

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050145.D
 Acq On : 08 May 2025 14:02
 Operator : RC/JU
 Sample : Q1964-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-LL

Quant Time: May 08 14:49:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	242934	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	858676	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	554809	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1107477	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1123540	20.000	ng	0.00
86) Perylene-d12	24.380	264	1195906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1752783	126.341	ng	0.00
7) Phenol-d6	6.934	99	2147228	123.141	ng	0.00
23) Nitrobenzene-d5	8.899	82	1293025	74.202	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1047521	127.691	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3047486	64.980	ng	0.00
79) Terphenyl-d14	19.762	244	4906807	64.624	ng	0.00

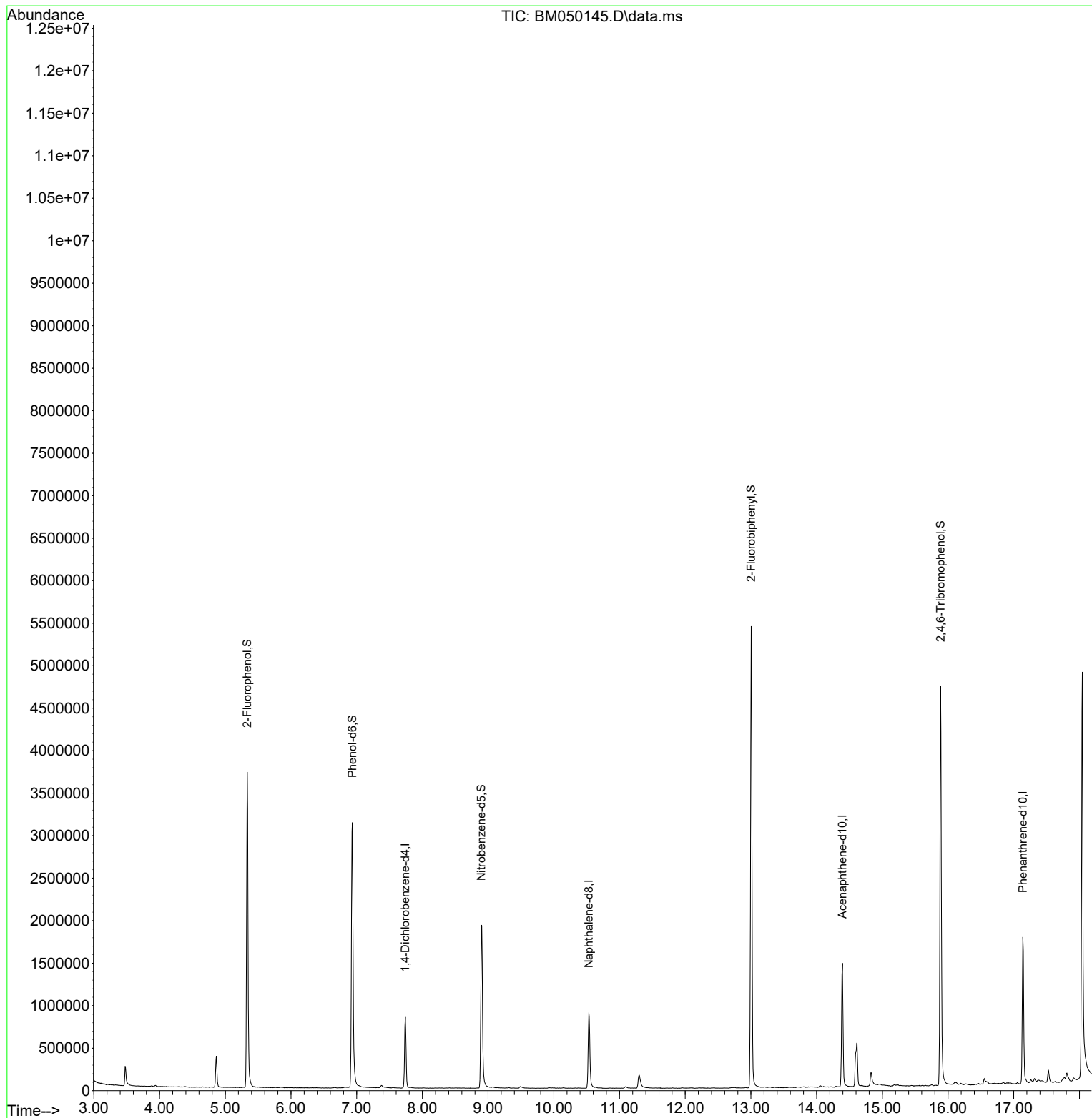
Target Compounds	Qvalue

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

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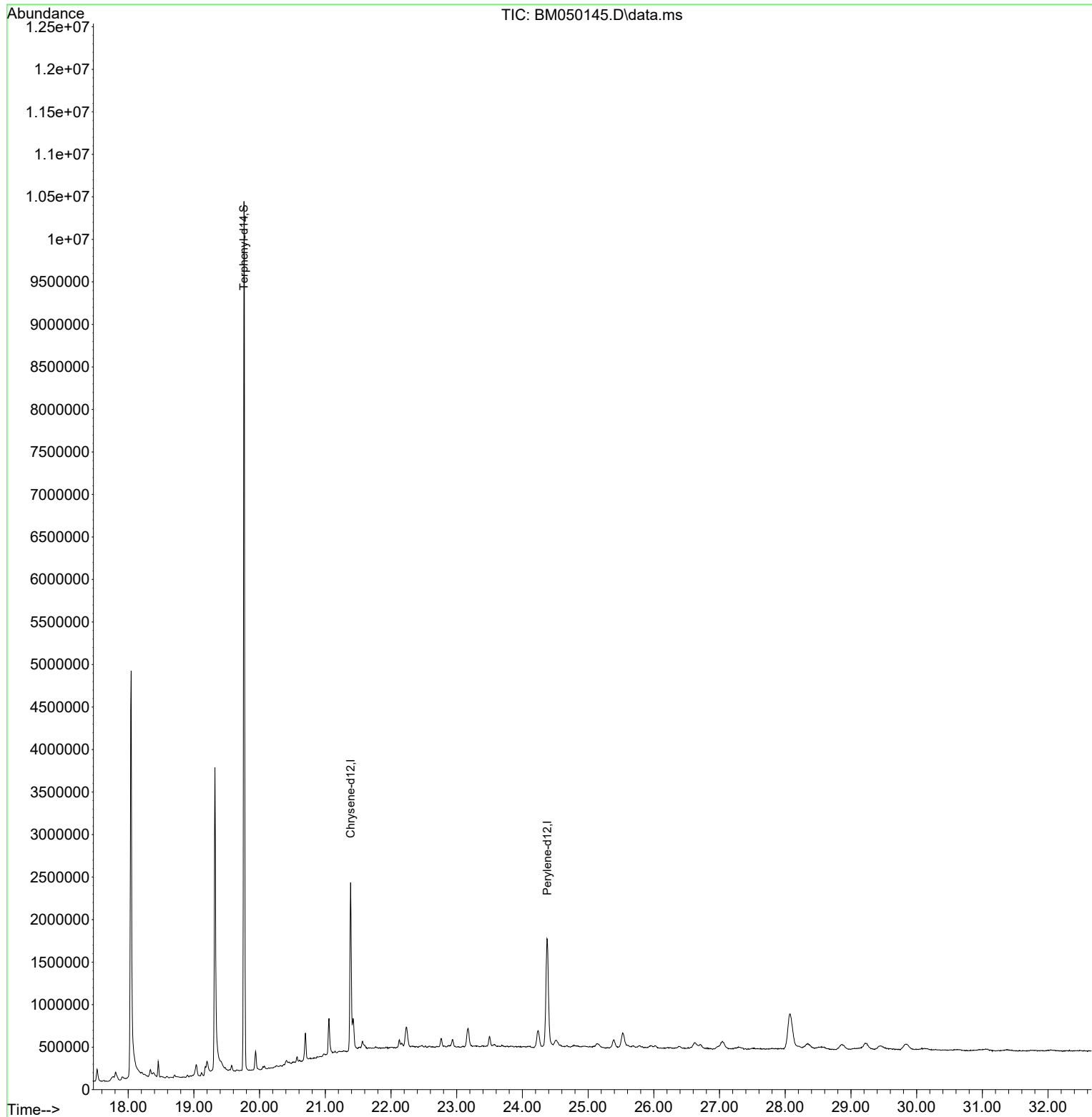
Quant Time: May 08 14:49:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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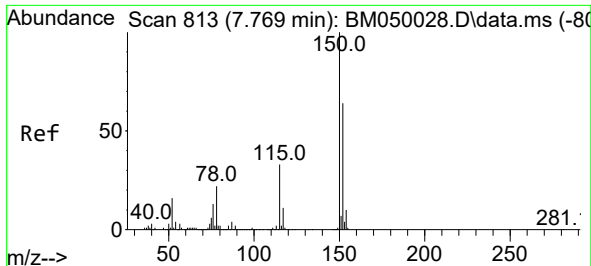


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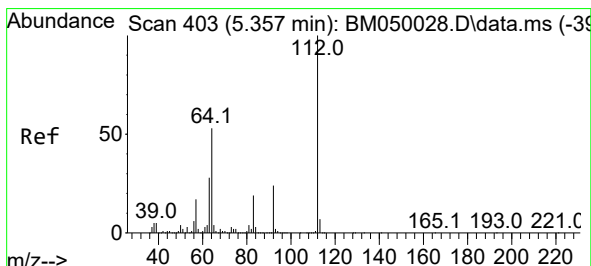
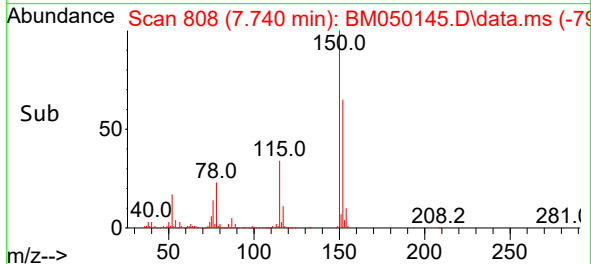
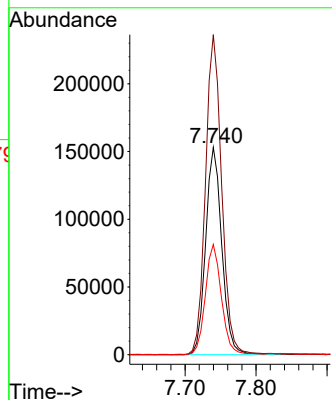
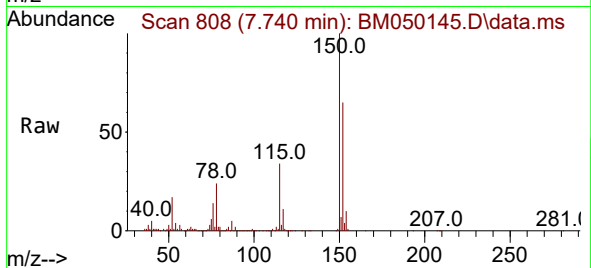




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

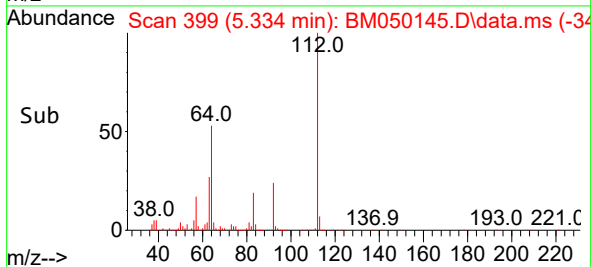
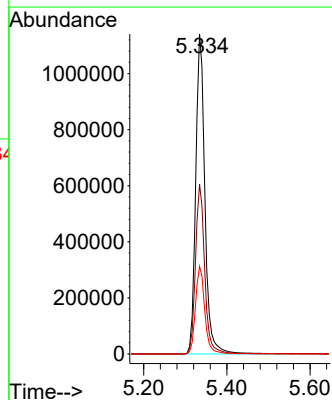
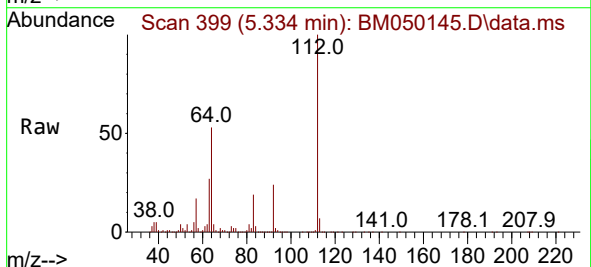
Instrument :
BNA_M
ClientSampleId :
MH-LL

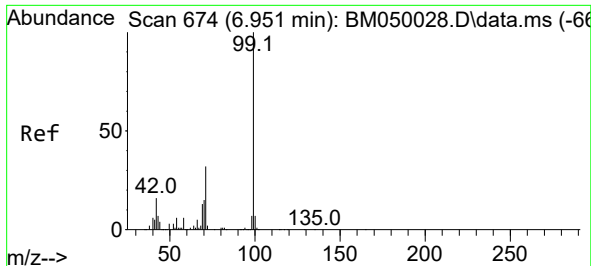
Tgt Ion:152 Resp: 242934
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 53.2 41.2 61.8



#5
2-Fluorophenol
Concen: 126.341 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

Tgt Ion:112 Resp: 1752783
Ion Ratio Lower Upper
112 100
64 53.1 42.6 64.0
63 27.4 22.2 33.4



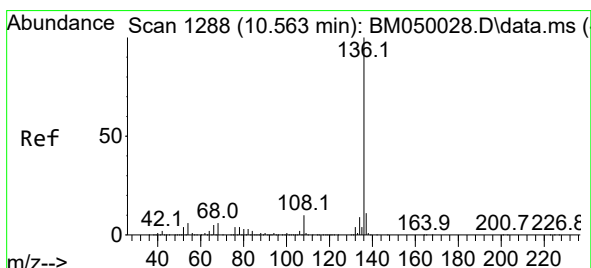
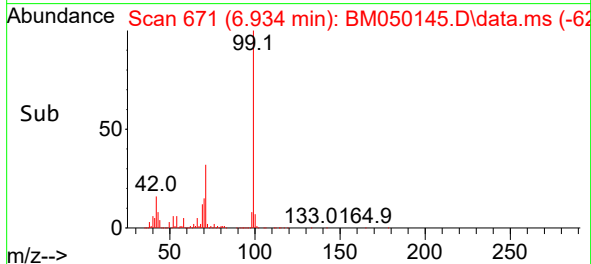
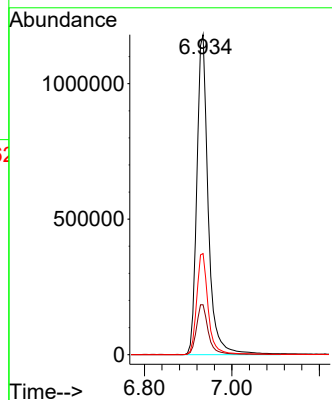
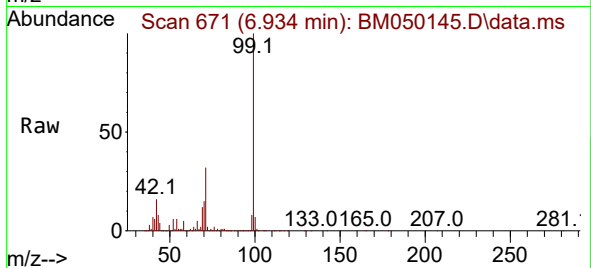


#7
Phenol-d6
Concen: 123.141 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

Instrument :
BNA_M
ClientSampleId :
MH-LL

Tgt Ion: 99 Resp: 2147228

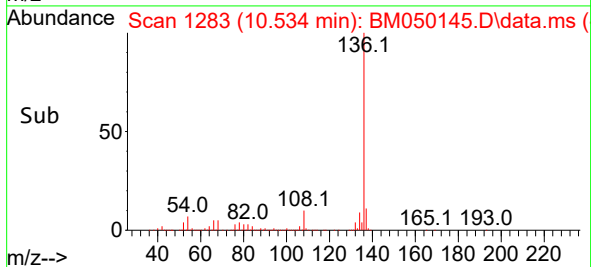
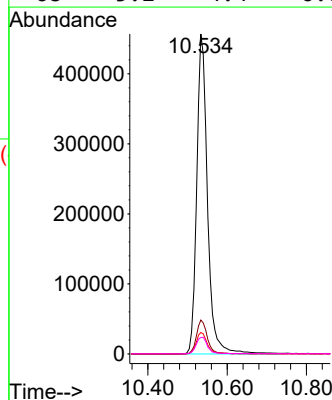
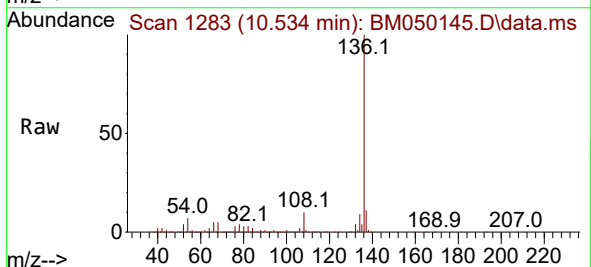
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.6	25.6	38.4

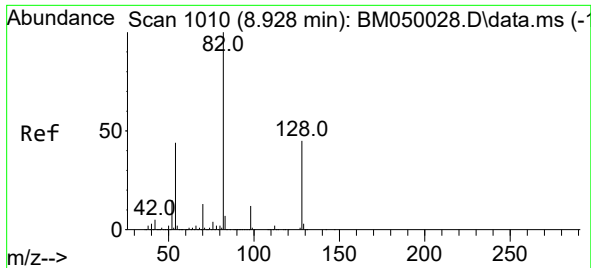


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

Tgt Ion: 136 Resp: 858676

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.7	5.1	7.7
68	5.2	4.4	6.6

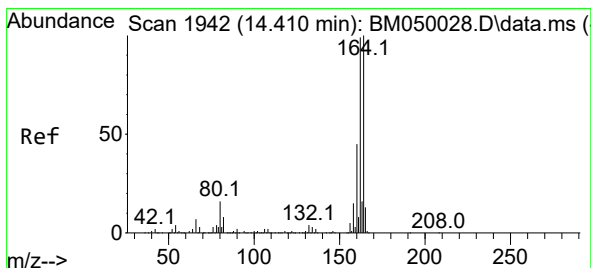
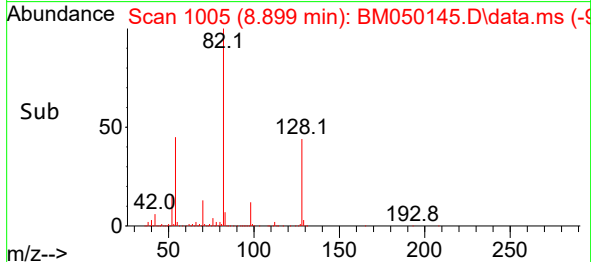
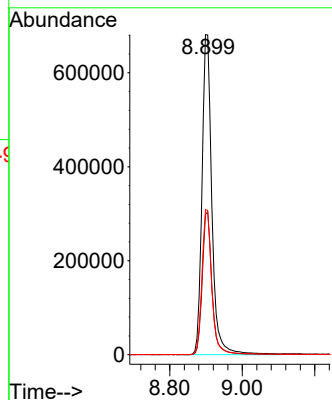
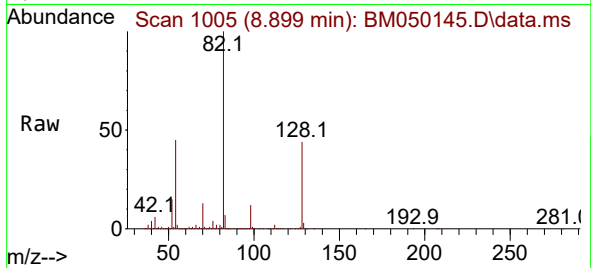




#23
Nitrobenzene-d5
Concen: 74.202 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

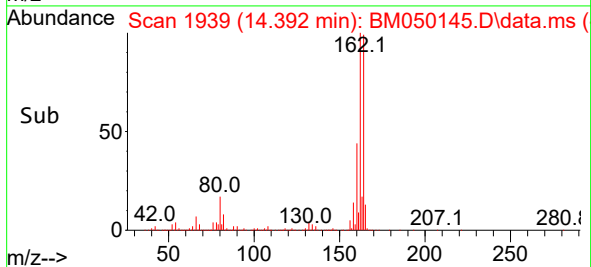
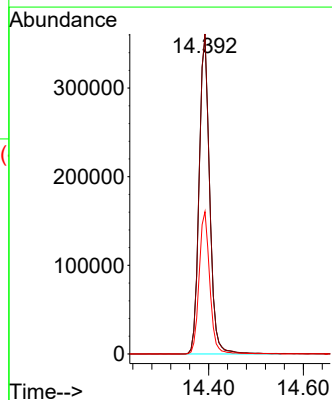
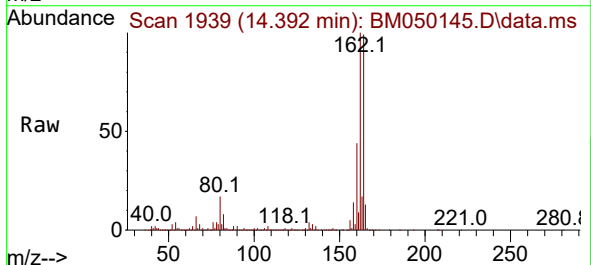
Instrument :
BNA_M
ClientSampleId :
MH-LL

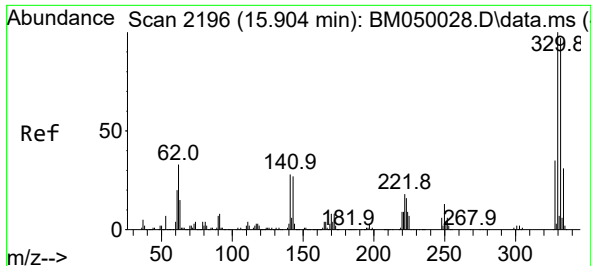
Tgt Ion: 82 Resp: 1293025
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 45.4 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

Tgt Ion:164 Resp: 554809
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 127.691 ng

RT: 15.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050145.D

Acq: 08 May 2025 14:02

Instrument :

BNA_M

ClientSampleId :

MH-LL

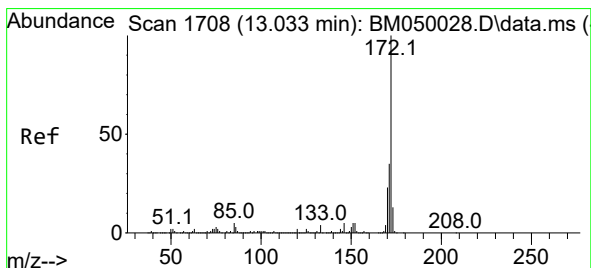
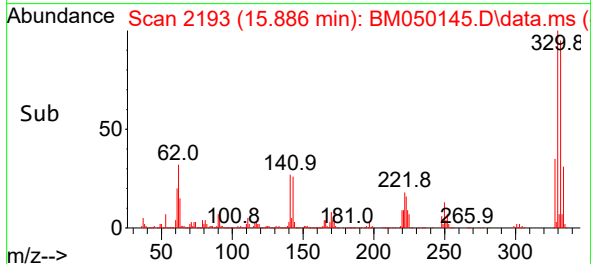
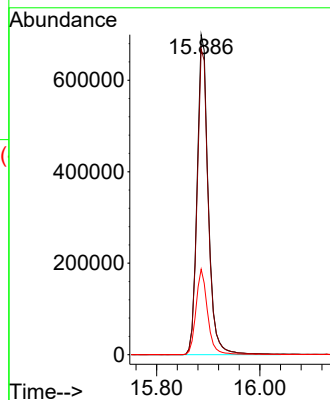
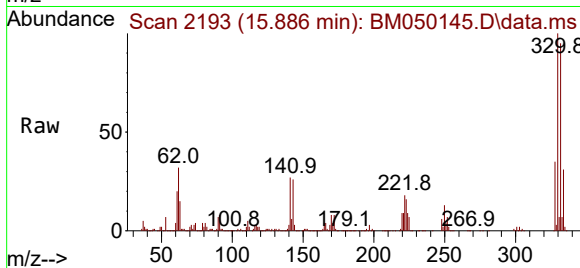
Tgt Ion:330 Resp: 1047521

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 28.0 22.5 33.7



#45

2-Fluorobiphenyl

Concen: 64.980 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM050145.D

Acq: 08 May 2025 14:02

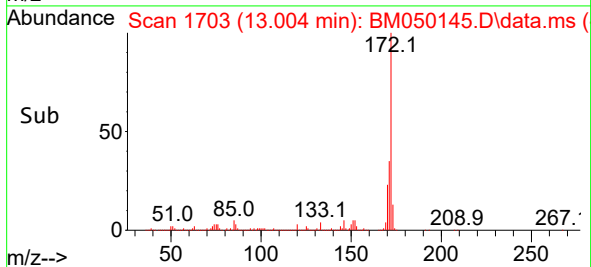
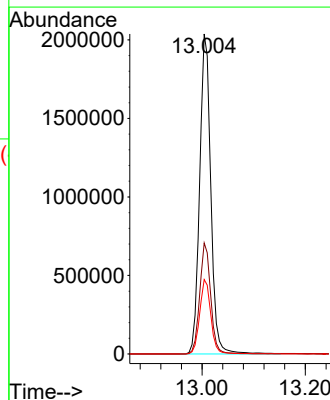
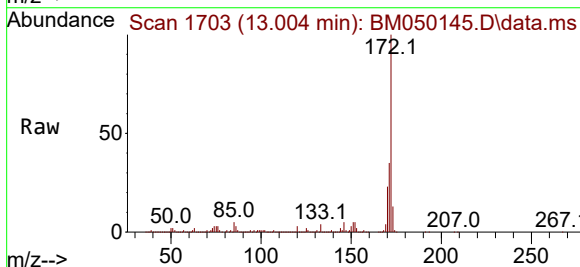
Tgt Ion:172 Resp: 3047486

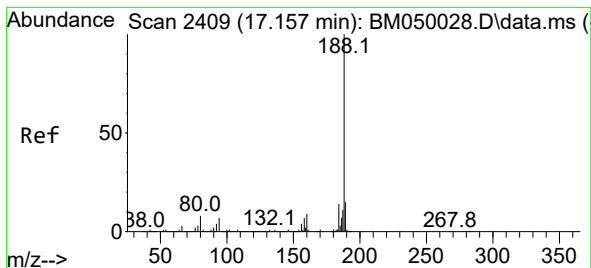
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM050145.D

Acq: 08 May 2025 14:02

Instrument :

BNA_M

ClientSampleId :

MH-LL

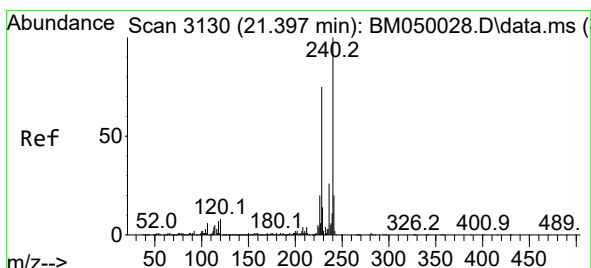
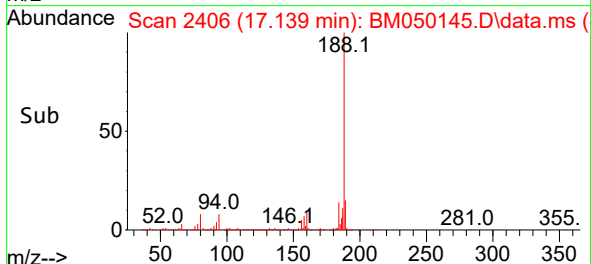
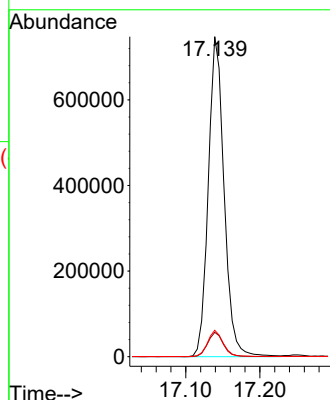
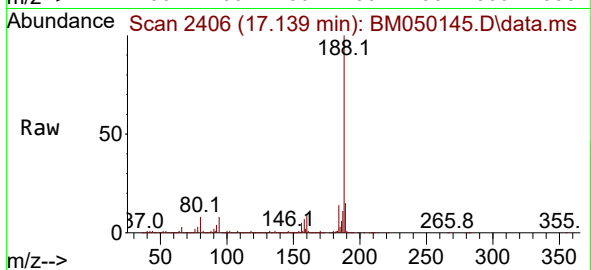
Tgt Ion:188 Resp: 1107477

Ion Ratio Lower Upper

188 100

94 7.6 5.7 8.5

80 8.2 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM050145.D

Acq: 08 May 2025 14:02

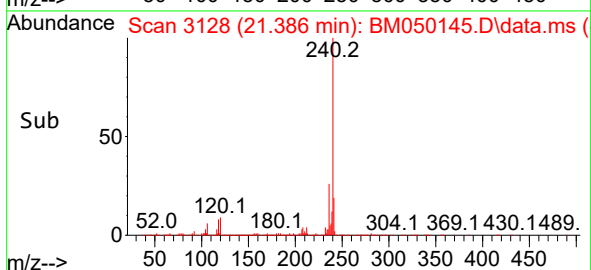
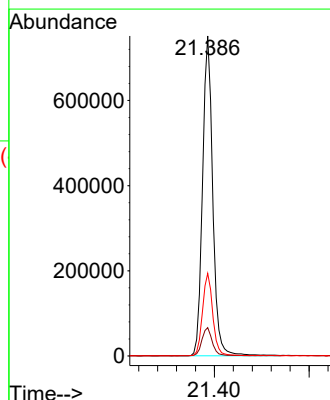
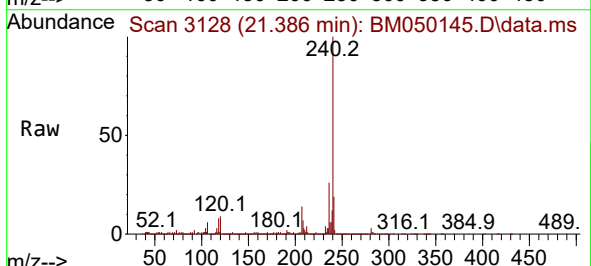
Tgt Ion:240 Resp: 1123540

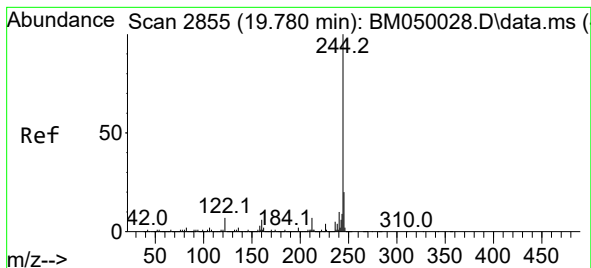
Ion Ratio Lower Upper

240 100

120 8.8 6.5 9.7

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 64.624 ng

RT: 19.762 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM050145.D

Acq: 08 May 2025 14:02

Instrument :

BNA_M

ClientSampleId :

MH-LL

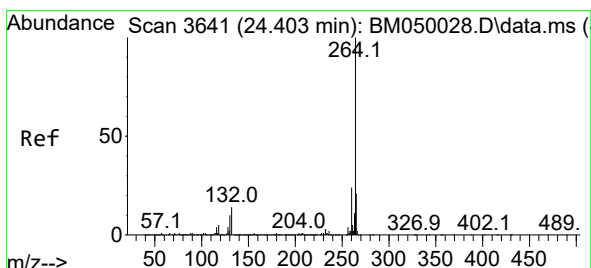
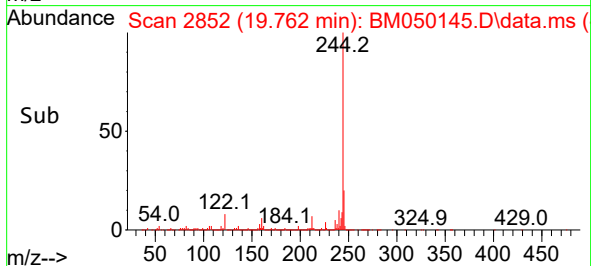
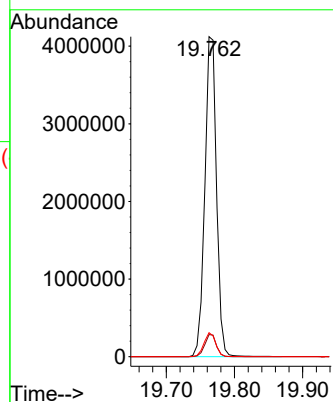
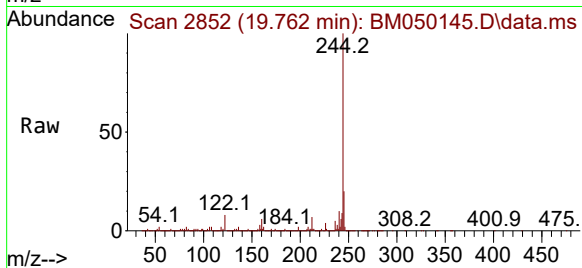
Tgt Ion:244 Resp: 4906807

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 7.5 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.380 min Scan# 3637

Delta R.T. 0.000 min

Lab File: BM050145.D

Acq: 08 May 2025 14:02

Tgt Ion:264 Resp: 1195906

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.9 17.0 25.4

