

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
 Data File : BM050389.D
 Acq On : 10 Jul 2025 14:33
 Operator : RC/JU
 Sample : PB168689TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168689TB

Quant Time: Jul 10 15:09:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	428549	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1515361	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	896439	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1634836	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1402149	20.000	ng	0.00
86) Perylene-d12	24.485	264	1470081	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3495276	140.392	ng	0.00
7) Phenol-d6	7.022	99	4263708	135.853	ng	0.00
23) Nitrobenzene-d5	9.016	82	2456670	82.709	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1470709	135.029	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	6111858	84.197	ng	0.00
79) Terphenyl-d14	19.839	244	8274820	103.835	ng	0.00

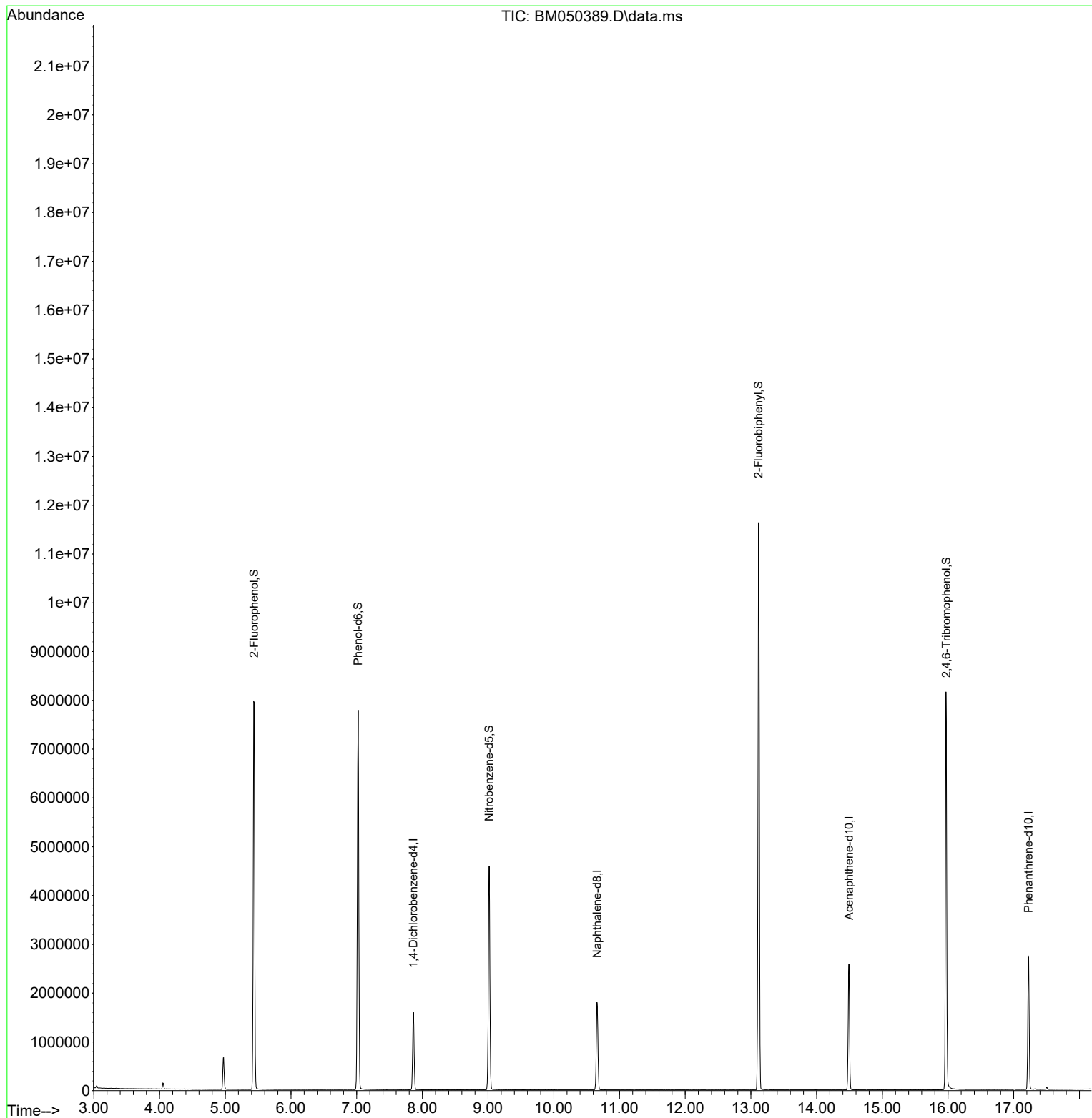
Target Compounds	Qvalue

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

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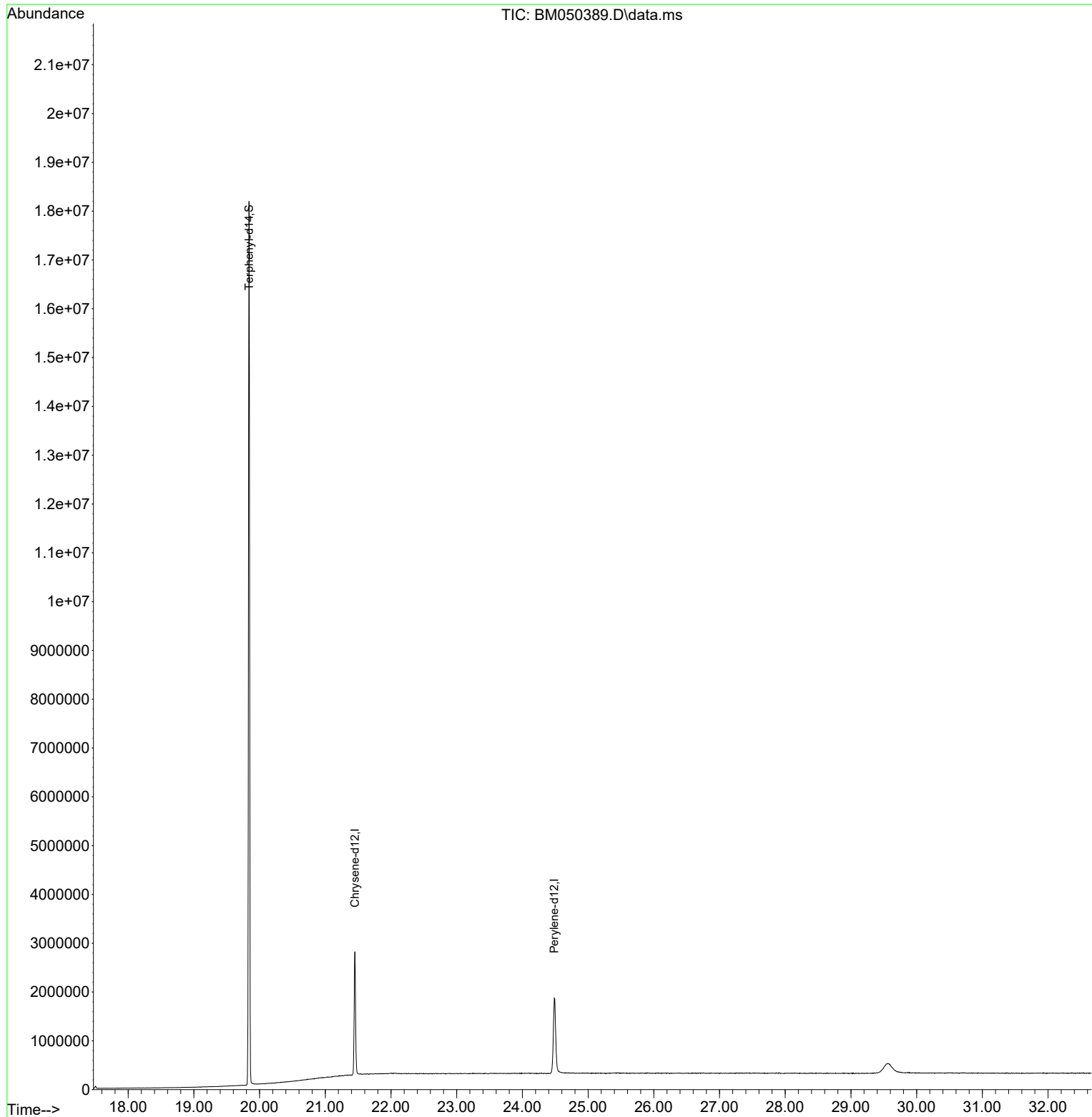
Quant Time: Jul 10 15:09:37 2025
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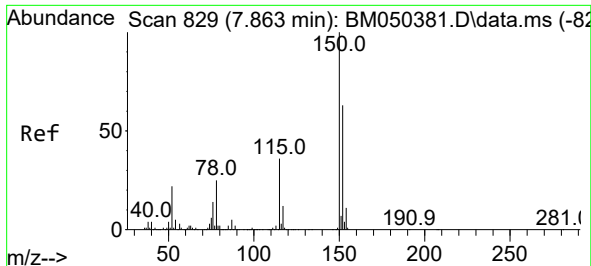


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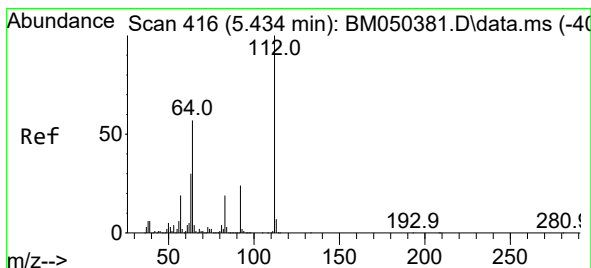
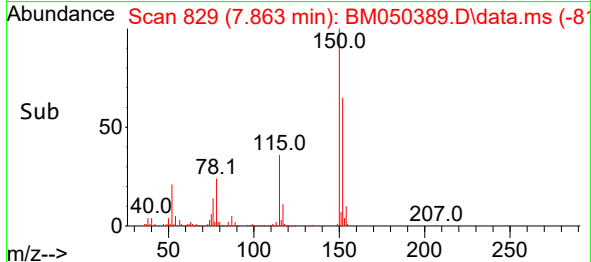
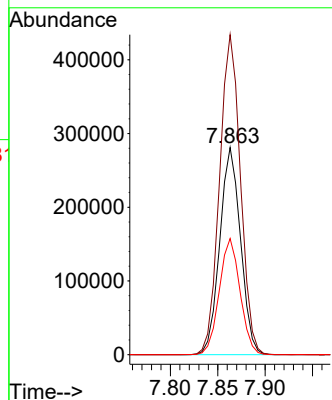
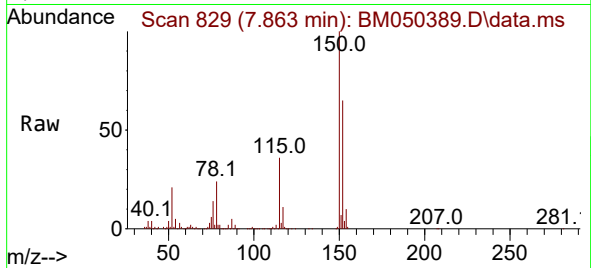




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050389.D
Acq: 10 Jul 2025 14:33

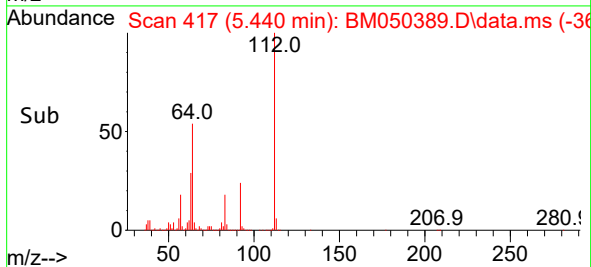
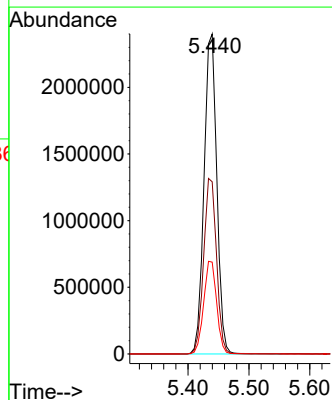
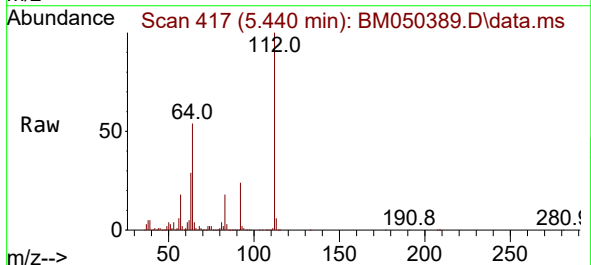
Instrument :
BNA_M
ClientSampleId :
PB168689TB

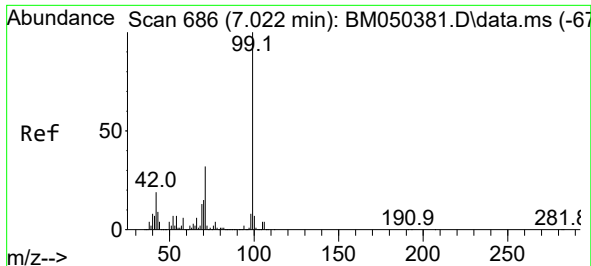
Tgt Ion:152 Resp: 428549
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.4
115 56.1 45.8 68.8



#5
2-Fluorophenol
Concen: 140.392 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050389.D
Acq: 10 Jul 2025 14:33

Tgt Ion:112 Resp: 3495276
Ion Ratio Lower Upper
112 100
64 53.8 45.5 68.3
63 28.7 24.2 36.4



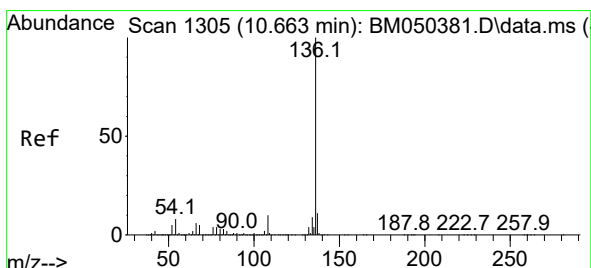
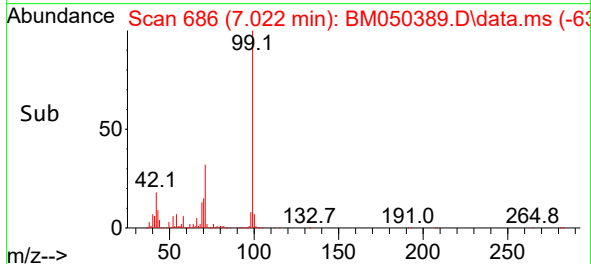
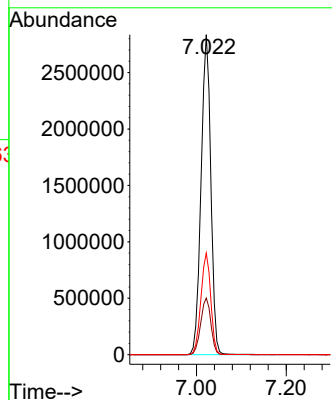
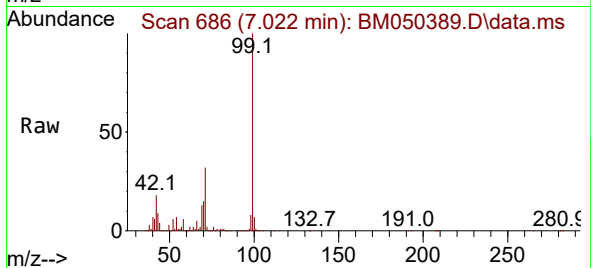


#7
Phenol-d6
Concen: 135.853 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050389.D
Acq: 10 Jul 2025 14:33

Instrument :
BNA_M
ClientSampleId :
PB168689TB

Tgt Ion: 99 Resp: 4263708

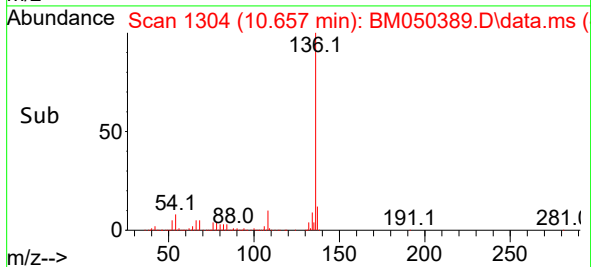
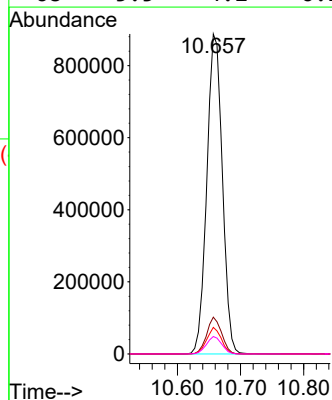
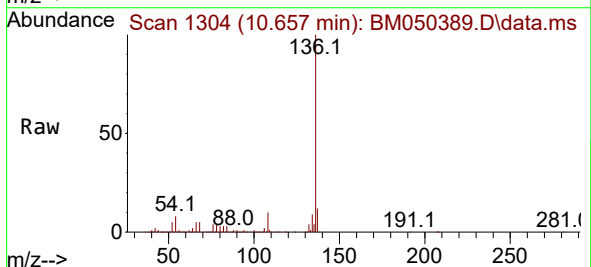
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.6
71	31.8	25.9	38.9

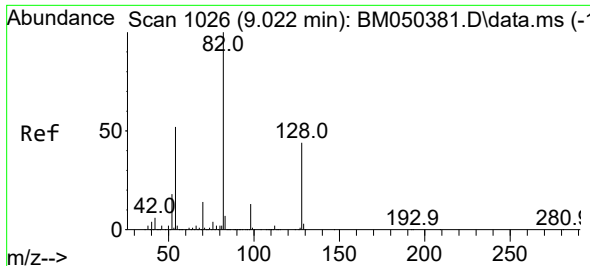


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050389.D
Acq: 10 Jul 2025 14:33

Tgt Ion: 136 Resp: 1515361

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.3	6.3	9.5
68	5.5	4.2	6.2

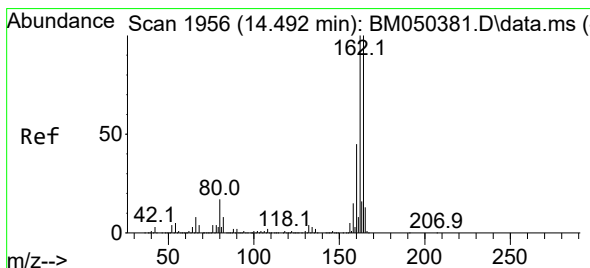
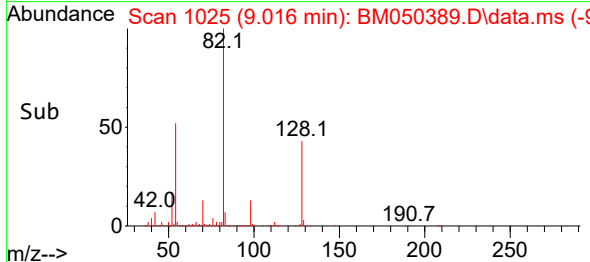
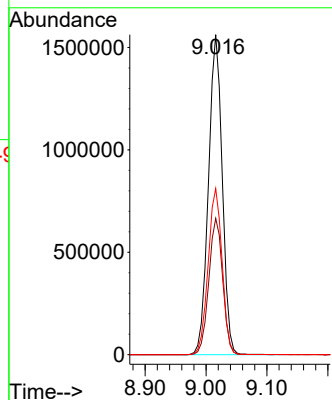
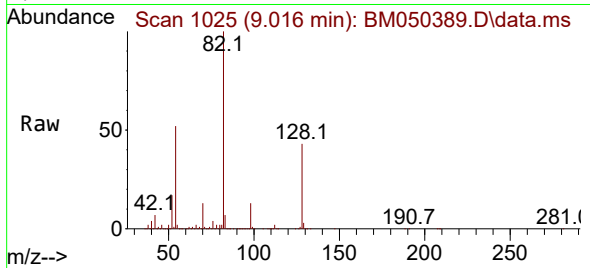




#23
Nitrobenzene-d5
Concen: 82.709 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050389.D
Acq: 10 Jul 2025 14:33

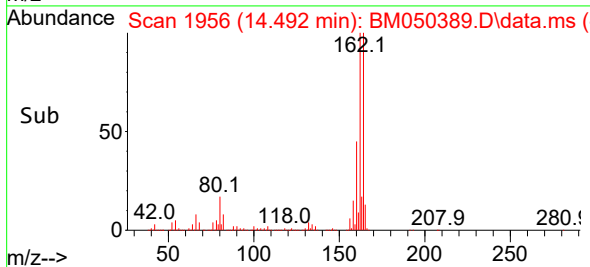
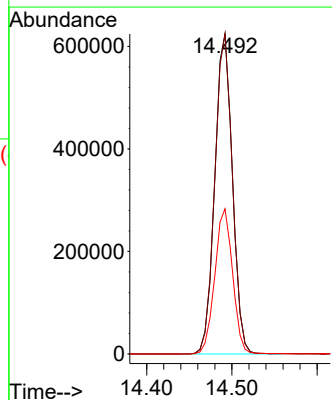
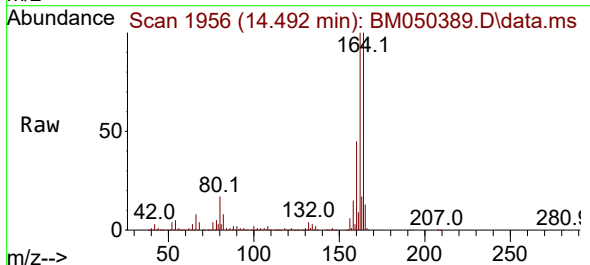
Instrument :
BNA_M
ClientSampleId :
PB168689TB

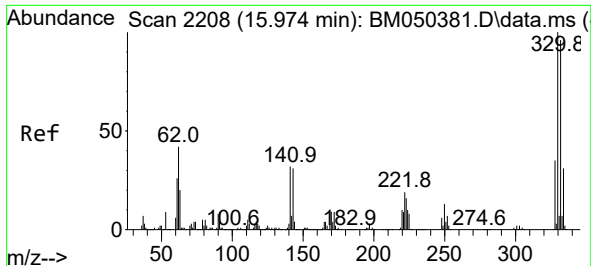
Tgt Ion: 82 Resp: 2456670
Ion Ratio Lower Upper
82 100
128 42.6 35.2 52.8
54 51.9 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050389.D
Acq: 10 Jul 2025 14:33

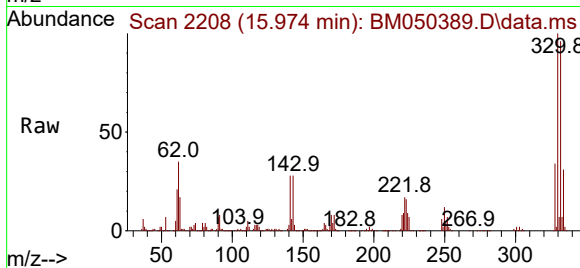
Tgt Ion: 164 Resp: 896439
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 45.4 36.2 54.4



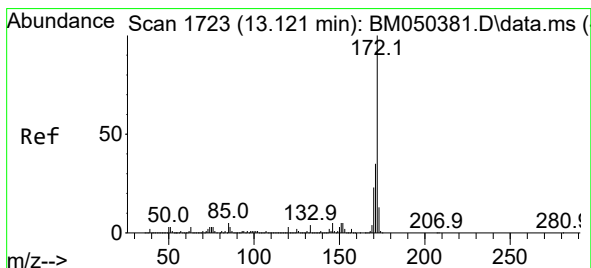
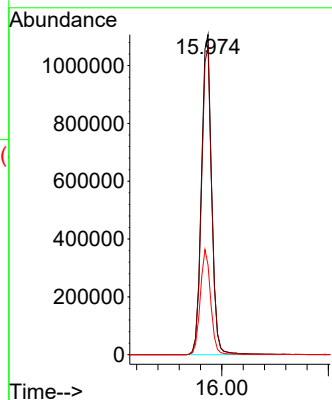
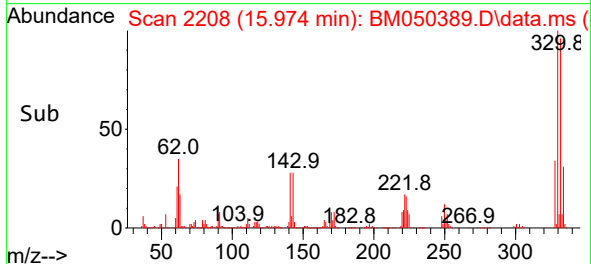


#42
2,4,6-Tribromophenol
Concen: 135.029 ng
RT: 15.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050389.D
Acq: 10 Jul 2025 14:33

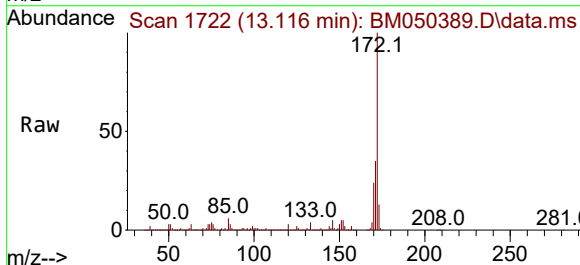
Instrument :
BNA_M
ClientSampleId :
PB168689TB



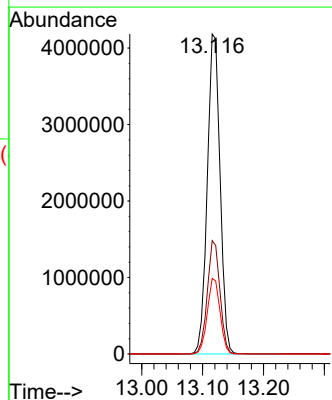
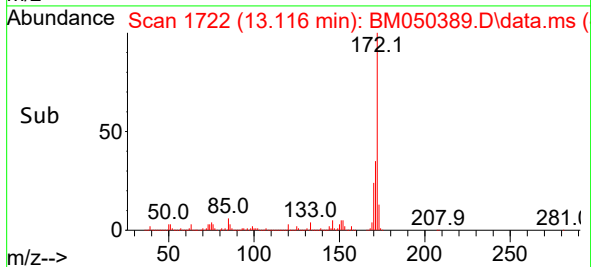
Tgt Ion:330 Resp: 1470709
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 33.4 27.4 41.0

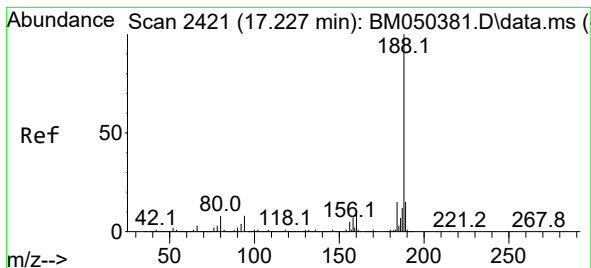


#45
2-Fluorobiphenyl
Concen: 84.197 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050389.D
Acq: 10 Jul 2025 14:33



Tgt Ion:172 Resp: 6111858
Ion Ratio Lower Upper
172 100
171 35.4 27.7 41.5
170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050389.D

Acq: 10 Jul 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB168689TB

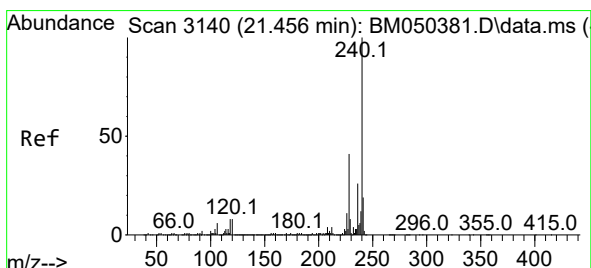
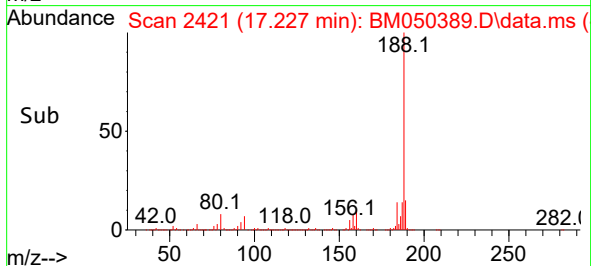
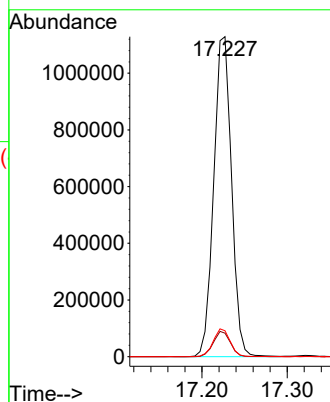
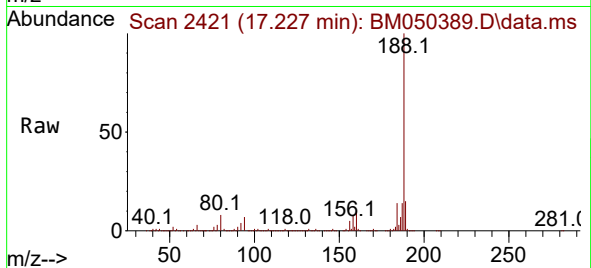
Tgt Ion:188 Resp: 1634836

Ion Ratio Lower Upper

188 100

94 7.3 6.0 9.0

80 8.1 6.5 9.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM050389.D

Acq: 10 Jul 2025 14:33

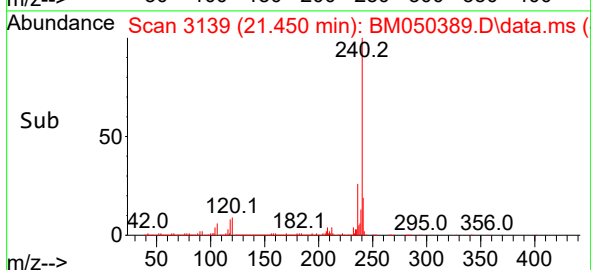
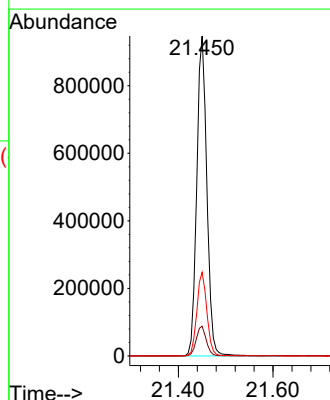
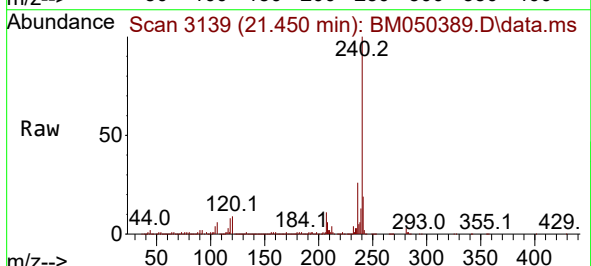
Tgt Ion:240 Resp: 1402149

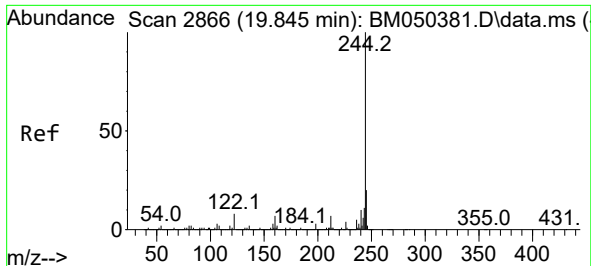
Ion Ratio Lower Upper

240 100

120 9.3 6.7 10.1

236 26.2 20.7 31.1

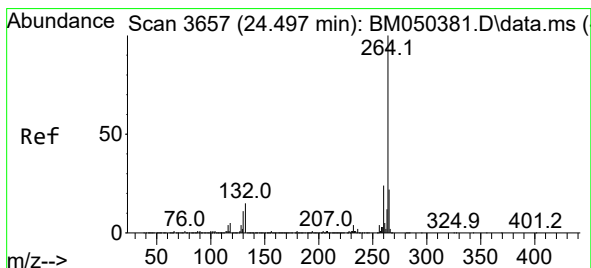
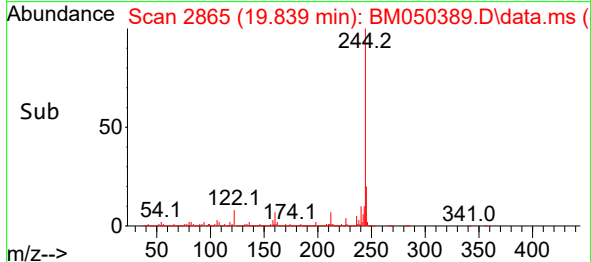
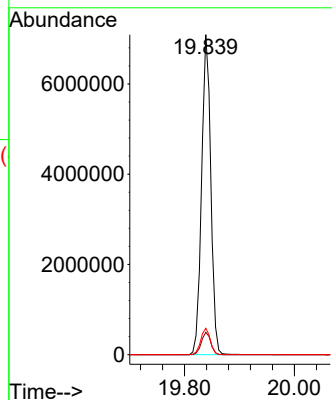
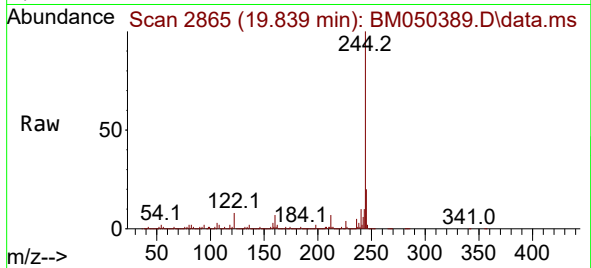




#79
 Terphenyl-d14
 Concen: 103.835 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050389.D
 Acq: 10 Jul 2025 14:33

Instrument :
 BNA_M
 ClientSampleId :
 PB168689TB

Tgt Ion:244 Resp: 8274820
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.3 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.485 min Scan# 3655
 Delta R.T. -0.012 min
 Lab File: BM050389.D
 Acq: 10 Jul 2025 14:33

Tgt Ion:264 Resp: 1470081
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 17.8 26.6

