

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050270.D
 Acq On : 10 Jun 2025 10:01
 Operator : RC/JU
 Sample : Q2240-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Jun 10 10:40:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	321322	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1209670	20.000	ng	# 0.00
39) Acenaphthene-d10	14.392	164	649701	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1196386	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1211969	20.000	ng	-0.01
86) Perylene-d12	24.333	264	1270889	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2776703	144.152	ng	0.00
7) Phenol-d6	6.934	99	3113951	122.805	ng	0.00
23) Nitrobenzene-d5	8.916	82	2230921	95.916	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1051537	142.294	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4261052	88.792	ng	0.00
79) Terphenyl-d14	19.762	244	5402338	84.470	ng	0.00

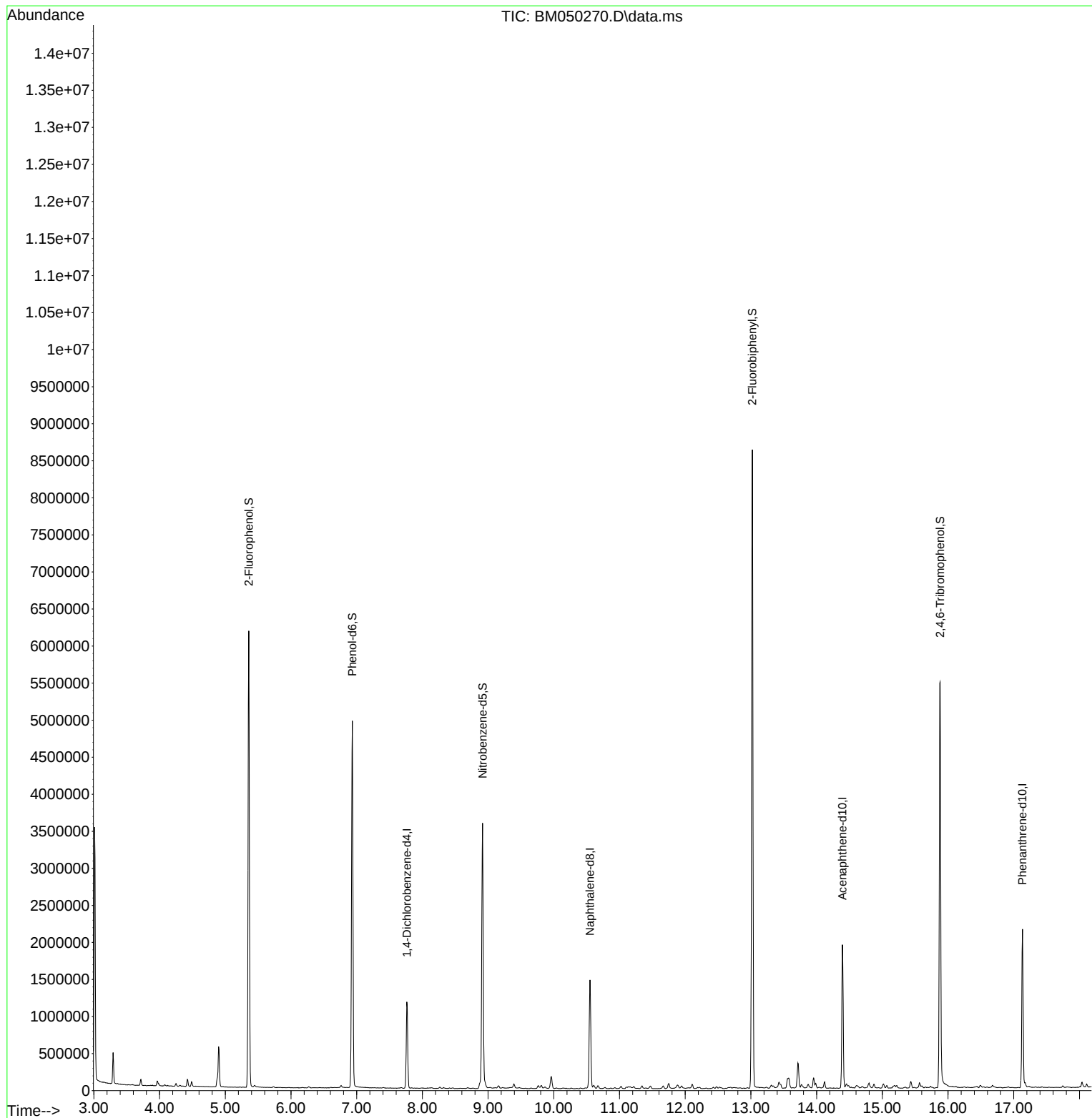
Target Compounds	Qvalue

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

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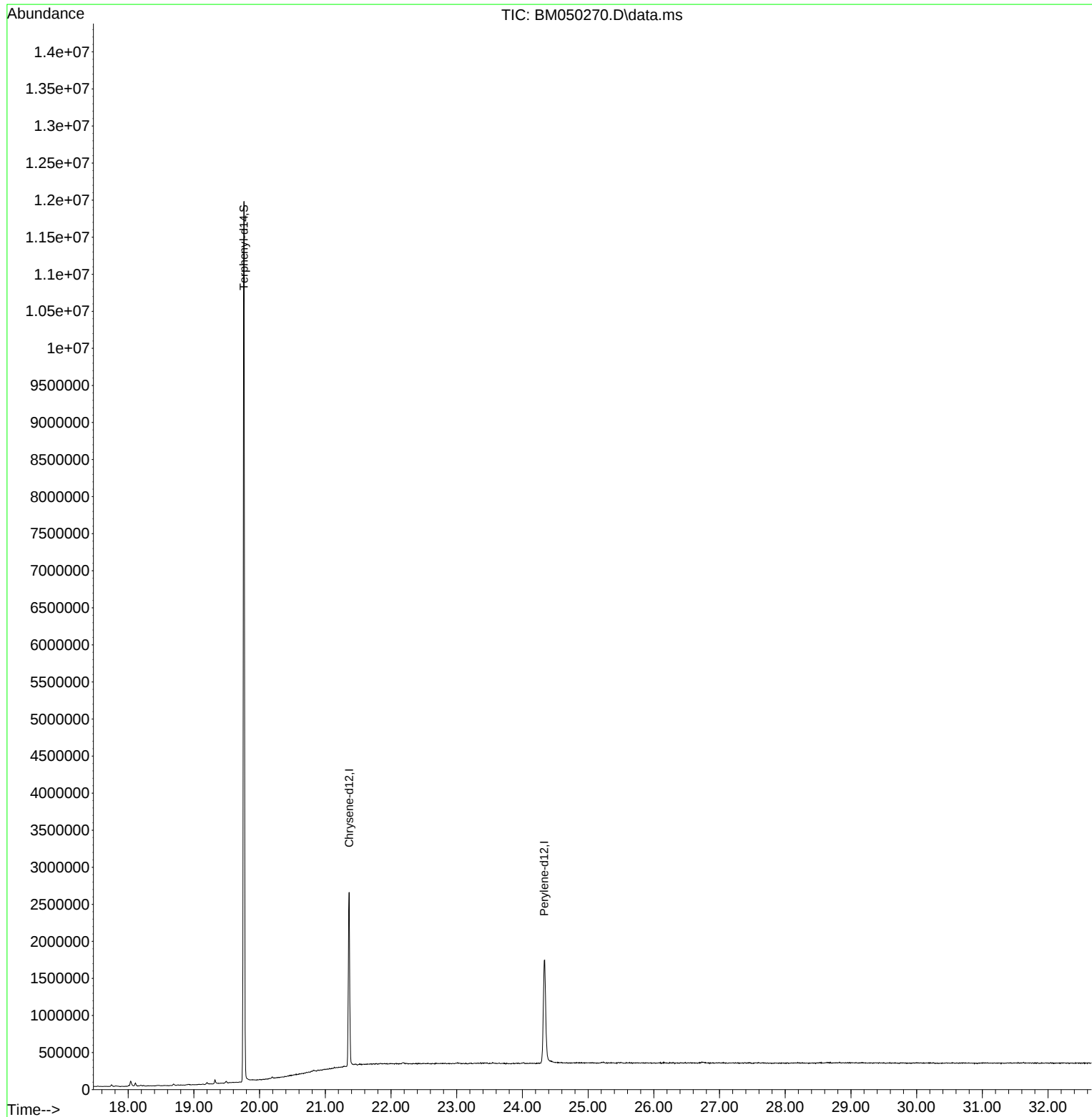
Quant Time: Jun 10 10:40:51 2025
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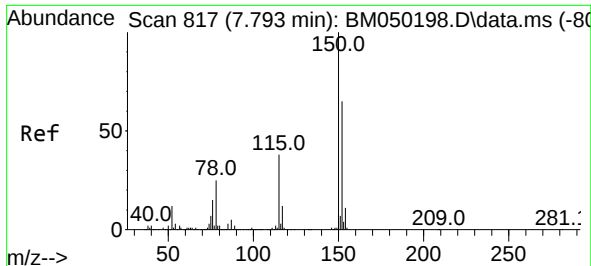


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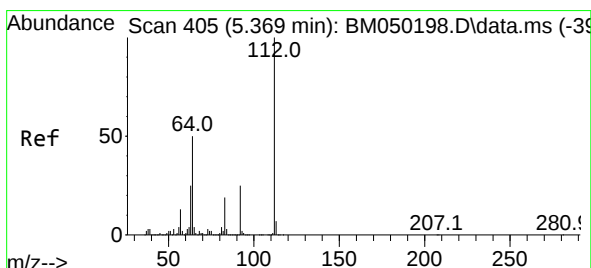
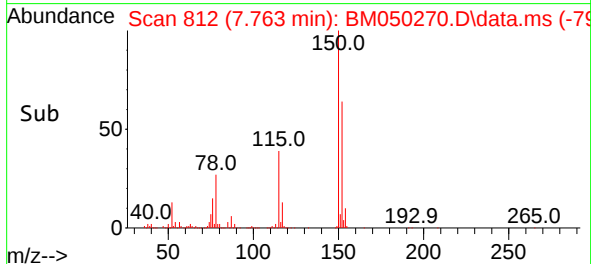
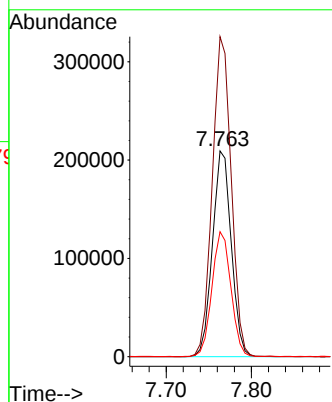
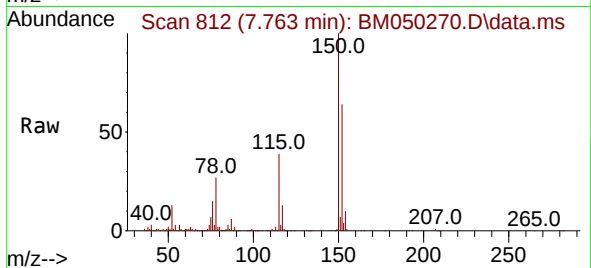




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050270.D
Acq: 10 Jun 2025 10:01

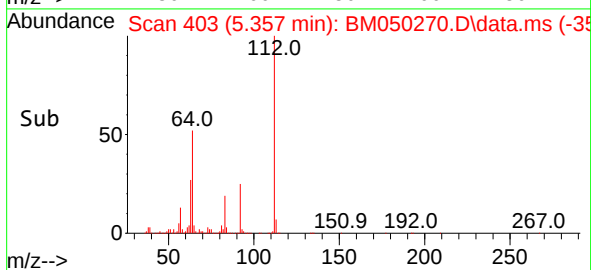
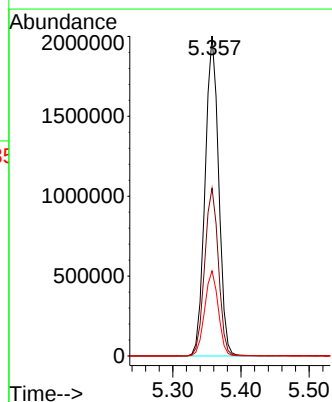
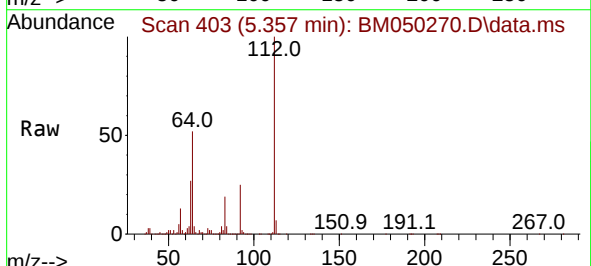
Instrument :
BNA_M
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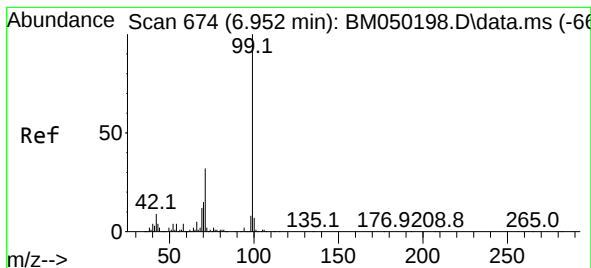
Tgt Ion:152 Resp: 321322
Ion Ratio Lower Upper
152 100
150 155.5 122.2 183.4
115 60.7 46.3 69.5



#5
2-Fluorophenol
Concen: 144.152 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050270.D
Acq: 10 Jun 2025 10:01

Tgt Ion:112 Resp: 2776703
Ion Ratio Lower Upper
112 100
64 52.4 39.8 59.6
63 26.6 19.8 29.8





#7

Phenol-d6

Concen: 122.805 ng

RT: 6.934 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM050270.D

Acq: 10 Jun 2025 10:01

Instrument :

BNA_M

ClientSampleId :

TP-3

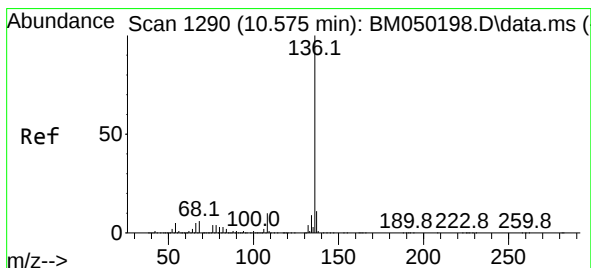
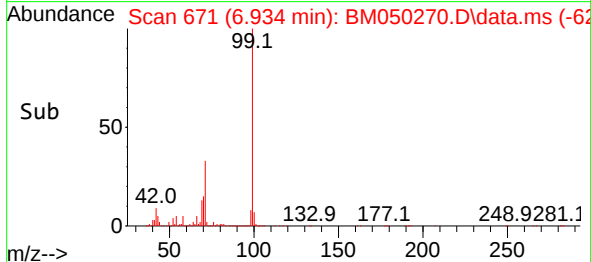
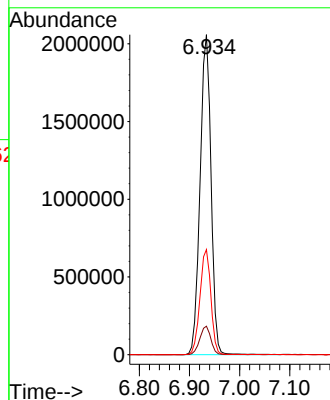
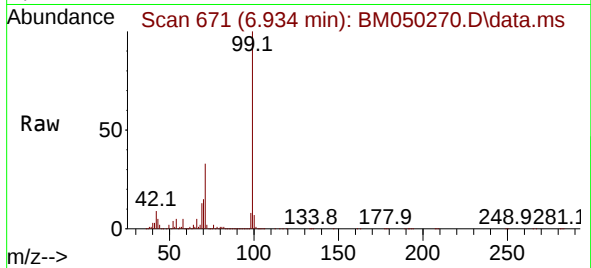
Tgt Ion: 99 Resp: 3113951

Ion Ratio Lower Upper

99 100

42 8.9 6.9 10.3

71 32.8 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.551 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BM050270.D

Acq: 10 Jun 2025 10:01

Tgt Ion:136 Resp: 1209670

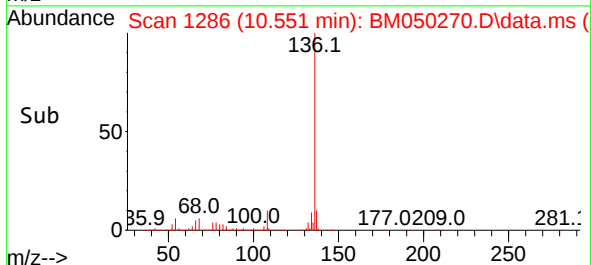
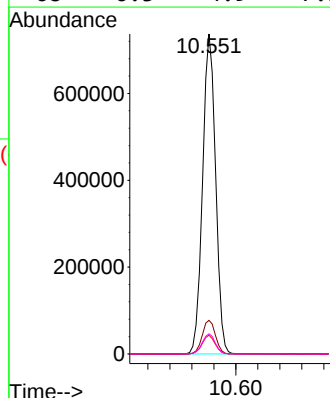
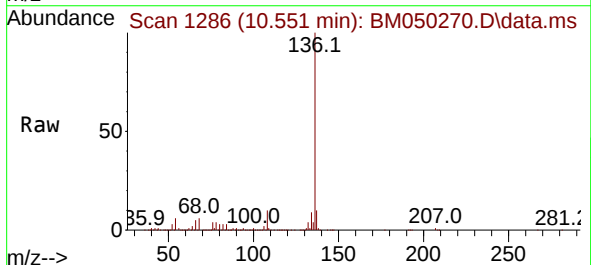
Ion Ratio Lower Upper

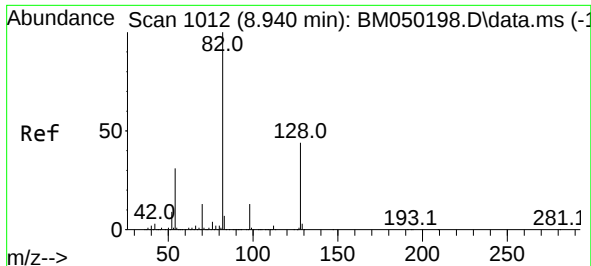
136 100

137 10.5 8.6 13.0

54 5.9 3.8 5.8#

68 6.3 4.9 7.3

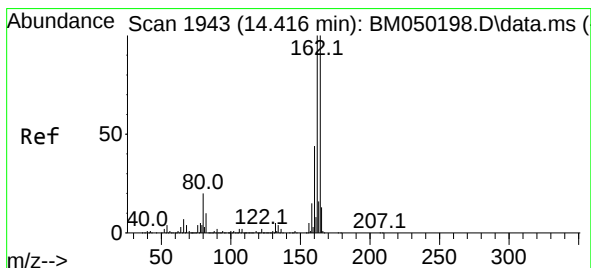
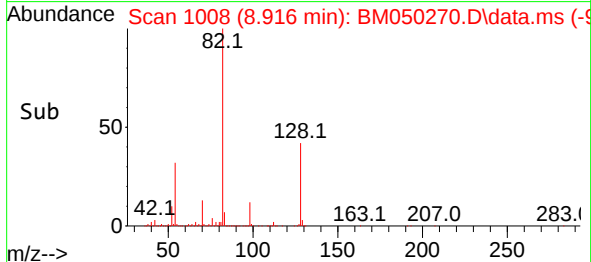
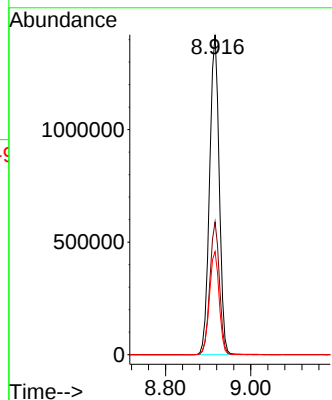
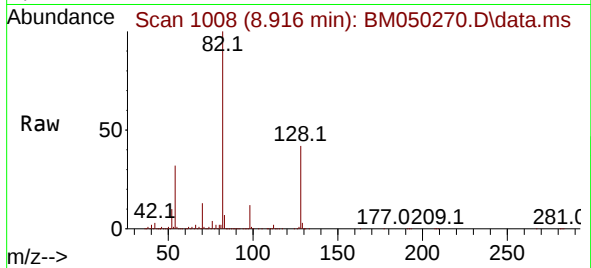




#23
 Nitrobenzene-d5
 Concen: 95.916 ng
 RT: 8.916 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: BM050270.D
 Acq: 10 Jun 2025 10:01

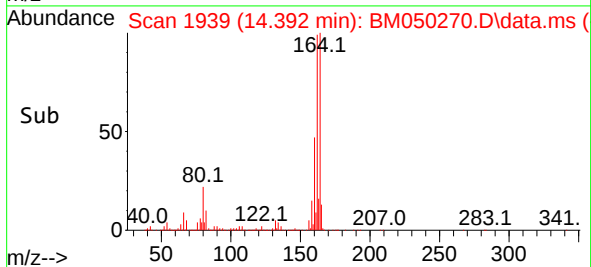
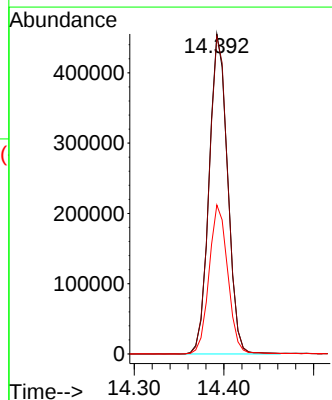
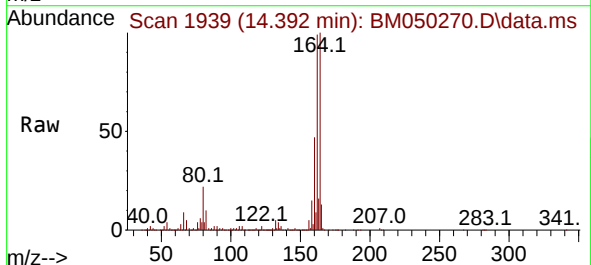
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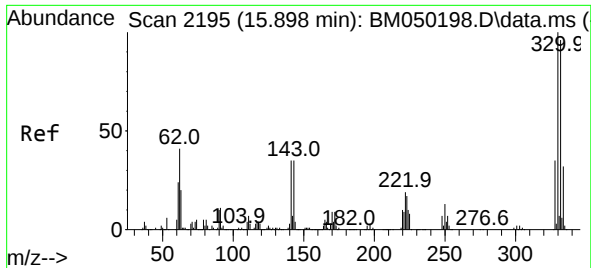
Tgt Ion: 82 Resp: 2230921
 Ion Ratio Lower Upper
 82 100
 128 41.5 35.2 52.8
 54 32.2 24.5 36.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.392 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM050270.D
 Acq: 10 Jun 2025 10:01

Tgt Ion: 164 Resp: 649701
 Ion Ratio Lower Upper
 164 100
 162 99.3 80.2 120.4
 160 46.6 35.7 53.5

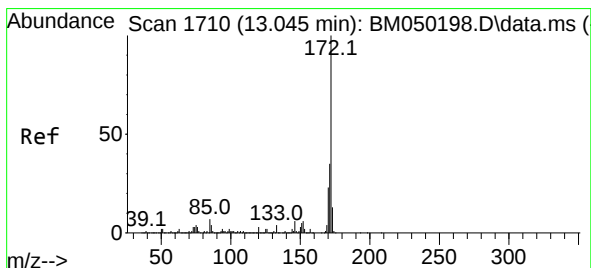
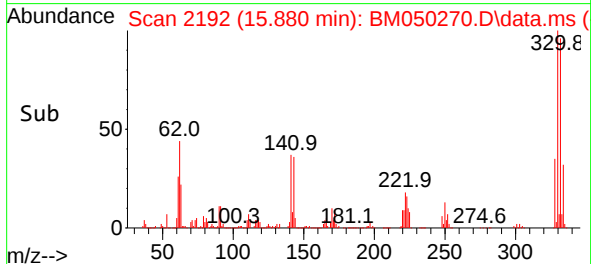
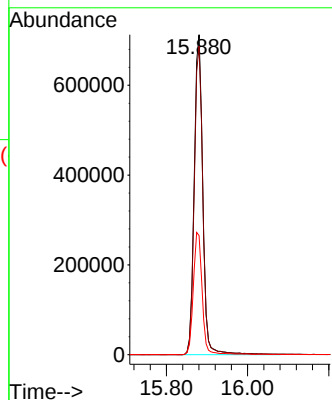
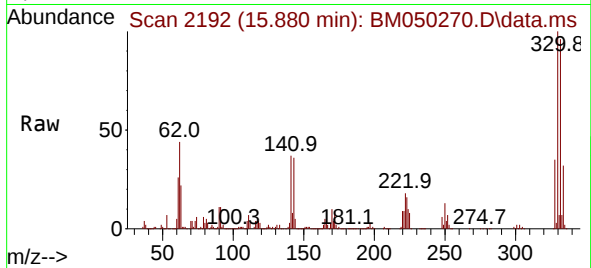




#42
2,4,6-Tribromophenol
Concen: 142.294 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050270.D
Acq: 10 Jun 2025 10:01

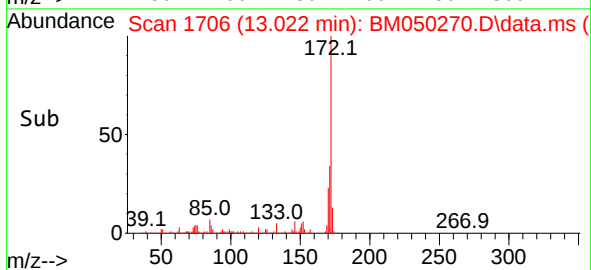
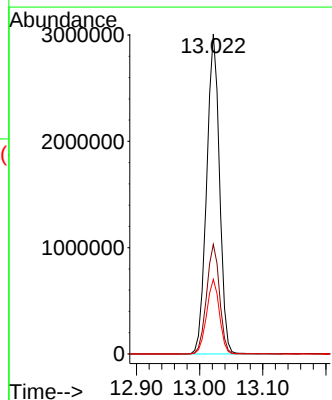
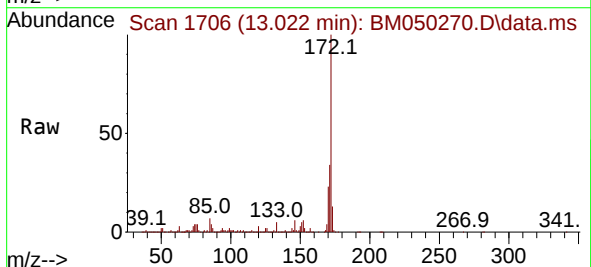
Instrument :
BNA_M
ClientSampleId :
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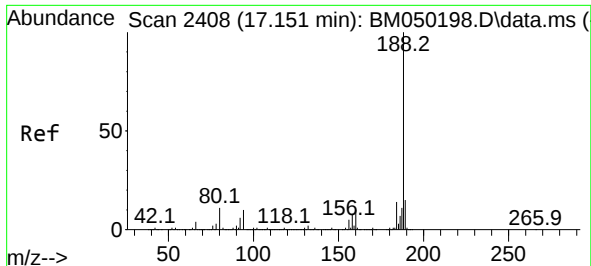
Tgt Ion:330 Resp: 1051537
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 39.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.792 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050270.D
Acq: 10 Jun 2025 10:01

Tgt Ion:172 Resp: 4261052
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.3 18.6 27.8

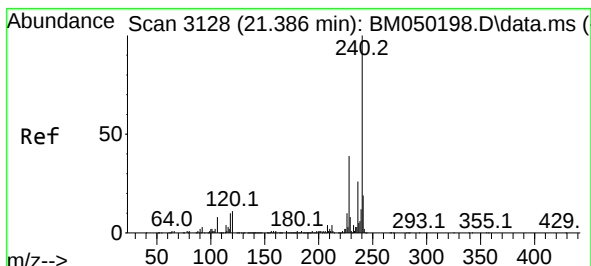
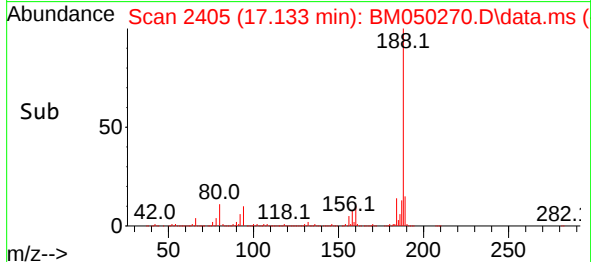
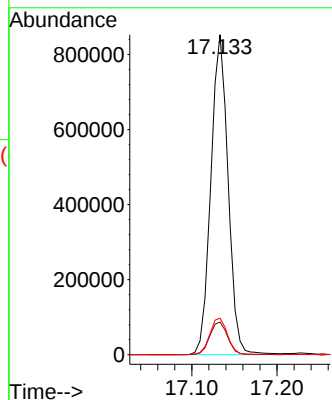
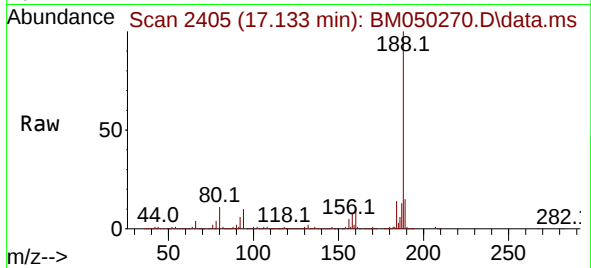




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050270.D
Acq: 10 Jun 2025 10:01

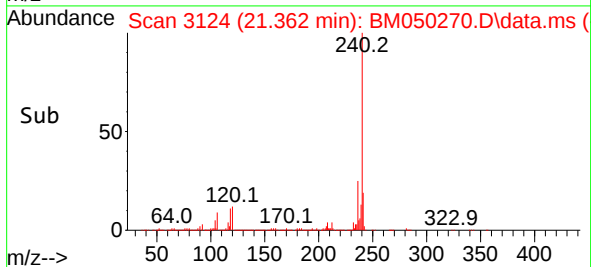
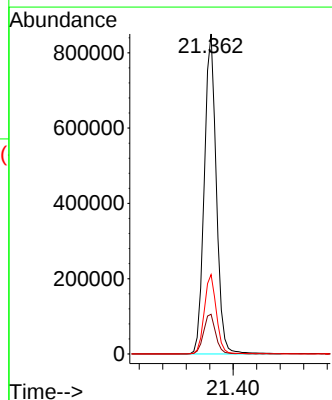
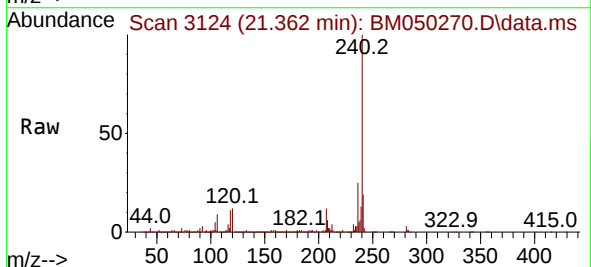
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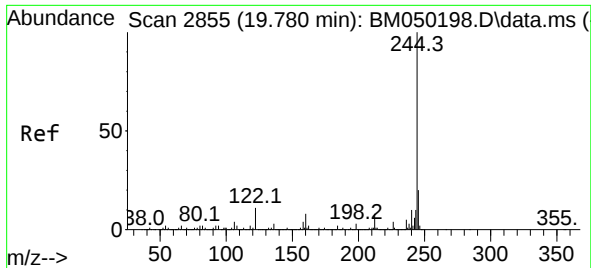
Tgt Ion:188 Resp: 1196386
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050270.D
Acq: 10 Jun 2025 10:01

Tgt Ion:240 Resp: 1211969
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.4
236 24.8 20.7 31.1

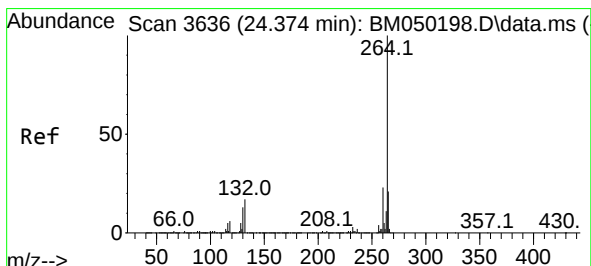
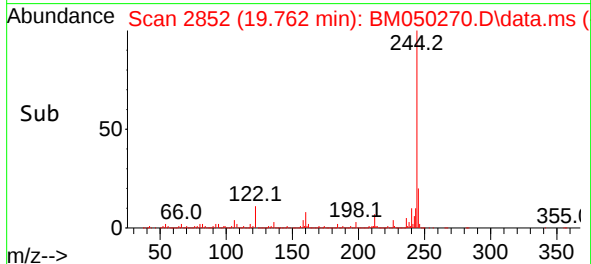
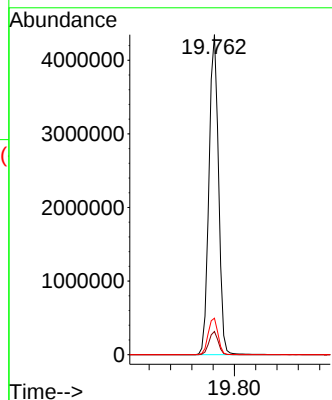
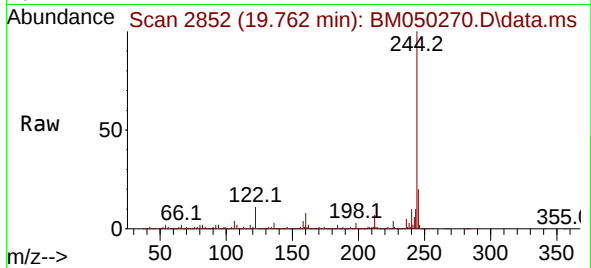




#79
 Terphenyl-d14
 Concen: 84.470 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050270.D
 Acq: 10 Jun 2025 10:01

Instrument :
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 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 5402338
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.333 min Scan# 3629
 Delta R.T. -0.012 min
 Lab File: BM050270.D
 Acq: 10 Jun 2025 10:01

Tgt Ion:264 Resp: 1270889
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.1 16.8 25.2

