

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050278.D
 Acq On : 11 Jun 2025 17:24
 Operator : RC/JU
 Sample : PB168422BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 11 18:24:46 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	379949	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1397818	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	753306	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1427852	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1514576	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1590017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3541836	155.502	ng	0.00
7) Phenol-d6	6.934	99	4283310	142.856	ng	0.00
23) Nitrobenzene-d5	8.916	82	2535242	94.328	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1329100	155.118	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	5339966	95.971	ng	0.00
79) Terphenyl-d14	19.762	244	7459640	93.334	ng	0.00

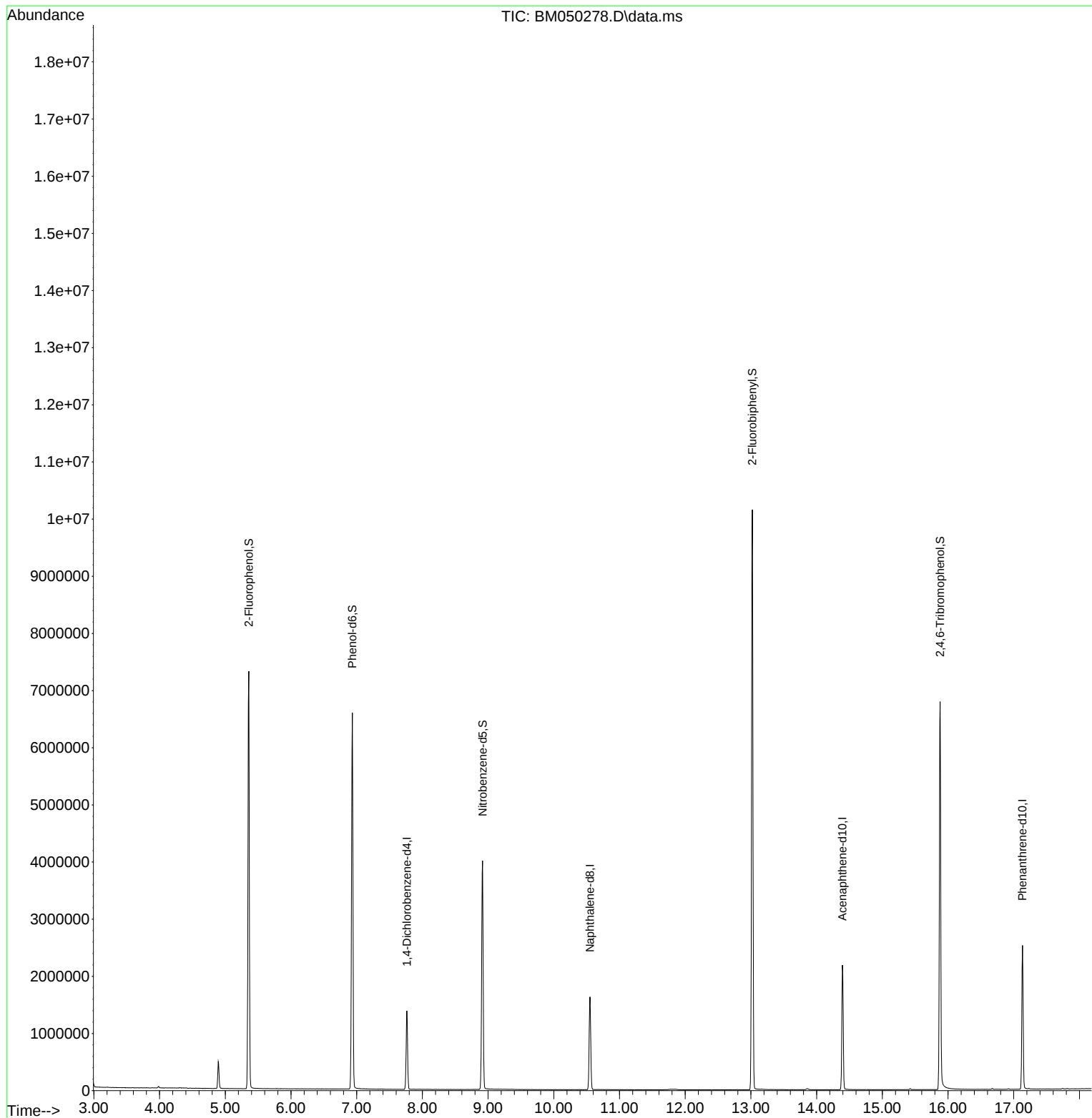
Target Compounds	Qvalue

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

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BNA_M
ClientSampleId :

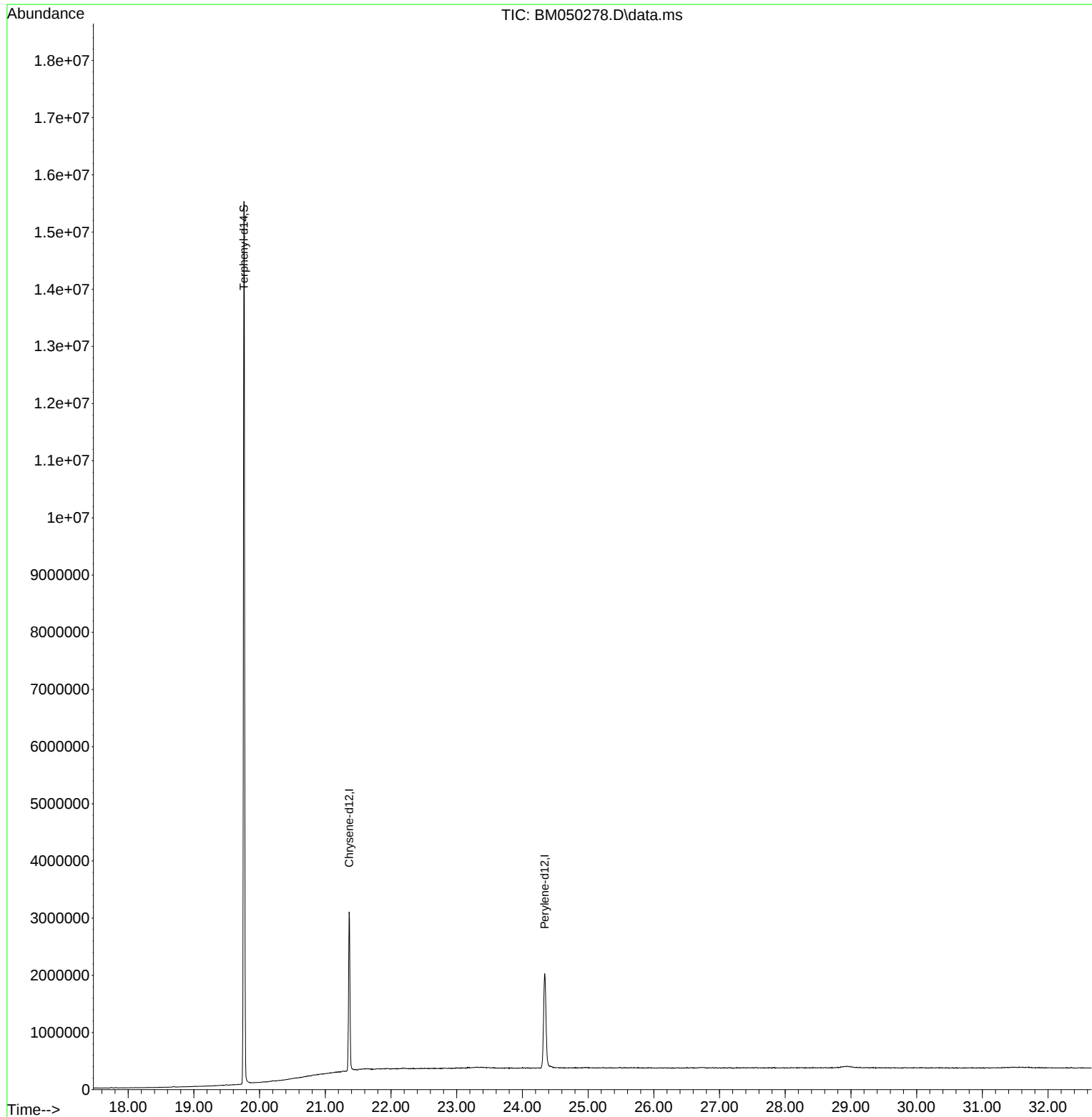
Quant Time: Jun 11 18:24:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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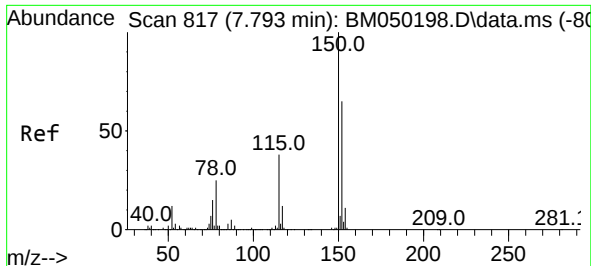


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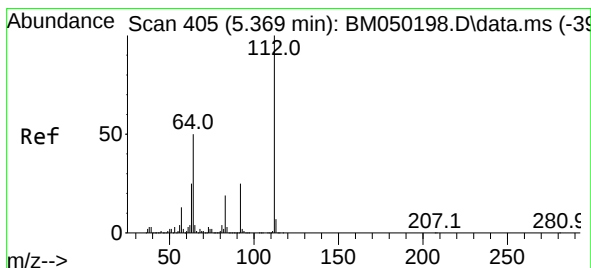
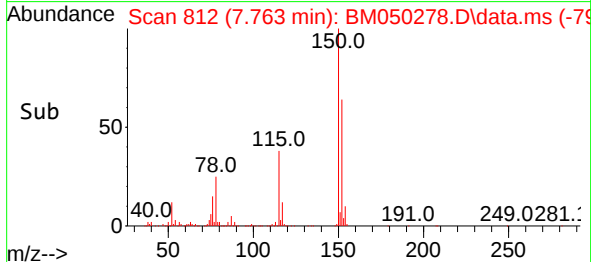
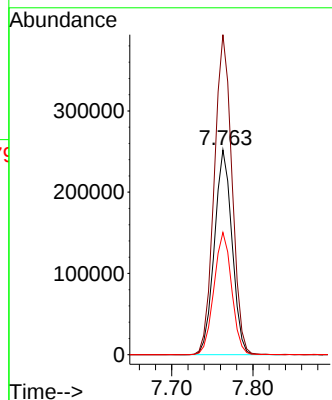
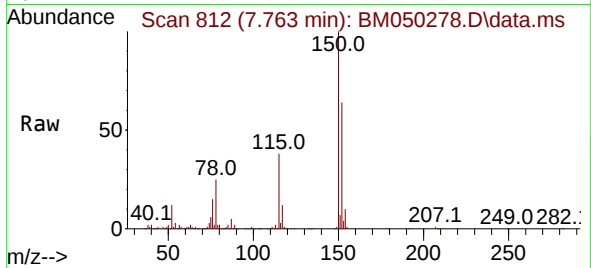




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

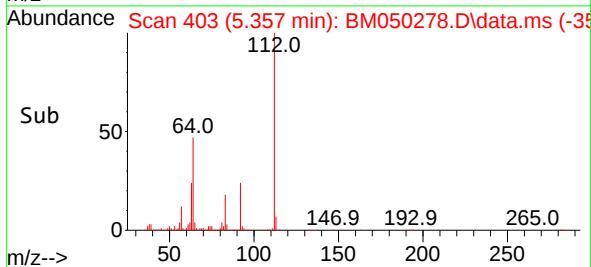
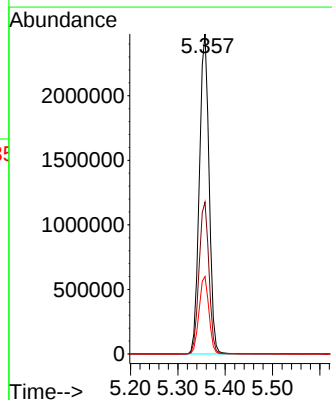
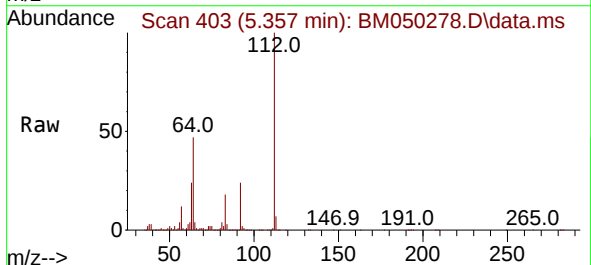
Instrument :
BNA_M
ClientSampleId :

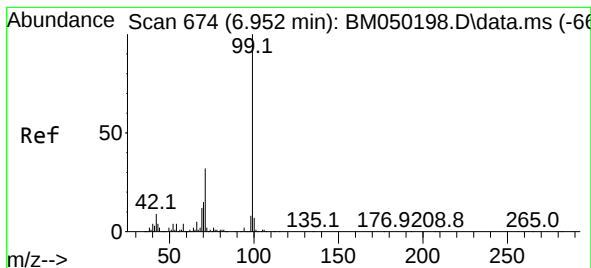
Tgt Ion:152 Resp: 379949
Ion Ratio Lower Upper
152 100
150 156.2 122.2 183.4
115 59.7 46.3 69.5



#5
2-Fluorophenol
Concen: 155.502 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:112 Resp: 3541836
Ion Ratio Lower Upper
112 100
64 47.4 39.8 59.6
63 24.2 19.8 29.8





#7

Phenol-d6

Concen: 142.856 ng

RT: 6.934 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM050278.D

Acq: 11 Jun 2025 17:24

Instrument :

BNA_M

ClientSampleId :

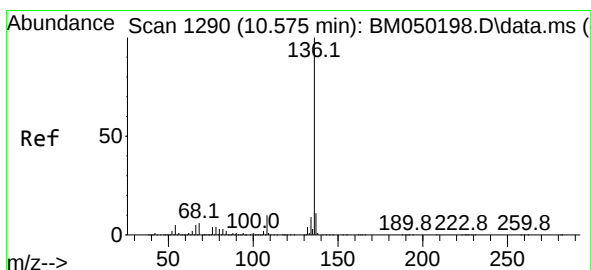
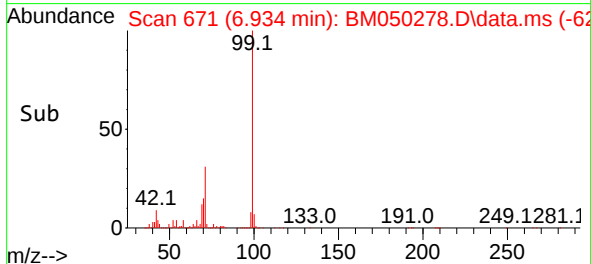
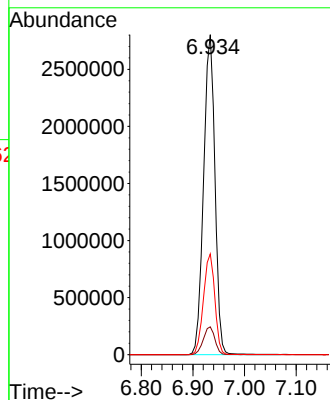
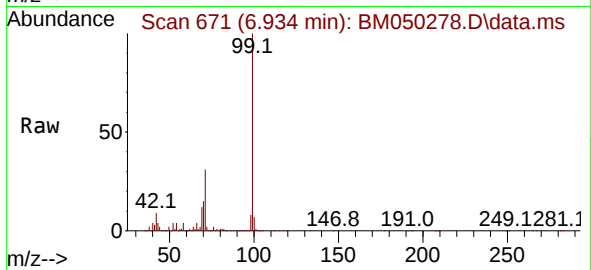
Tgt Ion: 99 Resp: 4283310

Ion Ratio Lower Upper

99 100

42 8.7 6.9 10.3

71 31.5 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: BM050278.D

Acq: 11 Jun 2025 17:24

Tgt Ion: 136 Resp: 1397818

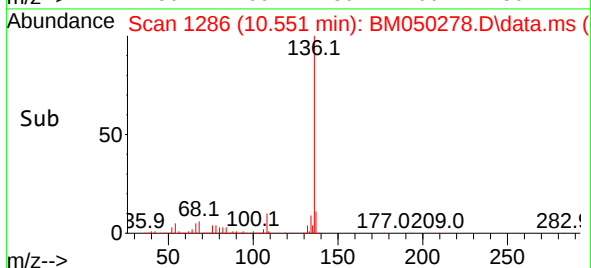
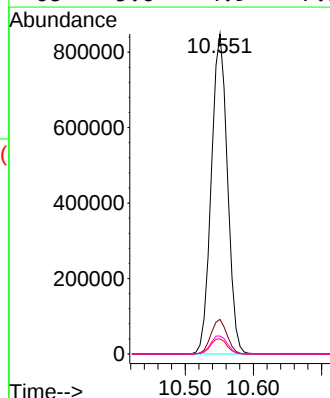
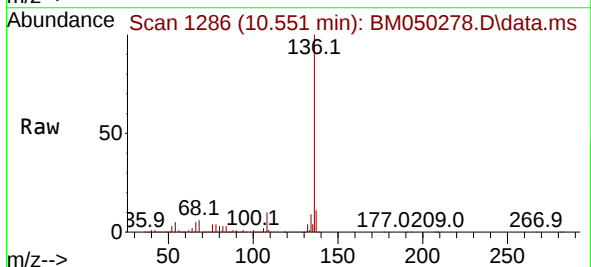
Ion Ratio Lower Upper

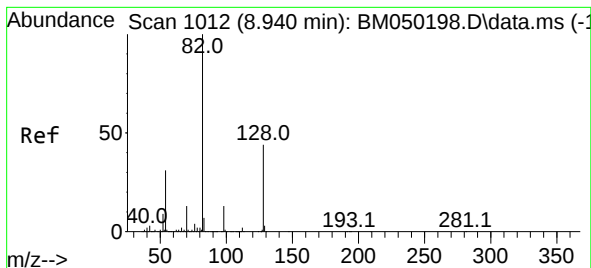
136 100

137 10.8 8.6 13.0

54 4.7 3.8 5.8

68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 94.328 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BM050278.D

Acq: 11 Jun 2025 17:24

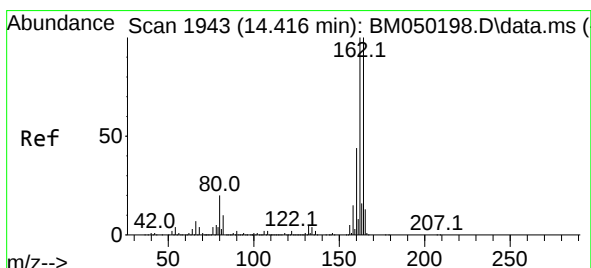
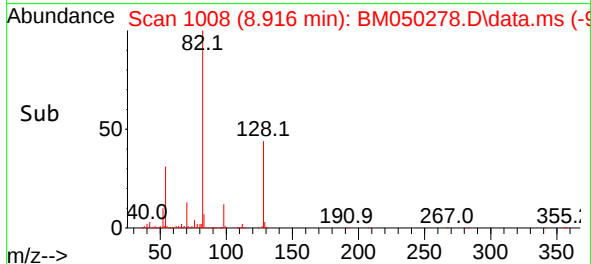
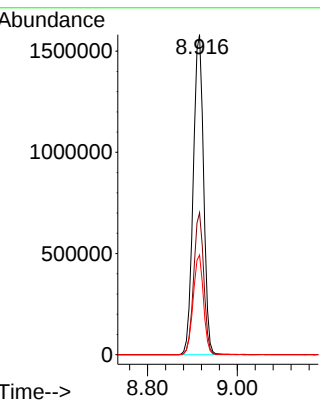
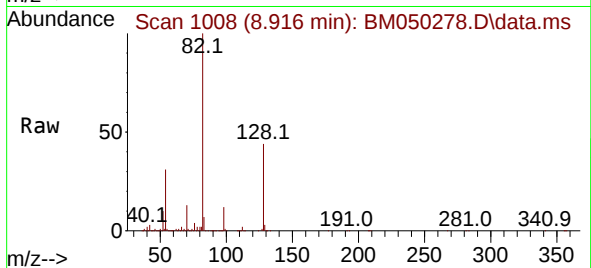
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 82 Resp: 2535242

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.2	52.8
54	31.2	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

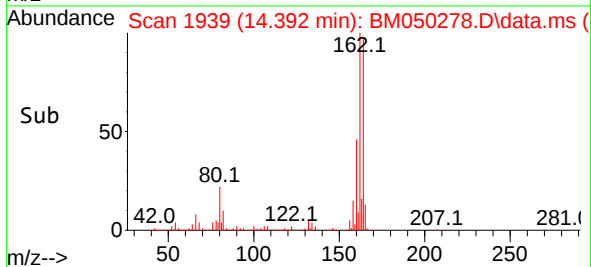
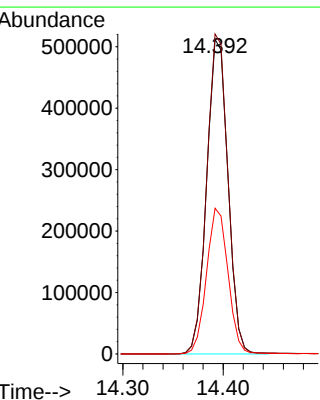
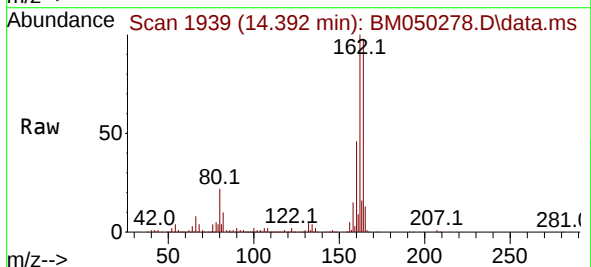
Delta R.T. -0.006 min

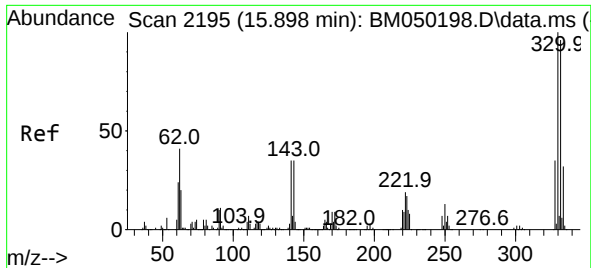
Lab File: BM050278.D

Acq: 11 Jun 2025 17:24

Tgt Ion:164 Resp: 753306

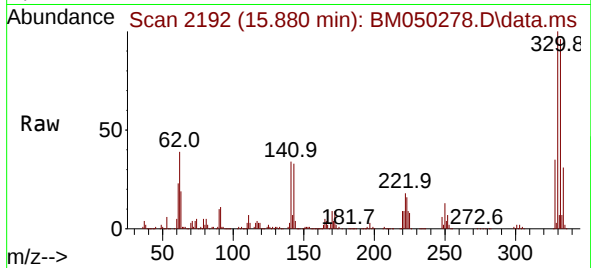
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.4
160	46.3	35.7	53.5



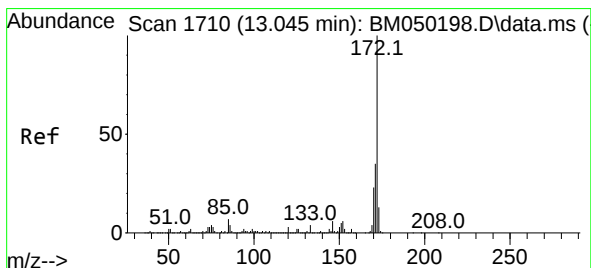
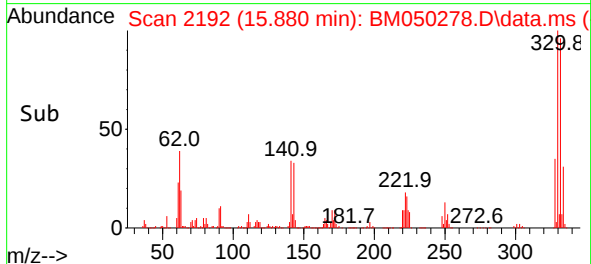
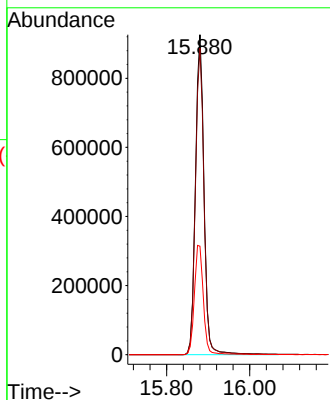


#42
2,4,6-Tribromophenol
Concen: 155.118 ng
RT: 15.880 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Instrument :
BNA_M
ClientSampleId :

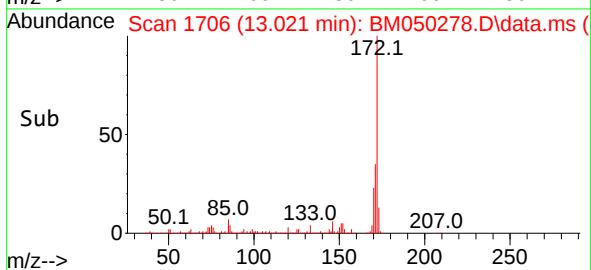
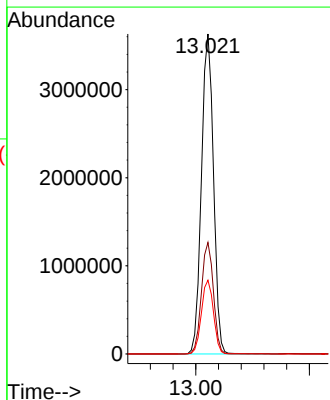
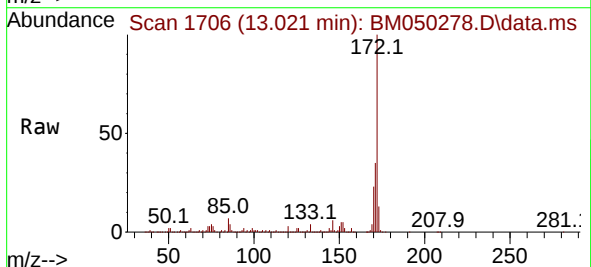


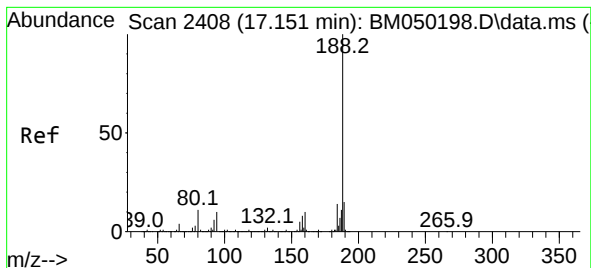
Tgt Ion:330 Resp: 1329100
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 35.8 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 95.971 ng
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:172 Resp: 5339966
Ion Ratio Lower Upper
172 100
171 34.9 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: BM050278.D

Acq: 11 Jun 2025 17:24

Instrument :

BNA_M

ClientSampleId :

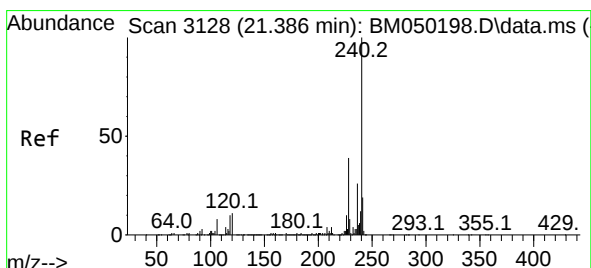
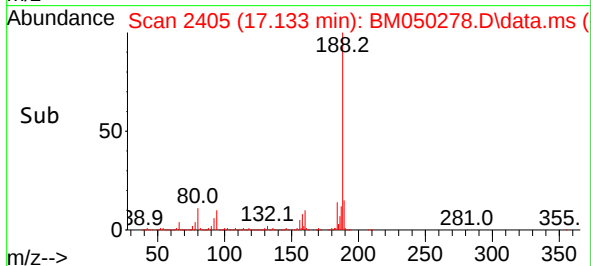
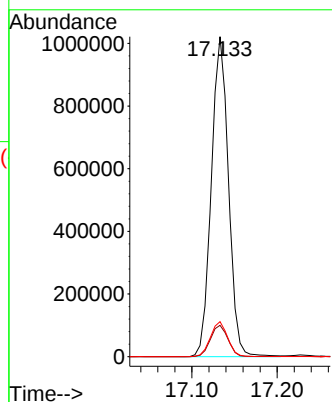
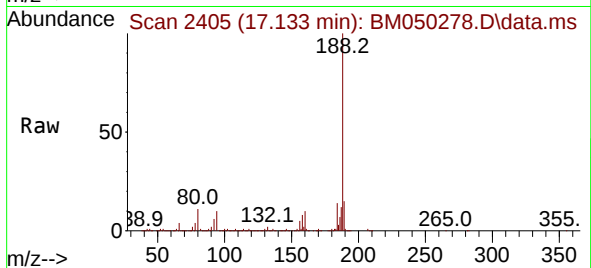
Tgt Ion:188 Resp: 1427852

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

80 11.0 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.362 min Scan# 3124

Delta R.T. -0.012 min

Lab File: BM050278.D

Acq: 11 Jun 2025 17:24

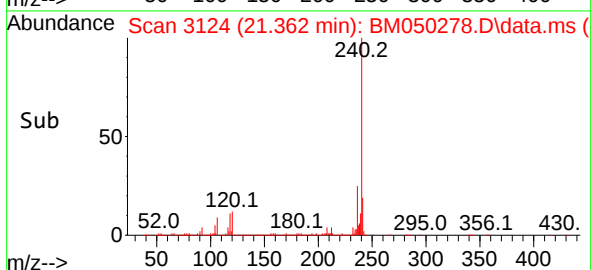
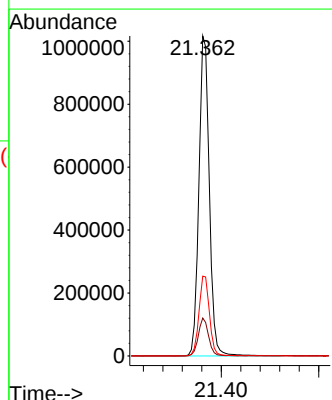
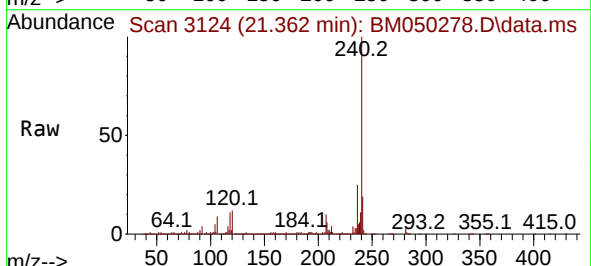
Tgt Ion:240 Resp: 1514576

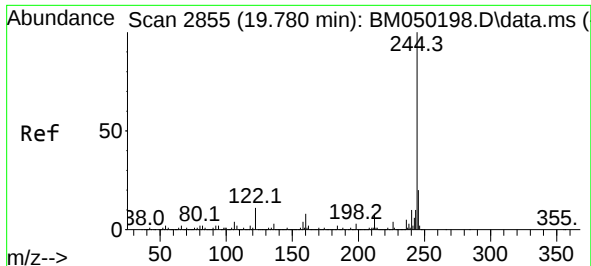
Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

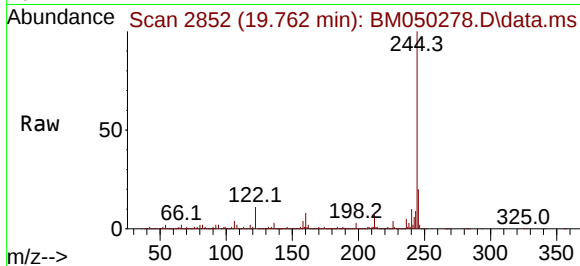
236 24.9 20.7 31.1



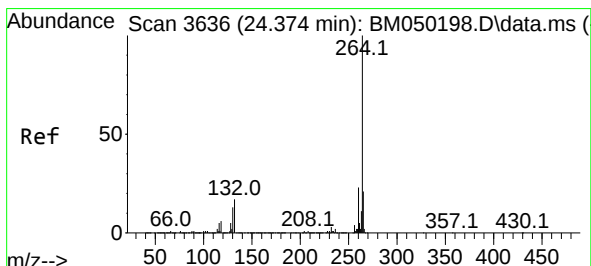
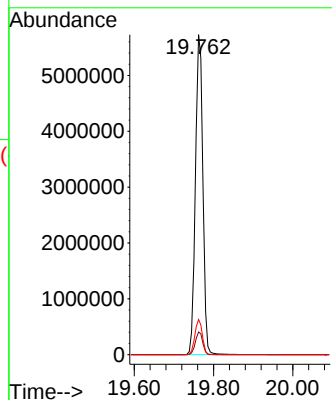
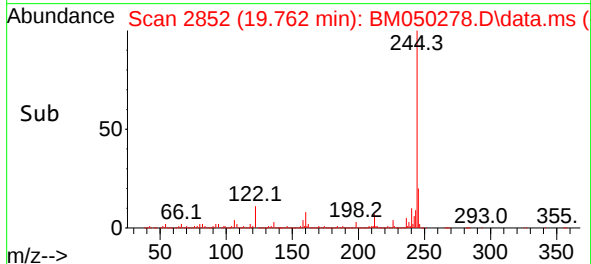


#79
 Terphenyl-d14
 Concen: 93.334 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050278.D
 Acq: 11 Jun 2025 17:24

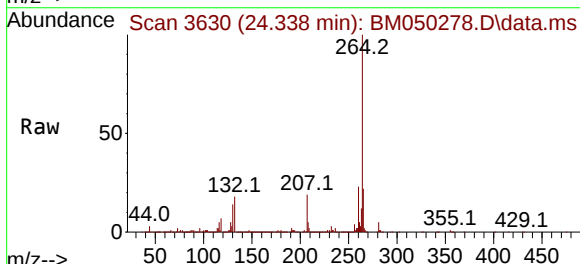
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 7459640
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.338 min Scan# 3630
 Delta R.T. -0.006 min
 Lab File: BM050278.D
 Acq: 11 Jun 2025 17:24



Tgt Ion:264 Resp: 1590017
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 22.1 16.8 25.2

