

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050288.D
 Acq On : 11 Jun 2025 23:58
 Operator : RC/JU
 Sample : Q2273-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 02:57:44 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	369899	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1381929	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	726742	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1348993	20.000	ng	0.00
76) Chrysene-d12	21.356	240	1408371	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1490720	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3159571	142.488	ng	0.00
7) Phenol-d6	6.934	99	3507210	120.149	ng	0.00
23) Nitrobenzene-d5	8.916	82	2615130	98.419	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1211649	146.579	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	5033111	93.762	ng	0.00
79) Terphenyl-d14	19.762	244	6807194	91.594	ng	0.00

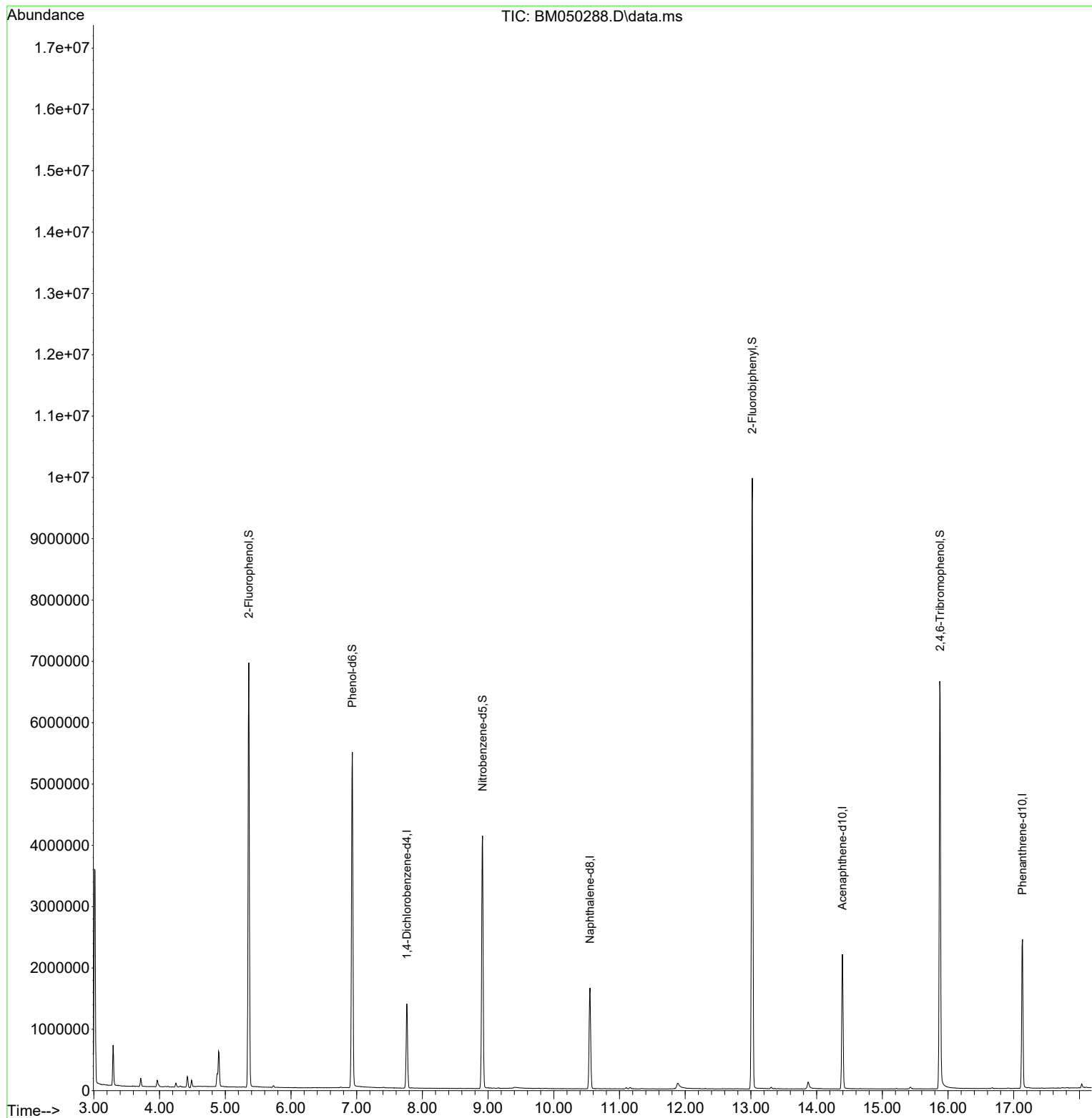
Target Compounds	Qvalue

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

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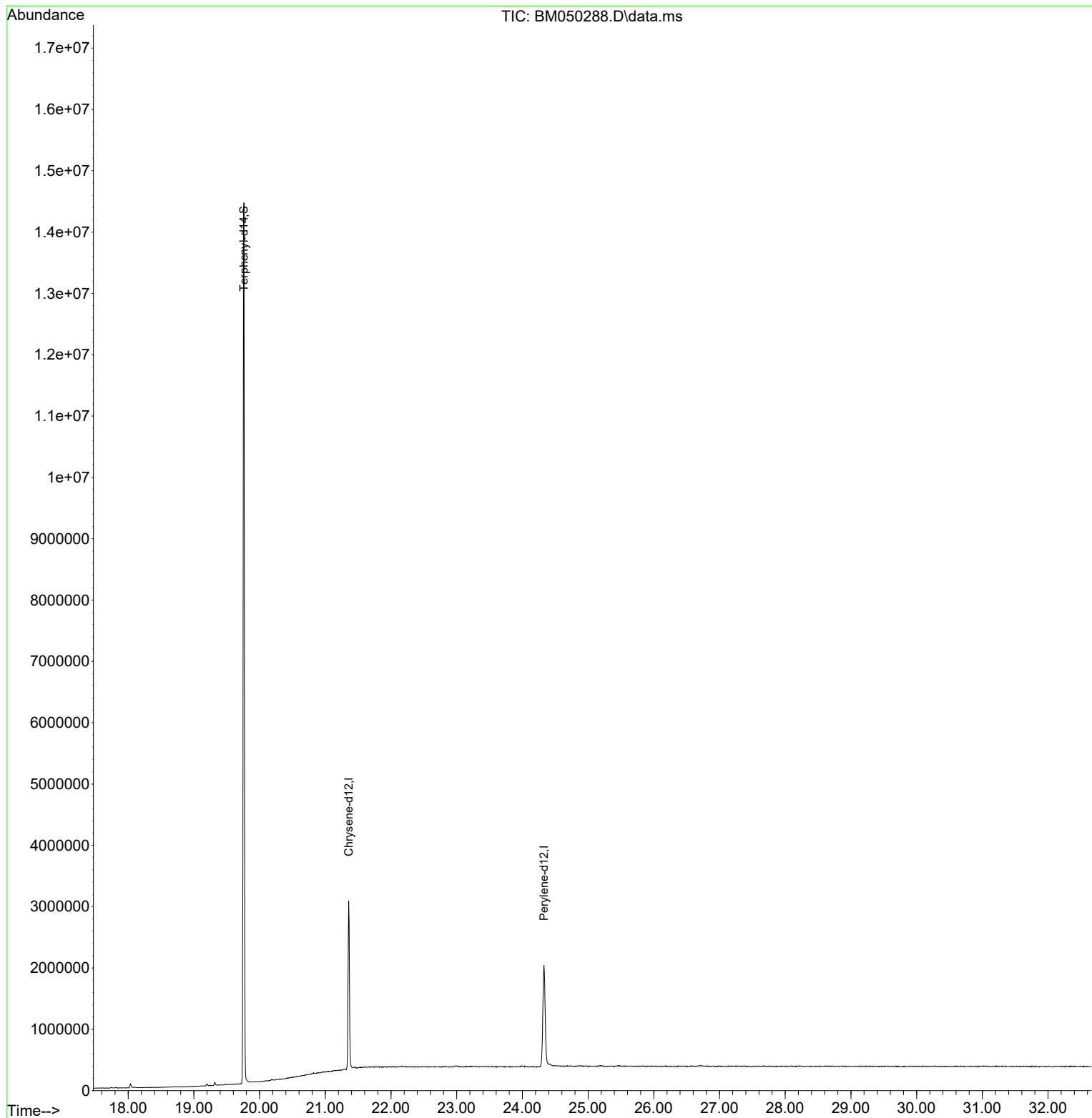
Quant Time: Jun 12 02:57:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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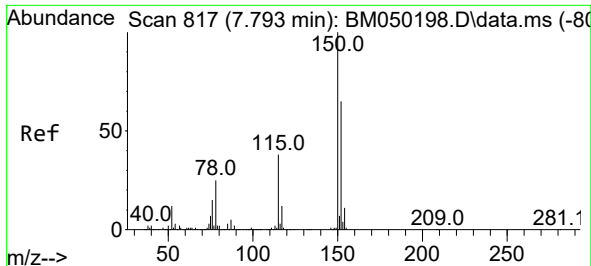


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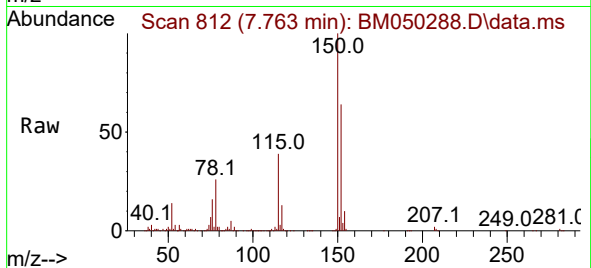
Quant Time: Jun 12 02:57:44 2025
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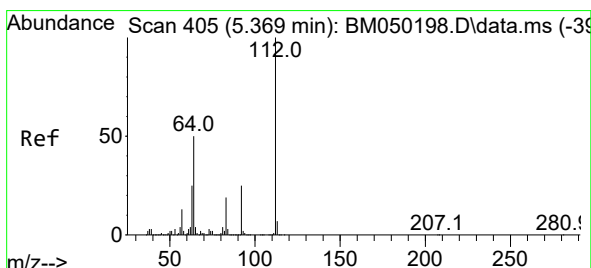
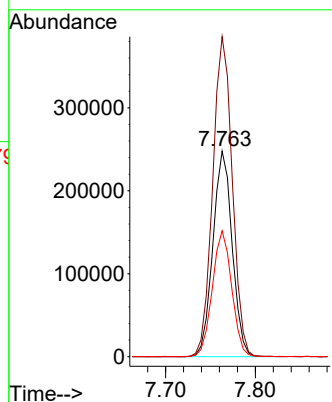
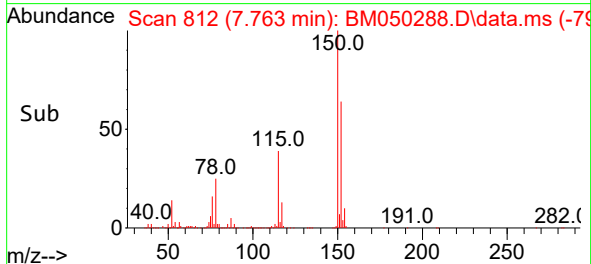


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050288.D
Acq: 11 Jun 2025 23:58

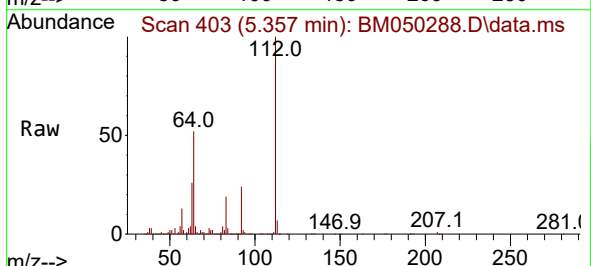
Instrument :
BNA_M
ClientSampleId :



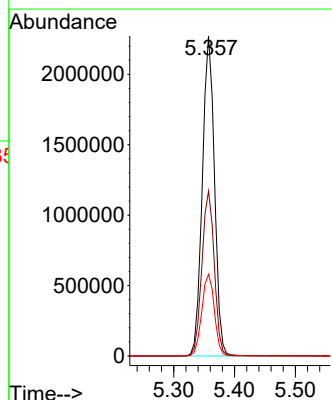
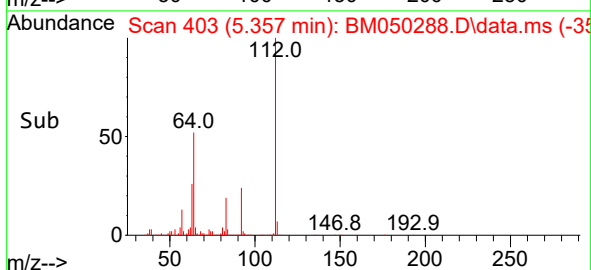
Tgt Ion:152 Resp: 369899
Ion Ratio Lower Upper
152 100
150 155.6 122.2 183.4
115 61.3 46.3 69.5

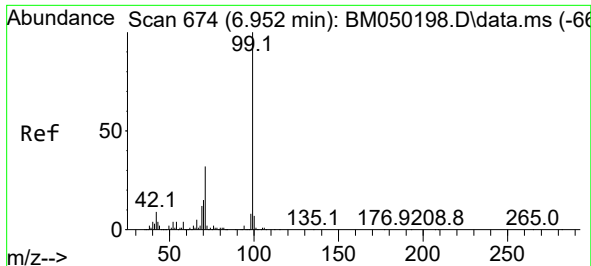


#5
2-Fluorophenol
Concen: 142.488 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050288.D
Acq: 11 Jun 2025 23:58



Tgt Ion:112 Resp: 3159571
Ion Ratio Lower Upper
112 100
64 51.5 39.8 59.6
63 25.6 19.8 29.8

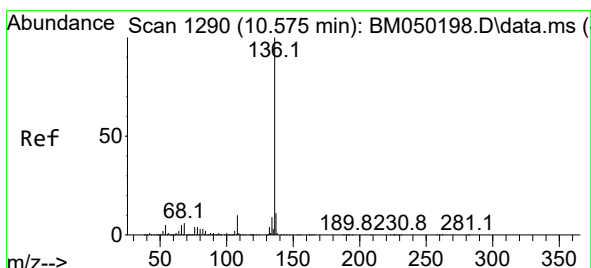
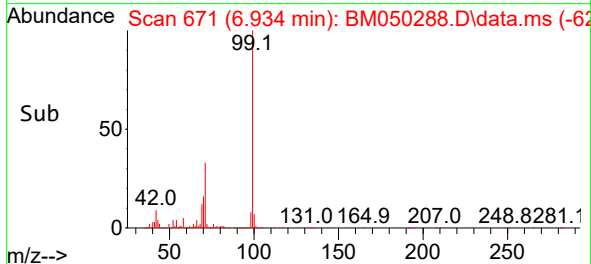
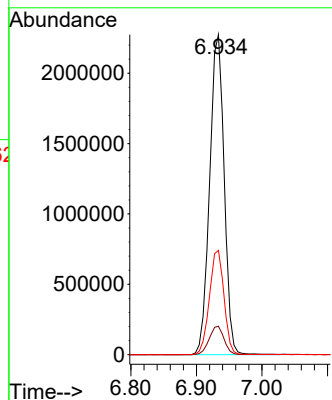
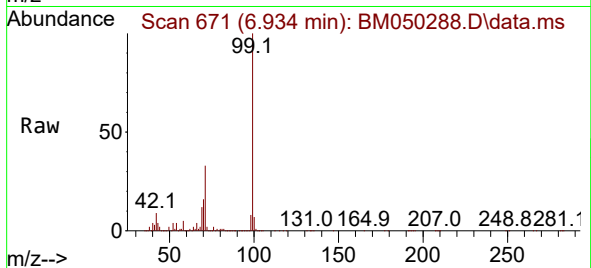




#7
Phenol-d6
Concen: 120.149 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050288.D
Acq: 11 Jun 2025 23:58

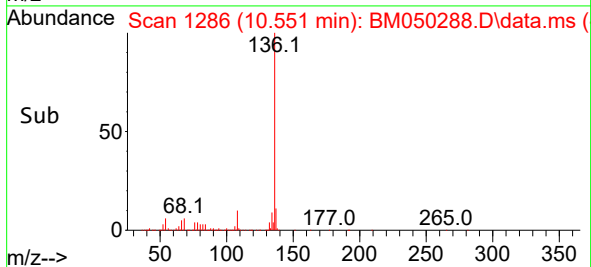
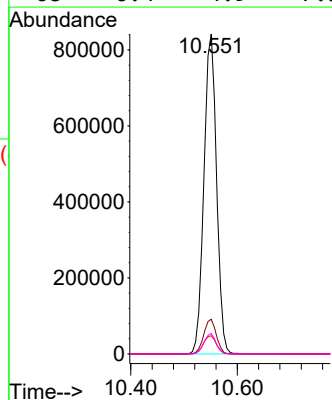
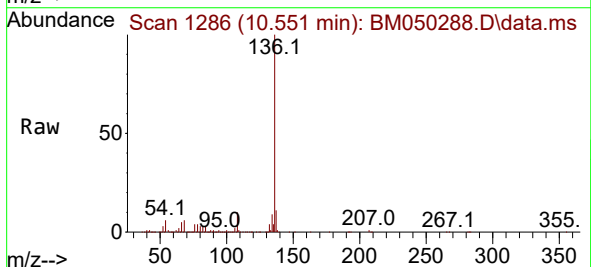
Instrument :
BNA_M
ClientSampleId :

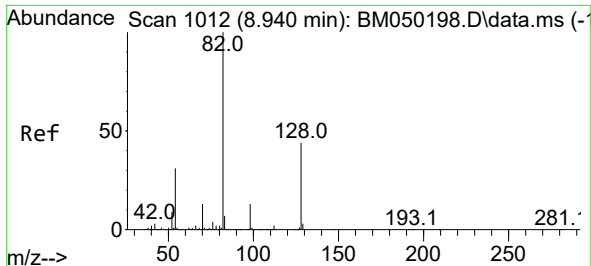
Tgt Ion: 99 Resp: 3507210
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 32.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050288.D
Acq: 11 Jun 2025 23:58

Tgt Ion: 136 Resp: 1381929
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.7 3.8 5.8
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 98.419 ng

RT: 8.916 min Scan# 1012

Delta R.T. -0.000 min

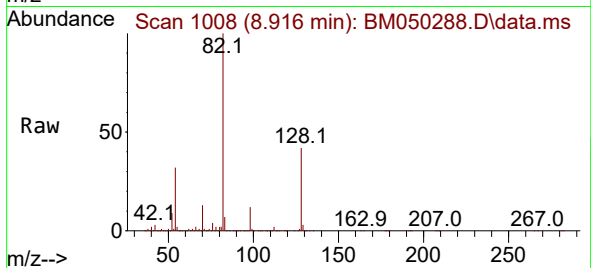
Lab File: BM050288.D

Acq: 11 Jun 2025 23:58

Instrument :

BNA_M

ClientSampleId :



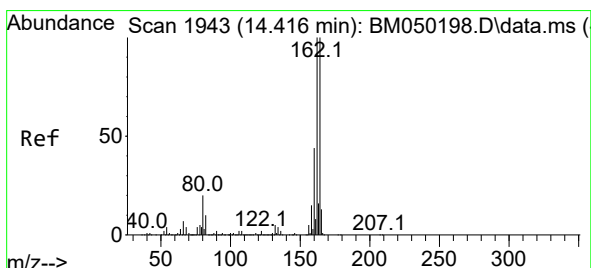
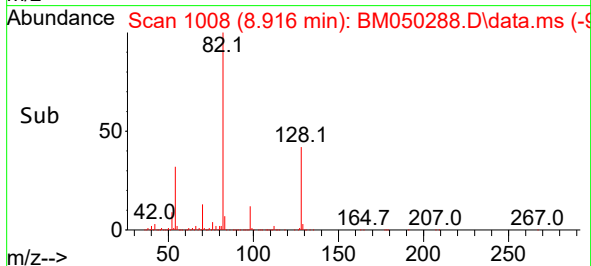
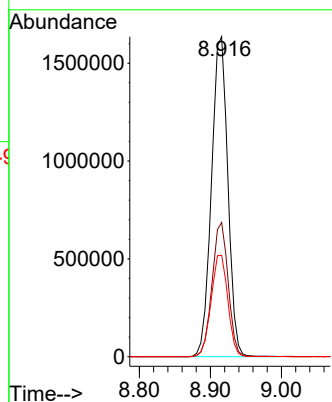
Tgt Ion: 82 Resp: 2615130

Ion Ratio Lower Upper

82 100

128 41.9 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: BM050288.D

Acq: 11 Jun 2025 23:58

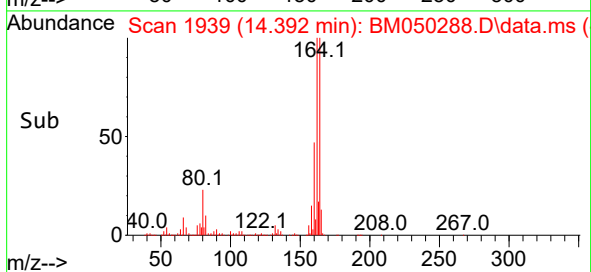
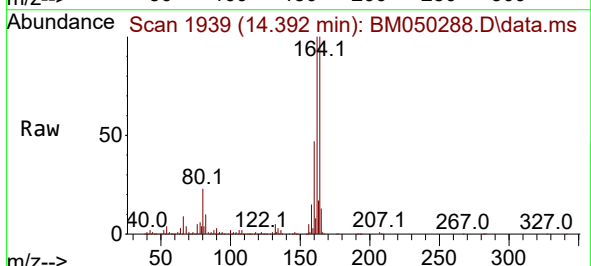
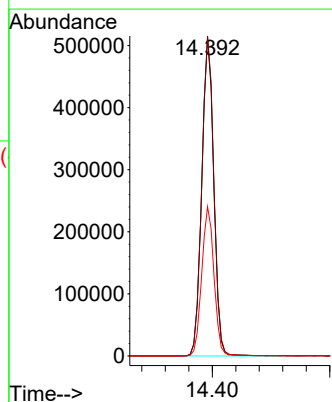
Tgt Ion: 164 Resp: 726742

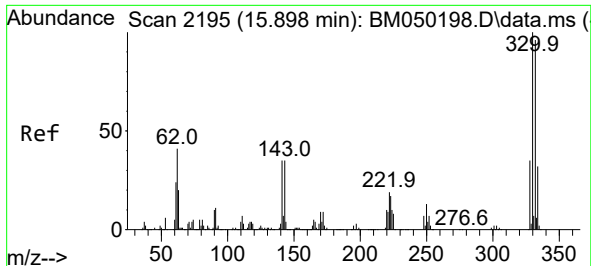
Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

160 46.8 35.7 53.5

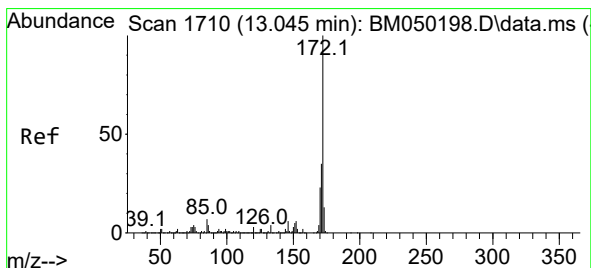
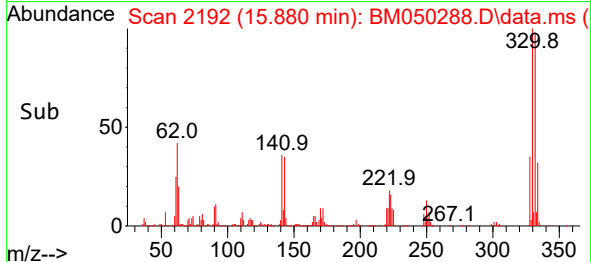
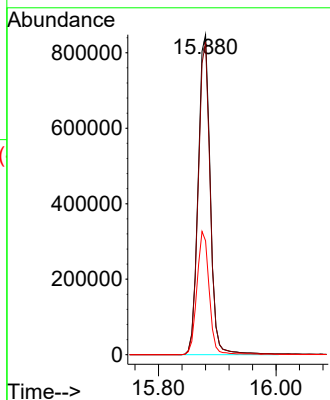
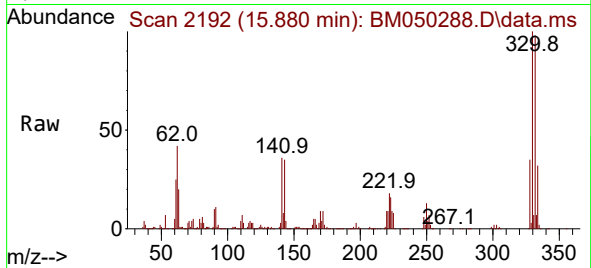




#42
2,4,6-Tribromophenol
Concen: 146.579 ng
RT: 15.880 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050288.D
Acq: 11 Jun 2025 23:58

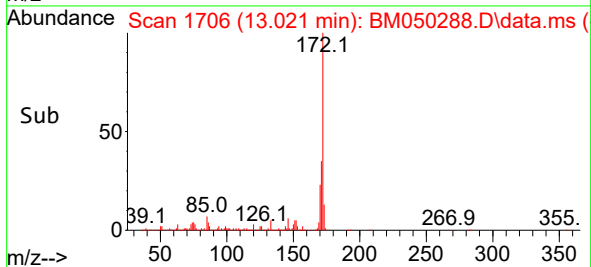
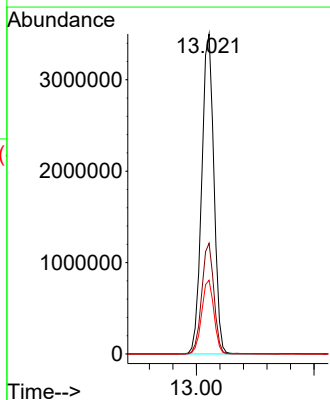
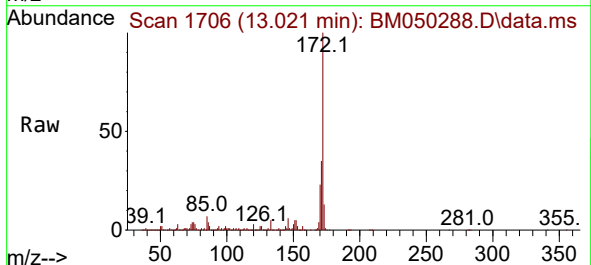
Instrument :
BNA_M
ClientSampleId :

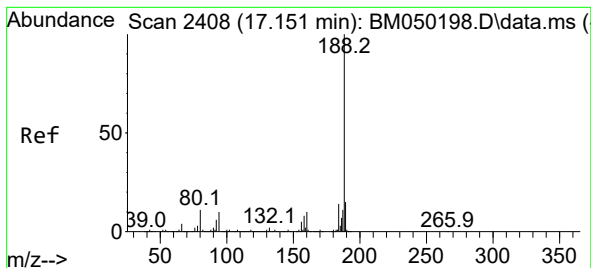
Tgt Ion:330 Resp: 1211649
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 39.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 93.762 ng
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050288.D
Acq: 11 Jun 2025 23:58

Tgt Ion:172 Resp: 5033111
Ion Ratio Lower Upper
172 100
171 34.6 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: BM050288.D

Acq: 11 Jun 2025 23:58

Instrument :

BNA_M

ClientSampleId :

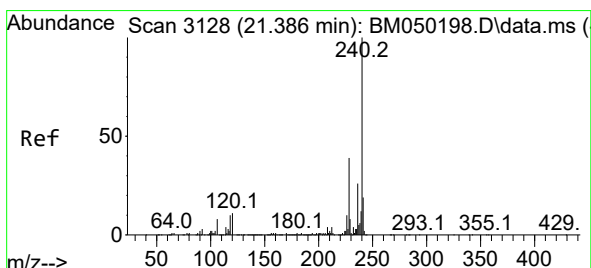
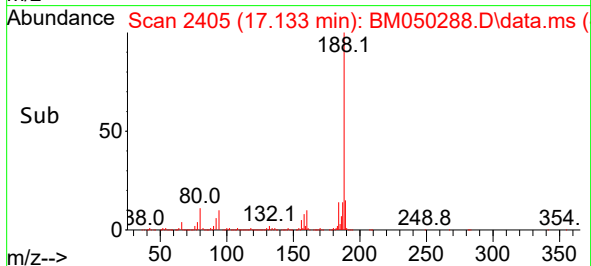
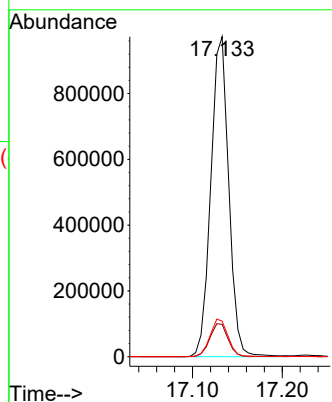
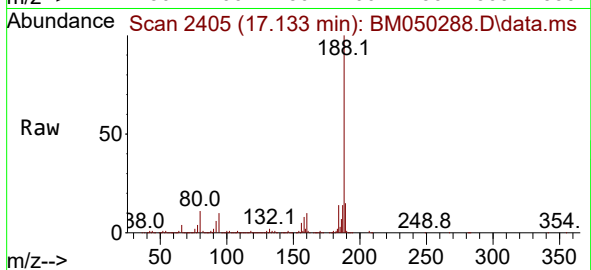
Tgt Ion:188 Resp: 1348993

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

80 11.1 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: BM050288.D

Acq: 11 Jun 2025 23:58

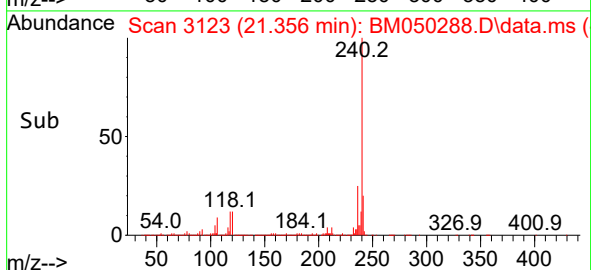
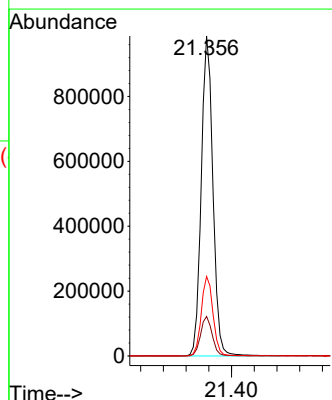
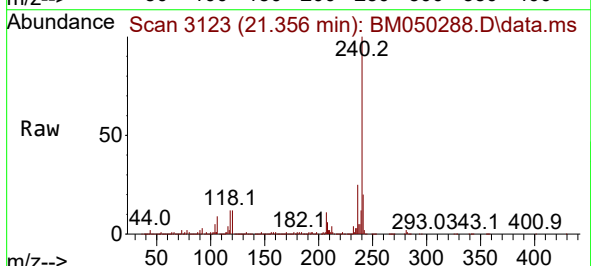
Tgt Ion:240 Resp: 1408371

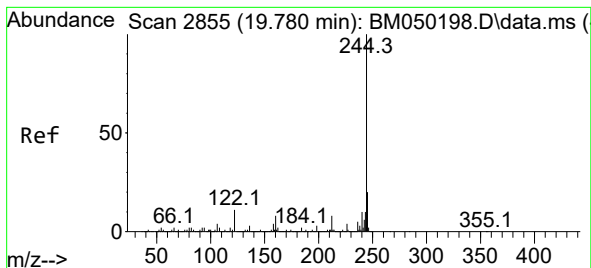
Ion Ratio Lower Upper

240 100

120 12.4 9.0 13.4

236 24.8 20.7 31.1





#79

Terphenyl-d14

Concen: 91.594 ng

RT: 19.762 min Scan# 21

Delta R.T. -0.006 min

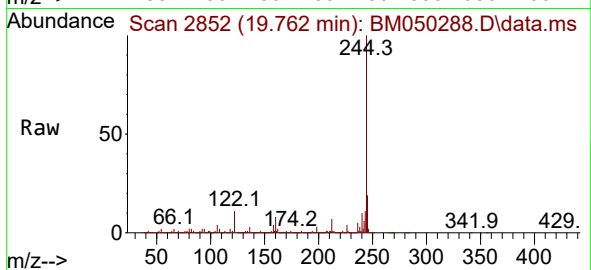
Lab File: BM050288.D

Acq: 11 Jun 2025 23:58

Instrument :

BNA_M

ClientSampleId :



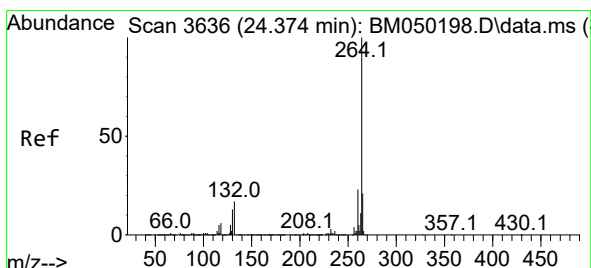
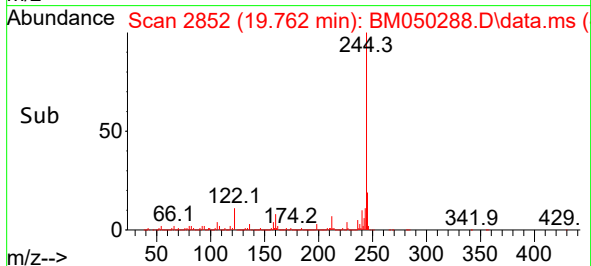
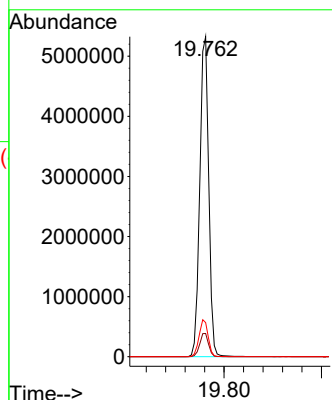
Tgt Ion:244 Resp: 6807194

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.7 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: BM050288.D

Acq: 11 Jun 2025 23:58

Tgt Ion:264 Resp: 1490720

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.8 16.8 25.2

