

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)

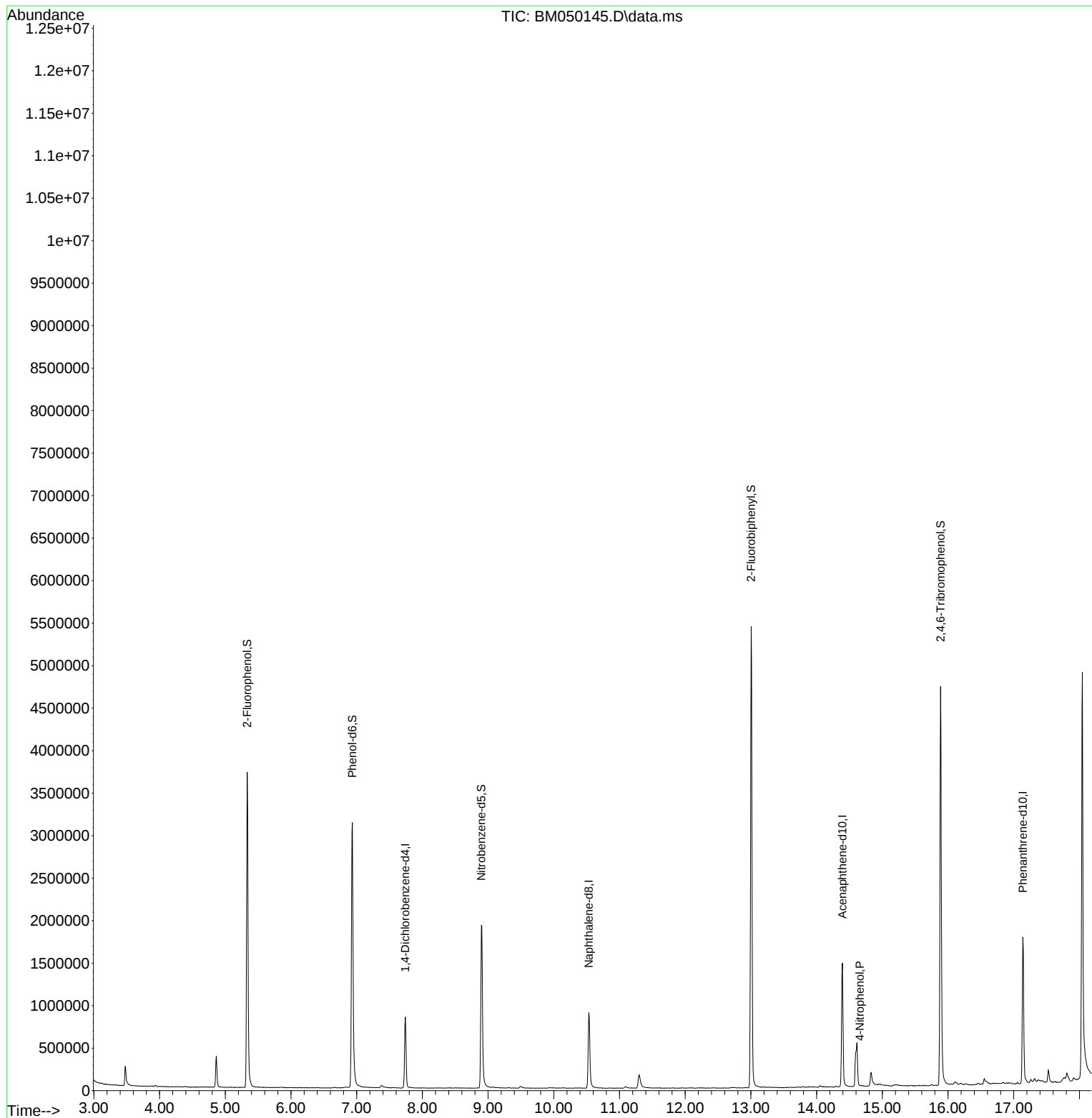
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	242934	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	858676	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	554809	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1107477	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1123540	20.000	ng	0.00
86) Perylene-d12	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						
56) 4-Nitrophenol	14.657	139	62	4.543	ng	Qvalue # 1

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

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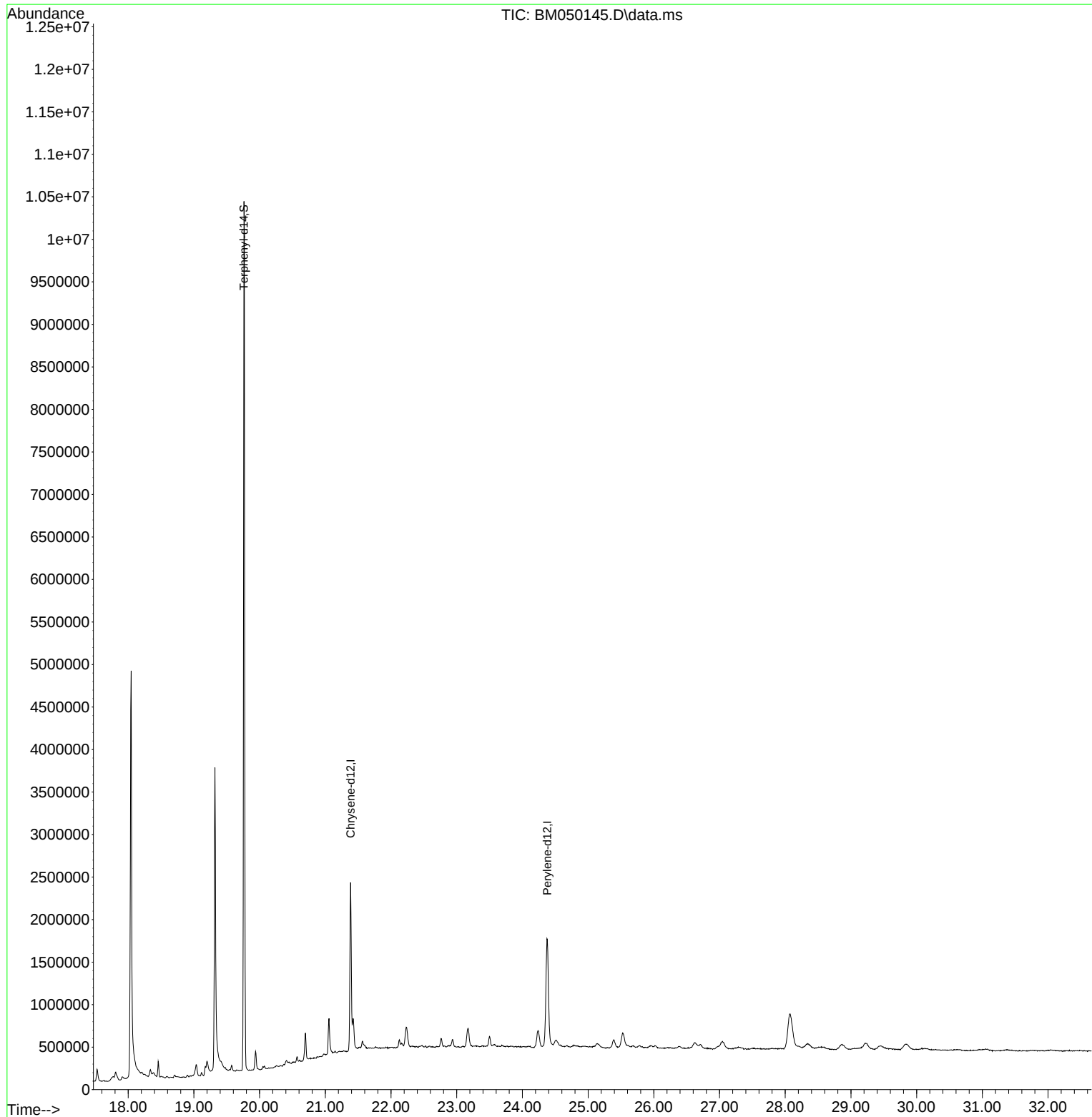
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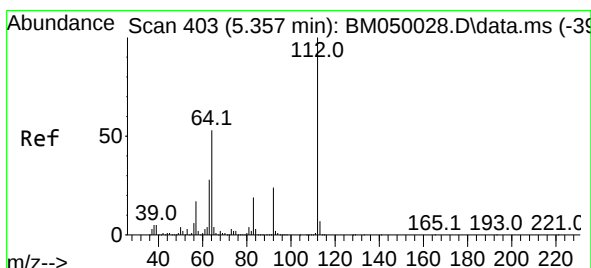
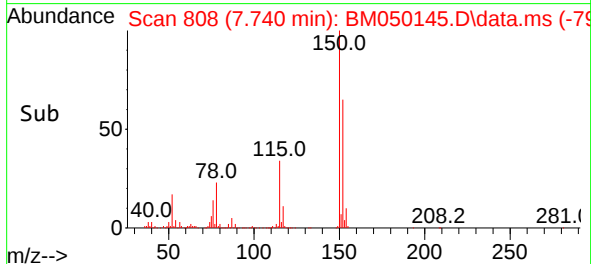
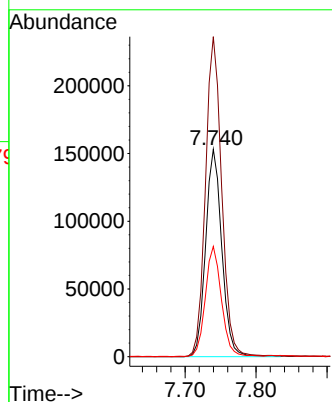
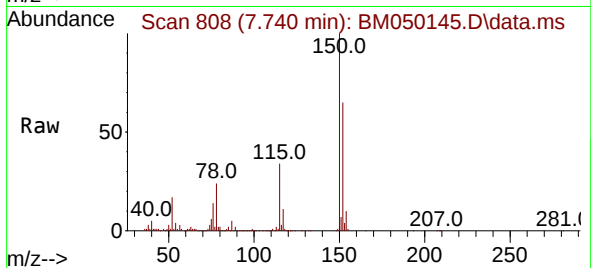




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

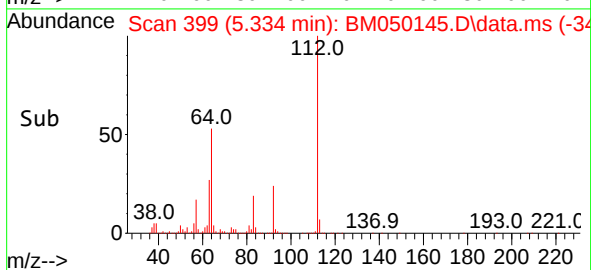
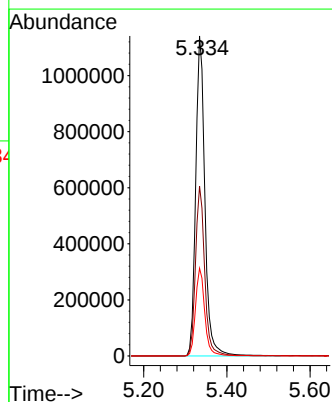
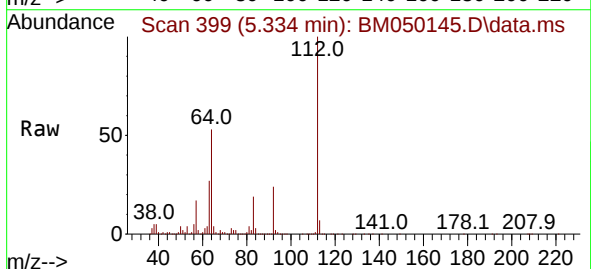
Instrument :
BNA_M
ClientSampleId :
MH-LL

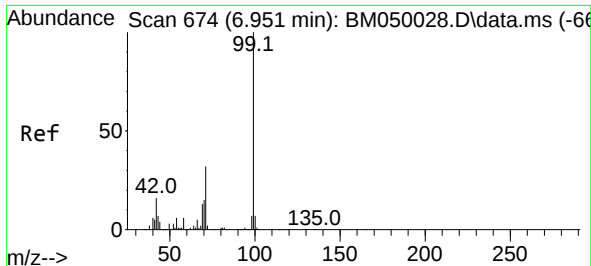
Tgt Ion:152 Resp: 242934
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 53.2 41.2 61.8



#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



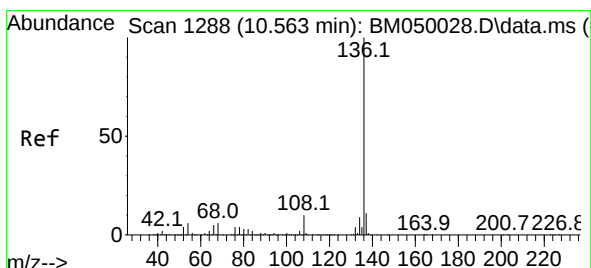
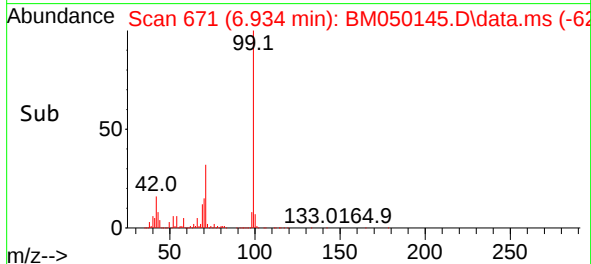
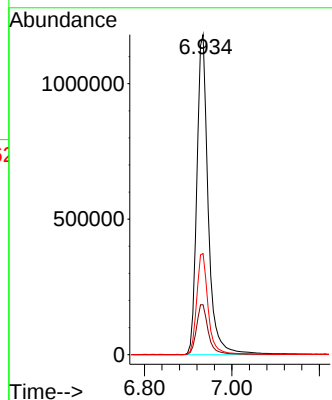
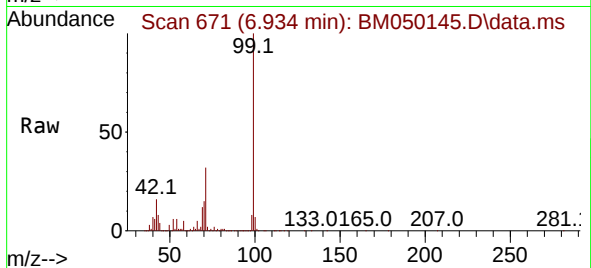


#7
Phenol-d6
Concen: 123.141 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

Instrument :
BNA_M
ClientSampleId :
MH-LL

Tgt Ion: 99 Resp: 2147228

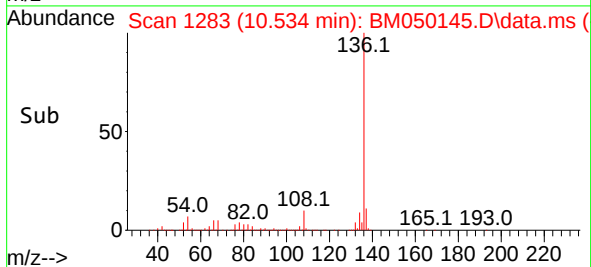
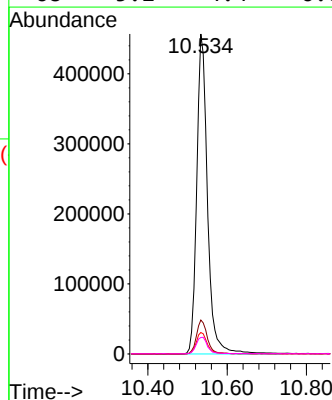
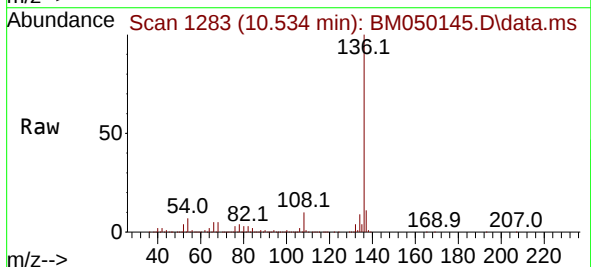
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.6	25.6	38.4

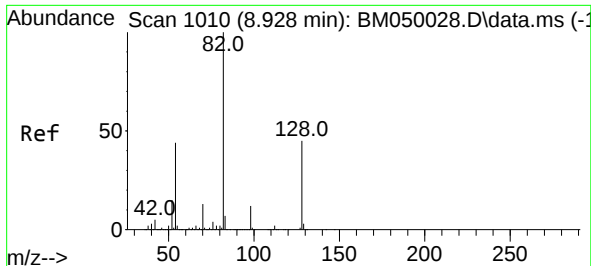


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

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 :

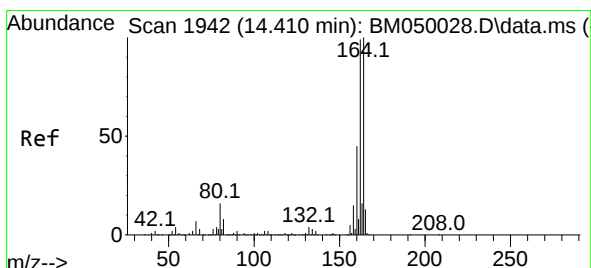
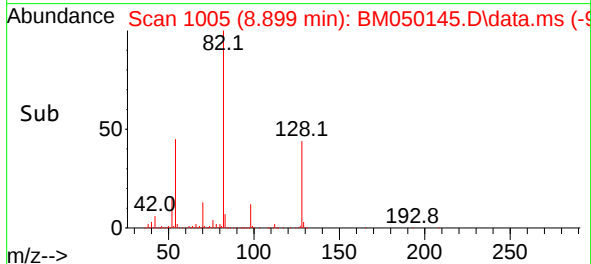
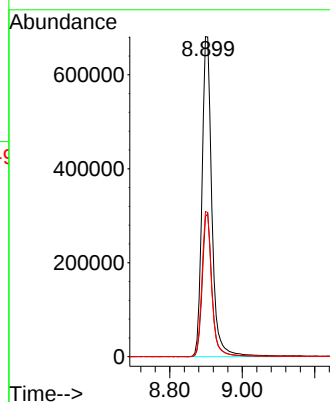
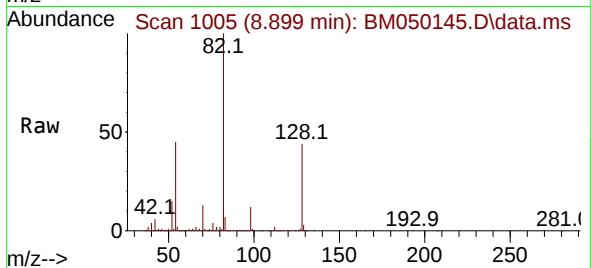
BNA_M

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

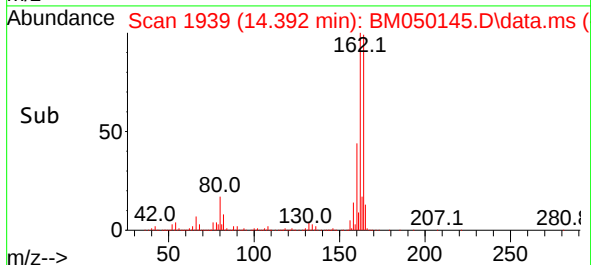
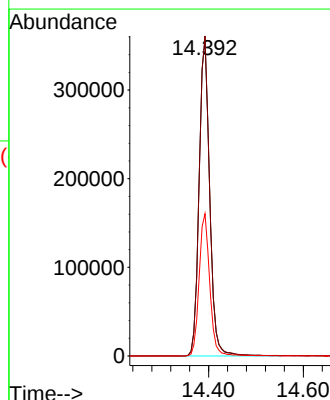
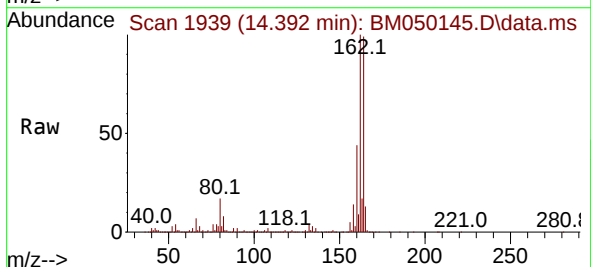
Delta R.T. 0.000 min

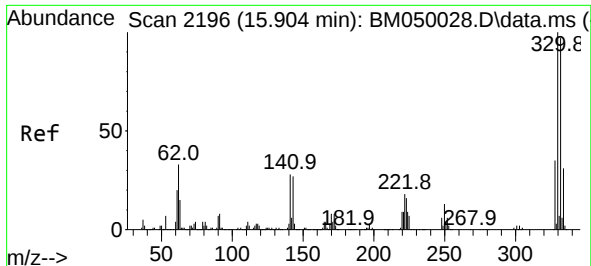
Lab File: BM050145.D

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

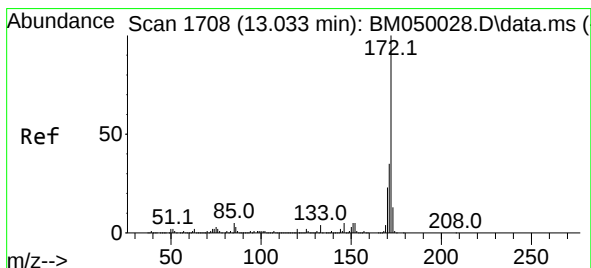
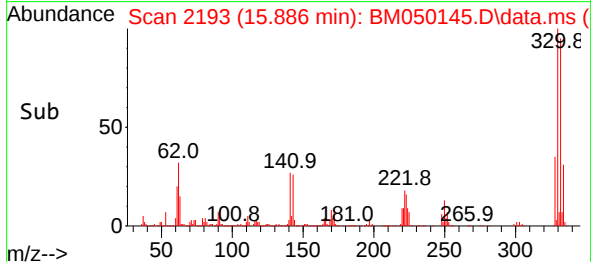
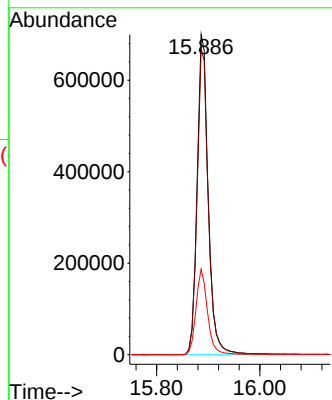
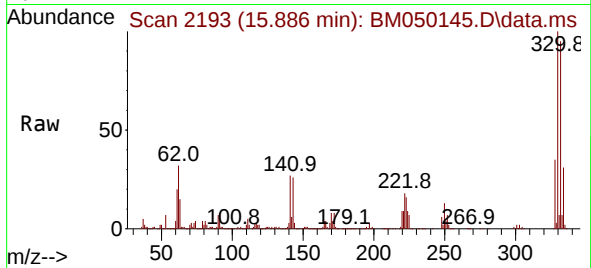




#42
2,4,6-Tribromophenol
Concen: 127.691 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

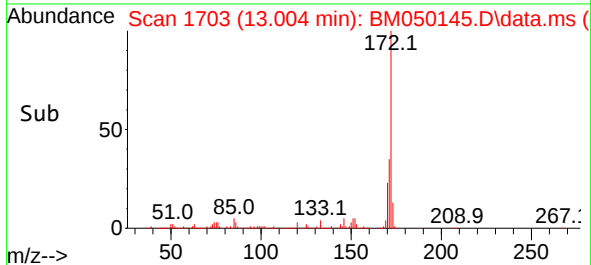
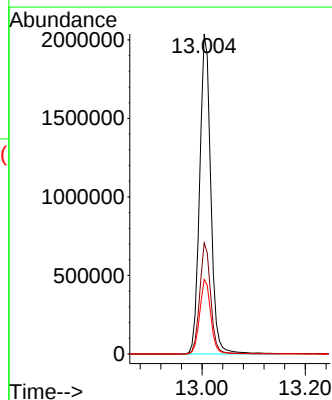
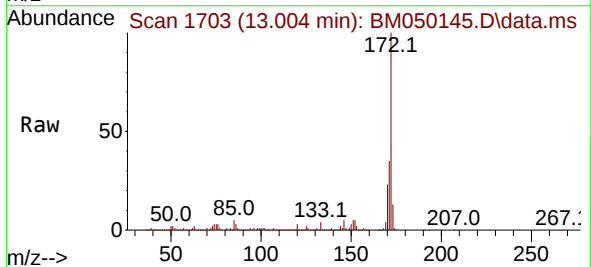
Instrument :
BNA_M
ClientSampleId :
MH-LL

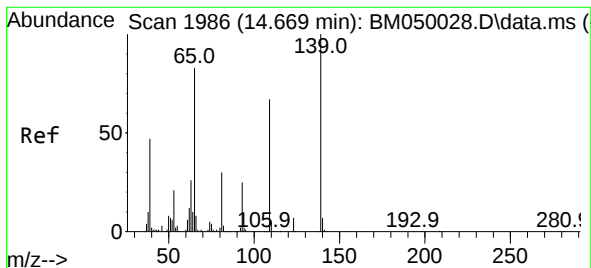
Tgt Ion:330 Resp: 1047521
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.0 22.5 33.7



#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

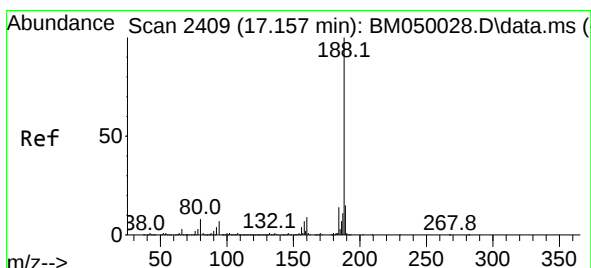
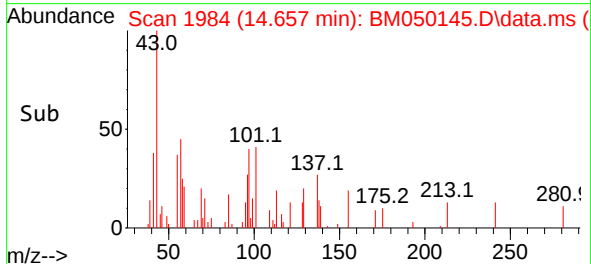
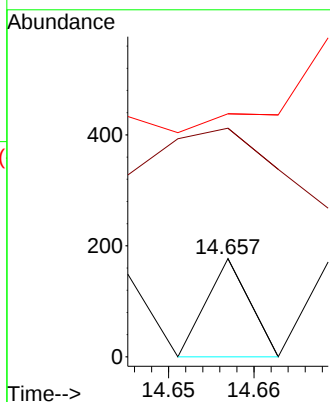
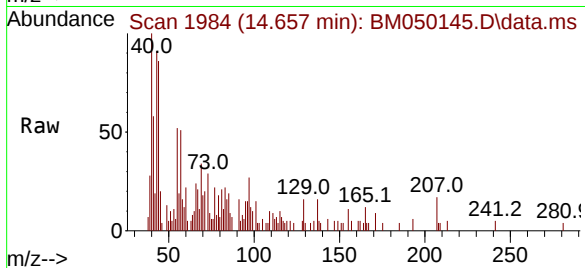




#56
4-Nitrophenol
Concen: 4.543 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050145.D
Acq: 08 May 2025 14:02

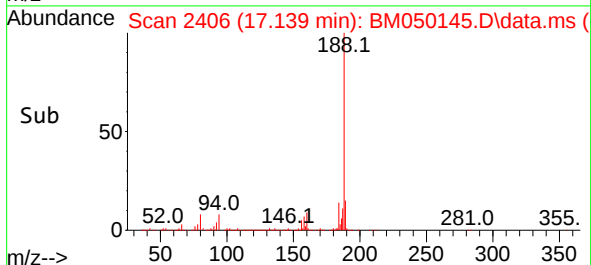
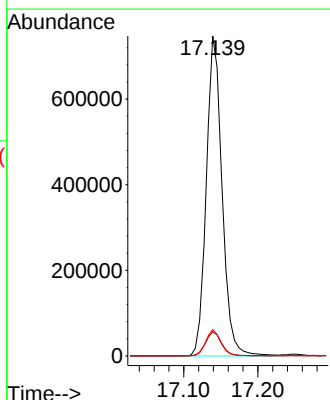
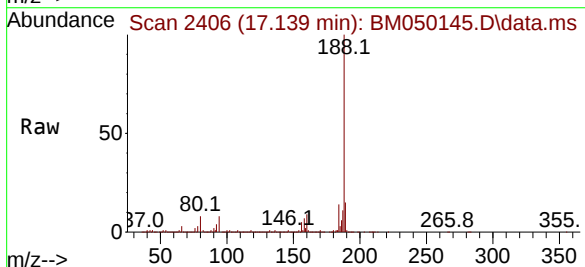
Instrument :
BNA_M
ClientSampleId :
MH-LL

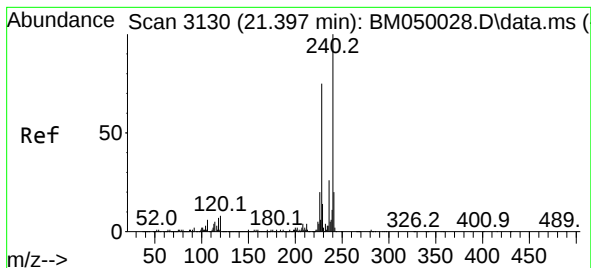
Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 232.8 47.0 87.0#
65 247.5 64.3 104.3#



#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

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# 31

Delta R.T. 0.000 min

Lab File: BM050145.D

Acq: 08 May 2025 14:02

Instrument :

BNA_M

ClientSampleId :

MH-LL

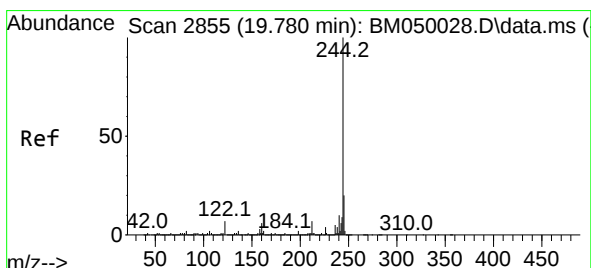
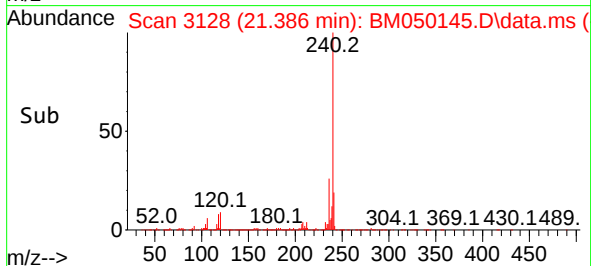
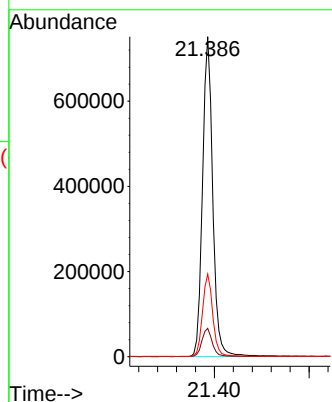
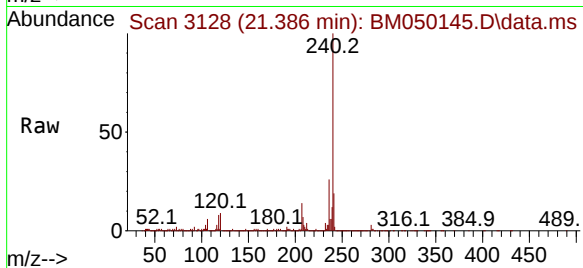
Tgt Ion:240 Resp: 1123540

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# 2852

Delta R.T. -0.006 min

Lab File: BM050145.D

Acq: 08 May 2025 14:02

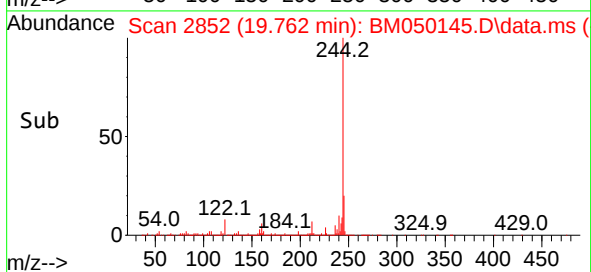
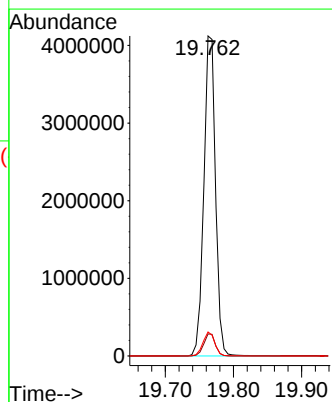
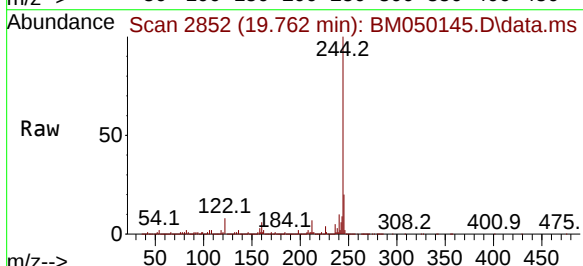
Tgt Ion:244 Resp: 4906807

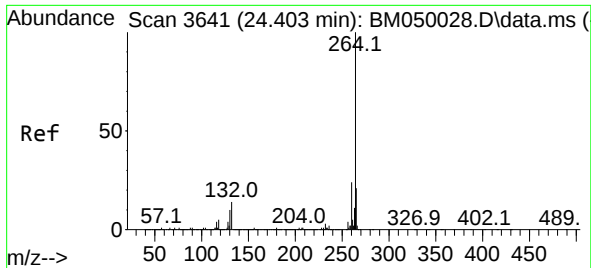
Ion Ratio Lower Upper

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# 30
 Delta R.T. 0.000 min
 Lab File: BM050145.D
 Acq: 08 May 2025 14:02

Instrument :
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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

