

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050307.D
 Acq On : 13 Jun 2025 19:47
 Operator : RC/JU
 Sample : Q2296-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Jun 13 23:20:24 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	403103	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1510170	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	825220	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1554510	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1691606	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1794858	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3402051	140.785	ng	0.00
7) Phenol-d6	6.934	99	3859112	121.315	ng	0.00
23) Nitrobenzene-d5	8.910	82	2769580	95.381	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1353080	144.155	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5395269	88.514	ng	-0.01
79) Terphenyl-d14	19.756	244	7538072	84.445	ng	-0.01

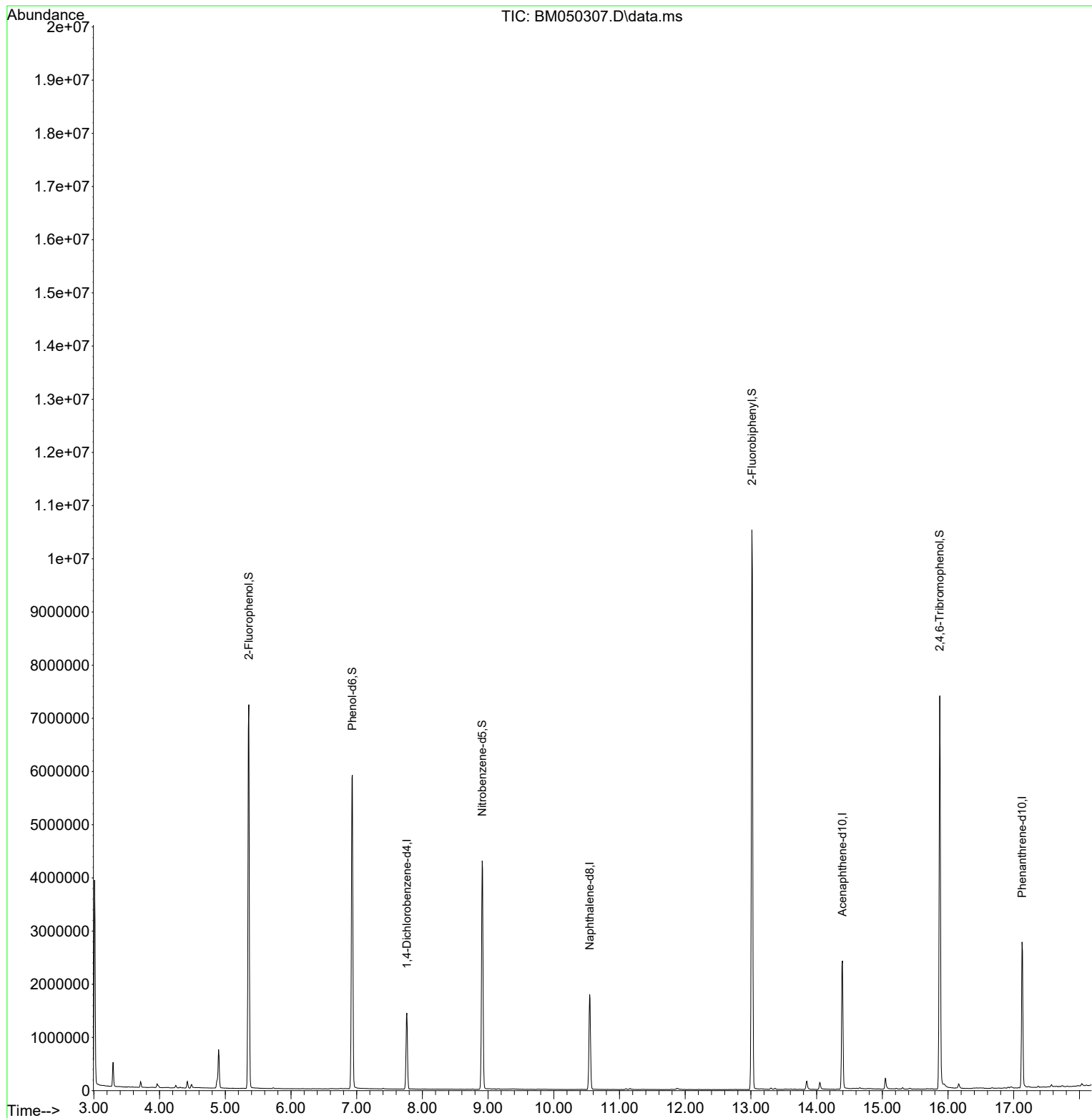
Target Compounds	Qvalue

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

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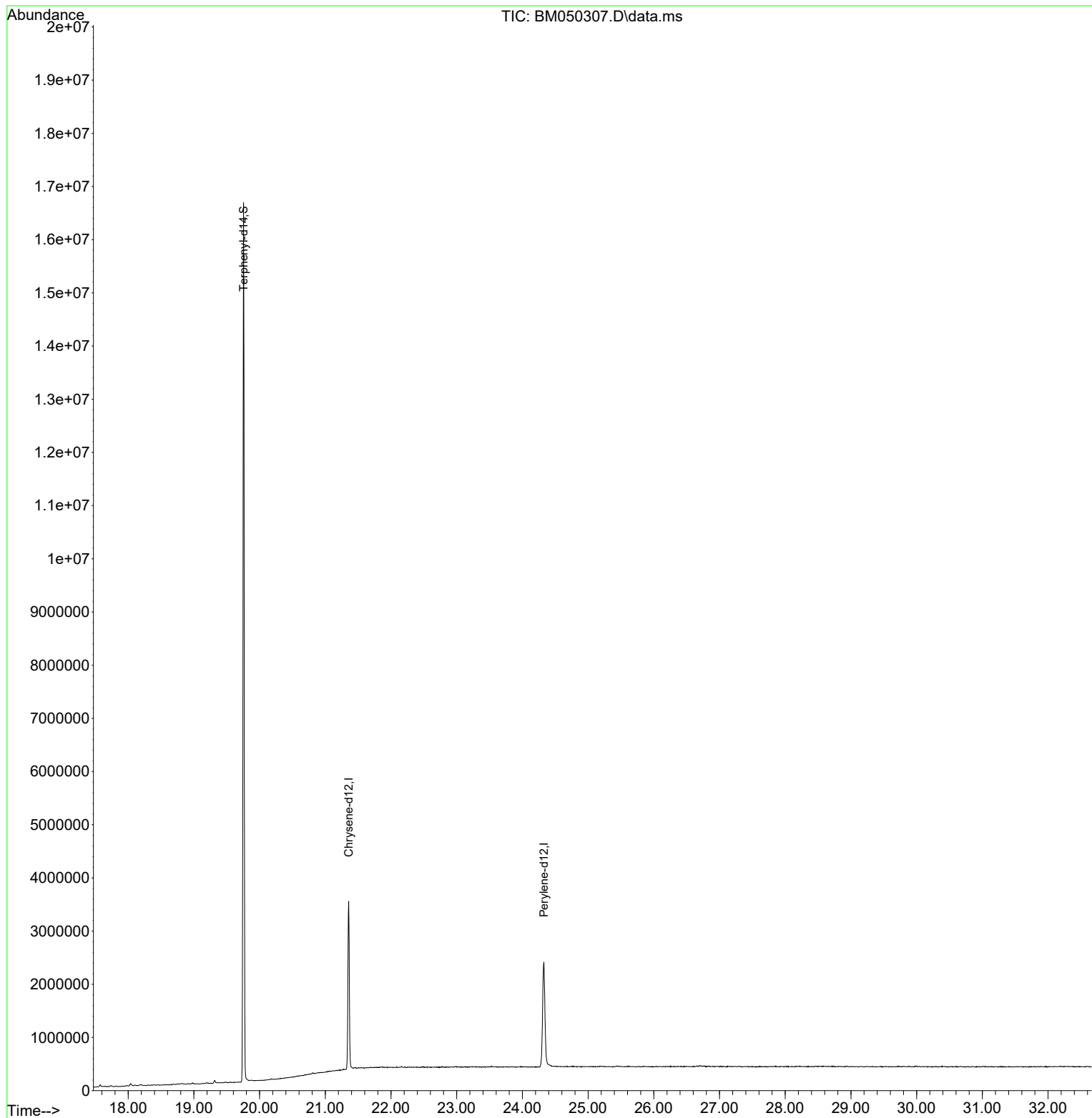
Quant Time: Jun 13 23:20:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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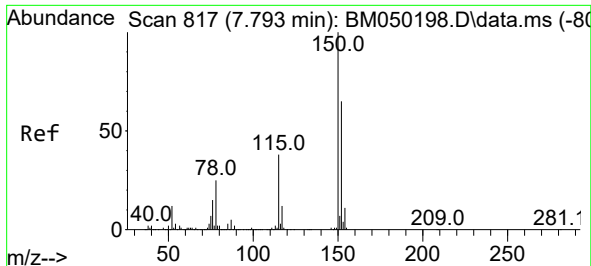


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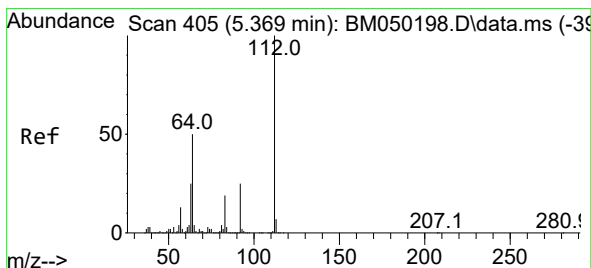
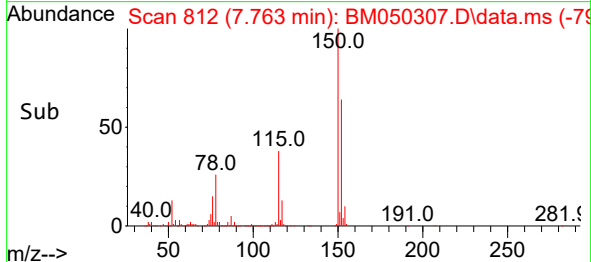
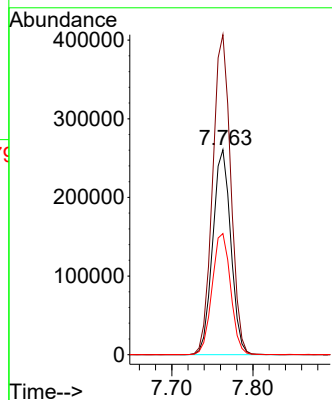
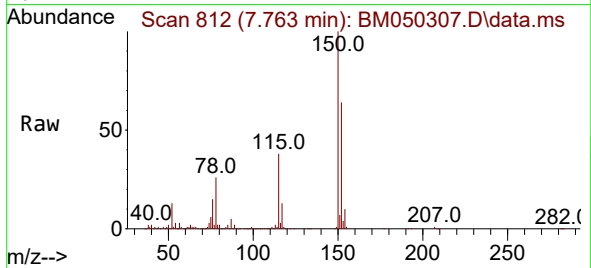




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050307.D
Acq: 13 Jun 2025 19:47

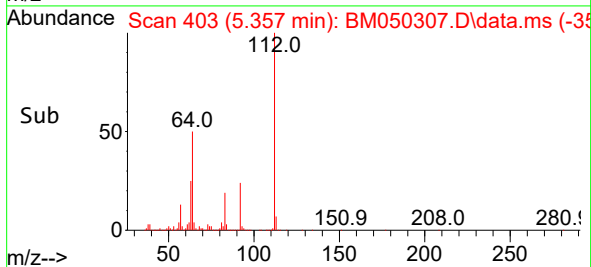
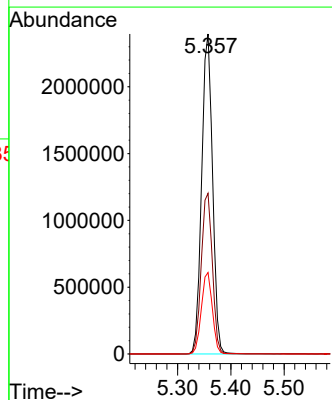
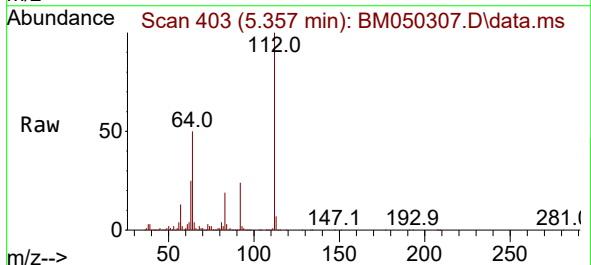
Instrument :
BNA_M
ClientSampleId :
WC-1

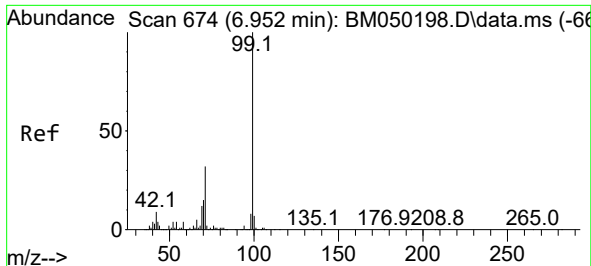
Tgt Ion:152 Resp: 403103
Ion Ratio Lower Upper
152 100
150 156.2 122.2 183.4
115 59.1 46.3 69.5



#5
2-Fluorophenol
Concen: 140.785 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050307.D
Acq: 13 Jun 2025 19:47

Tgt Ion:112 Resp: 3402051
Ion Ratio Lower Upper
112 100
64 50.2 39.8 59.6
63 25.5 19.8 29.8

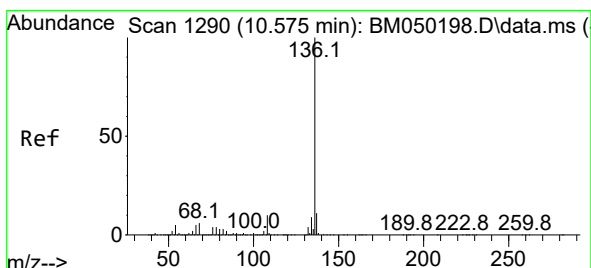
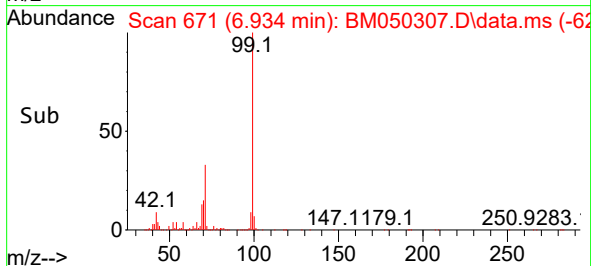
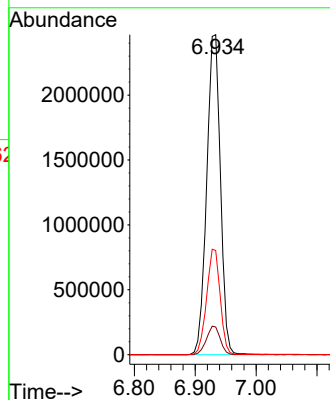
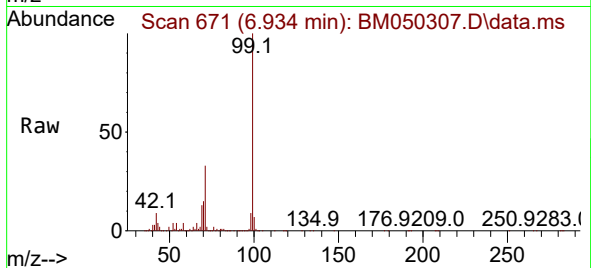




#7
Phenol-d6
Concen: 121.315 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050307.D
Acq: 13 Jun 2025 19:47

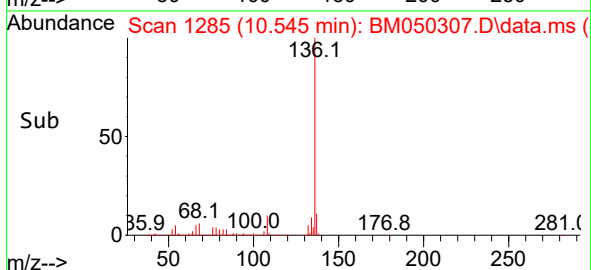
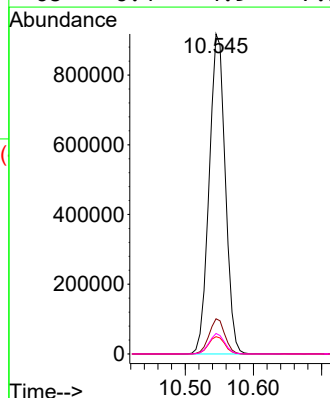
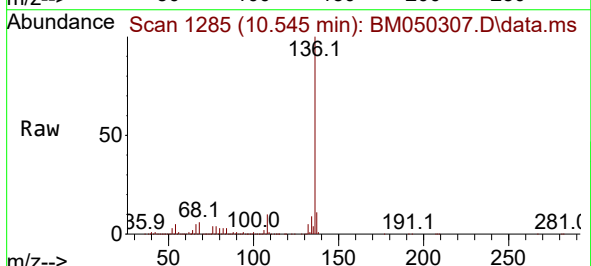
Instrument :
BNA_M
ClientSampleId :
WC-1

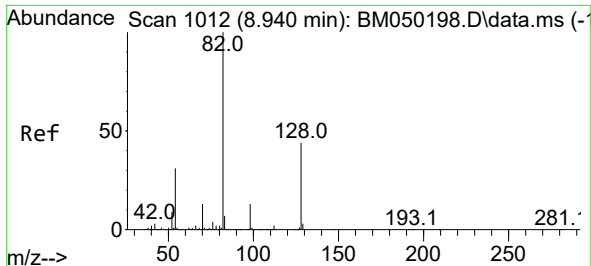
Tgt Ion: 99 Resp: 3859112
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050307.D
Acq: 13 Jun 2025 19:47

Tgt Ion: 136 Resp: 1510170
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.4 3.8 5.8
68 6.4 4.9 7.3

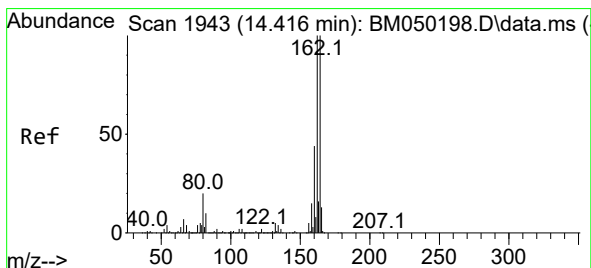
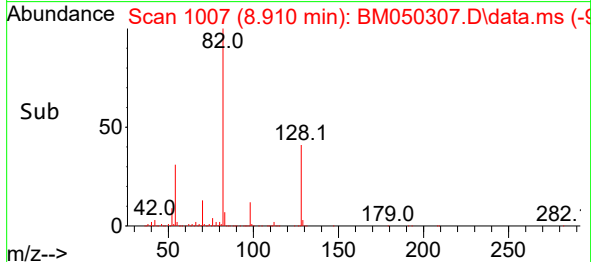
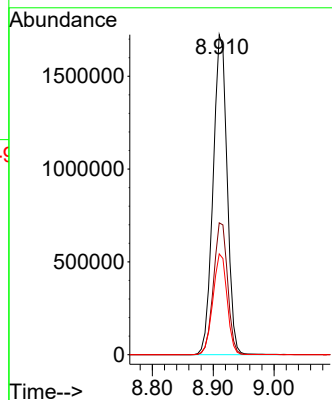
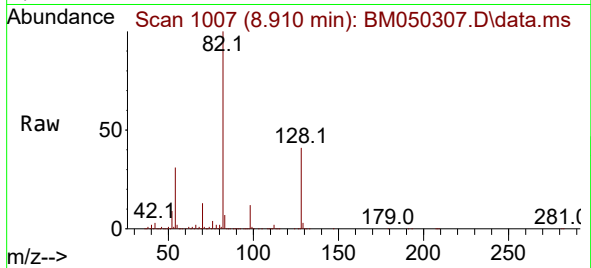




#23
Nitrobenzene-d5
Concen: 95.381 ng
RT: 8.910 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050307.D
Acq: 13 Jun 2025 19:47

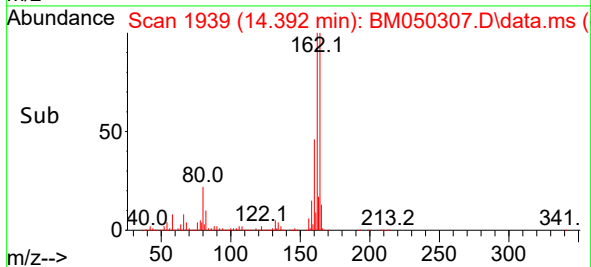
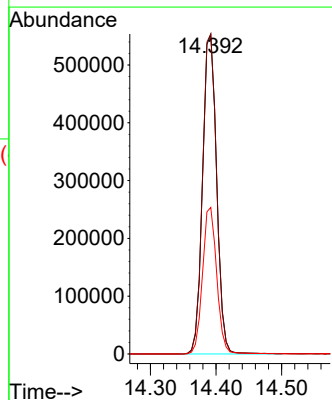
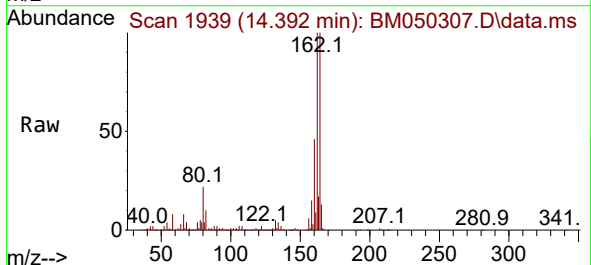
Instrument :
BNA_M
ClientSampleId :
WC-1

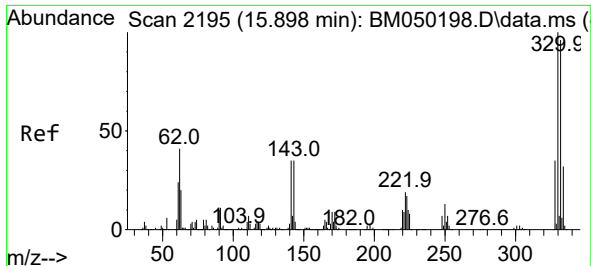
Tgt Ion: 82 Resp: 2769580
Ion Ratio Lower Upper
82 100
128 41.2 35.2 52.8
54 31.5 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050307.D
Acq: 13 Jun 2025 19:47

Tgt Ion:164 Resp: 825220
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.4
160 45.9 35.7 53.5

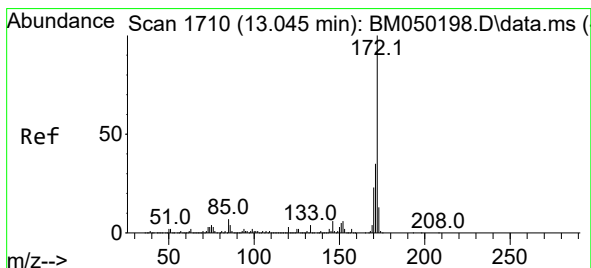
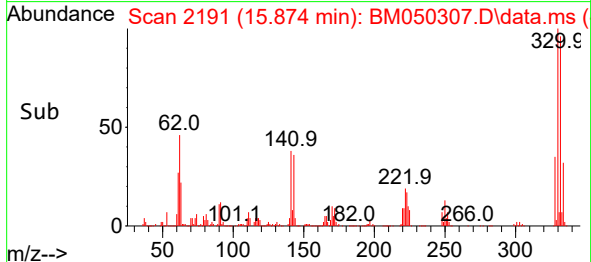
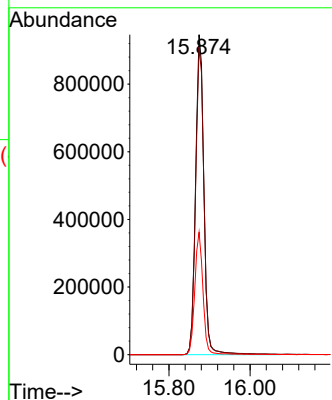
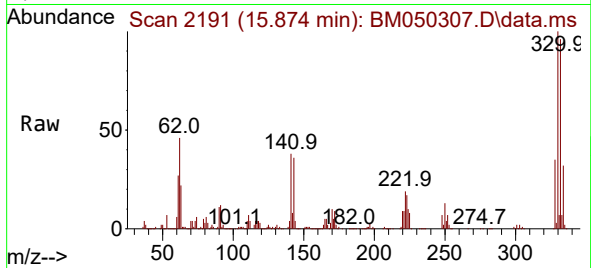




#42
2,4,6-Tribromophenol
Concen: 144.155 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050307.D
Acq: 13 Jun 2025 19:47

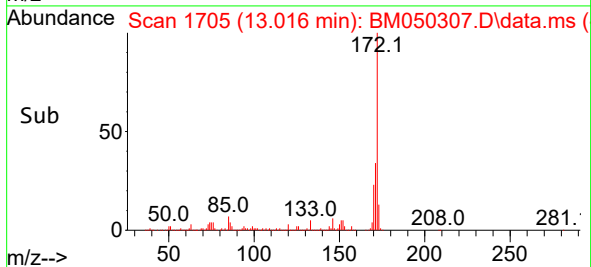
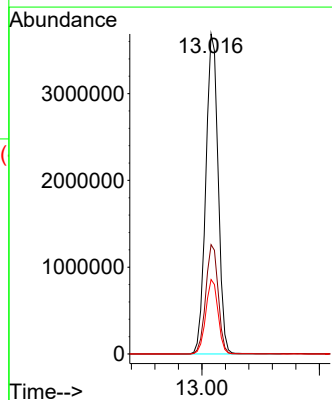
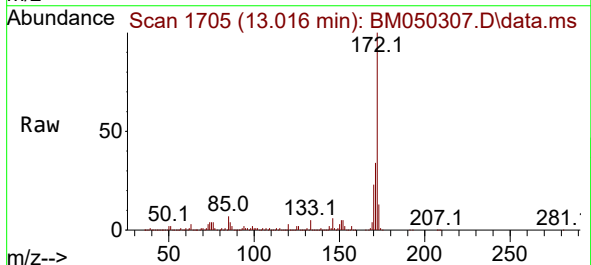
Instrument :
BNA_M
ClientSampleId :
WC-1

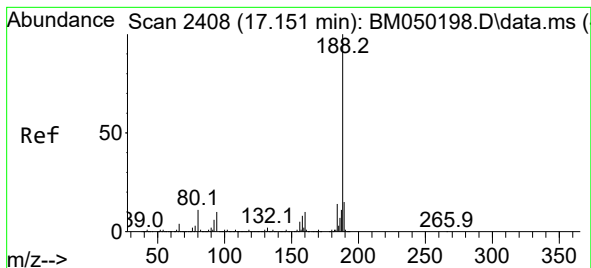
Tgt Ion:330 Resp: 1353080
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 37.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.514 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050307.D
Acq: 13 Jun 2025 19:47

Tgt Ion:172 Resp: 5395269
Ion Ratio Lower Upper
172 100
171 34.2 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: BM050307.D

Acq: 13 Jun 2025 19:47

Instrument :

BNA_M

ClientSampleId :

WC-1

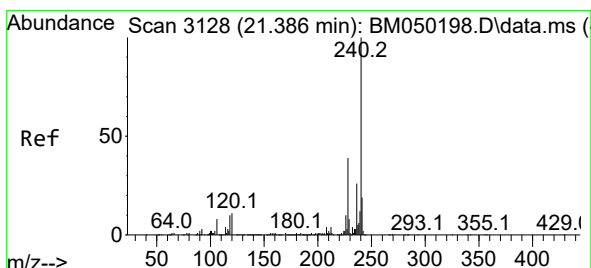
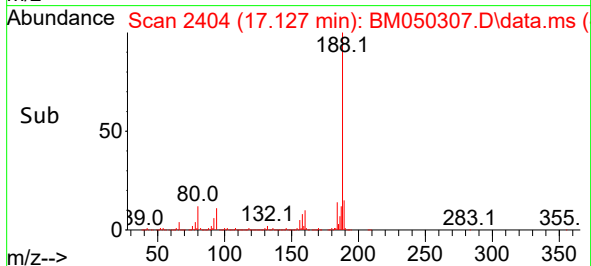
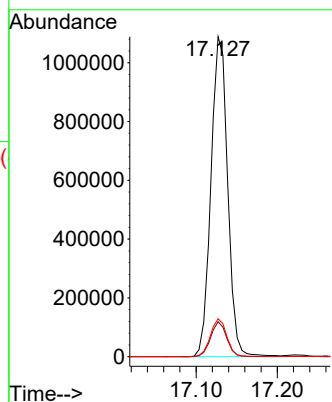
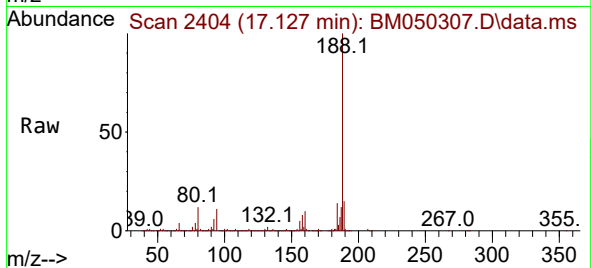
Tgt Ion:188 Resp: 1554510

Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

80 11.9 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: BM050307.D

Acq: 13 Jun 2025 19:47

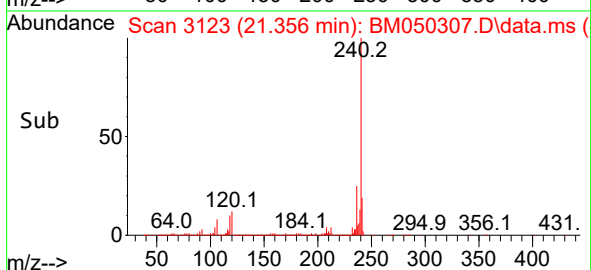
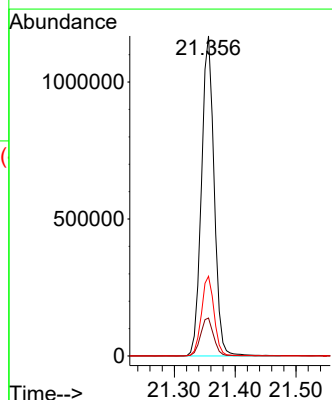
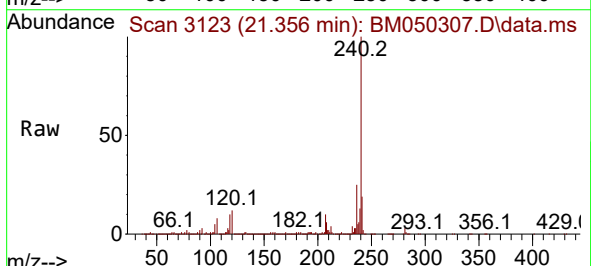
Tgt Ion:240 Resp: 1691606

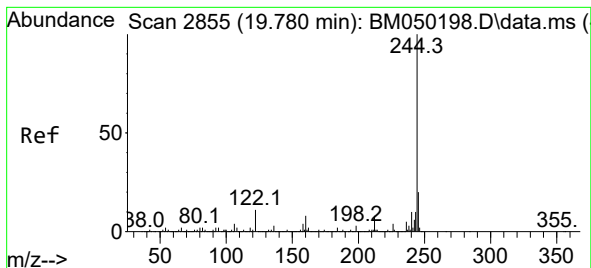
Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 84.445 ng

RT: 19.756 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM050307.D

Acq: 13 Jun 2025 19:47

Instrument :

BNA_M

ClientSampleId :

WC-1

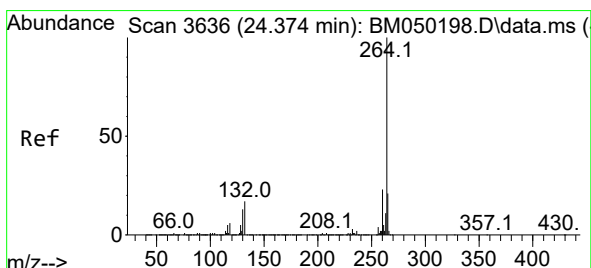
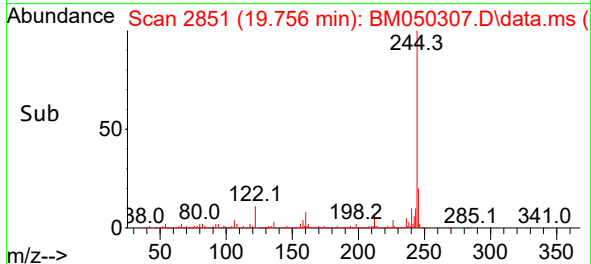
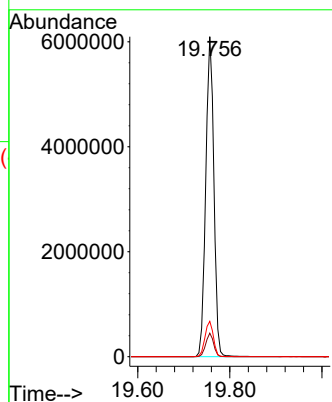
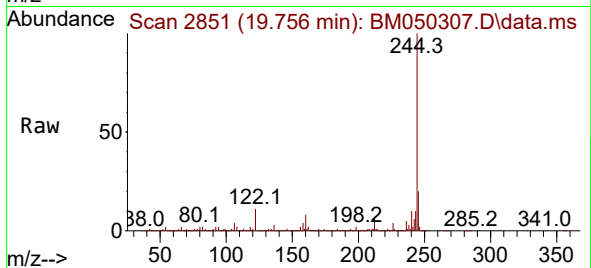
Tgt Ion:244 Resp: 7538072

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.0 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: BM050307.D

Acq: 13 Jun 2025 19:47

Tgt Ion:264 Resp: 1794858

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 22.1 16.8 25.2

