

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049716.D
 Acq On : 13 Mar 2025 16:00
 Operator : RC/JU
 Sample : Q1502-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 13 16:48:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

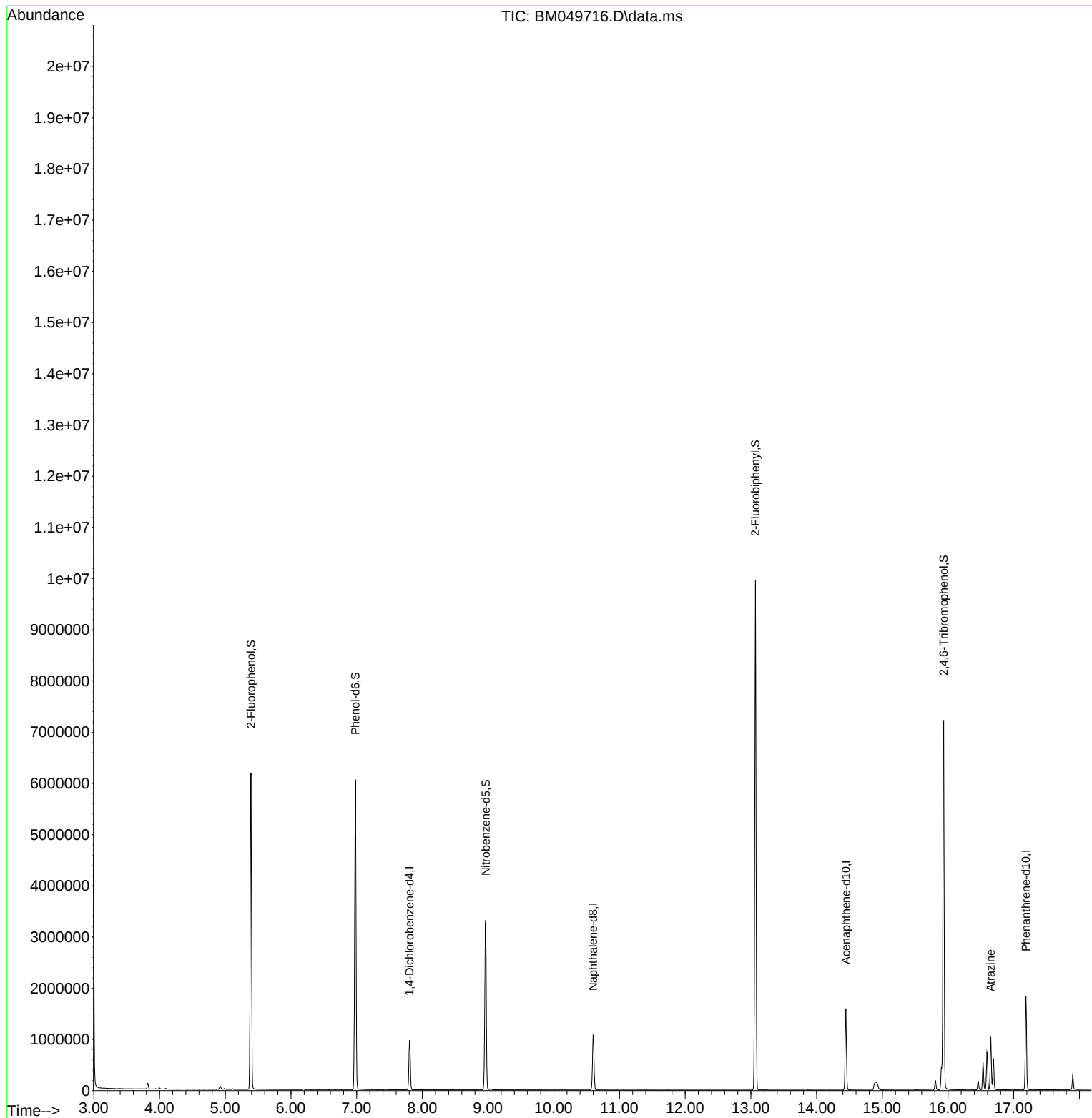
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	261425	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	869499	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	532413	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1042782	20.000	ng	0.00
76) Chrysene-d12	21.421	240	876426	20.000	ng	0.00
86) Perylene-d12	24.438	264	881836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2549530	164.555	ng	0.00
7) Phenol-d6	6.981	99	3197657	164.459	ng	0.00
23) Nitrobenzene-d5	8.963	82	1870713	110.461	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1261062	202.841	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	4833493	113.697	ng	0.00
79) Terphenyl-d14	19.815	244	8054408	154.864	ng	0.00
Target Compounds						
69) Atrazine	16.651	200	180995	25.994	ng	Qvalue 98

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

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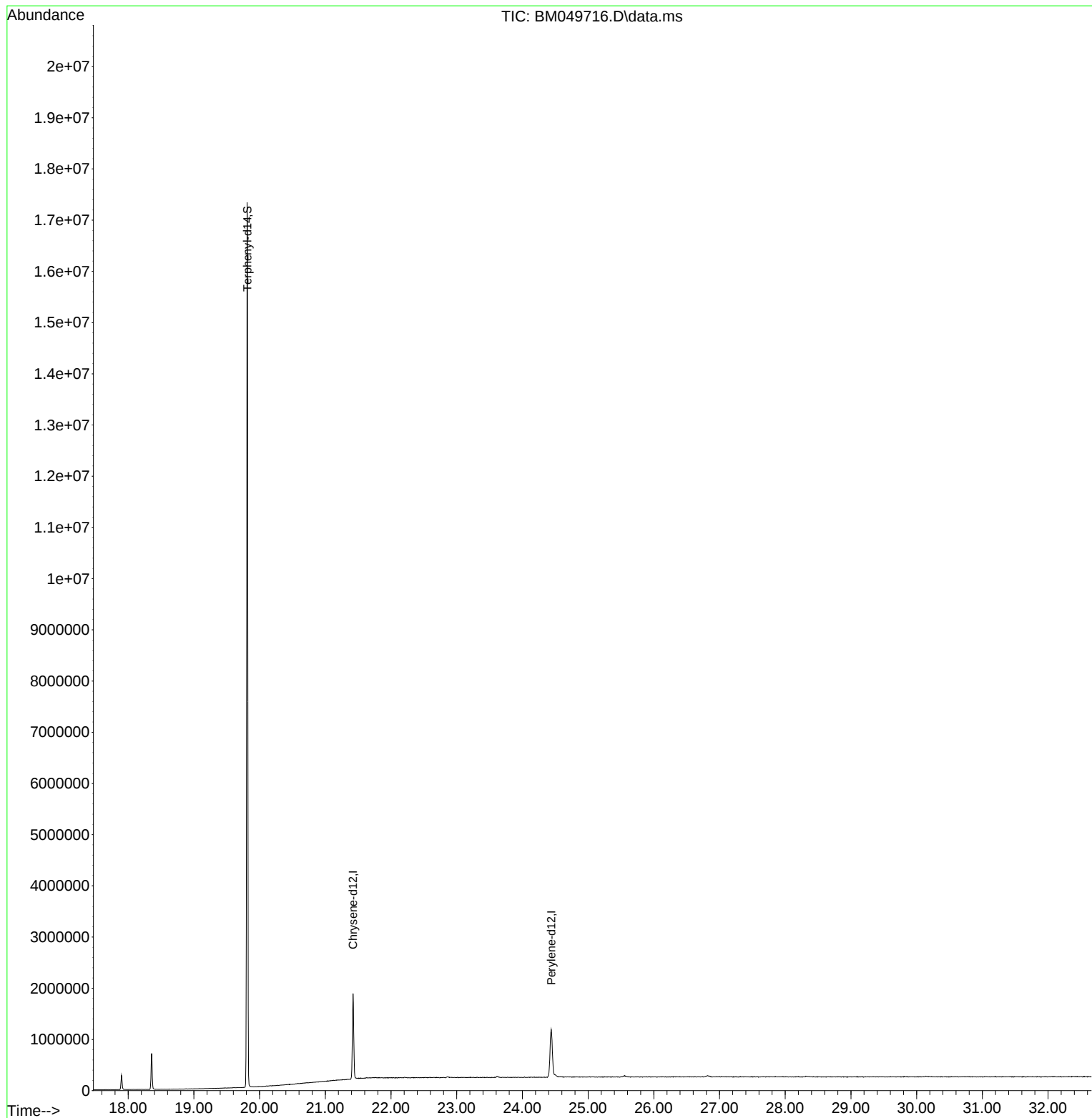
Quant Time: Mar 13 16:48:22 2025
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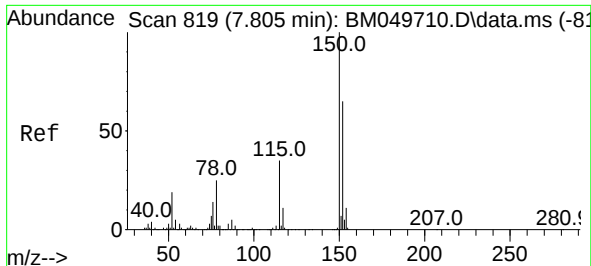


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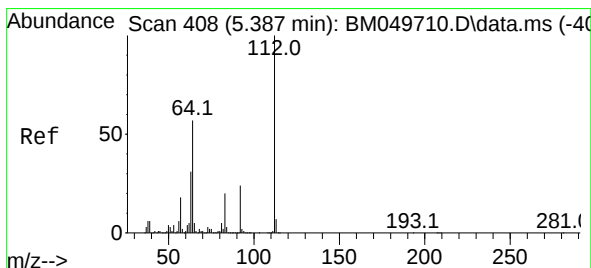
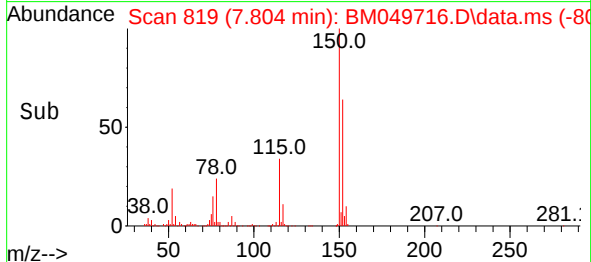
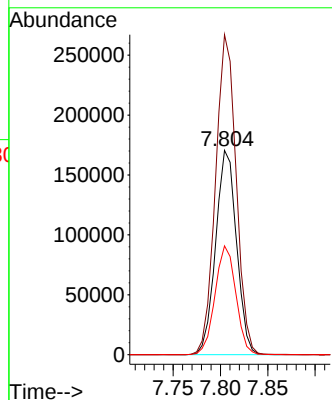
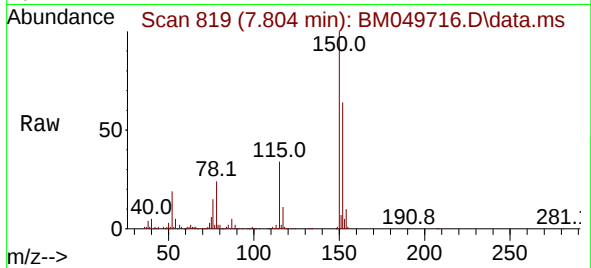




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.001 min
Lab File: BM049716.D
Acq: 13 Mar 2025 16:00

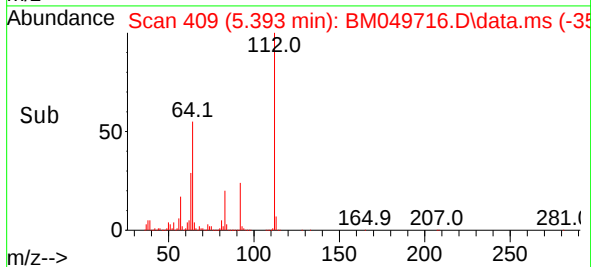
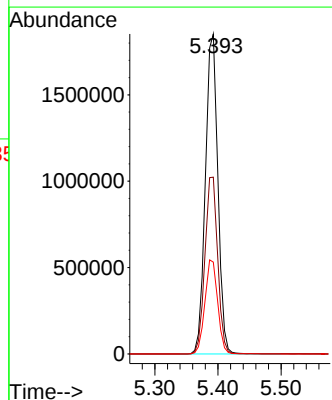
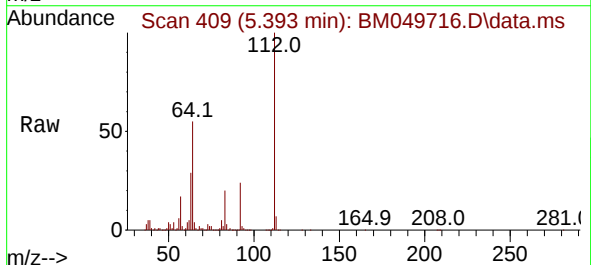
Instrument :
BNA_M
ClientSampleId :

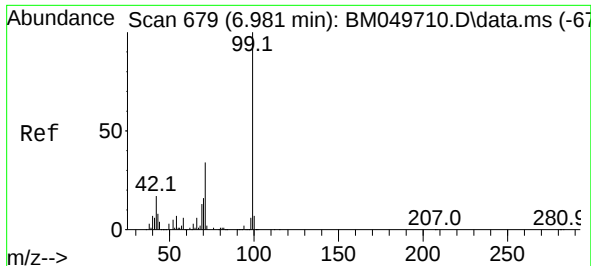
Tgt Ion:152 Resp: 261425
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.8
115 53.2 43.0 64.6



#5
2-Fluorophenol
Concen: 164.555 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.006 min
Lab File: BM049716.D
Acq: 13 Mar 2025 16:00

Tgt Ion:112 Resp: 2549530
Ion Ratio Lower Upper
112 100
64 55.3 45.3 67.9
63 28.7 24.4 36.6

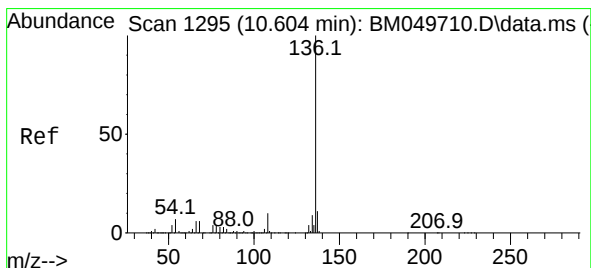
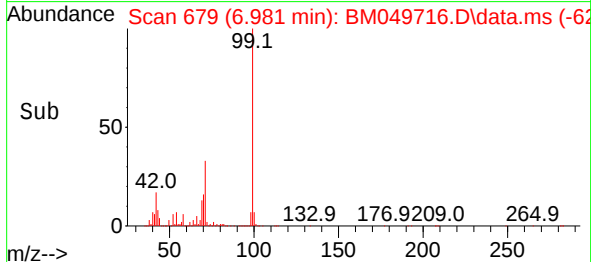
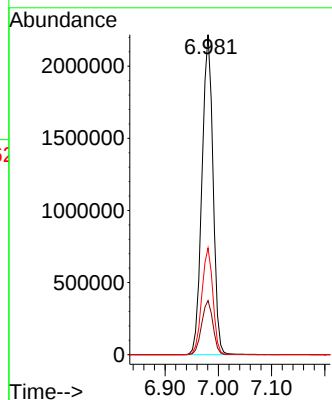
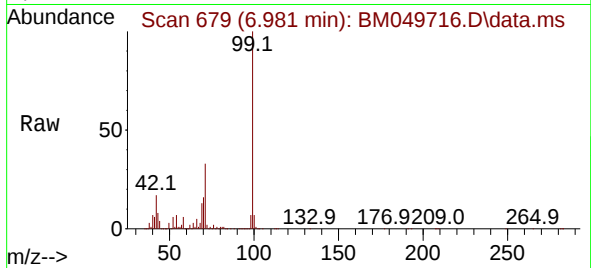




#7
Phenol-d6
Concen: 164.459 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049716.D
Acq: 13 Mar 2025 16:00

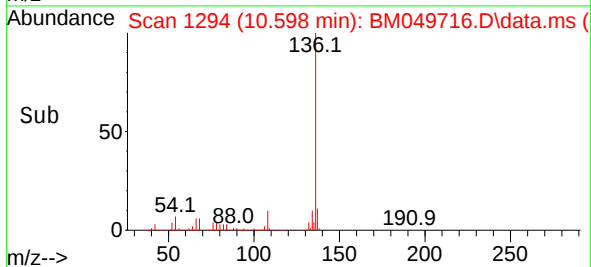
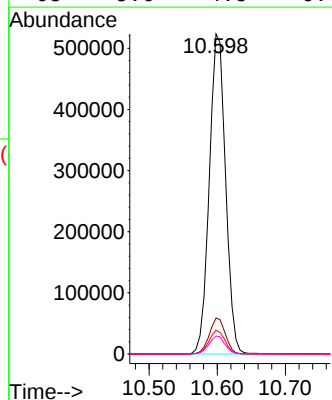
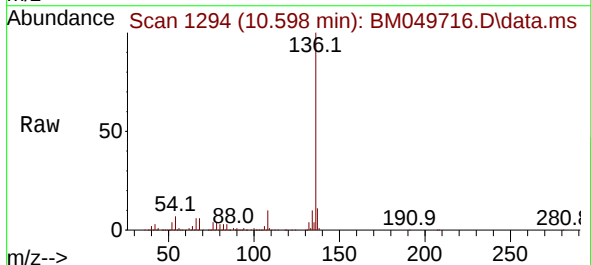
Instrument :
BNA_M
ClientSampleId :

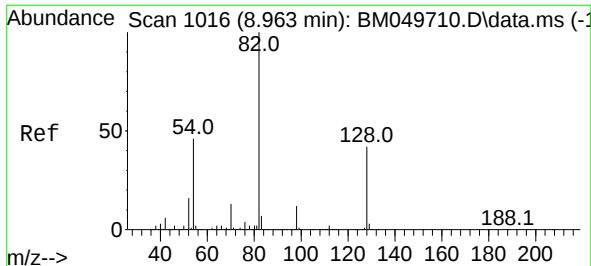
Tgt Ion: 99 Resp: 3197657
Ion Ratio Lower Upper
99 100
42 16.9 13.6 20.4
71 33.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BM049716.D
Acq: 13 Mar 2025 16:00

Tgt Ion:136 Resp: 869499
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 7.4 5.8 8.8
68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 110.461 ng

RT: 8.963 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM049716.D

Acq: 13 Mar 2025 16:00

Instrument :

BNA_M

ClientSampleId :

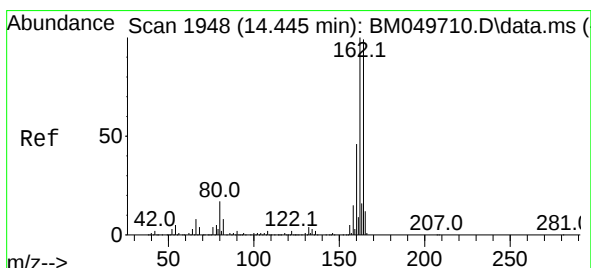
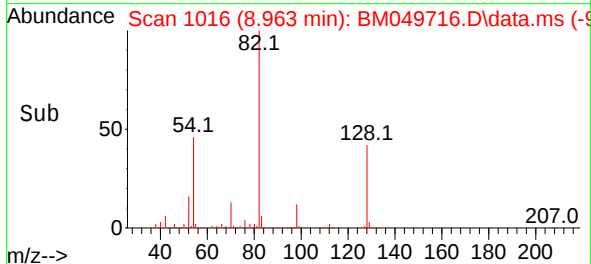
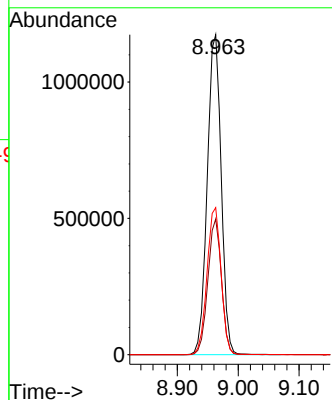
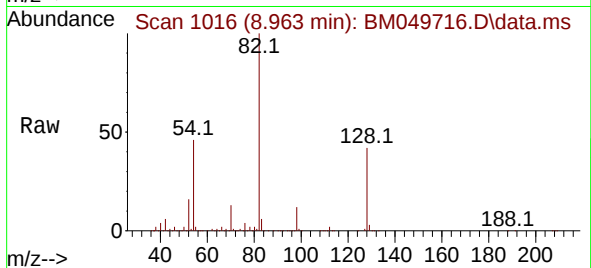
Tgt Ion: 82 Resp: 1870713

Ion Ratio Lower Upper

82 100

128 42.4 33.4 50.0

54 46.0 36.4 54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM049716.D

Acq: 13 Mar 2025 16:00

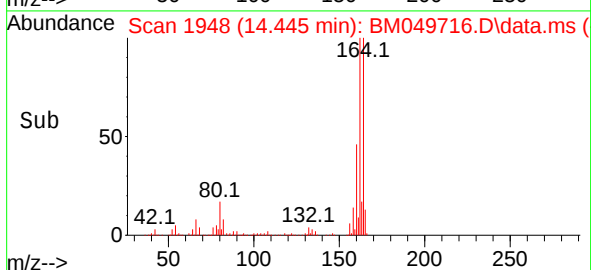
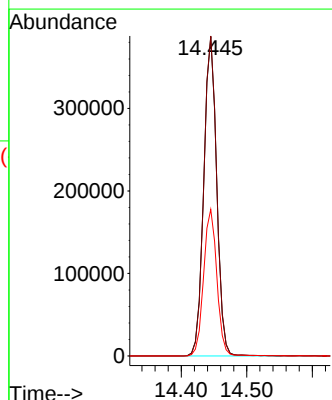
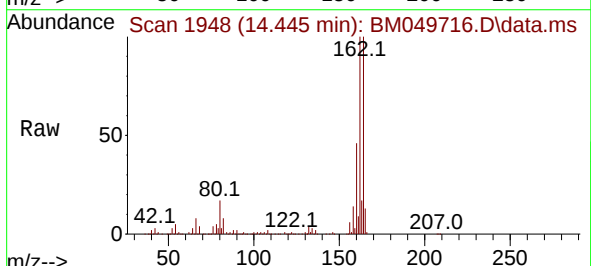
Tgt Ion:164 Resp: 532413

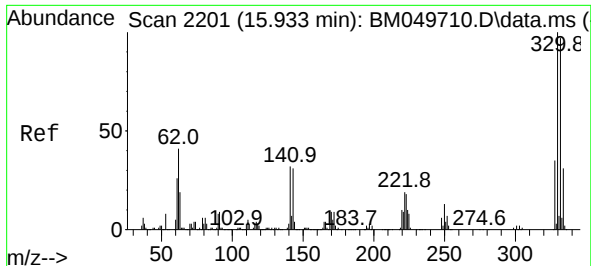
Ion Ratio Lower Upper

164 100

162 100.2 80.5 120.7

160 45.9 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 202.841 ng

RT: 15.933 min Scan# 21

Delta R.T. 0.000 min

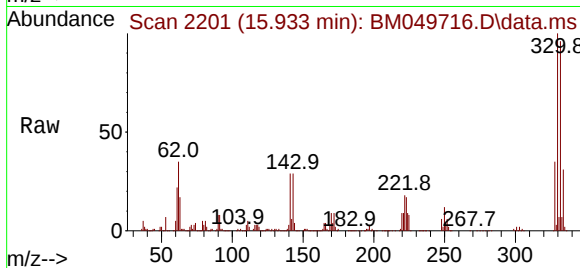
Lab File: BM049716.D

Acq: 13 Mar 2025 16:00

Instrument :

BNA_M

ClientSampleId :



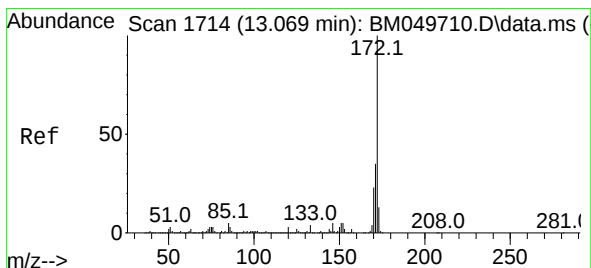
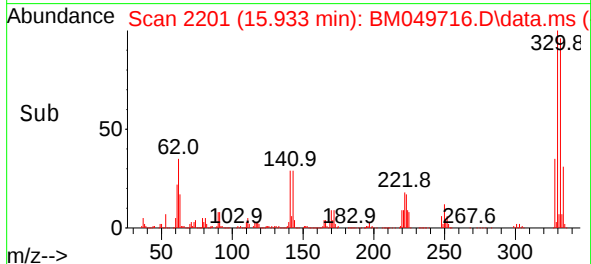
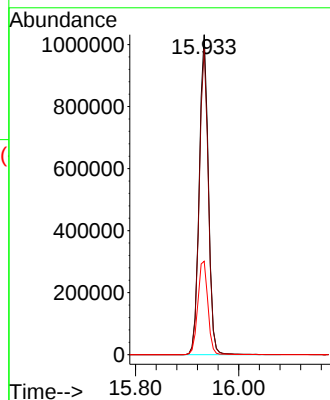
Tgt Ion:330 Resp: 1261062

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.4

141 32.2 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 113.697 ng

RT: 13.069 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM049716.D

Acq: 13 Mar 2025 16:00

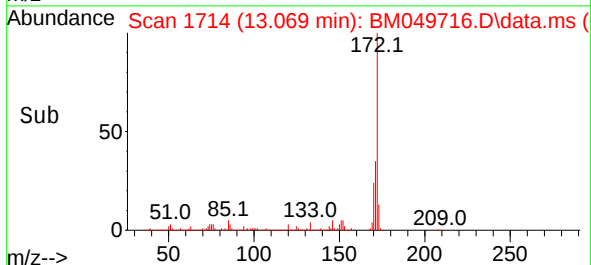
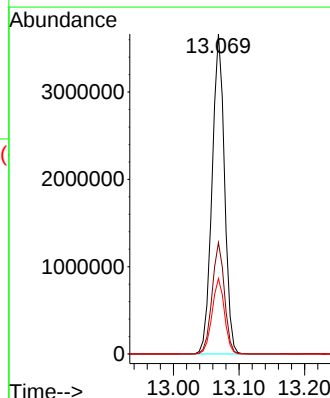
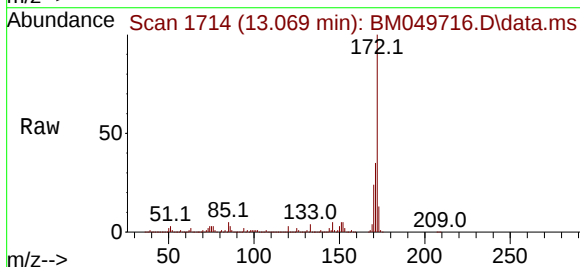
Tgt Ion:172 Resp: 4833493

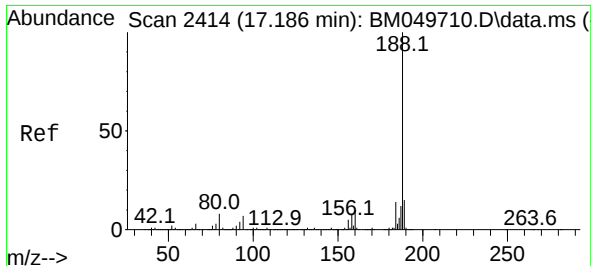
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.6 18.6 28.0

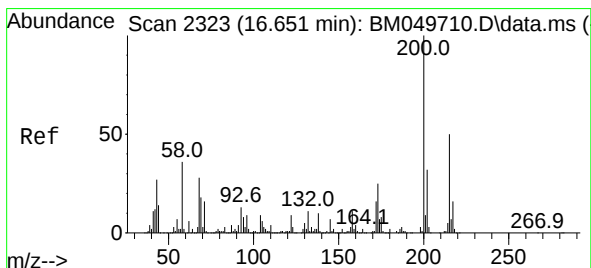
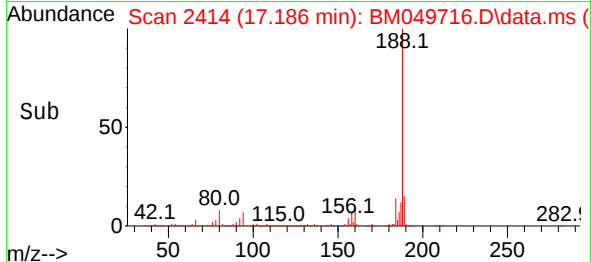
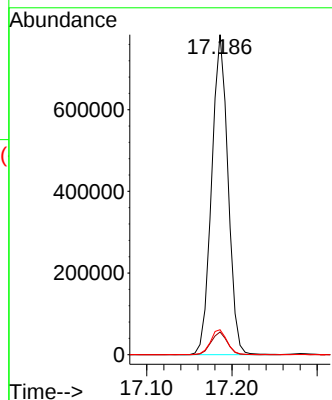
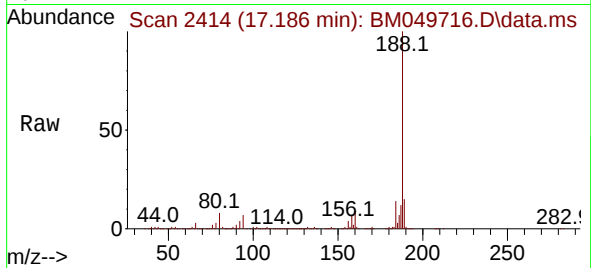




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM049716.D
Acq: 13 Mar 2025 16:00

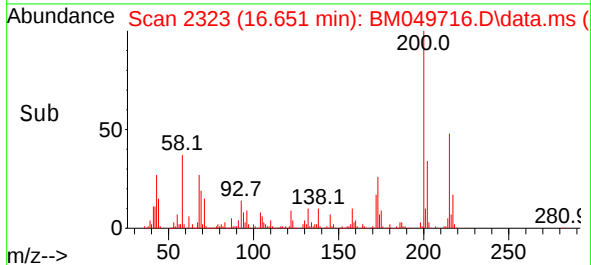
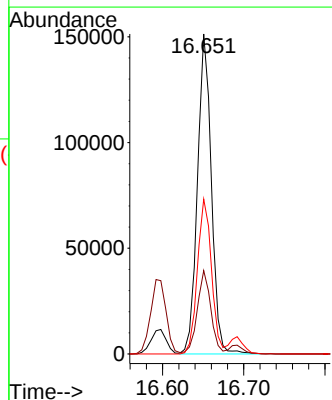
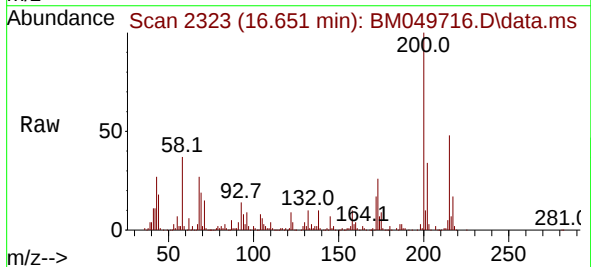
Instrument :
BNA_M
ClientSampleId :

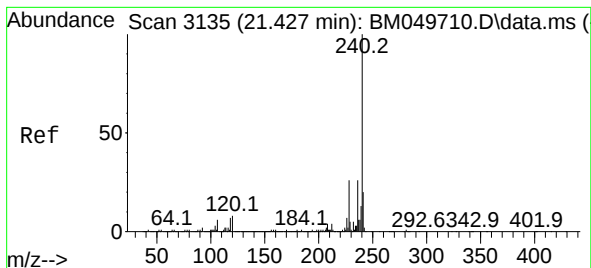
Tgt Ion:188 Resp: 1042782
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.8 6.3 9.5



#69
Atrazine
Concen: 25.994 ng
RT: 16.651 min Scan# 2323
Delta R.T. -0.000 min
Lab File: BM049716.D
Acq: 13 Mar 2025 16:00

Tgt Ion:200 Resp: 180995
Ion Ratio Lower Upper
200 100
173 26.0 5.4 45.4
215 48.4 29.8 69.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BM049716.D

Acq: 13 Mar 2025 16:00

Instrument :

BNA_M

ClientSampleId :

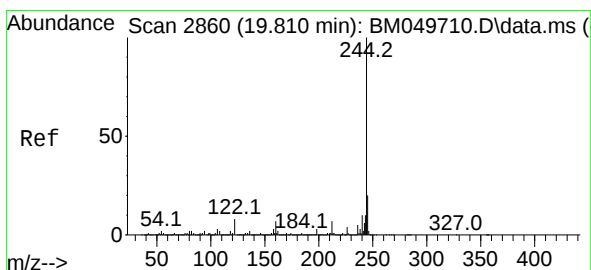
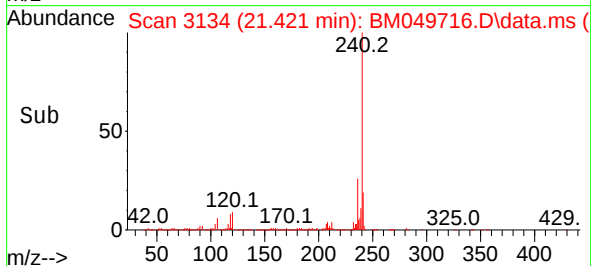
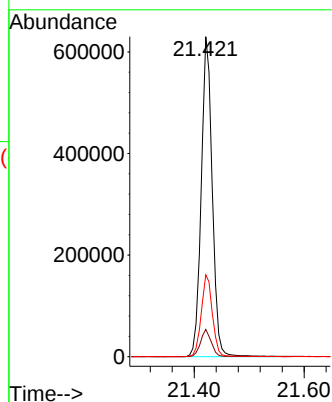
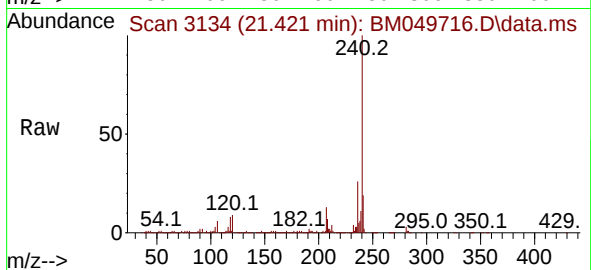
Tgt Ion:240 Resp: 876426

Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 25.5 20.7 31.1



#79

Terphenyl-d14

Concen: 154.864 ng

RT: 19.815 min Scan# 2861

Delta R.T. 0.006 min

Lab File: BM049716.D

Acq: 13 Mar 2025 16:00

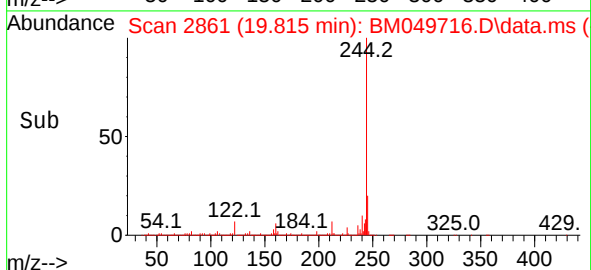
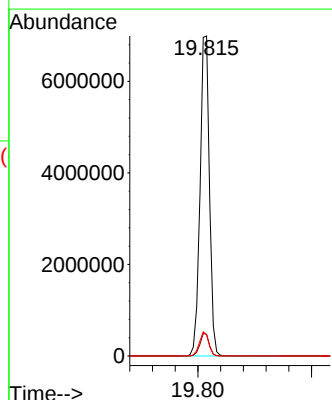
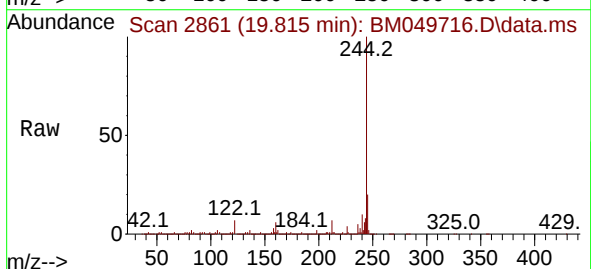
Tgt Ion:244 Resp: 8054408

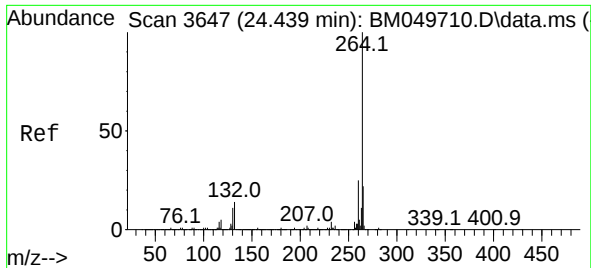
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

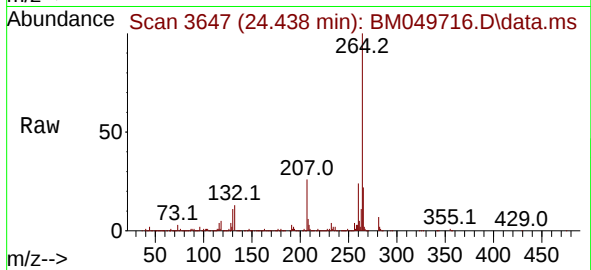
122 6.6 6.0 9.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.438 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM049716.D
 Acq: 13 Mar 2025 16:00

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:264 Resp: 881836
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 22.0 18.2 27.2

