

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050296.D
 Acq On : 12 Jun 2025 05:50
 Operator : RC/JU
 Sample : PB168390TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168390TB

Quant Time: Jun 12 06:20:00 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	380994	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1407707	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	768840	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1429591	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1457104	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1555860	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3450835	151.091	ng	0.00
7) Phenol-d6	6.934	99	4229612	140.678	ng	0.00
23) Nitrobenzene-d5	8.910	82	2514037	92.882	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1241568	141.974	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	5047189	88.876	ng	0.00
79) Terphenyl-d14	19.756	244	6760129	87.918	ng	-0.01

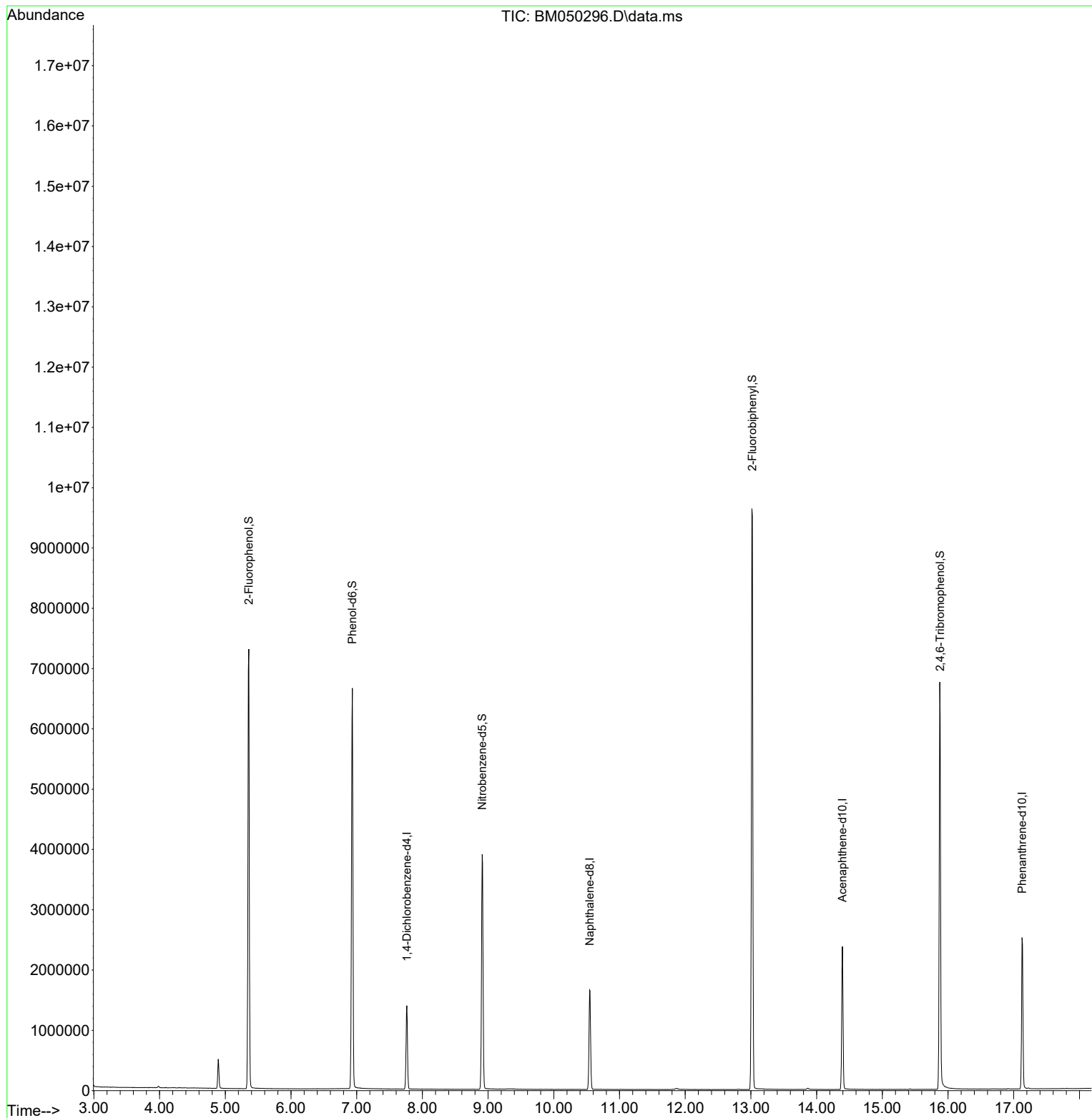
Target Compounds	Qvalue

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

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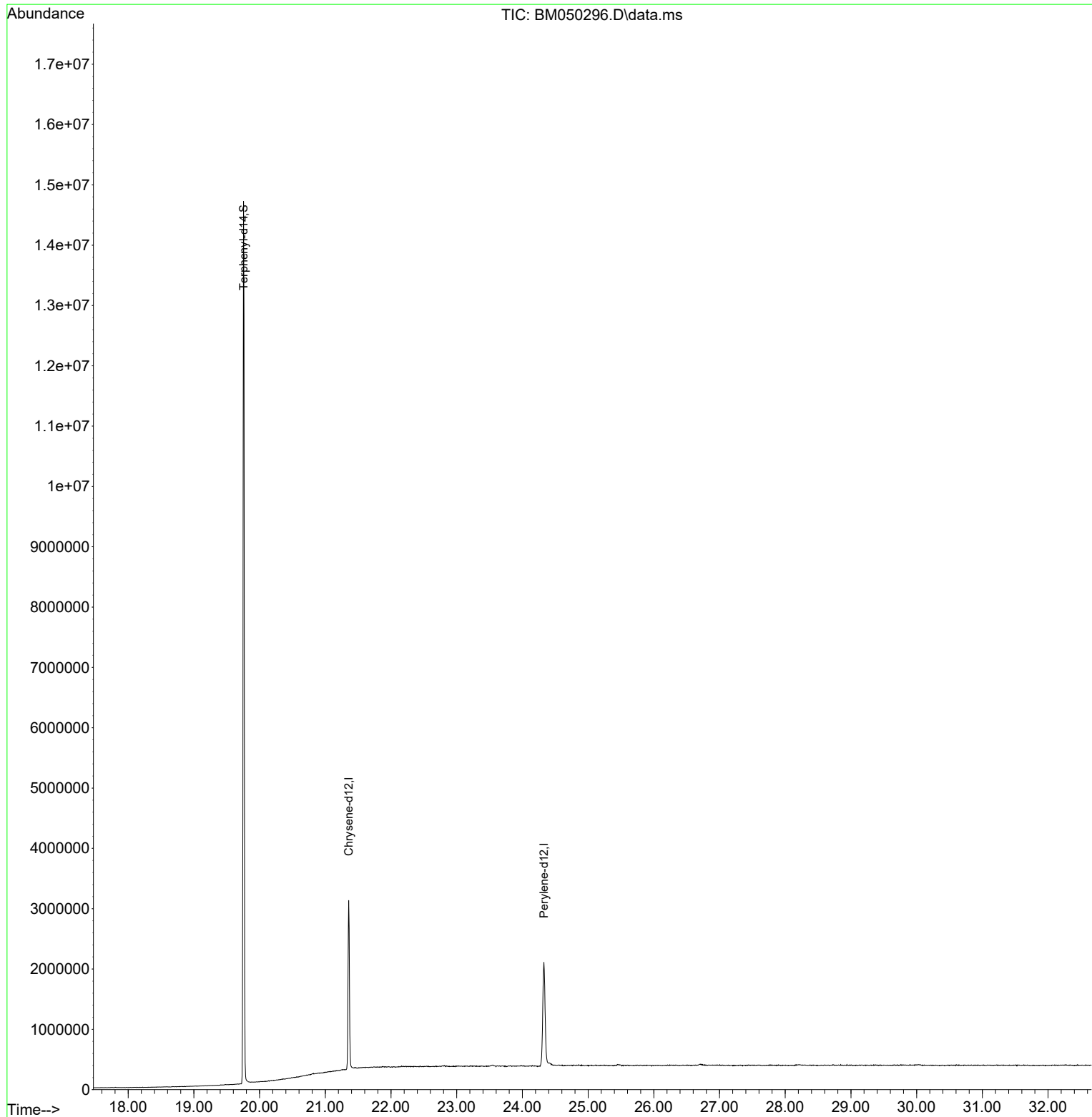
Quant Time: Jun 12 06:20:00 2025
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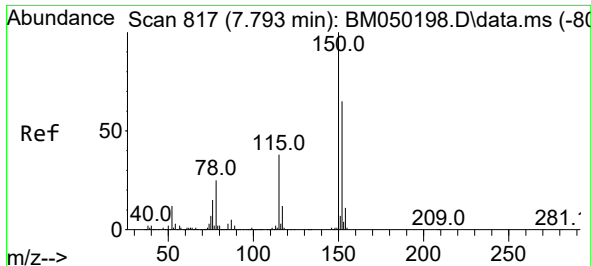


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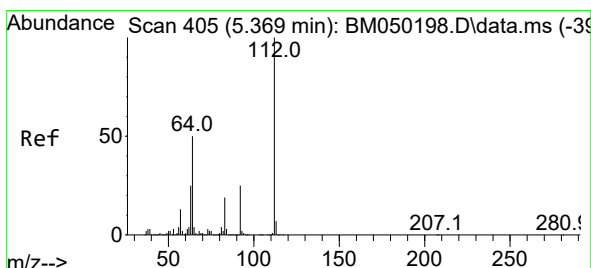
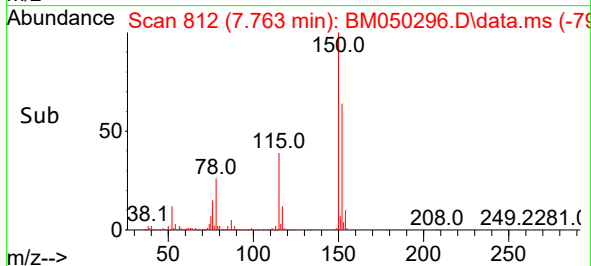
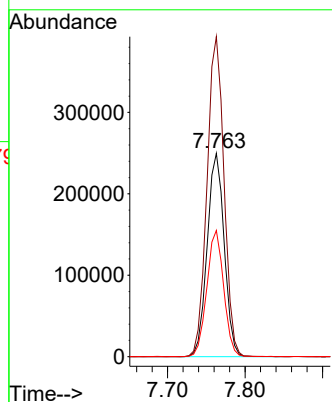
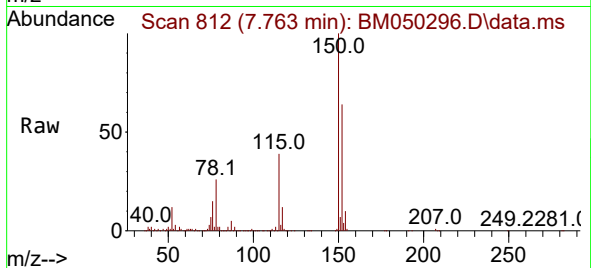




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

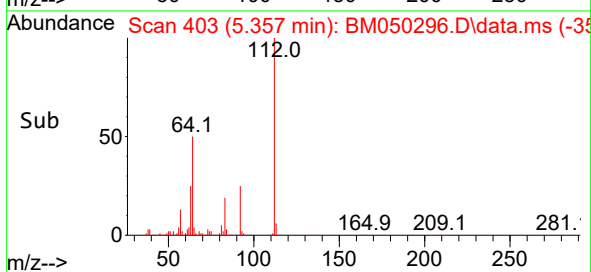
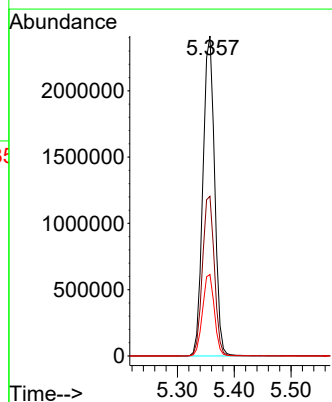
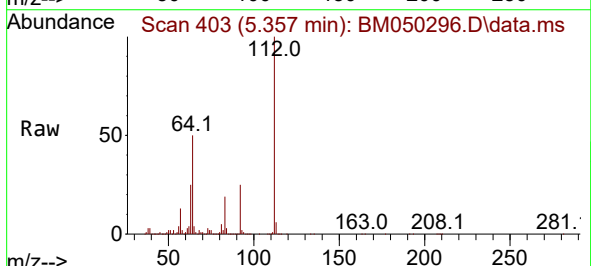
Instrument :
BNA_M
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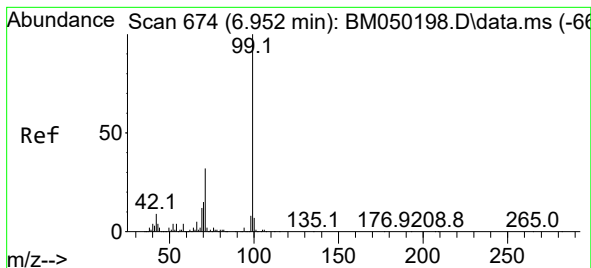
Tgt Ion:152 Resp: 380994
Ion Ratio Lower Upper
152 100
150 157.3 122.2 183.4
115 62.1 46.3 69.5



#5
2-Fluorophenol
Concen: 151.091 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:112 Resp: 3450835
Ion Ratio Lower Upper
112 100
64 49.9 39.8 59.6
63 25.4 19.8 29.8





#7

Phenol-d6

Concen: 140.678 ng

RT: 6.934 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM050296.D

Acq: 12 Jun 2025 05:50

Instrument :

BNA_M

ClientSampleId :

PB168390TB

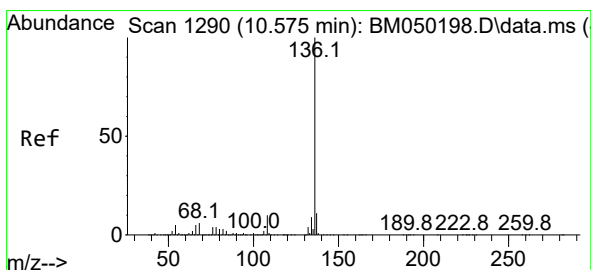
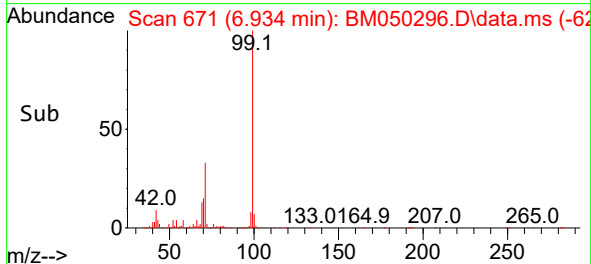
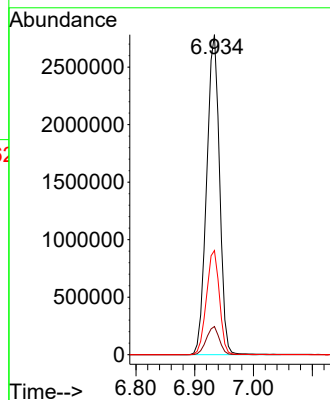
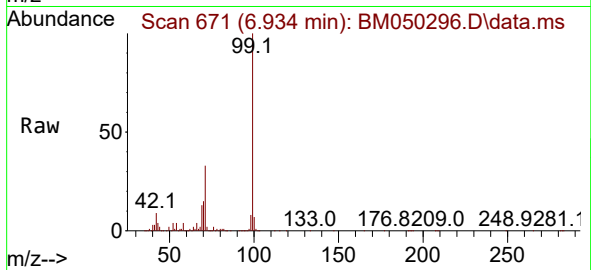
Tgt Ion: 99 Resp: 4229612

Ion Ratio Lower Upper

99 100

42 8.8 6.9 10.3

71 32.6 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.545 min Scan# 1285

Delta R.T. -0.012 min

Lab File: BM050296.D

Acq: 12 Jun 2025 05:50

Tgt Ion: 136 Resp: 1407707

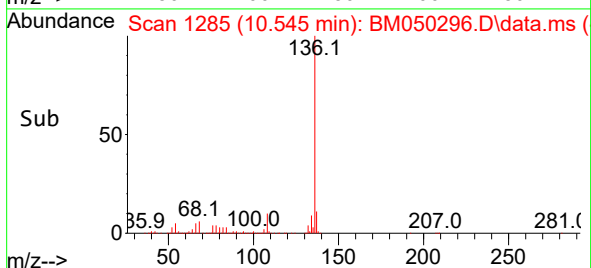
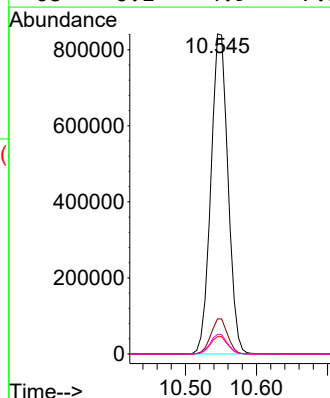
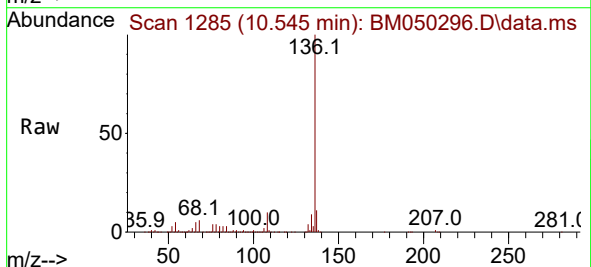
Ion Ratio Lower Upper

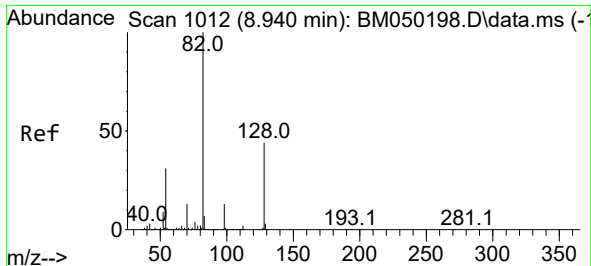
136 100

137 10.9 8.6 13.0

54 5.4 3.8 5.8

68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 92.882 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050296.D

Acq: 12 Jun 2025 05:50

Instrument :

BNA_M

ClientSampleId :

PB168390TB

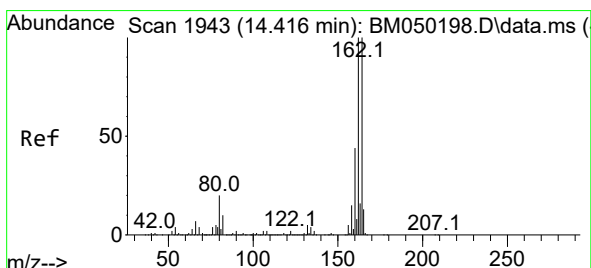
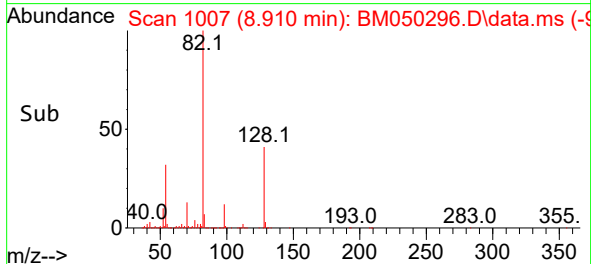
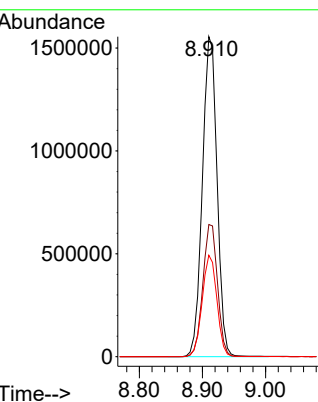
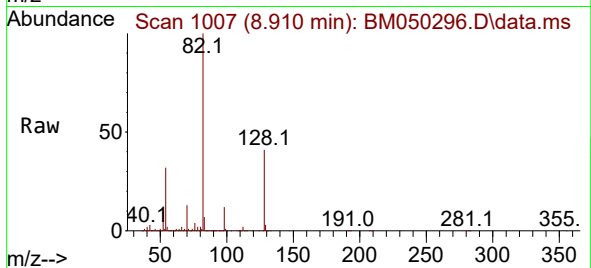
Tgt Ion: 82 Resp: 2514037

Ion Ratio Lower Upper

82 100

128 41.3 35.2 52.8

54 31.7 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: BM050296.D

Acq: 12 Jun 2025 05:50

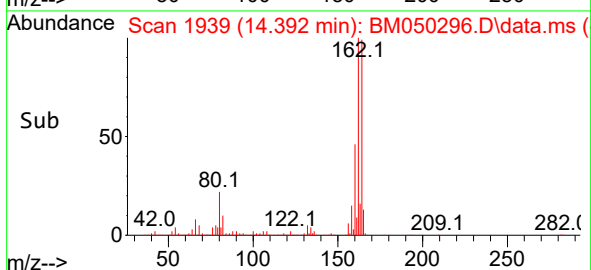
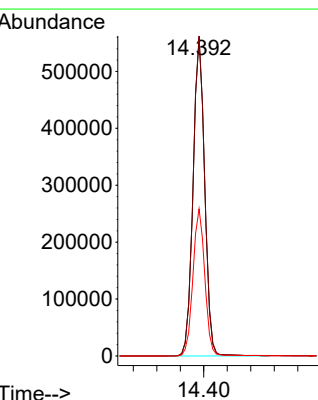
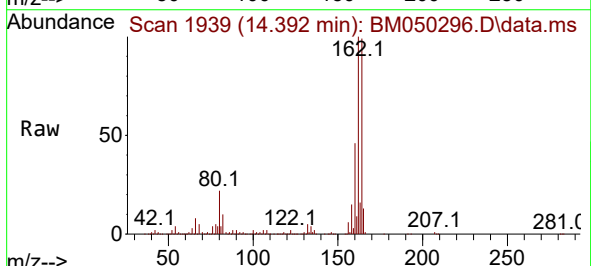
Tgt Ion:164 Resp: 768840

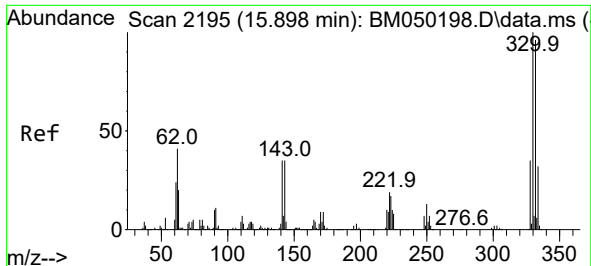
Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

160 46.3 35.7 53.5

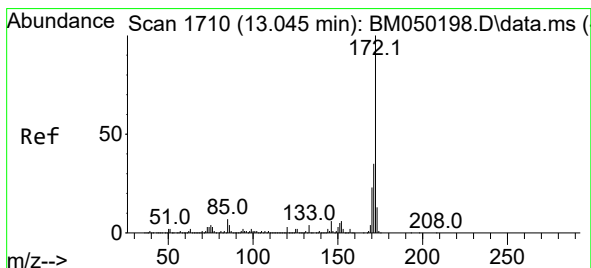
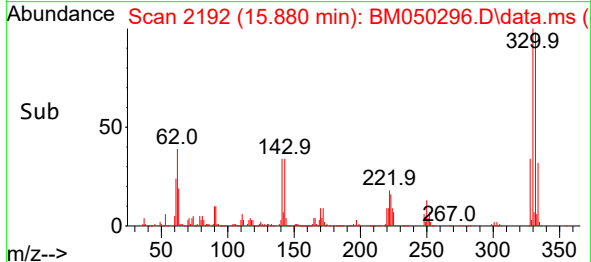
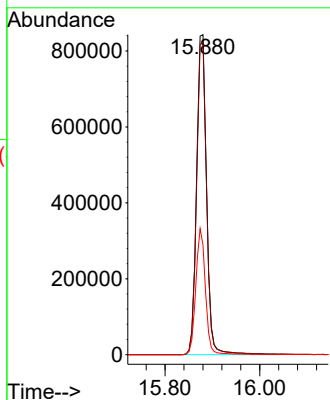
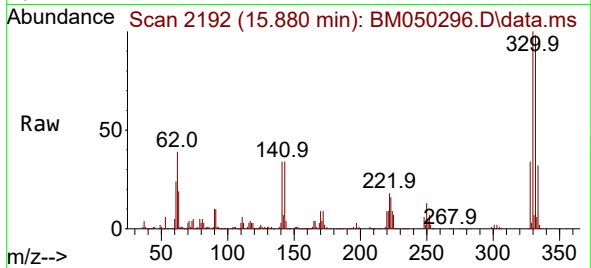




#42
2,4,6-Tribromophenol
Concen: 141.974 ng
RT: 15.880 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

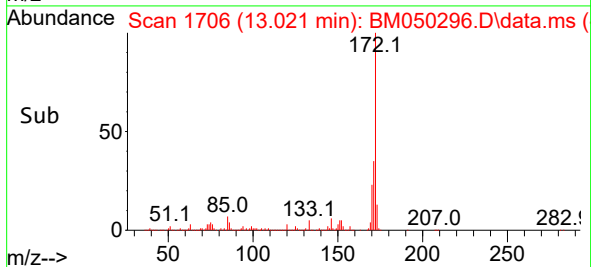
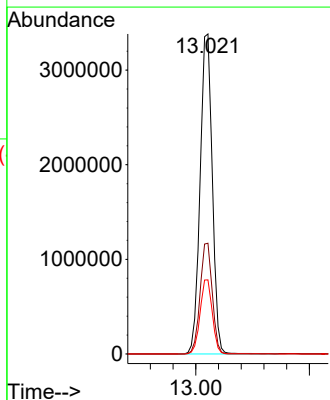
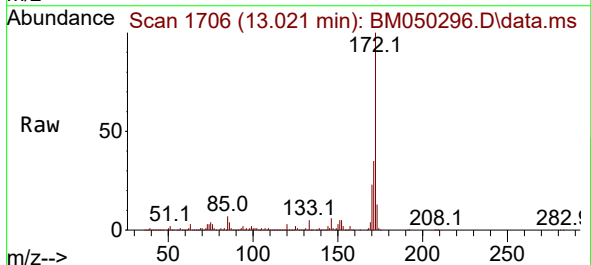
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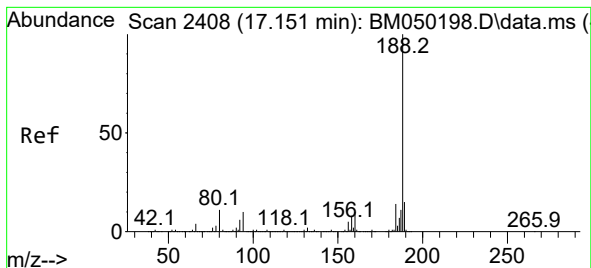
Tgt Ion:330 Resp: 1241568
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 38.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.876 ng
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:172 Resp: 5047189
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8

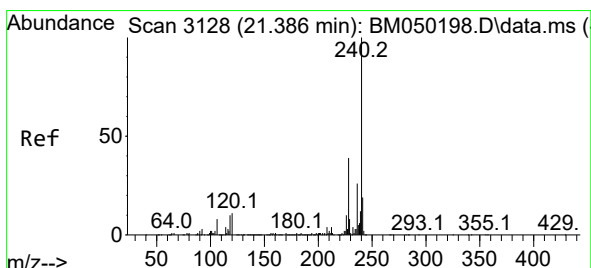
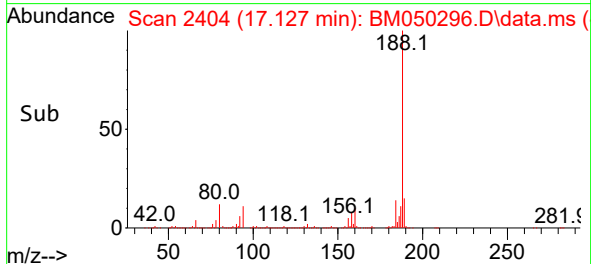
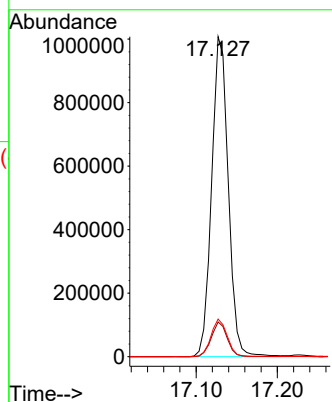
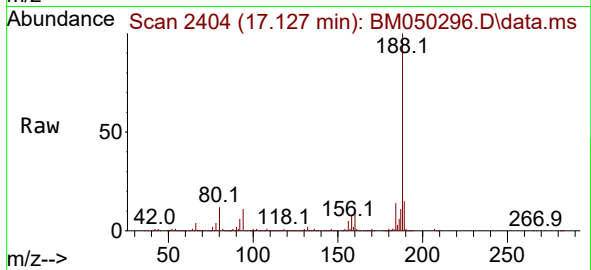




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

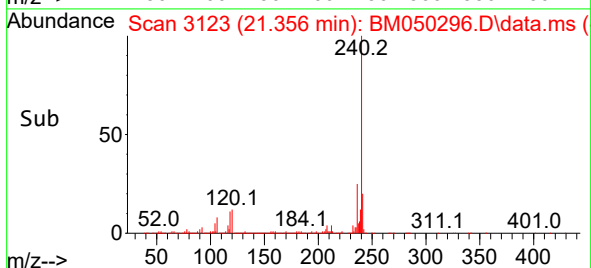
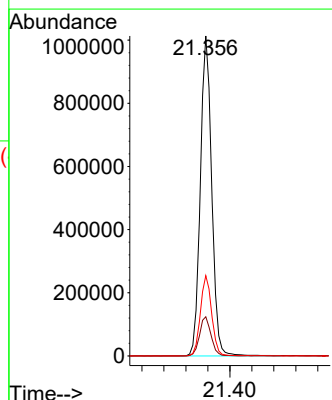
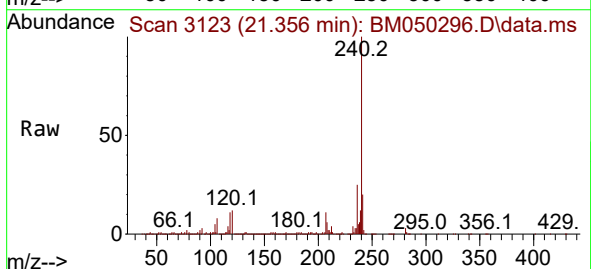
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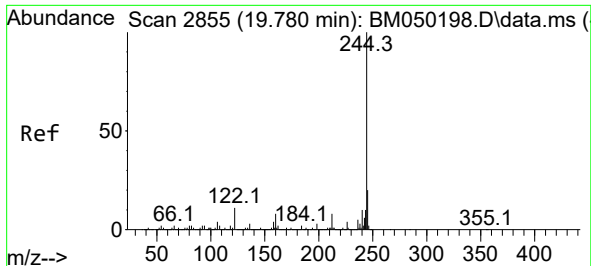
Tgt Ion:188 Resp: 1429591
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 11.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:240 Resp: 1457104
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 25.1 20.7 31.1

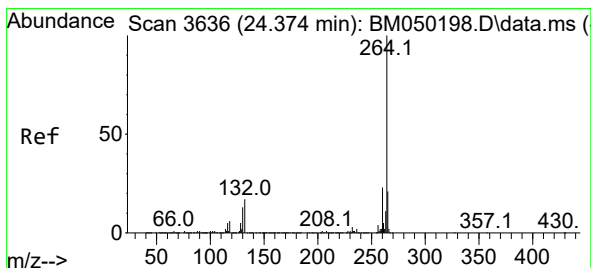
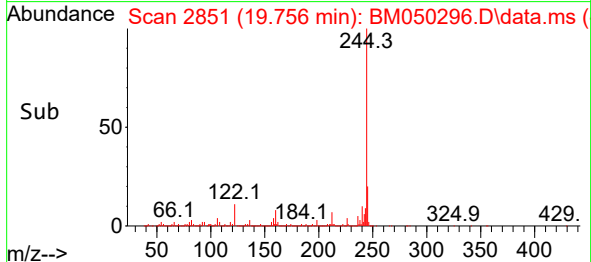
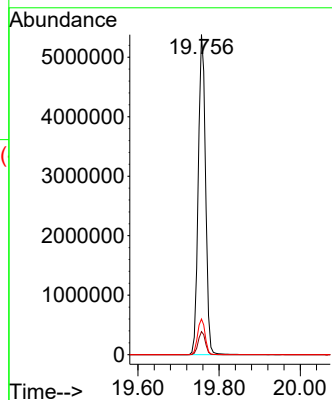
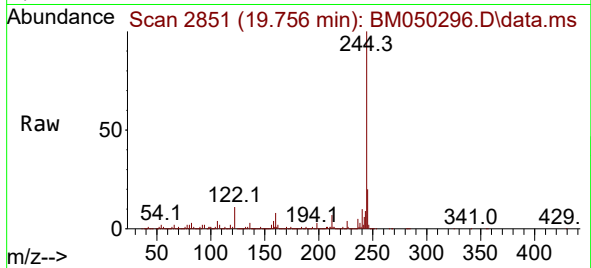




#79
 Terphenyl-d14
 Concen: 87.918 ng
 RT: 19.756 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050296.D
 Acq: 12 Jun 2025 05:50

Instrument :
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Tgt Ion:244 Resp: 6760129
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.327 min Scan# 3628
 Delta R.T. -0.018 min
 Lab File: BM050296.D
 Acq: 12 Jun 2025 05:50

Tgt Ion:264 Resp: 1555860
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.0 16.8 25.2

