

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050311.D
 Acq On : 13 Jun 2025 22:24
 Operator : RC/JU
 Sample : Q2296-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-5

Quant Time: Jun 14 00:41:06 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	374198	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1386931	20.000	ng	#-0.01
39) Acenaphthene-d10	14.392	164	729126	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1344097	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1424977	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1496511	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3229031	143.947	ng	0.00
7) Phenol-d6	6.928	99	3589177	121.545	ng	0.00
23) Nitrobenzene-d5	8.910	82	2720170	102.003	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1177559	141.989	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5113901	94.956	ng	-0.01
79) Terphenyl-d14	19.756	244	6281401	83.534	ng	-0.01

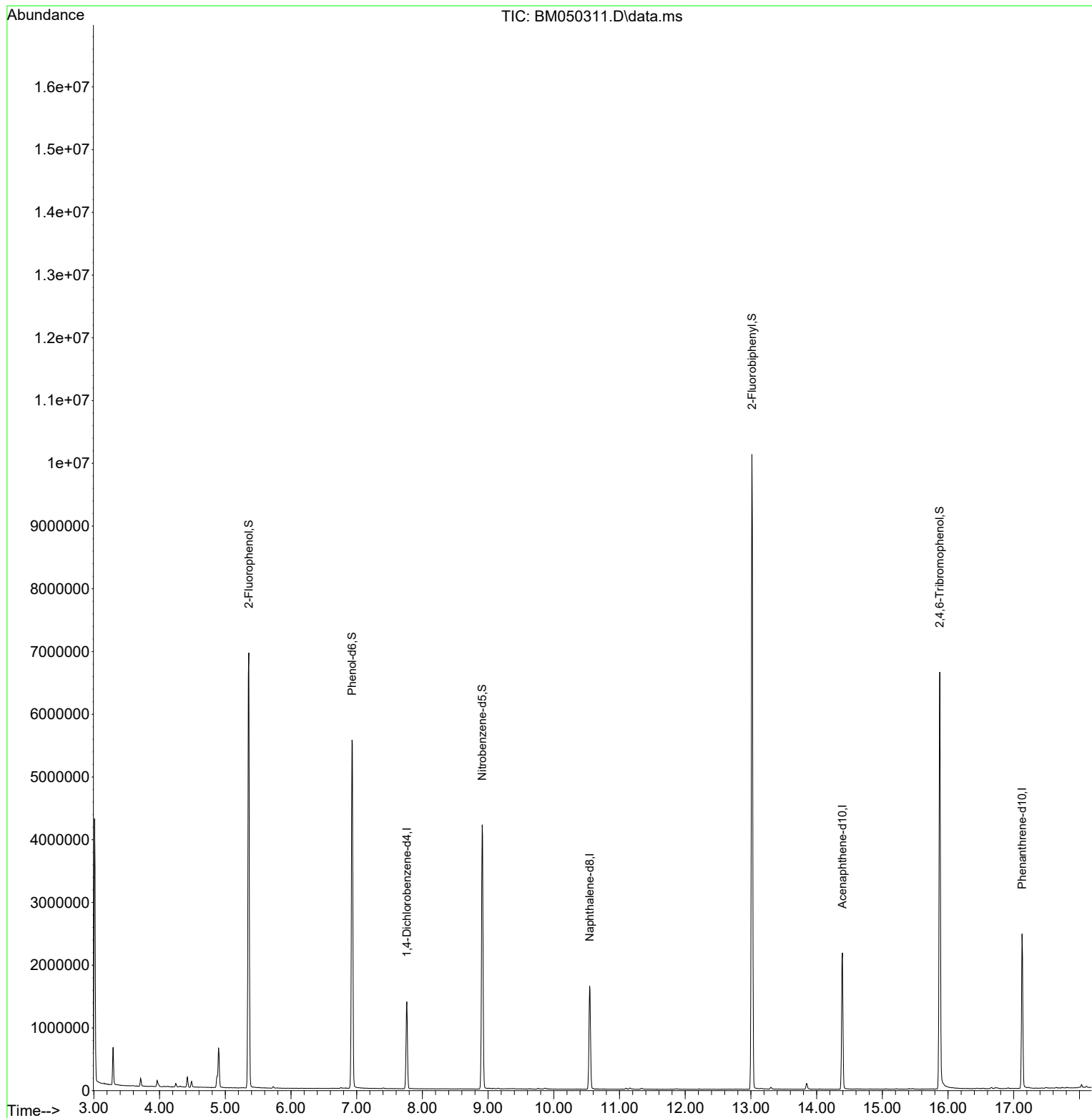
Target Compounds	Qvalue

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

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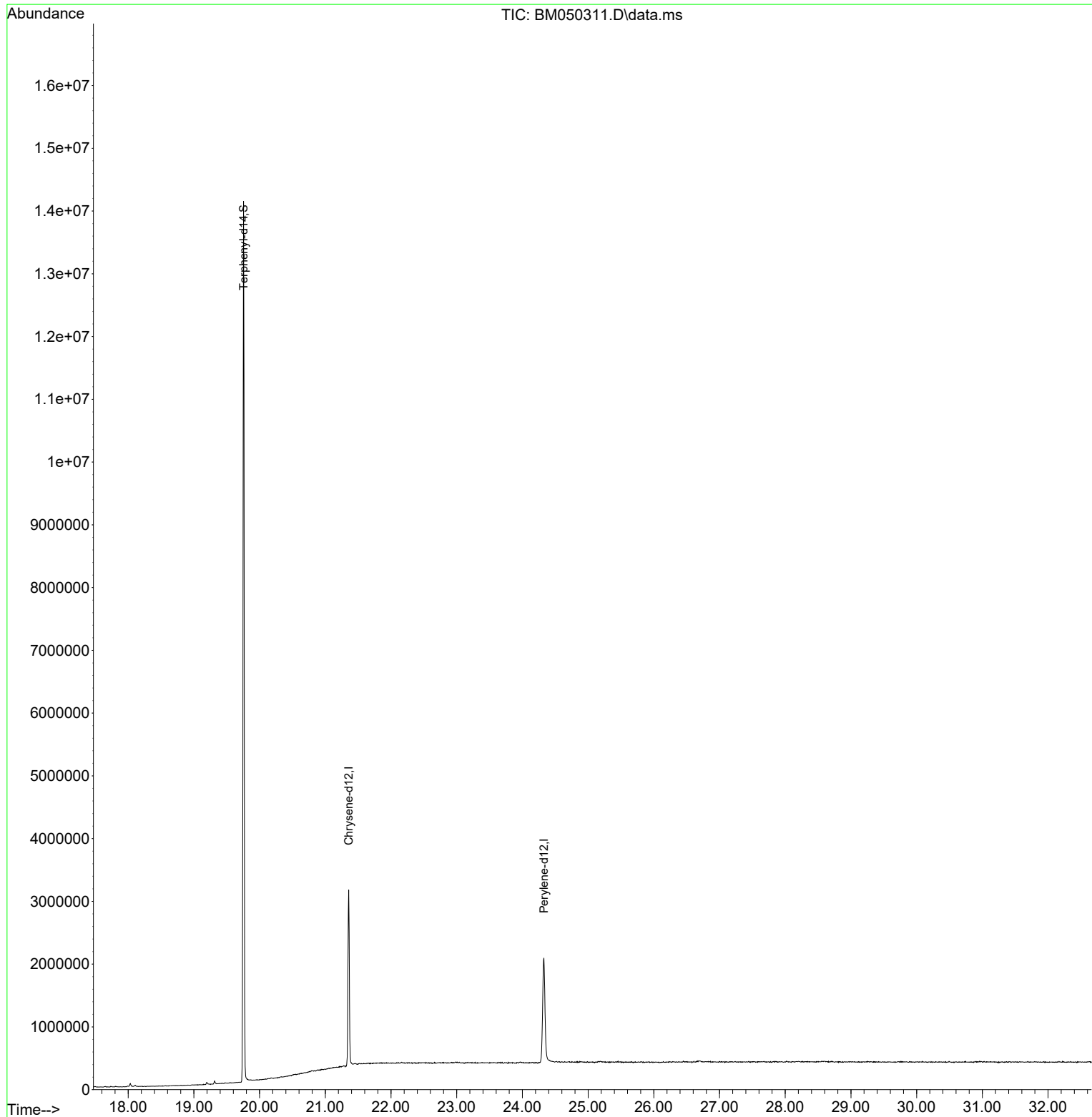
Quant Time: Jun 14 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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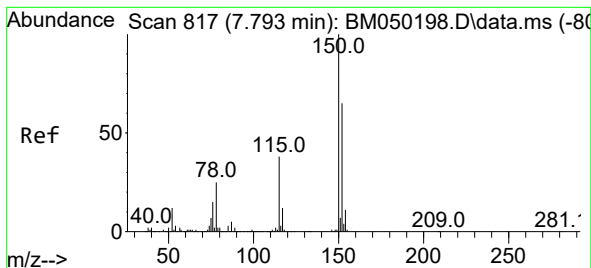


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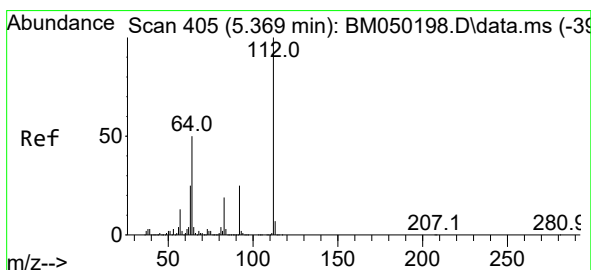
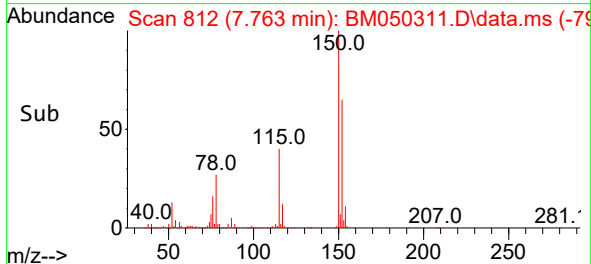
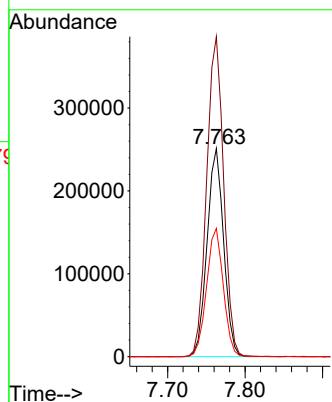
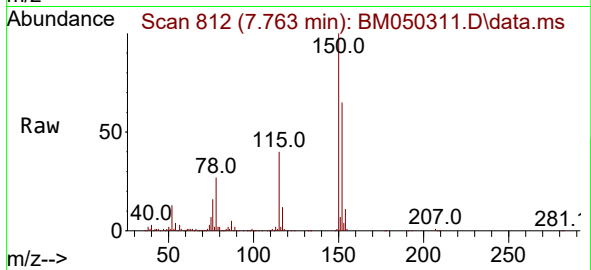




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050311.D
Acq: 13 Jun 2025 22:24

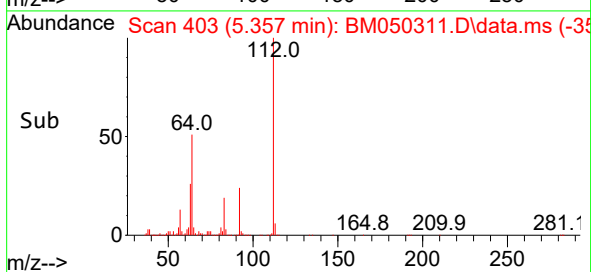
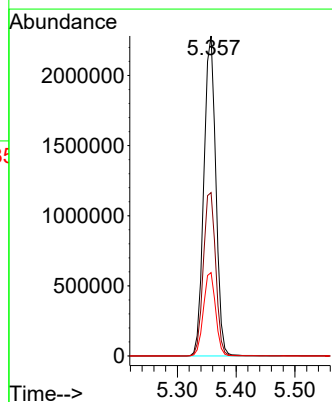
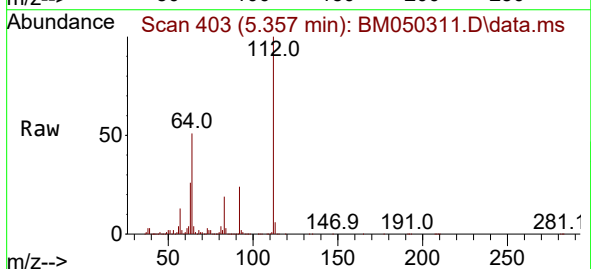
Instrument :
BNA_M
ClientSampleId :
WC-5

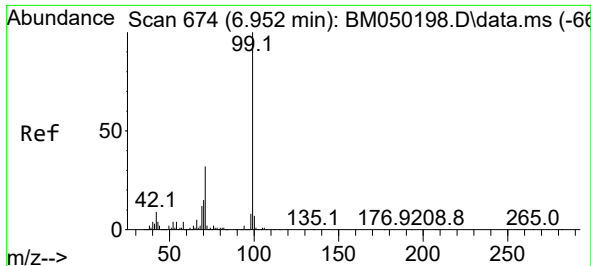
Tgt Ion:152 Resp: 374198
Ion Ratio Lower Upper
152 100
150 153.7 122.2 183.4
115 61.7 46.3 69.5



#5
2-Fluorophenol
Concen: 143.947 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050311.D
Acq: 13 Jun 2025 22:24

Tgt Ion:112 Resp: 3229031
Ion Ratio Lower Upper
112 100
64 51.1 39.8 59.6
63 26.0 19.8 29.8

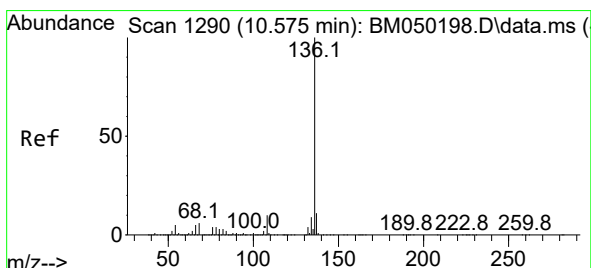
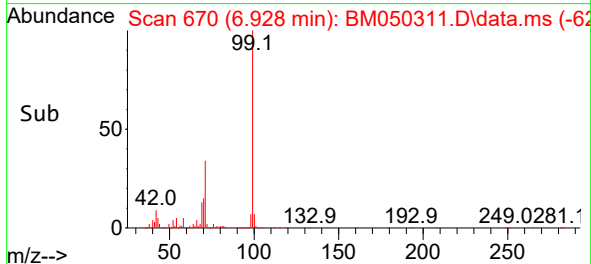
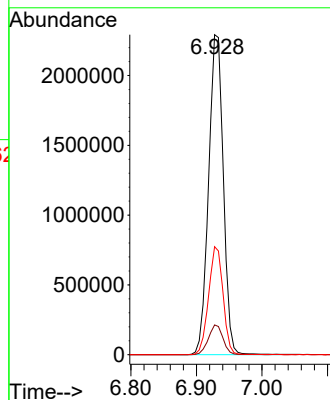
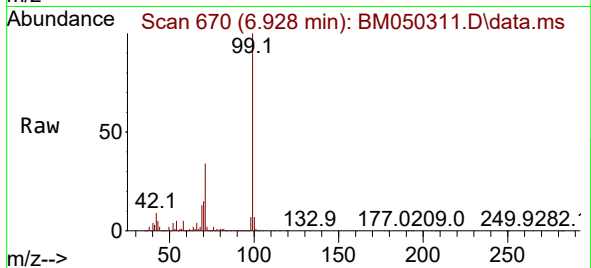




#7
Phenol-d6
Concen: 121.545 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050311.D
Acq: 13 Jun 2025 22:24

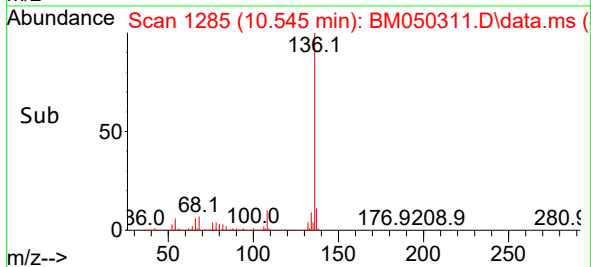
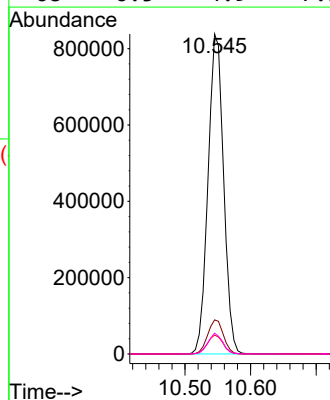
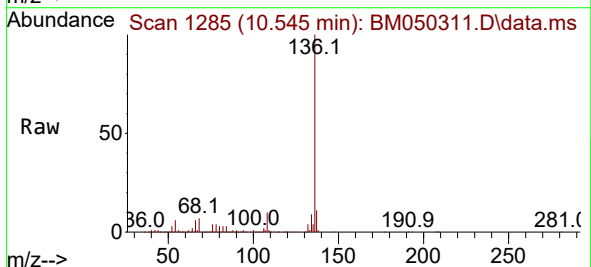
Instrument :
BNA_M
ClientSampleId :
WC-5

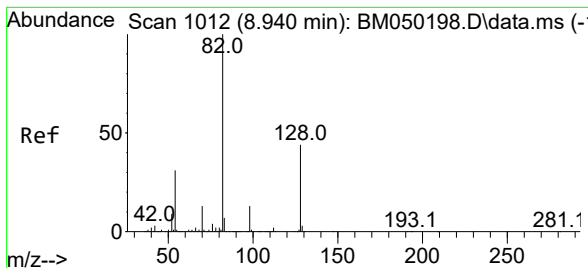
Tgt Ion: 99 Resp: 3589177
Ion Ratio Lower Upper
99 100
42 9.3 6.9 10.3
71 33.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050311.D
Acq: 13 Jun 2025 22:24

Tgt Ion: 136 Resp: 1386931
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.9 3.8 5.8#
68 6.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 102.003 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

Instrument :

BNA_M

ClientSampleId :

WC-5

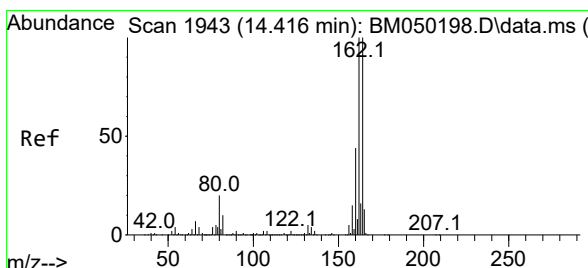
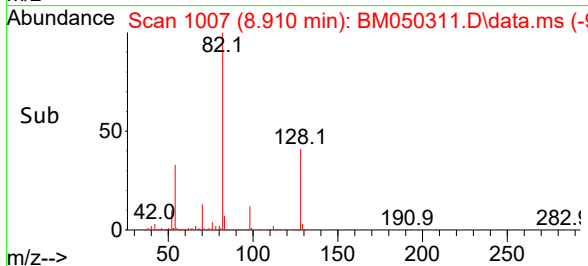
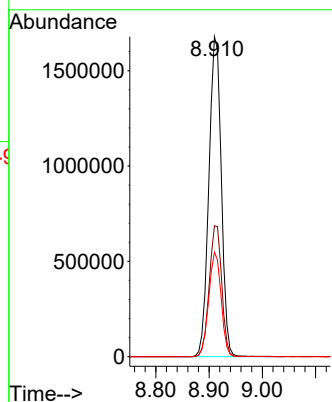
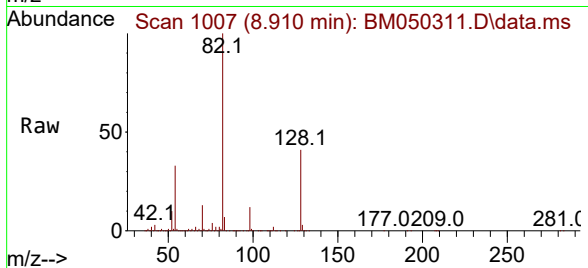
Tgt Ion: 82 Resp: 2720170

Ion Ratio Lower Upper

82 100

128 40.9 35.2 52.8

54 32.7 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: BM050311.D

Acq: 13 Jun 2025 22:24

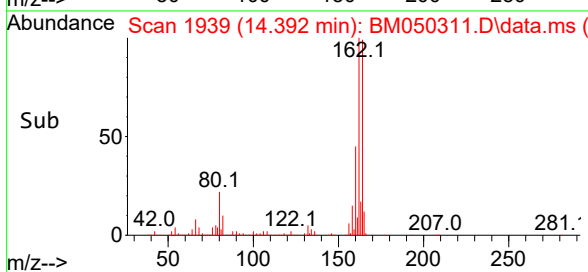
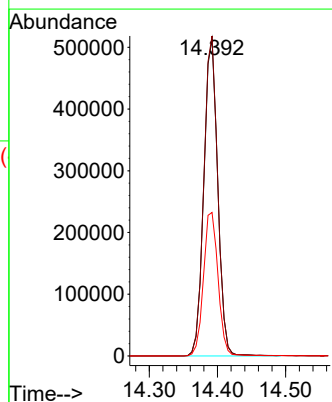
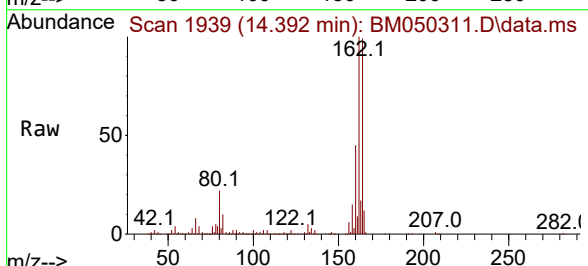
Tgt Ion: 164 Resp: 729126

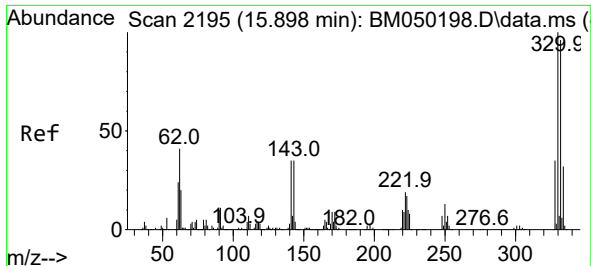
Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.4

160 45.3 35.7 53.5

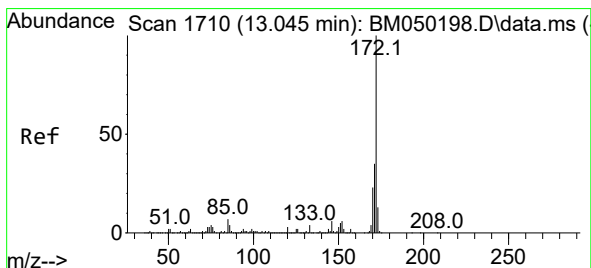
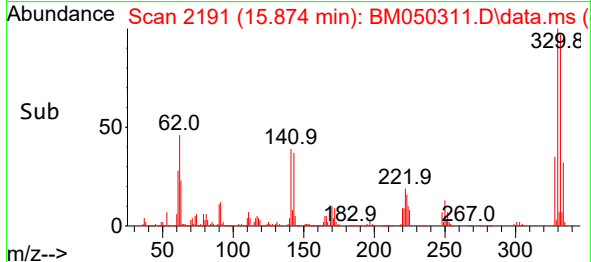
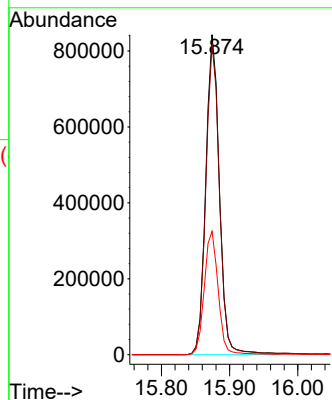
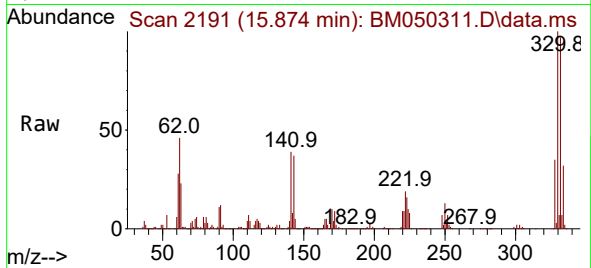




#42
2,4,6-Tribromophenol
Concen: 141.989 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050311.D
Acq: 13 Jun 2025 22:24

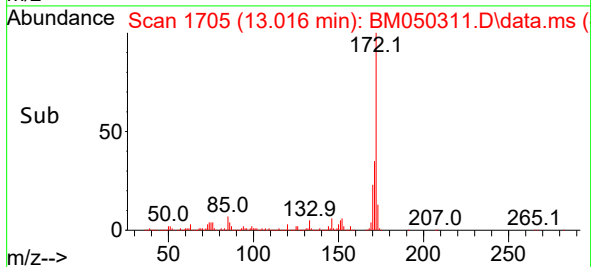
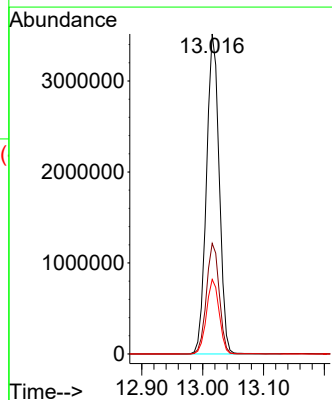
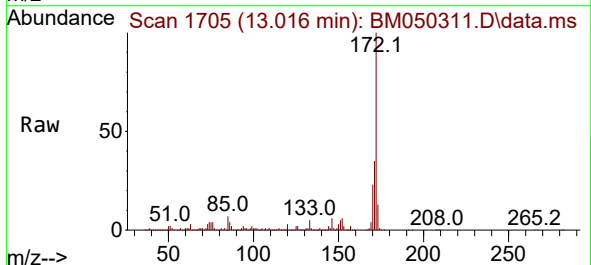
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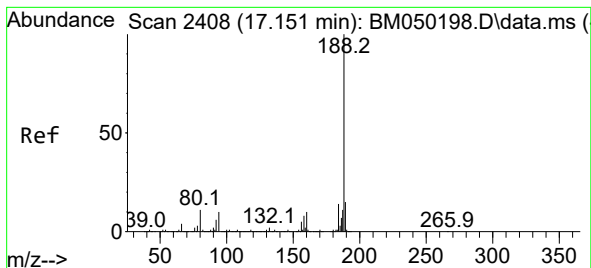
Tgt Ion:330 Resp: 1177559
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 39.3 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 94.956 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050311.D
Acq: 13 Jun 2025 22:24

Tgt Ion:172 Resp: 5113901
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: 17.127 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

Instrument :

BNA_M

ClientSampleId :

WC-5

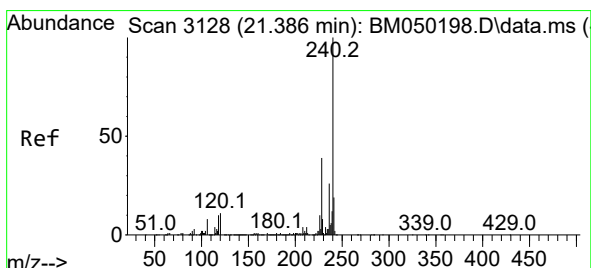
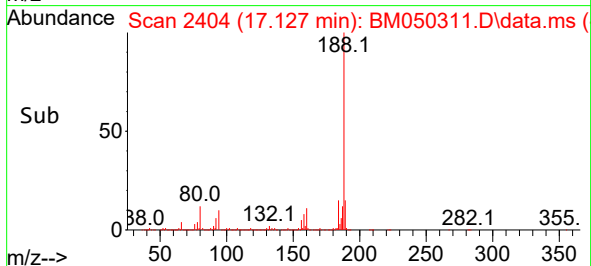
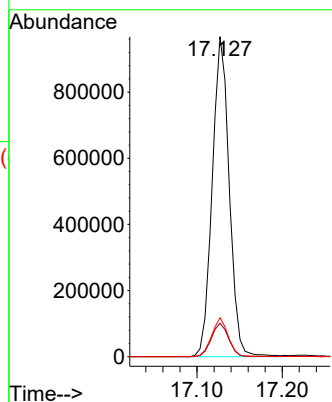
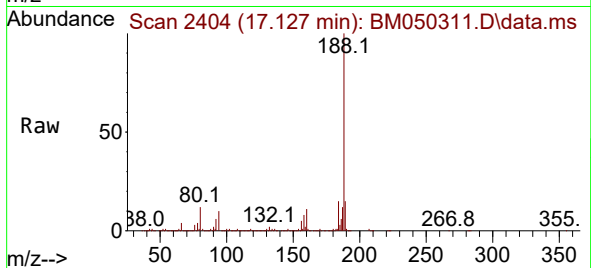
Tgt Ion:188 Resp: 1344097

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 12.1 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: BM050311.D

Acq: 13 Jun 2025 22:24

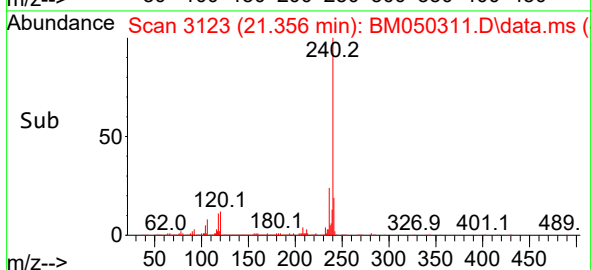
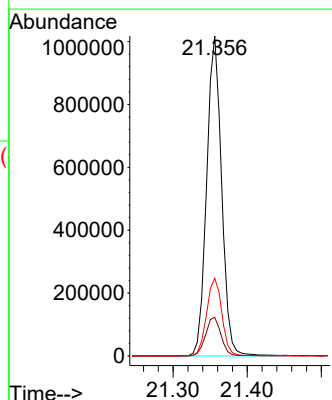
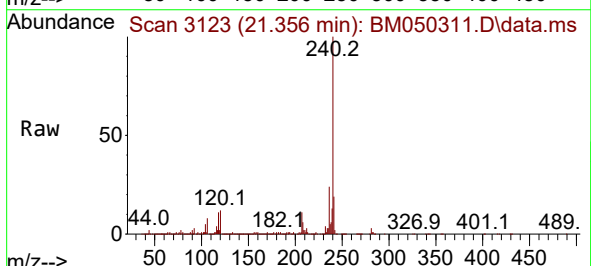
Tgt Ion:240 Resp: 1424977

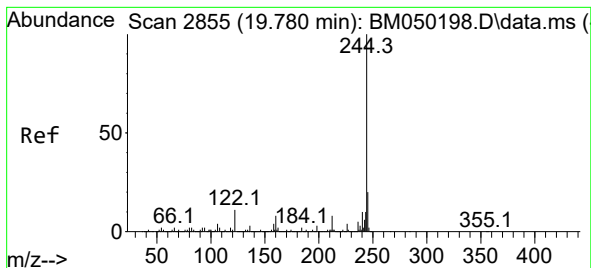
Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.4

236 24.3 20.7 31.1





#79

Terphenyl-d14

Concen: 83.534 ng

RT: 19.756 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

Instrument :

BNA_M

ClientSampleId :

WC-5

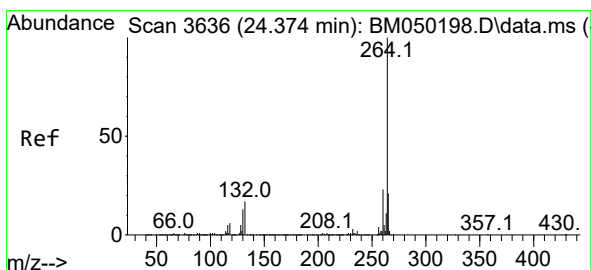
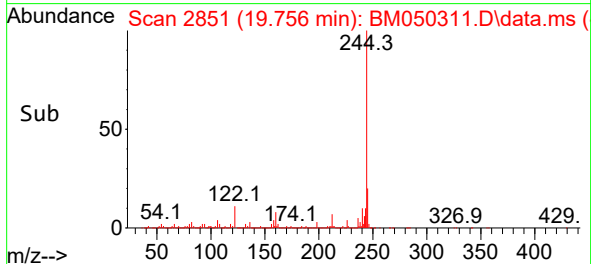
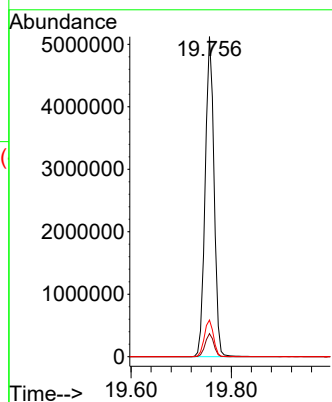
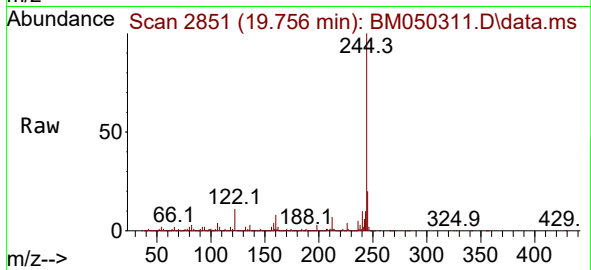
Tgt Ion:244 Resp: 6281401

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 11.5 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: BM050311.D

Acq: 13 Jun 2025 22:24

Tgt Ion:264 Resp: 1496511

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.6 16.8 25.2

