophenol
Concen: 128.983 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

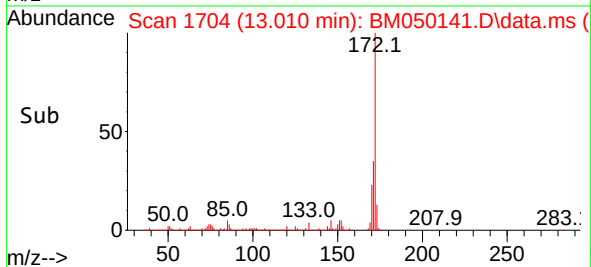
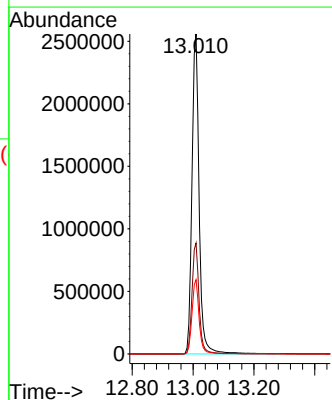
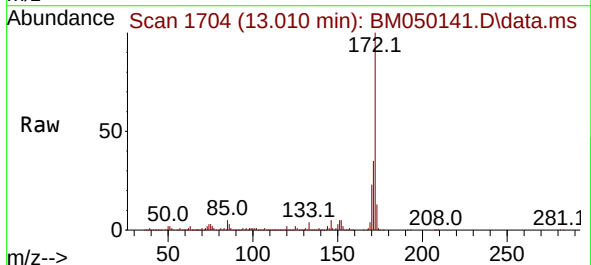
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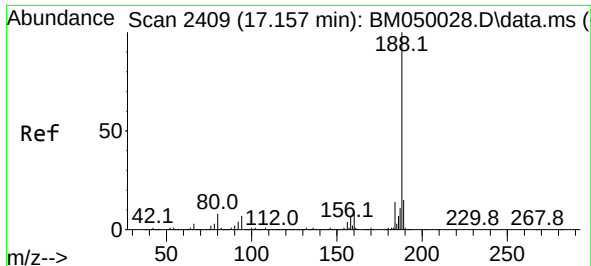
Tgt Ion:330 Resp: 1174696
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 28.1 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 80.628 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:172 Resp: 4198005
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.6 28.0

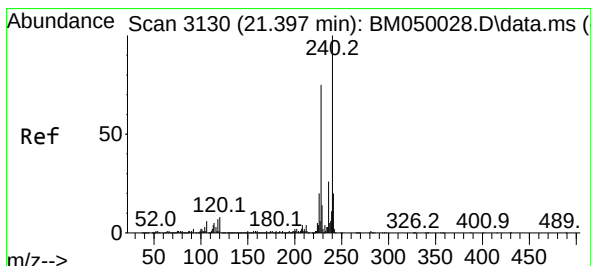
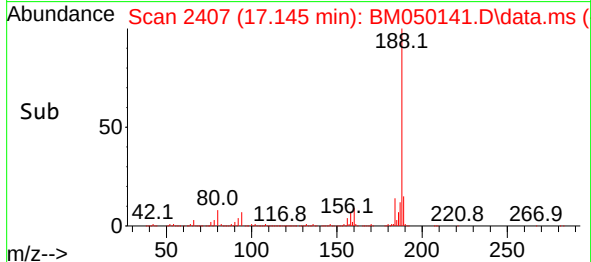
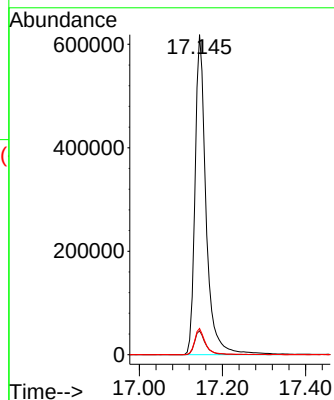
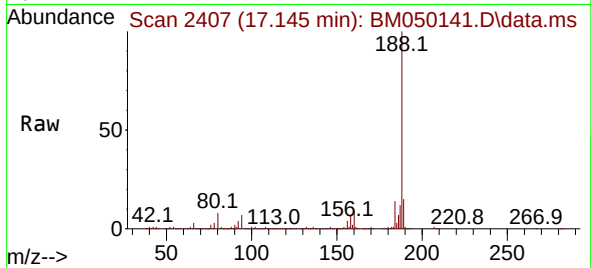




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

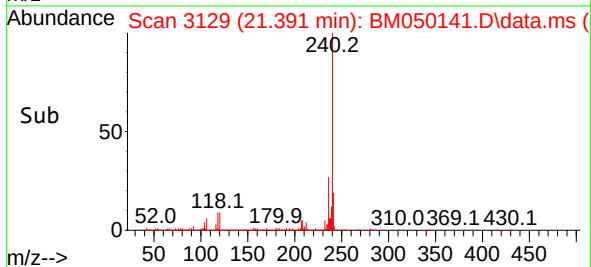
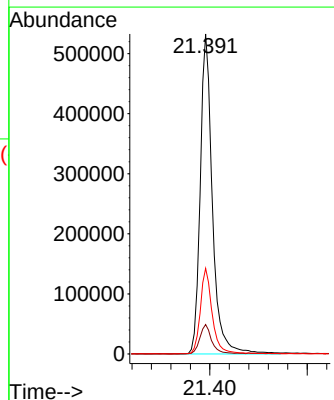
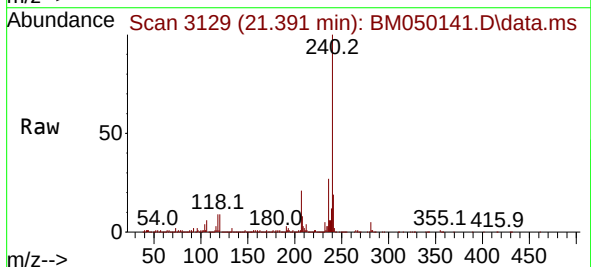
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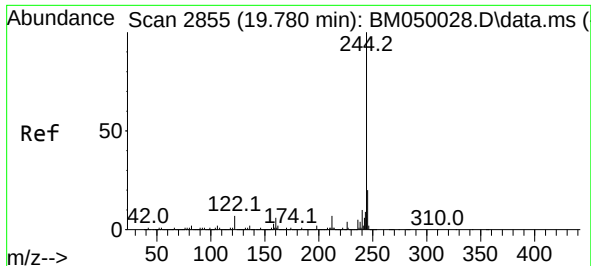
Tgt Ion:188 Resp: 1138365
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.2 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.391 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:240 Resp: 926404
Ion Ratio Lower Upper
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120 9.2 6.5 9.7
236 26.7 20.9 31.3

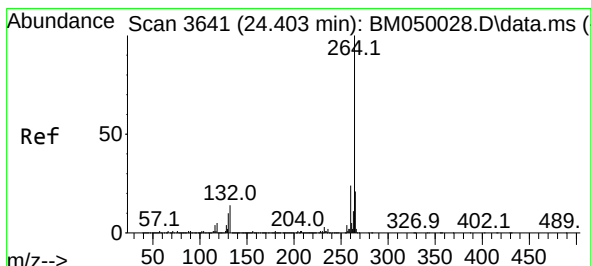
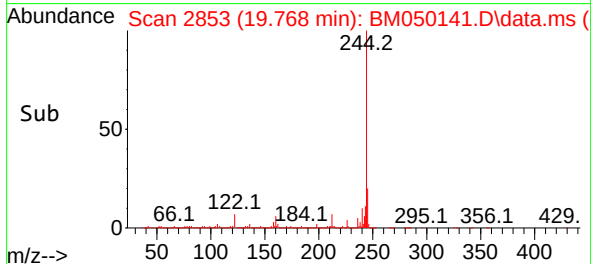
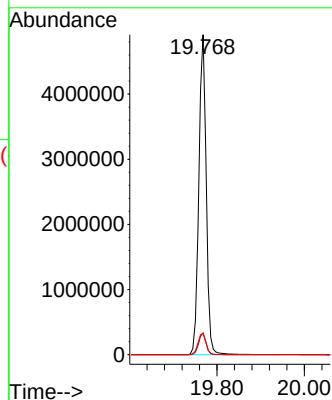
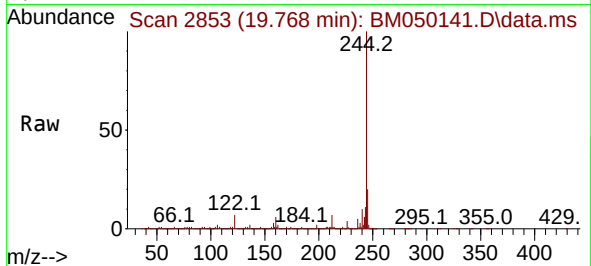




#79
 Terphenyl-d14
 Concen: 92.176 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM050141.D
 Acq: 08 May 2025 11:21

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BL

Tgt Ion:244 Resp: 5770748
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.385 min Scan# 3638
 Delta R.T. 0.006 min
 Lab File: BM050141.D
 Acq: 08 May 2025 11:21

Tgt Ion:264 Resp: 1008661
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.7 17.0 25.4

