

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050260.D
 Acq On : 10 Jun 2025 02:51
 Operator : RC/JU
 Sample : Q2265-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP11-MHL-WC

Quant Time: Jun 10 04:16:08 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	7.769	152	368436	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1400216	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	751044	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1320622	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1227807	20.000	ng	-0.01
86) Perylene-d12	24.339	264	1295460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	3214688	145.549	ng	0.00
7) Phenol-d6	6.934	99	3942189	135.587	ng	0.00
23) Nitrobenzene-d5	8.916	82	2494737	92.662	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1194344	139.810	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4751430	85.650	ng	0.00
79) Terphenyl-d14	19.762	244	6030813	93.081	ng	0.00

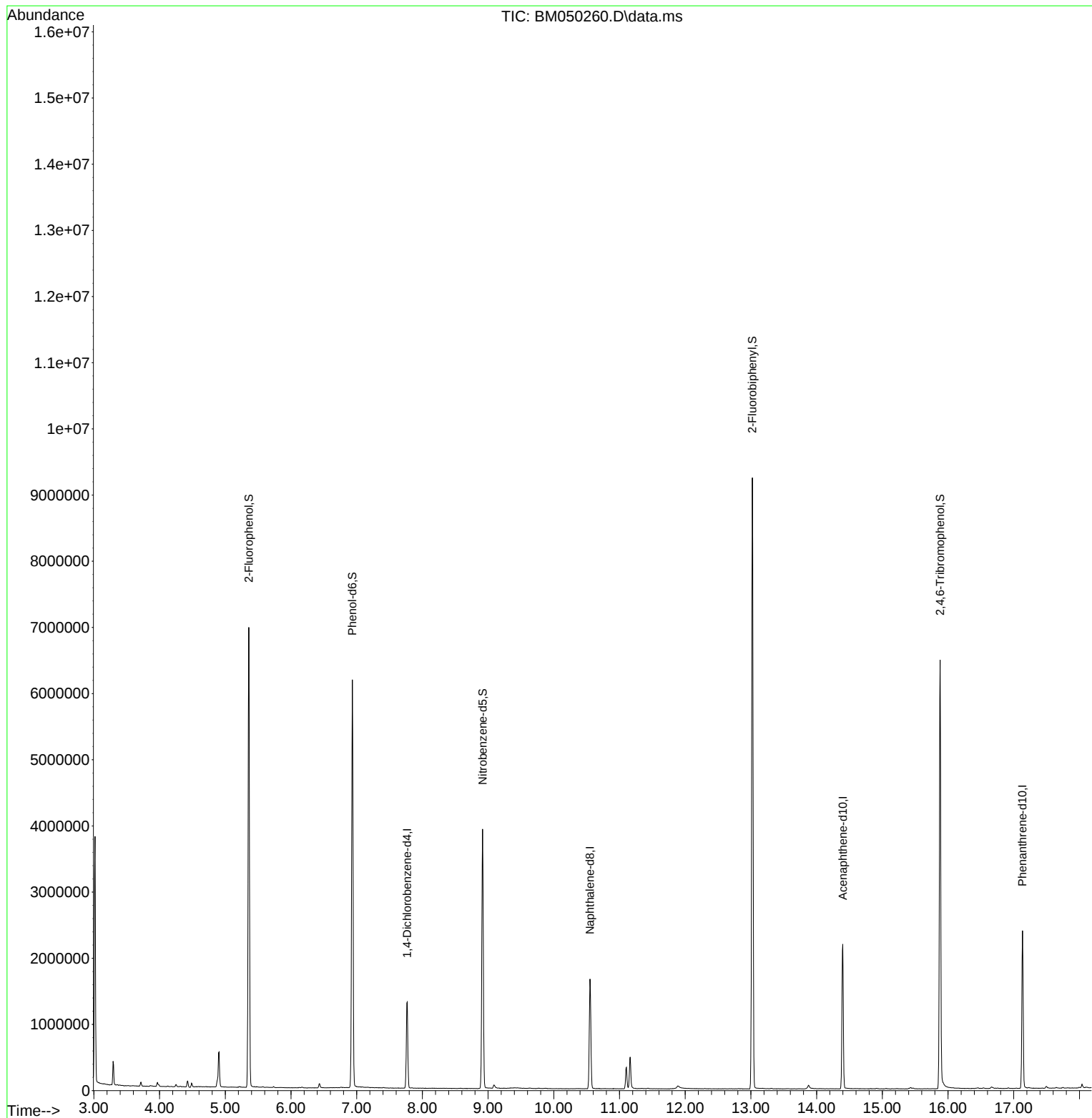
Target Compounds	Qvalue

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

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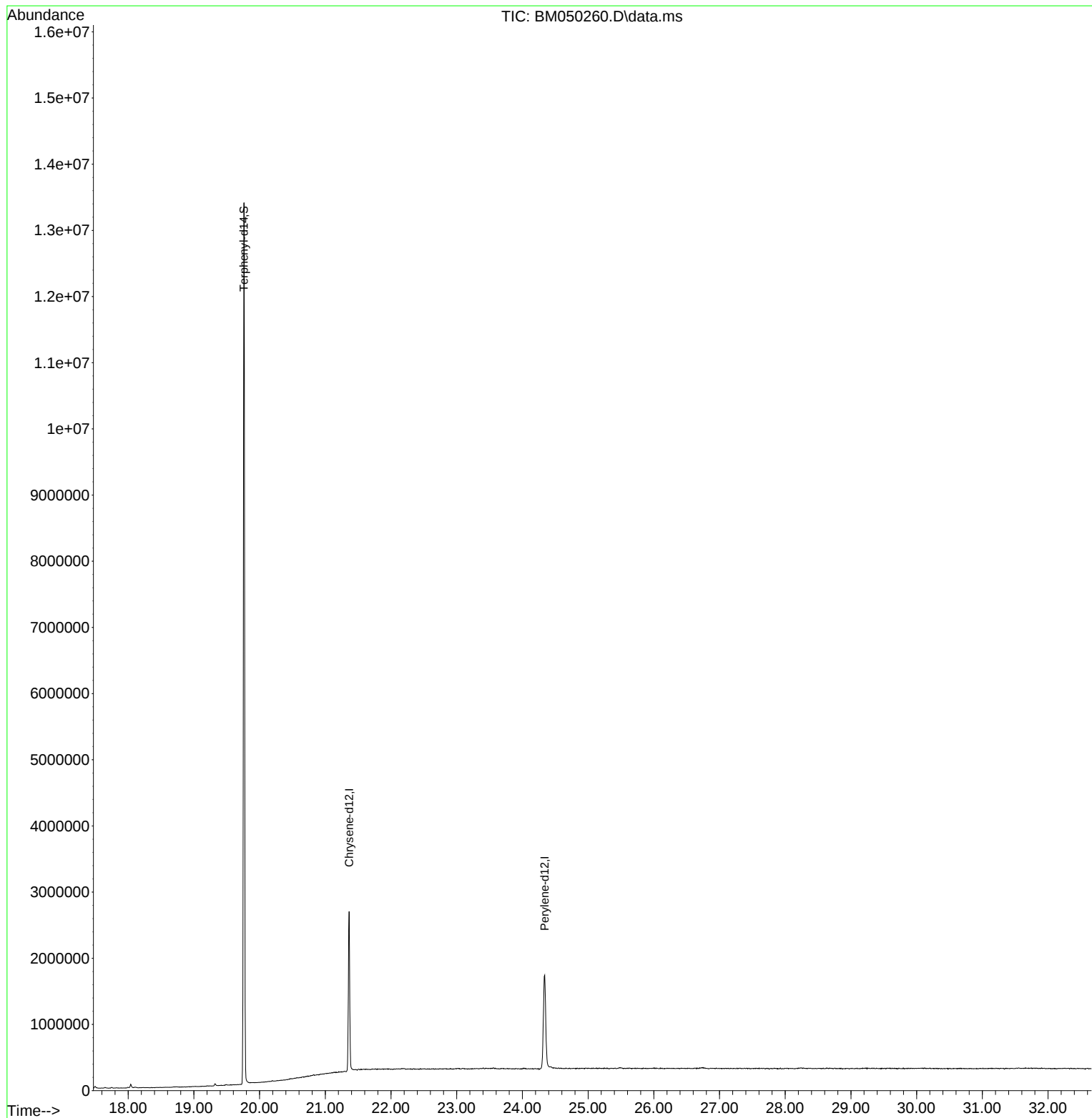
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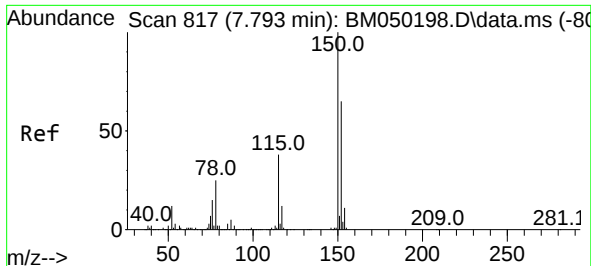


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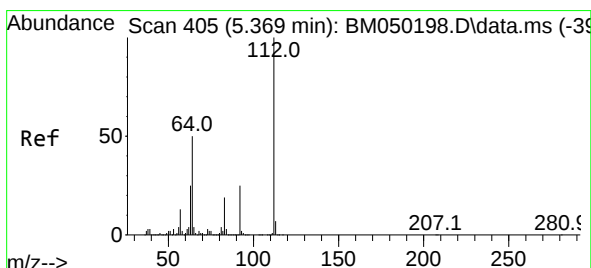
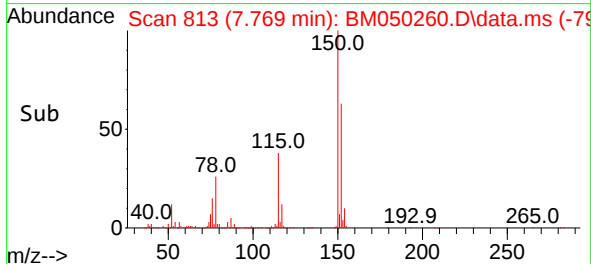
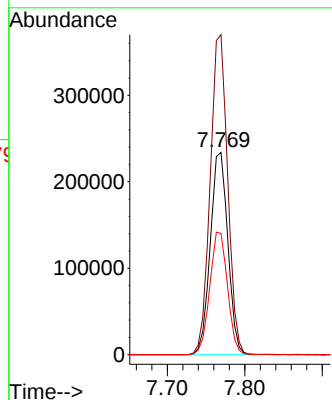
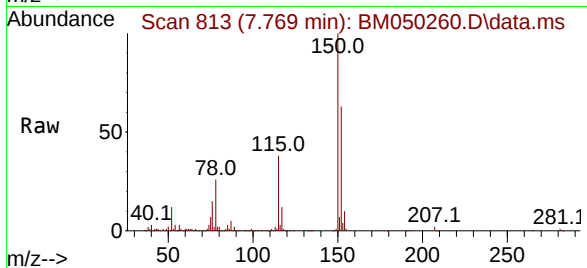




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM050260.D
Acq: 10 Jun 2025 02:51

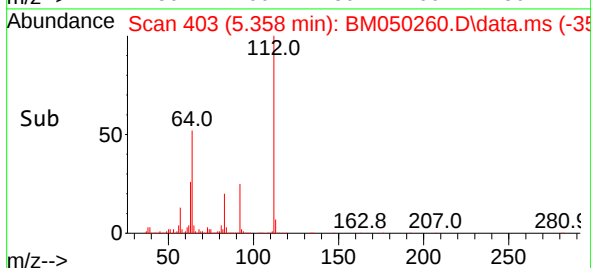
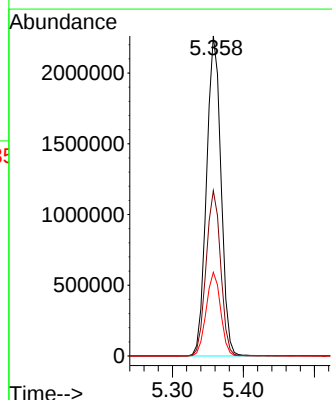
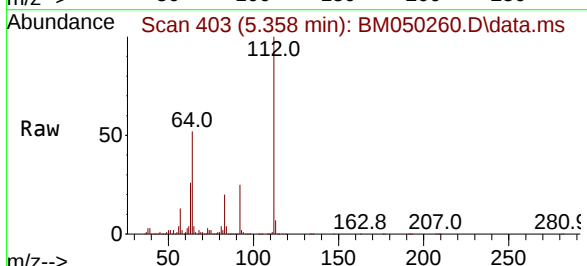
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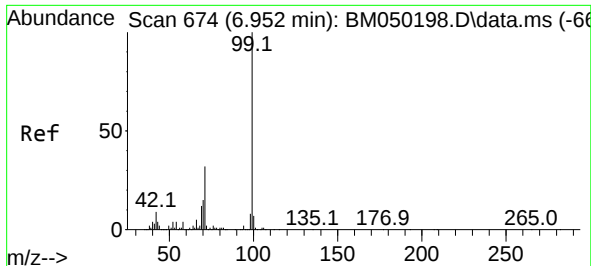
Tgt Ion:152 Resp: 368436
Ion Ratio Lower Upper
152 100
150 158.2 122.2 183.4
115 60.0 46.3 69.5



#5
2-Fluorophenol
Concen: 145.549 ng
RT: 5.358 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050260.D
Acq: 10 Jun 2025 02:51

Tgt Ion:112 Resp: 3214688
Ion Ratio Lower Upper
112 100
64 51.7 39.8 59.6
63 26.1 19.8 29.8

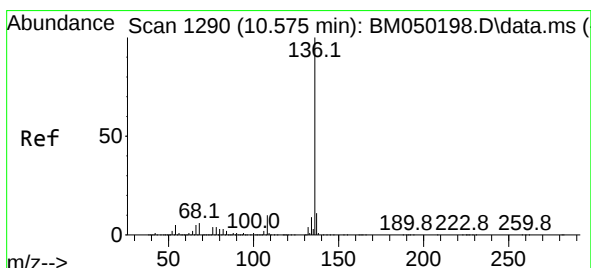
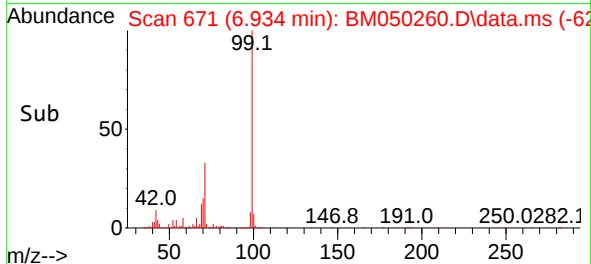
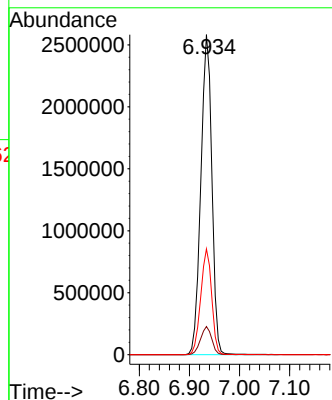
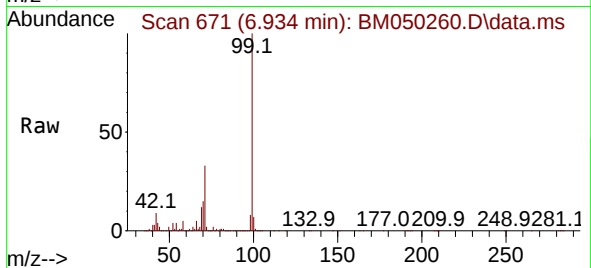




#7
Phenol-d6
Concen: 135.587 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050260.D
Acq: 10 Jun 2025 02:51

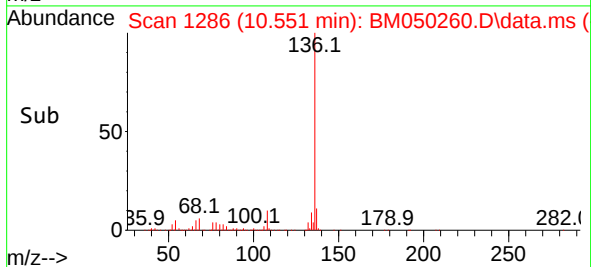
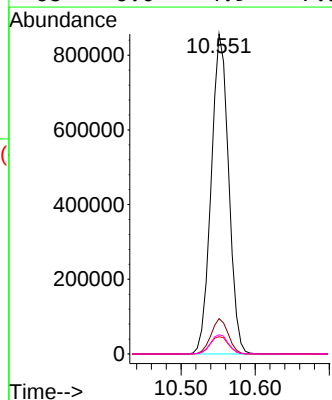
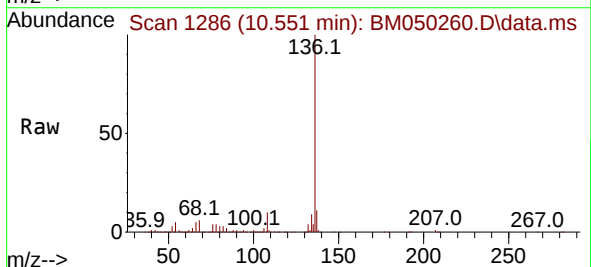
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BNA_M
ClientSampleId :
TP11-MHL-WC

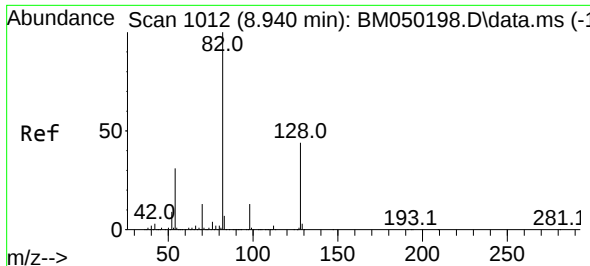
Tgt Ion: 99 Resp: 3942189
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 33.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050260.D
Acq: 10 Jun 2025 02:51

Tgt Ion: 136 Resp: 1400216
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.4 3.8 5.8
68 6.0 4.9 7.3

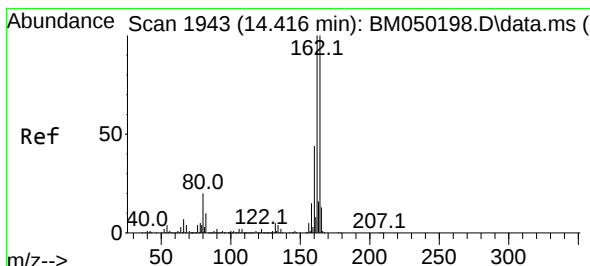
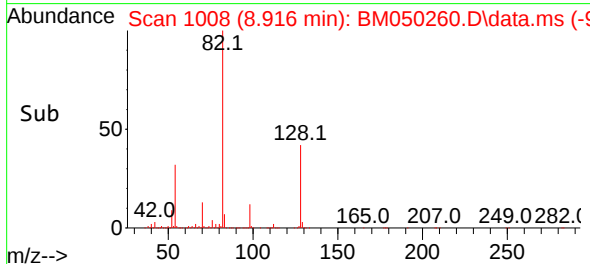
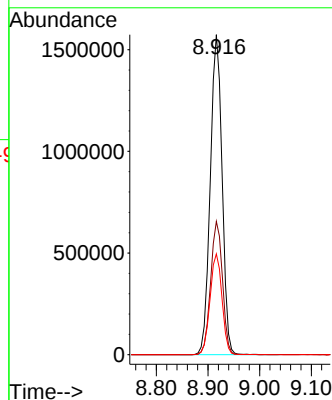
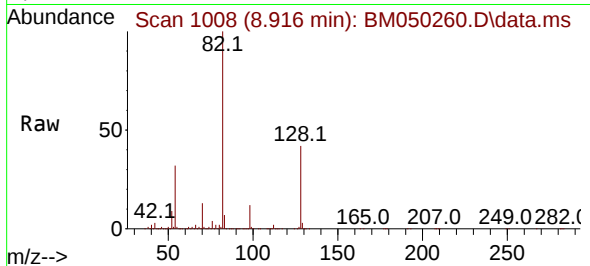




#23
Nitrobenzene-d5
Concen: 92.662 ng
RT: 8.916 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM050260.D
Acq: 10 Jun 2025 02:51

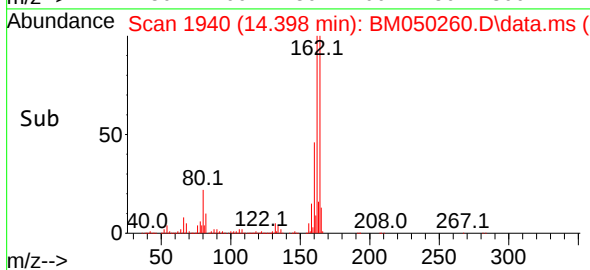
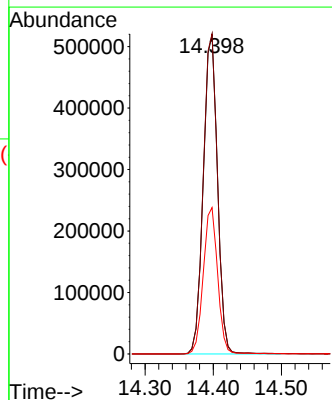
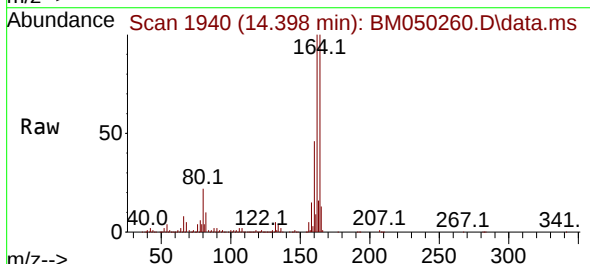
Instrument :
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ClientSampleId :
TP11-MHL-WC

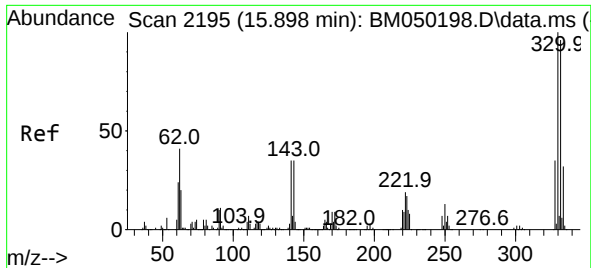
Tgt Ion: 82 Resp: 2494737
Ion Ratio Lower Upper
82 100
128 41.6 35.2 52.8
54 31.5 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050260.D
Acq: 10 Jun 2025 02:51

Tgt Ion:164 Resp: 751044
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.4
160 45.9 35.7 53.5

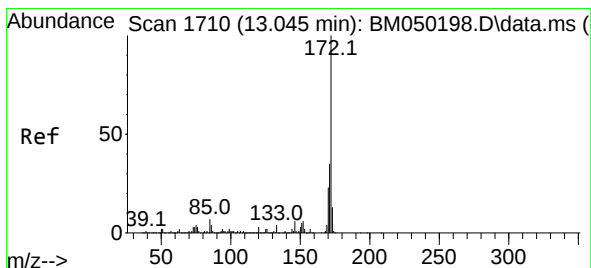
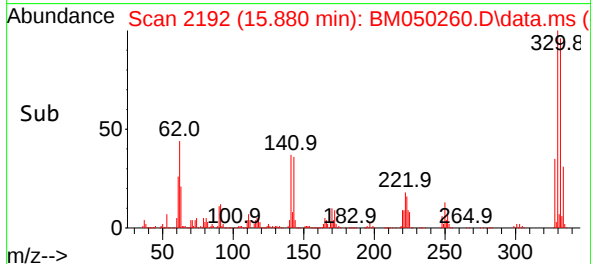
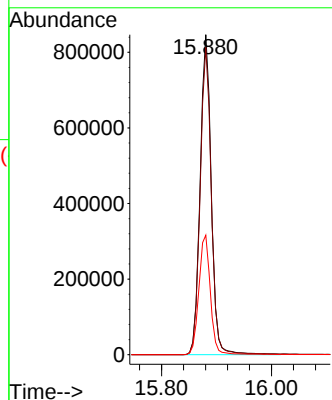
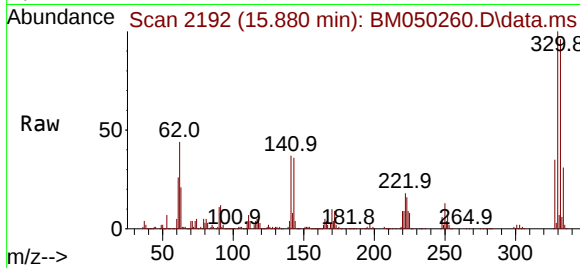




#42
 2,4,6-Tribromophenol
 Concen: 139.810 ng
 RT: 15.880 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: BM050260.D
 Acq: 10 Jun 2025 02:51

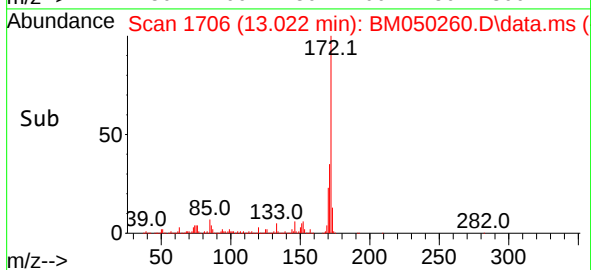
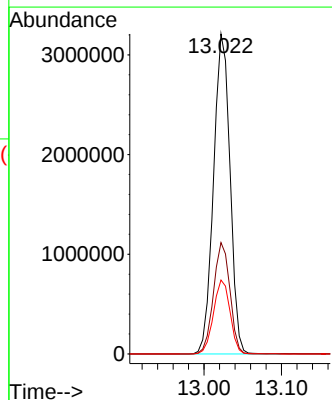
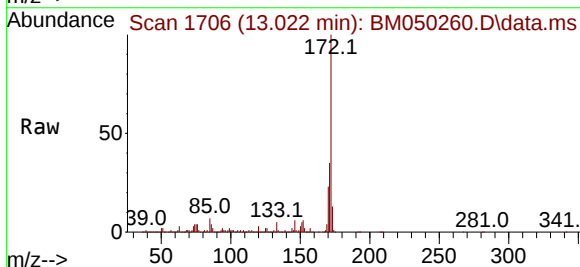
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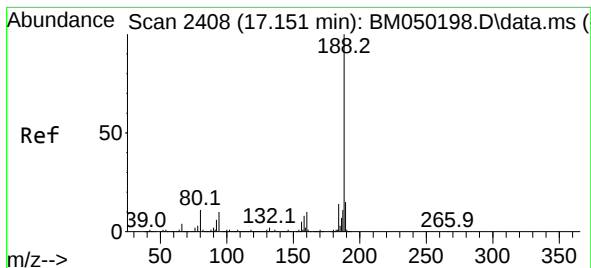
Tgt Ion:330 Resp: 1194344
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.5 116.3
 141 38.8 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 85.650 ng
 RT: 13.022 min Scan# 1706
 Delta R.T. -0.006 min
 Lab File: BM050260.D
 Acq: 10 Jun 2025 02:51

Tgt Ion:172 Resp: 4751430
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.6
 170 23.1 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: BM050260.D

Acq: 10 Jun 2025 02:51

Instrument :

BNA_M

ClientSampleId :

TP11-MHL-WC

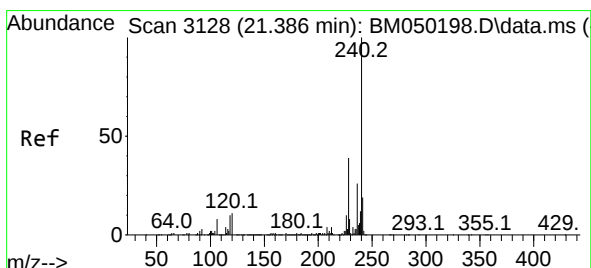
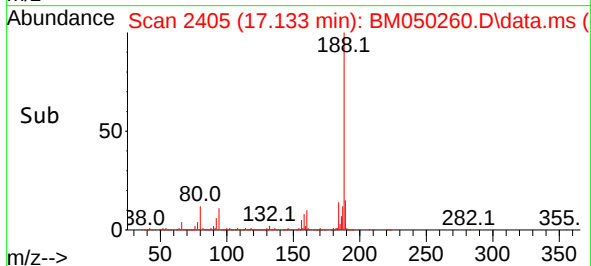
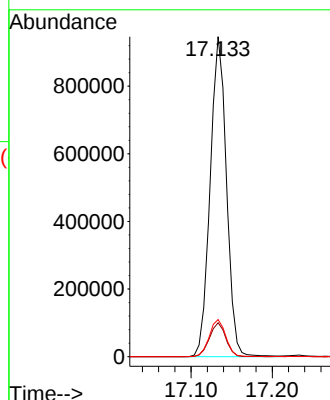
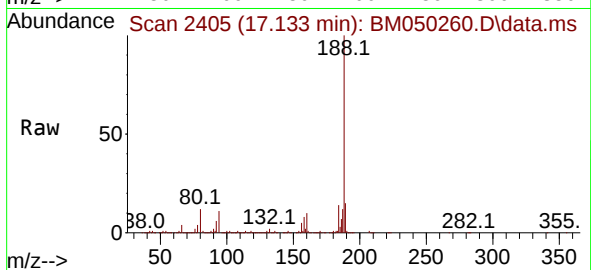
Tgt Ion:188 Resp: 1320622

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

80 11.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.362 min Scan# 3124

Delta R.T. -0.011 min

Lab File: BM050260.D

Acq: 10 Jun 2025 02:51

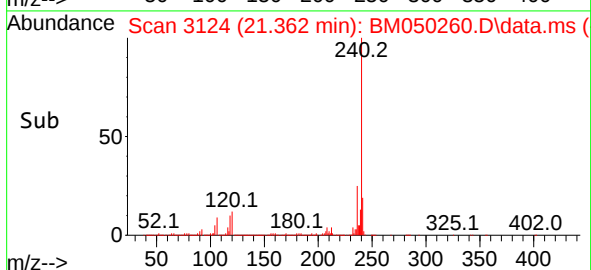
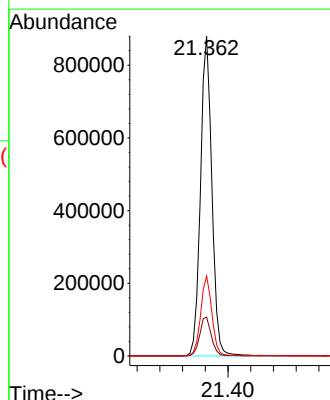
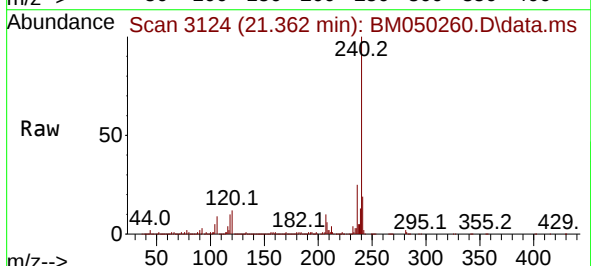
Tgt Ion:240 Resp: 1227807

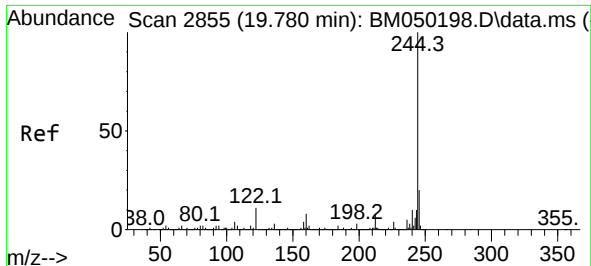
Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.4

236 25.0 20.7 31.1

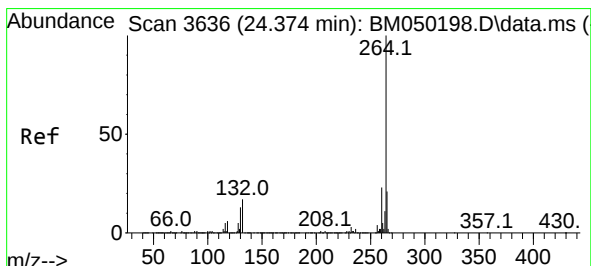
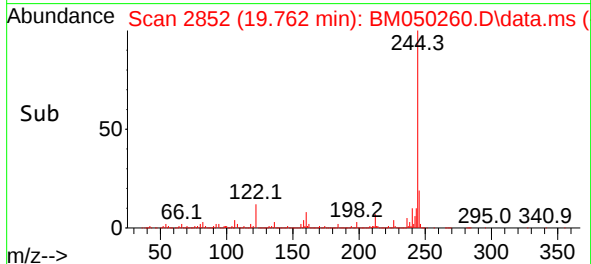
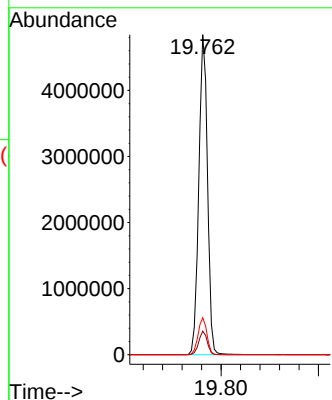
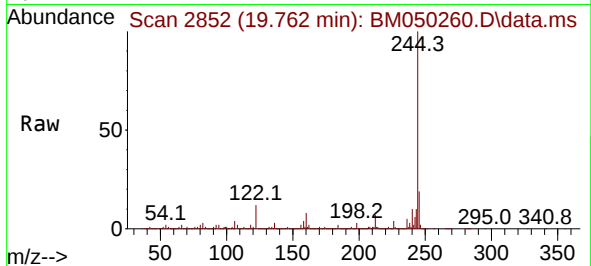




#79
 Terphenyl-d14
 Concen: 93.081 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050260.D
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Instrument :
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Tgt Ion:244 Resp: 6030813
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.339 min Scan# 3630
 Delta R.T. -0.006 min
 Lab File: BM050260.D
 Acq: 10 Jun 2025 02:51

Tgt Ion:264 Resp: 1295460
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.7 16.8 25.2

