

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050285.D
 Acq On : 11 Jun 2025 22:00
 Operator : RC/JU
 Sample : Q2271-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP12-MHK-WC

Quant Time: Jun 12 02:57:07 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	361524	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1362915	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	748742	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1436444	20.000	ng	0.00
76) Chrysene-d12	21.356	240	1530846	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1608385	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3005146	138.663	ng	0.00
7) Phenol-d6	6.934	99	3393228	118.938	ng	0.00
23) Nitrobenzene-d5	8.916	82	2470735	94.282	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1249660	146.736	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4895196	88.513	ng	0.00
79) Terphenyl-d14	19.756	244	6668641	82.551	ng	-0.01

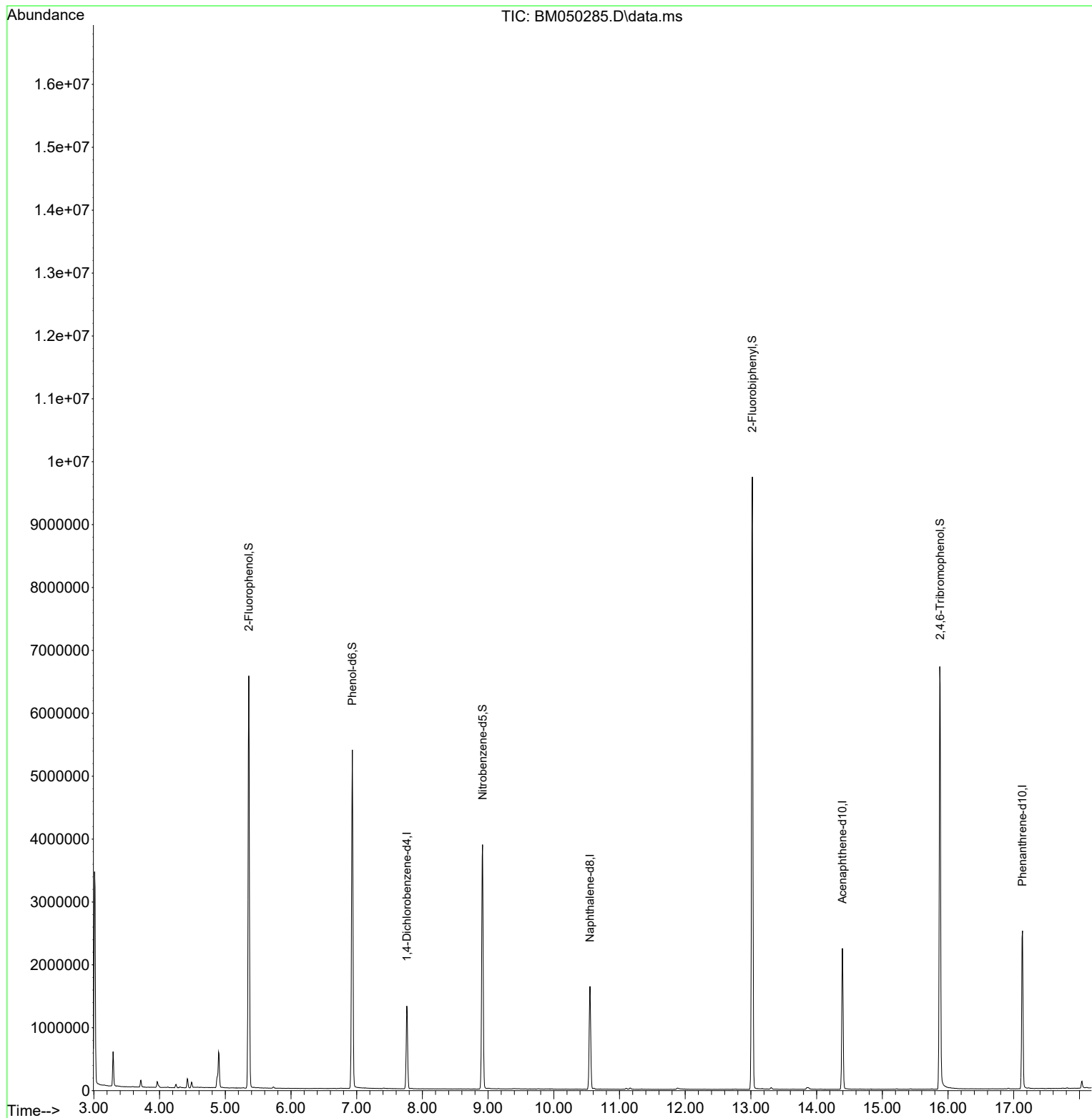
Target Compounds	Qvalue

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

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ALS Vial : 10 Sample Multiplier: 1

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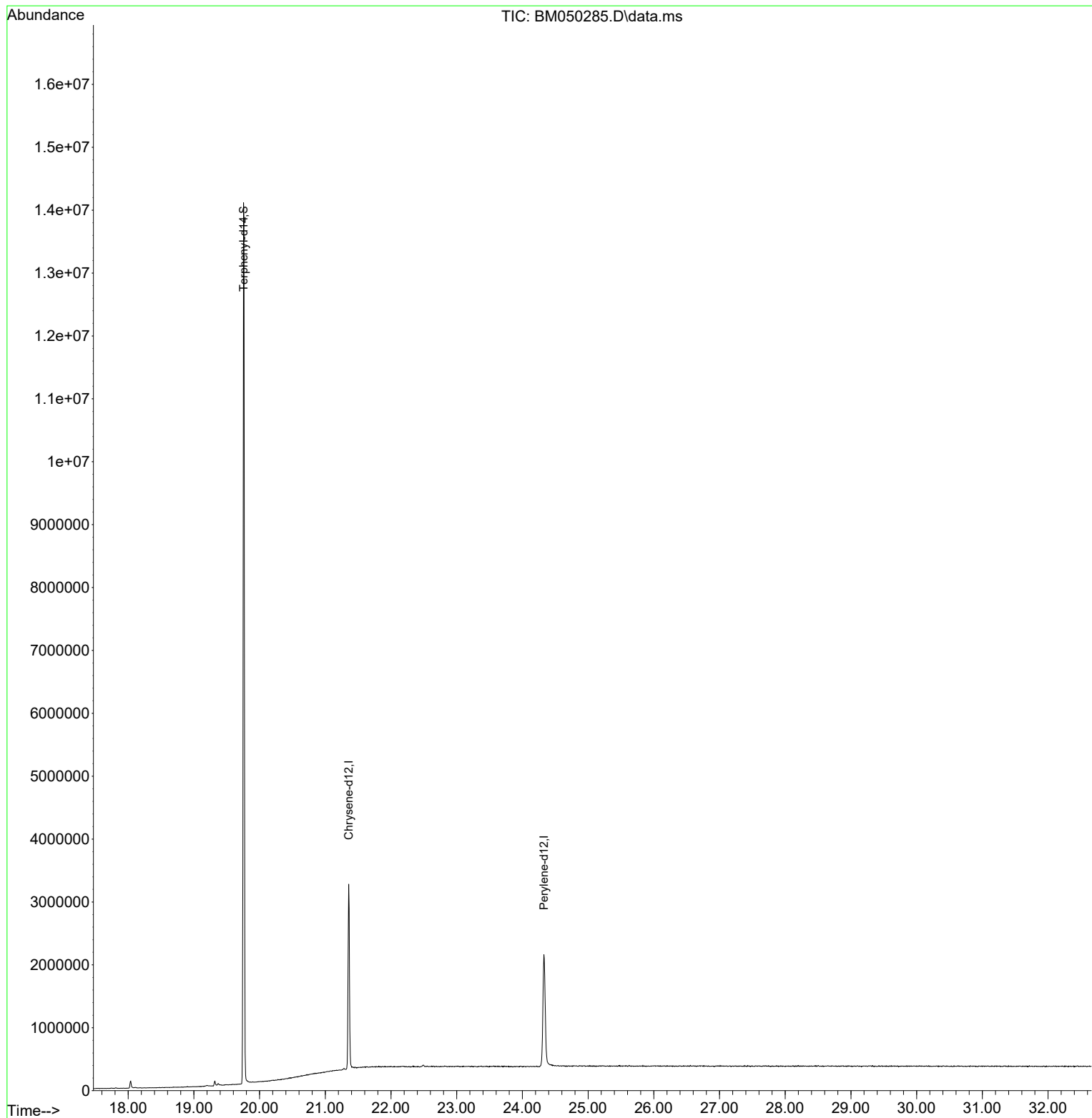
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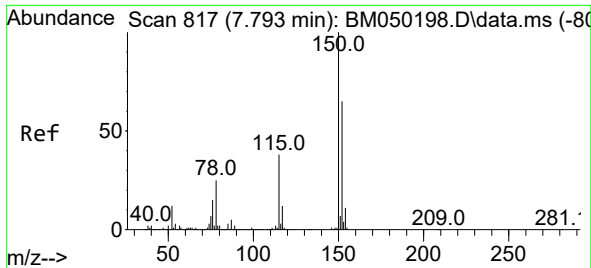


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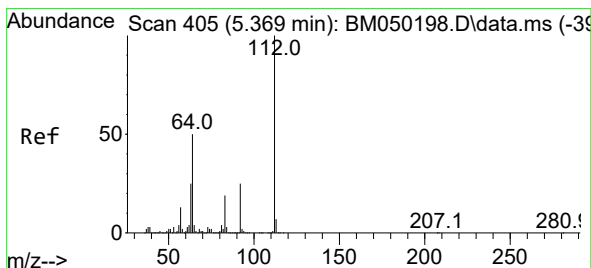
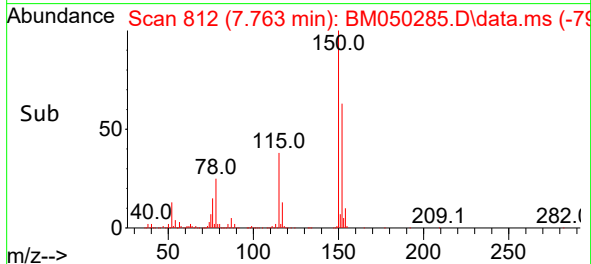
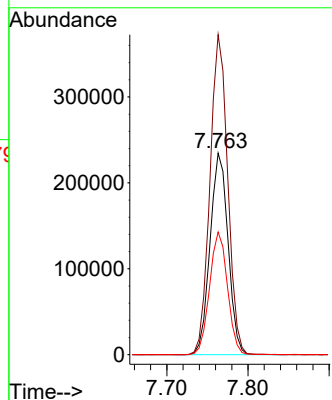
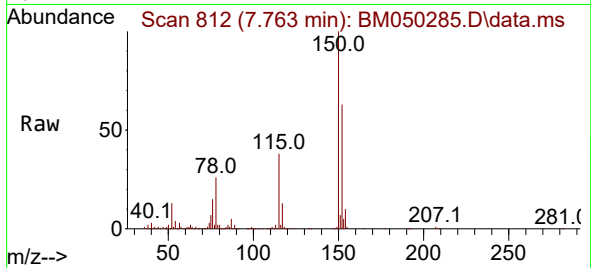




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050285.D
Acq: 11 Jun 2025 22:00

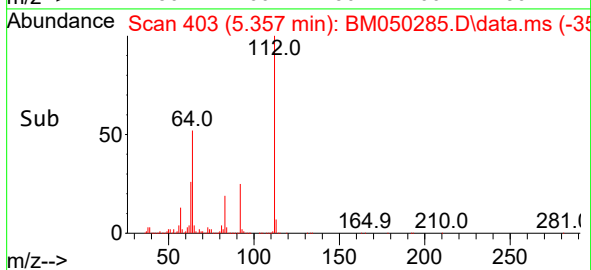
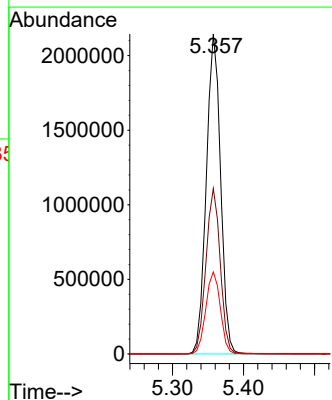
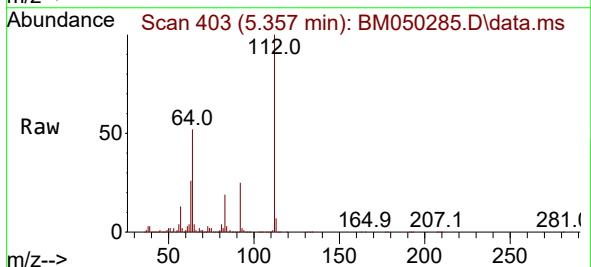
Instrument :
BNA_M
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TP12-MHK-WC

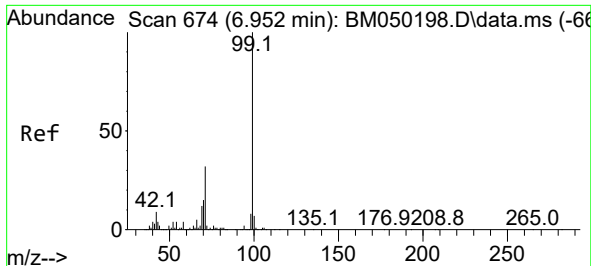
Tgt Ion:152 Resp: 361524
Ion Ratio Lower Upper
152 100
150 158.7 122.2 183.4
115 60.9 46.3 69.5



#5
2-Fluorophenol
Concen: 138.663 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050285.D
Acq: 11 Jun 2025 22:00

Tgt Ion:112 Resp: 3005146
Ion Ratio Lower Upper
112 100
64 51.7 39.8 59.6
63 25.7 19.8 29.8

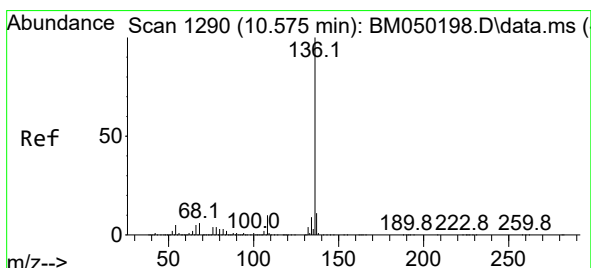
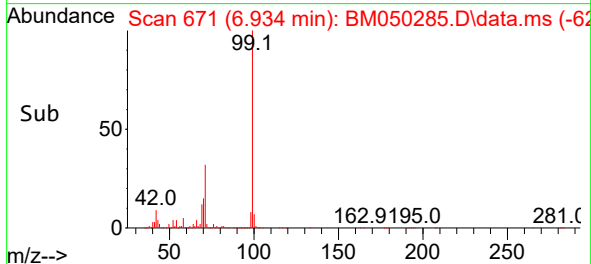
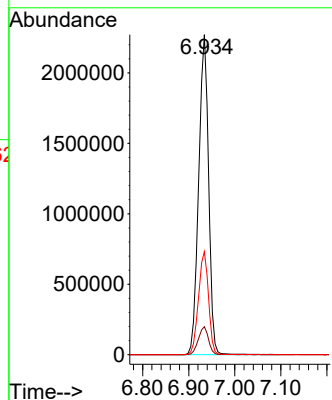
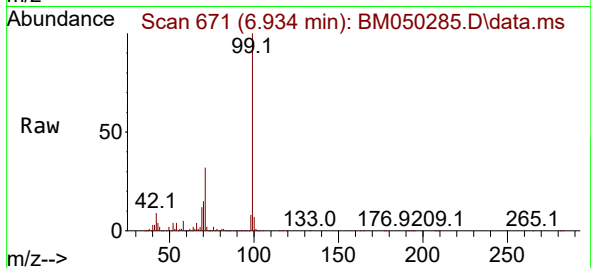




#7
Phenol-d6
Concen: 118.938 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050285.D
Acq: 11 Jun 2025 22:00

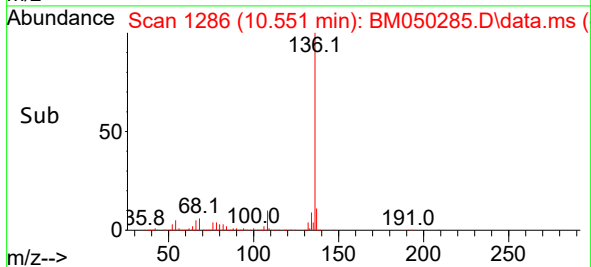
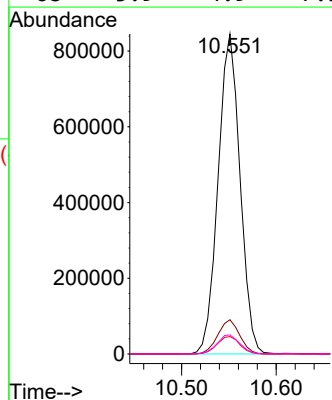
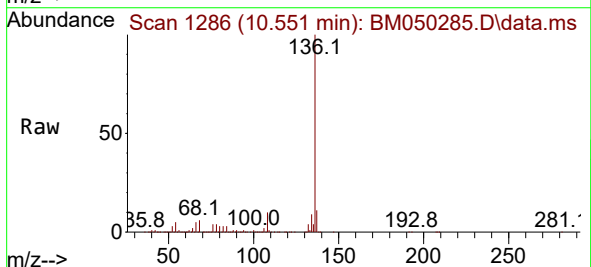
Instrument :
BNA_M
ClientSampleId :
TP12-MHK-WC

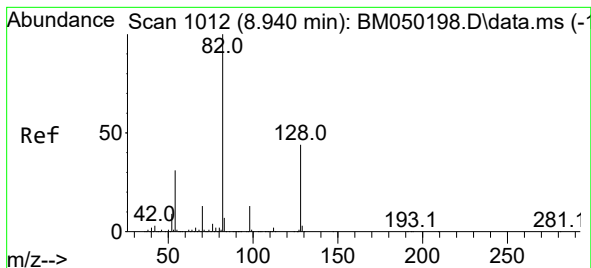
Tgt Ion: 99 Resp: 3393228
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050285.D
Acq: 11 Jun 2025 22:00

Tgt Ion: 136 Resp: 1362915
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.4 3.8 5.8
68 5.9 4.9 7.3

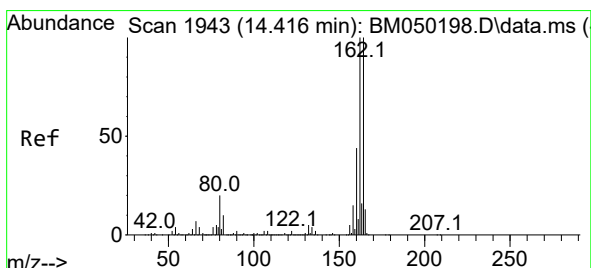
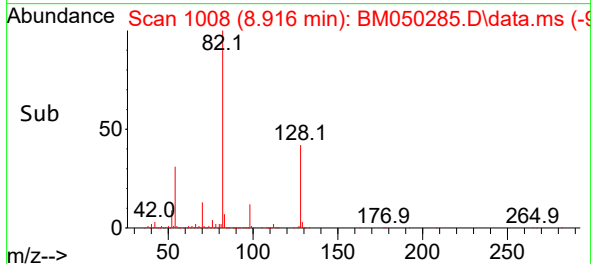
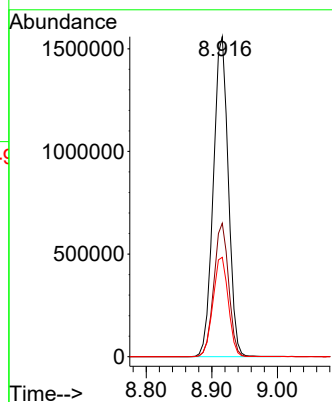
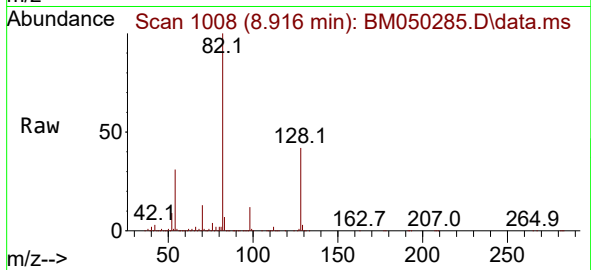




#23
Nitrobenzene-d5
Concen: 94.282 ng
RT: 8.916 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM050285.D
Acq: 11 Jun 2025 22:00

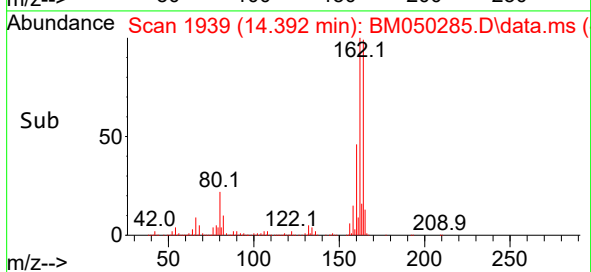
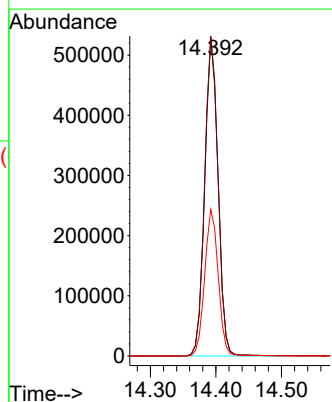
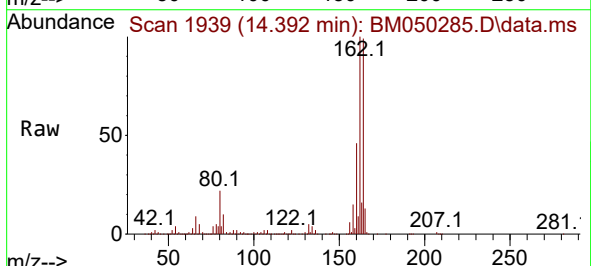
Instrument :
BNA_M
ClientSampleId :
TP12-MHK-WC

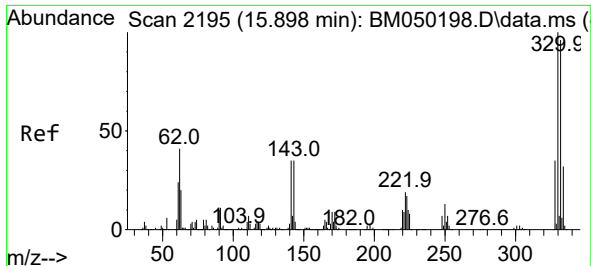
Tgt Ion: 82 Resp: 2470735
Ion Ratio Lower Upper
82 100
128 41.7 35.2 52.8
54 31.1 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050285.D
Acq: 11 Jun 2025 22:00

Tgt Ion: 164 Resp: 748742
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.4
160 46.0 35.7 53.5

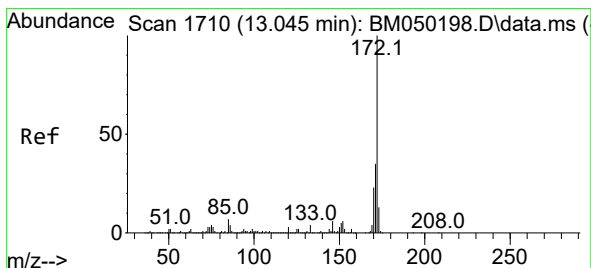
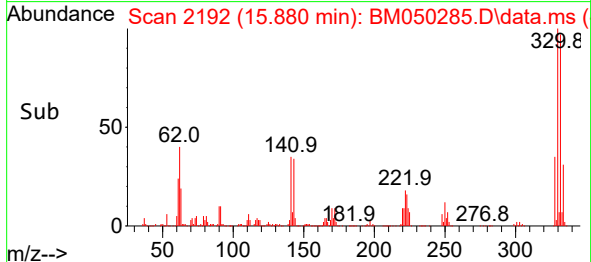
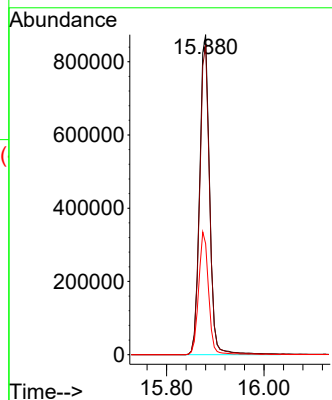
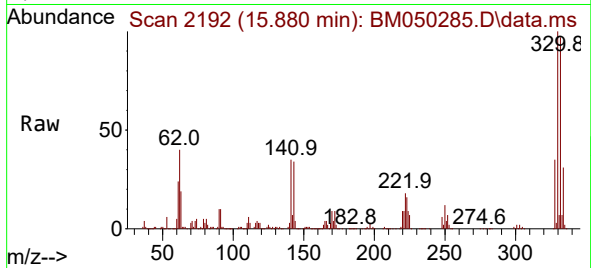




#42
2,4,6-Tribromophenol
Concen: 146.736 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050285.D
Acq: 11 Jun 2025 22:00

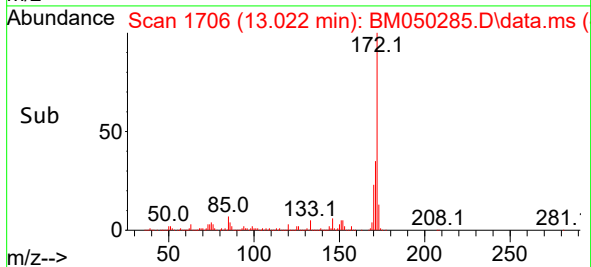
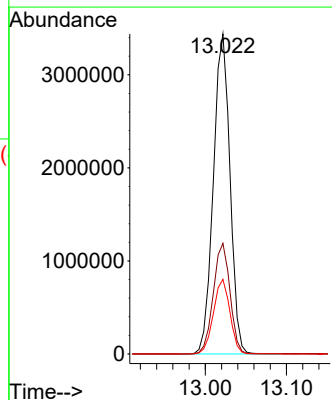
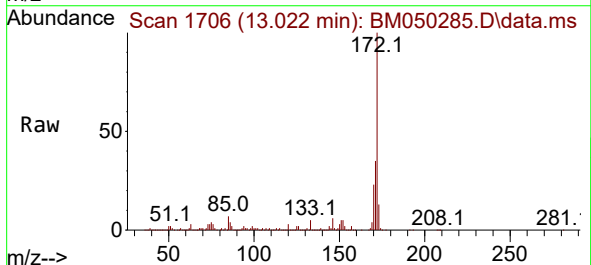
Instrument :
BNA_M
ClientSampleId :
TP12-MHK-WC

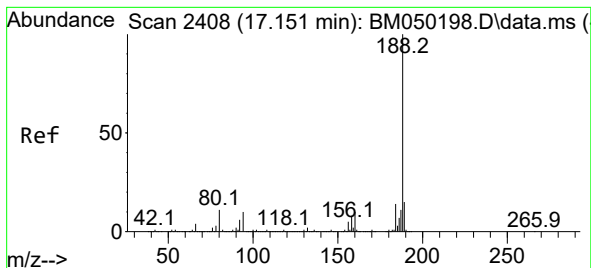
Tgt Ion:330 Resp: 1249660
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 38.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.513 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050285.D
Acq: 11 Jun 2025 22:00

Tgt Ion:172 Resp: 4895196
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.133 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM050285.D

Acq: 11 Jun 2025 22:00

Instrument :

BNA_M

ClientSampleId :

TP12-MHK-WC

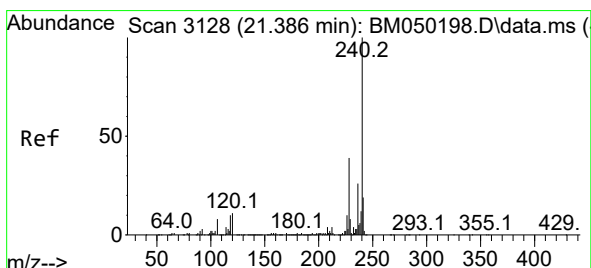
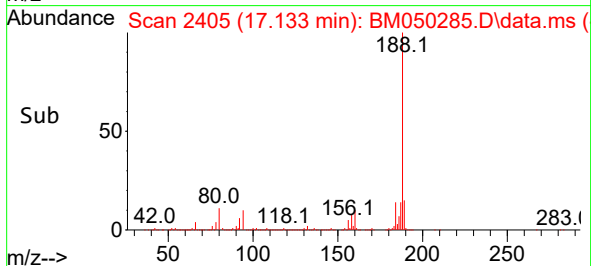
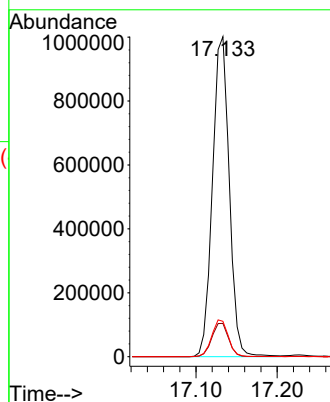
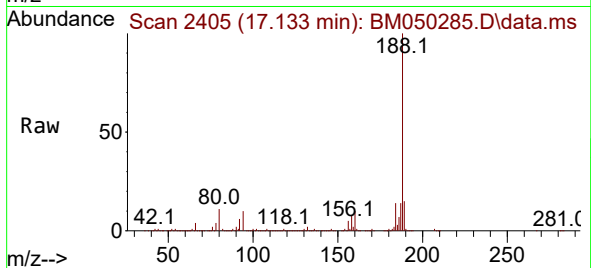
Tgt Ion:188 Resp: 1436444

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

80 11.0 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: BM050285.D

Acq: 11 Jun 2025 22:00

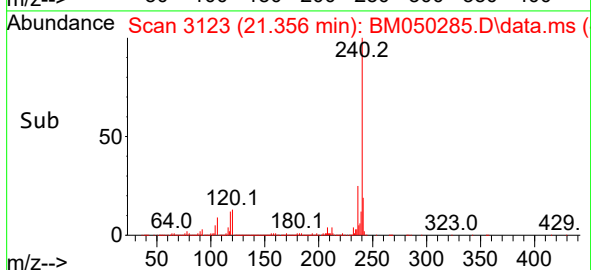
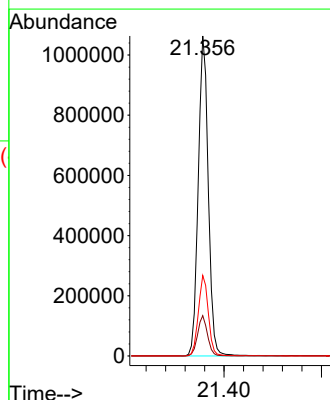
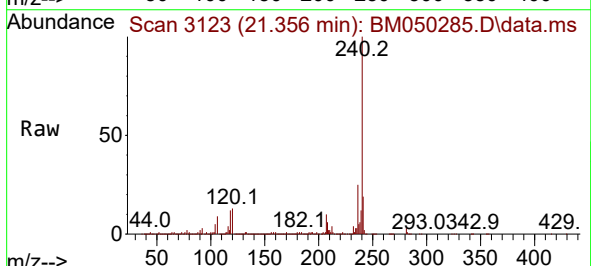
Tgt Ion:240 Resp: 1530846

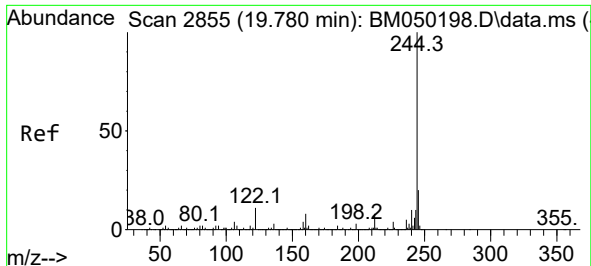
Ion Ratio Lower Upper

240 100

120 12.6 9.0 13.4

236 25.2 20.7 31.1

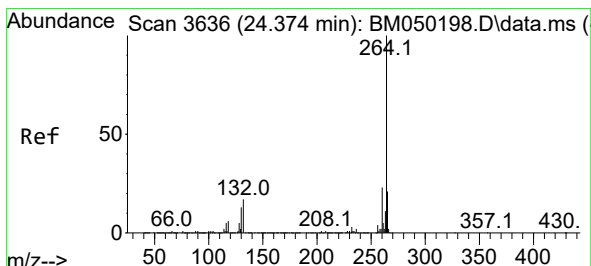
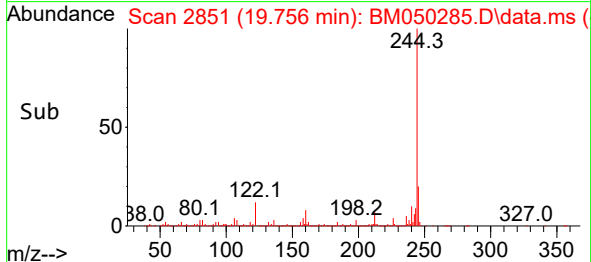
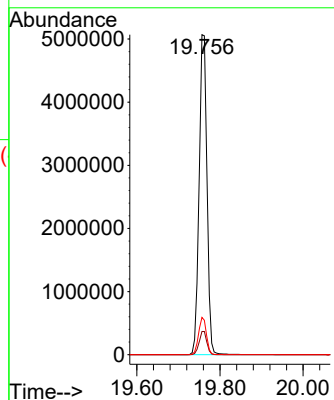
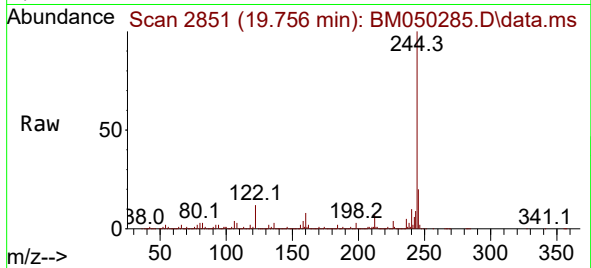




#79
 Terphenyl-d14
 Concen: 82.551 ng
 RT: 19.756 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050285.D
 Acq: 11 Jun 2025 22:00

Instrument :
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Tgt Ion:244 Resp: 6668641
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.7 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: BM050285.D
 Acq: 11 Jun 2025 22:00

Tgt Ion:264 Resp: 1608385
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.5 16.8 25.2

