

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049775.D
 Acq On : 01 Apr 2025 15:30
 Operator : RC/JU
 Sample : Q1674-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11991

Quant Time: Apr 01 16:08:53 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	7.792	152	354702	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1251017	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	838370	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1642322	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	1177242	20.000	ng	-0.02
86) Perylene-d12	24.409	264	881802	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3545960	168.682	ng	0.00
7) Phenol-d6	6.969	99	4412838	167.274	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2695910	110.640	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	2130507	217.629	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	7179338	107.247	ng	-0.01
79) Terphenyl-d14	19.798	244	10360490	148.302	ng	-0.01

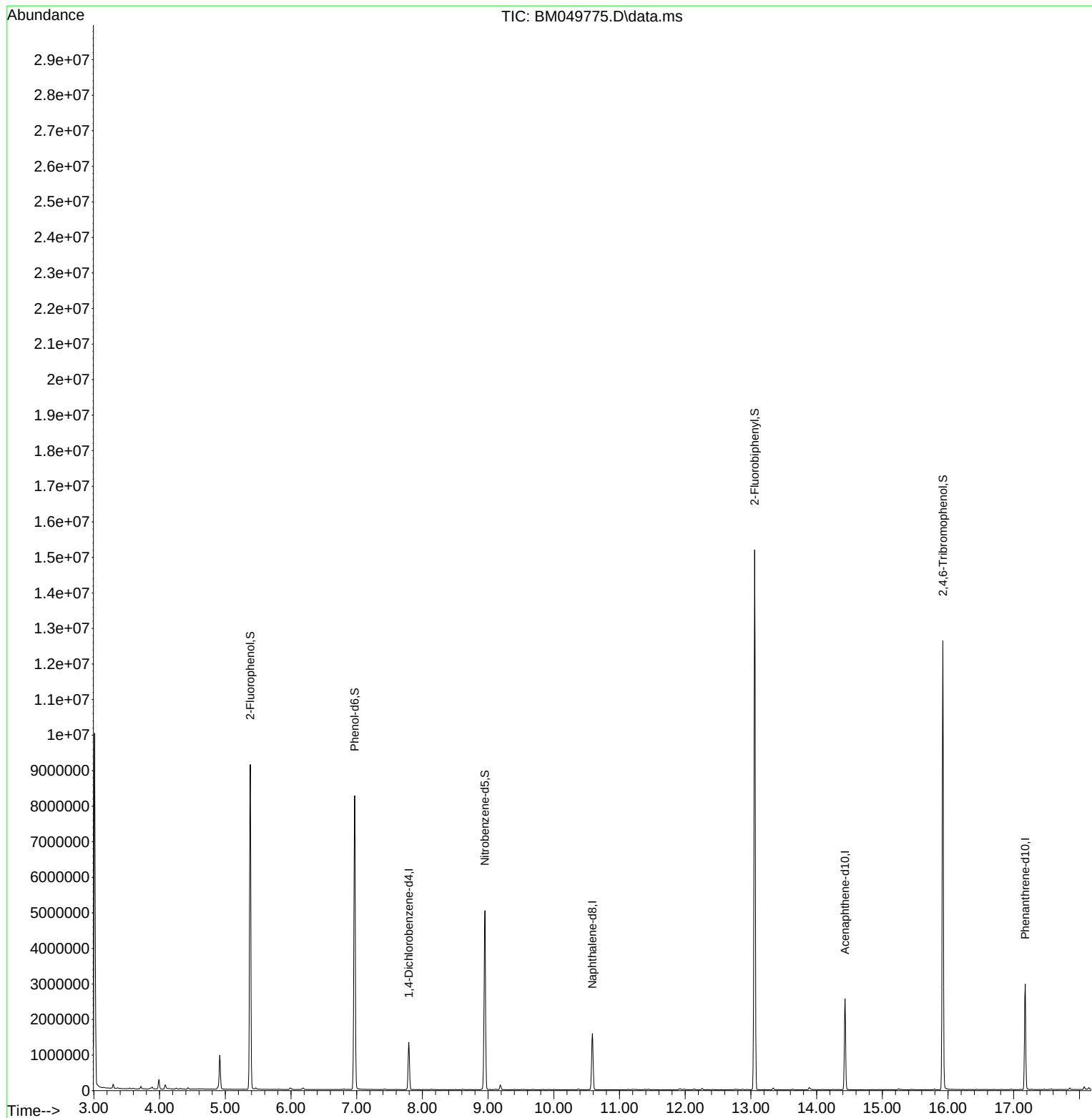
Target Compounds	Qvalue

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

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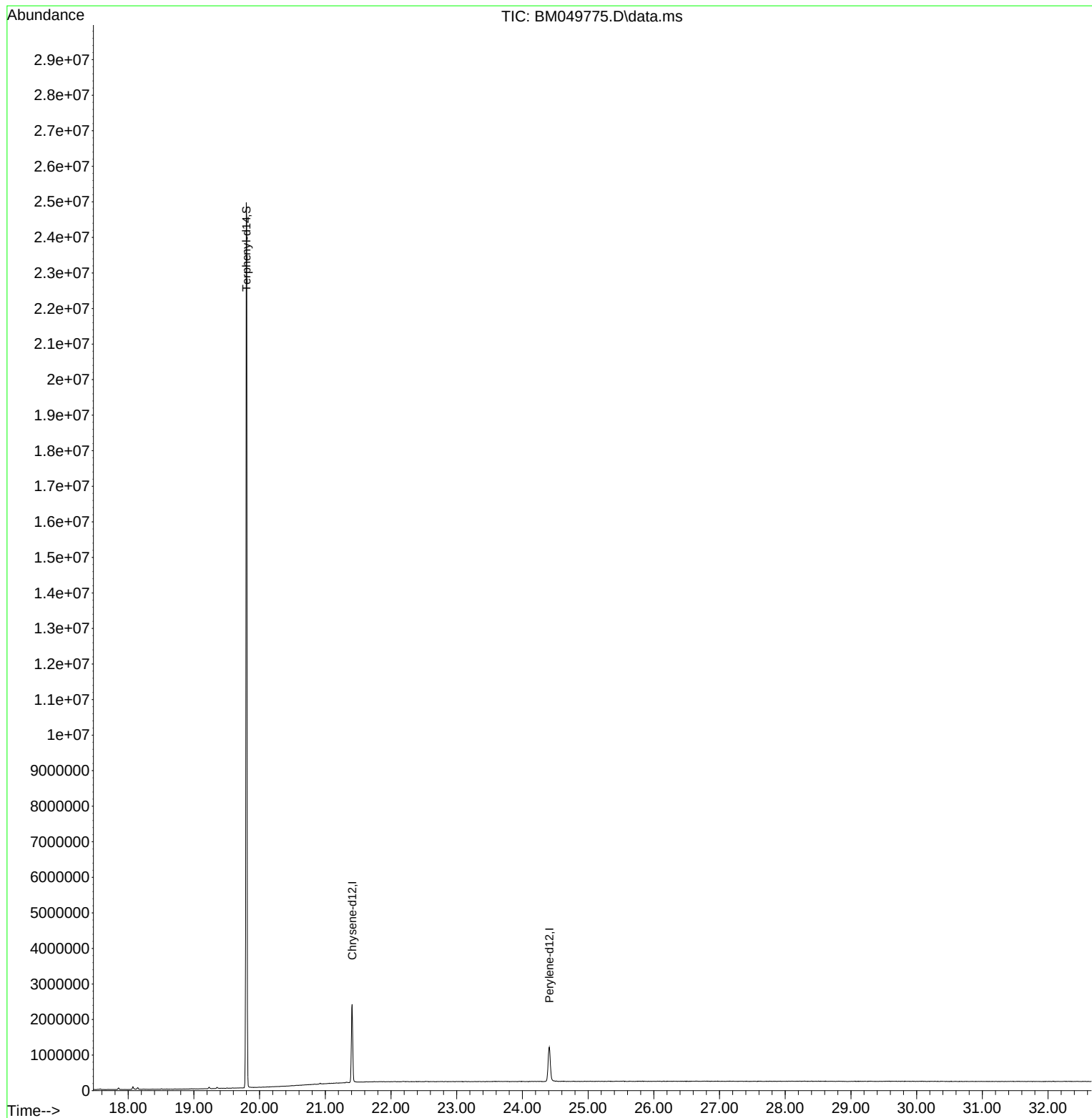
Quant Time: Apr 01 16:08:53 2025
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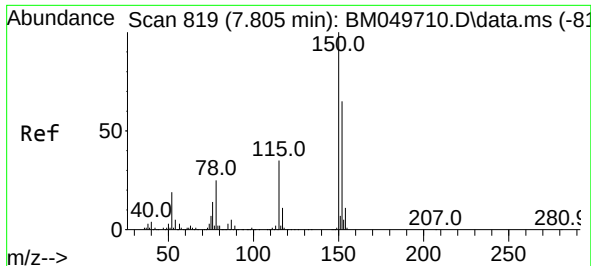


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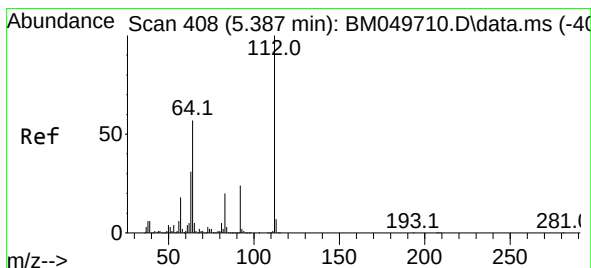
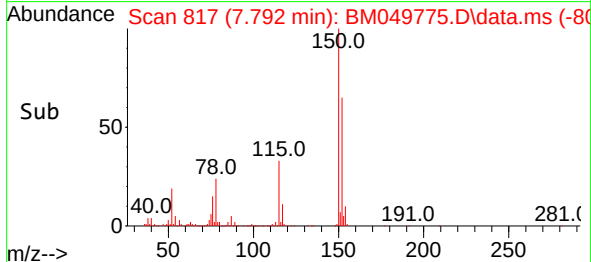
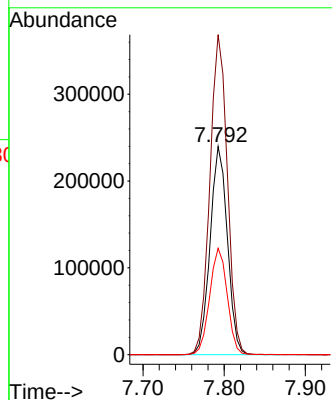
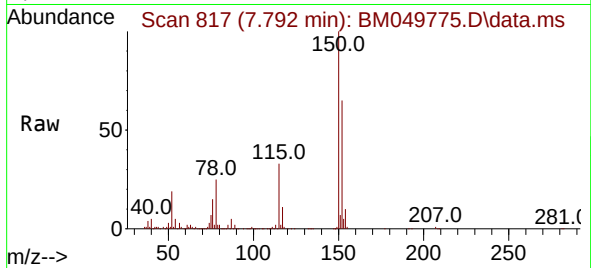




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: BM049775.D
 Acq: 01 Apr 2025 15:30

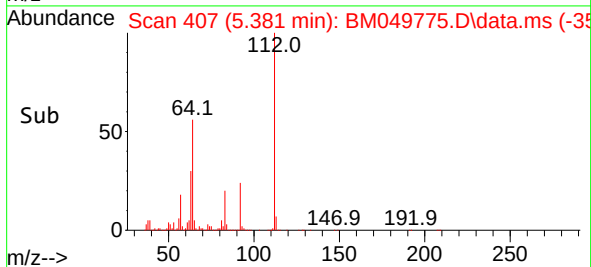
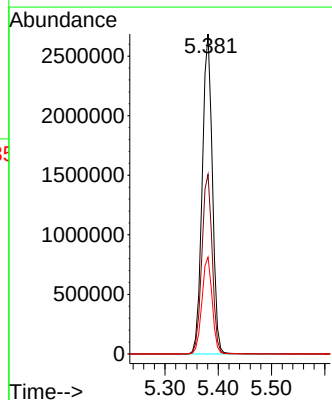
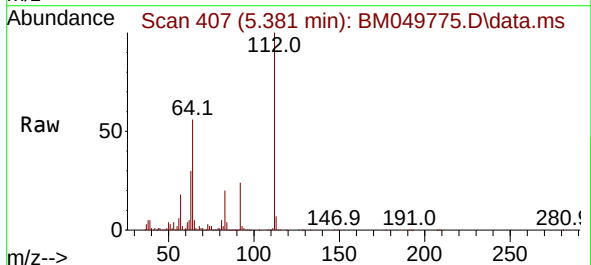
Instrument :
 BNA_M
 ClientSampleId :
 72-11991

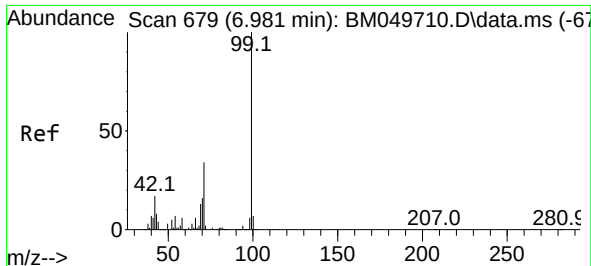
Tgt Ion:152 Resp: 354702
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.8 185.8
 115 51.1 43.0 64.6



#5
 2-Fluorophenol
 Concen: 168.682 ng
 RT: 5.381 min Scan# 407
 Delta R.T. -0.006 min
 Lab File: BM049775.D
 Acq: 01 Apr 2025 15:30

Tgt Ion:112 Resp: 3545960
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.3 67.9
 63 30.2 24.4 36.6

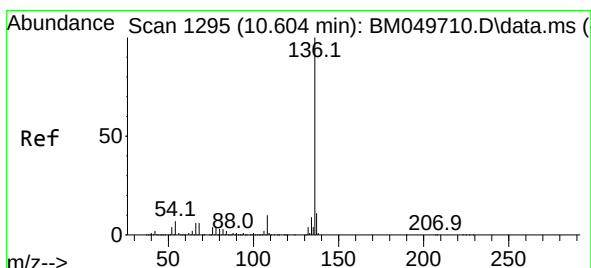
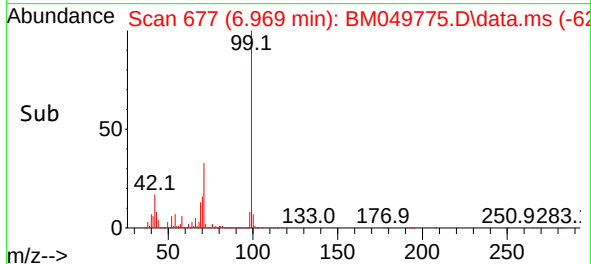
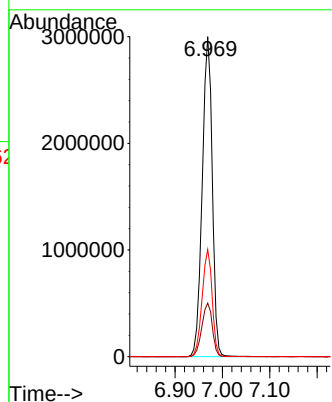
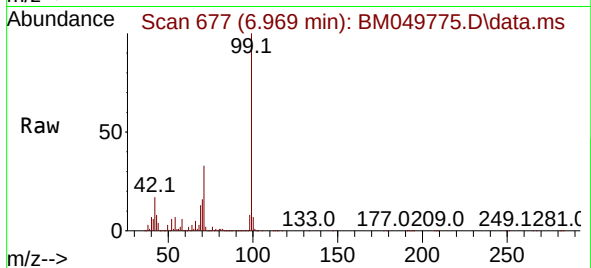




#7
Phenol-d6
Concen: 167.274 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

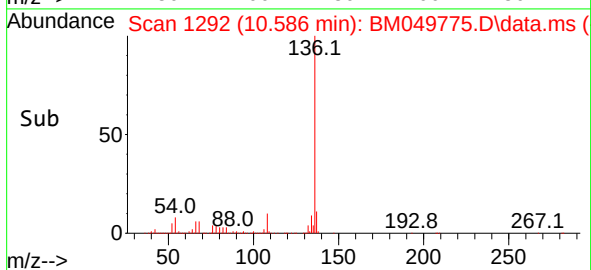
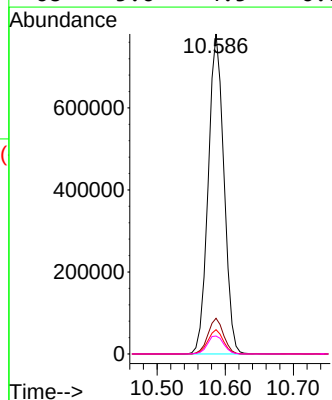
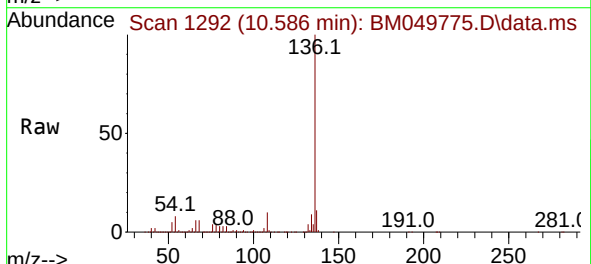
Instrument :
BNA_M
ClientSampleId :
72-11991

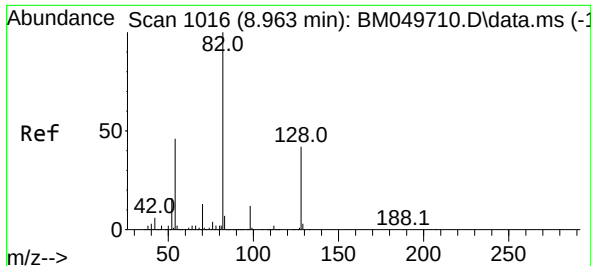
Tgt Ion: 99 Resp: 4412838
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 33.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion: 136 Resp: 1251017
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.6 5.8 8.8
68 5.6 4.5 6.7

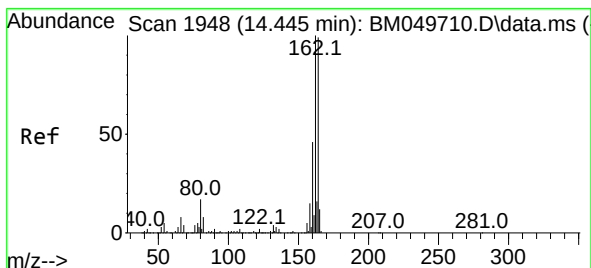
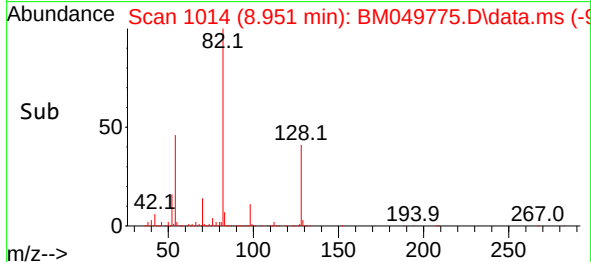
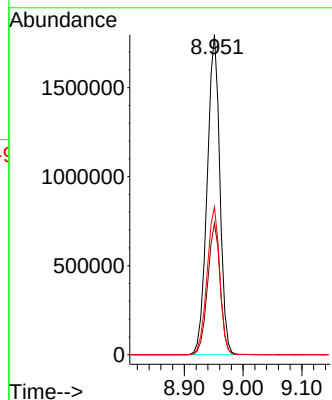
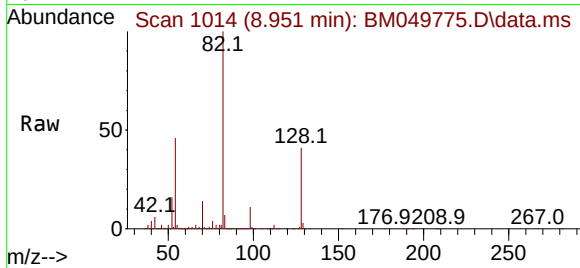




#23
Nitrobenzene-d5
Concen: 110.640 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

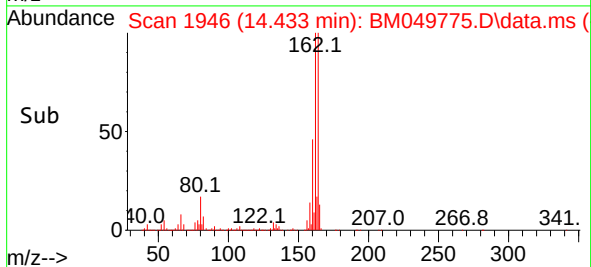
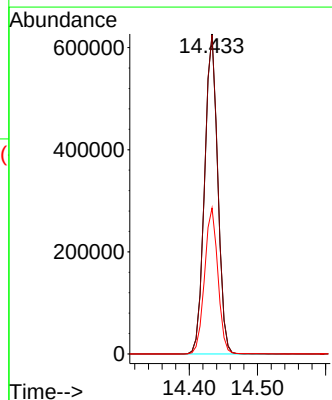
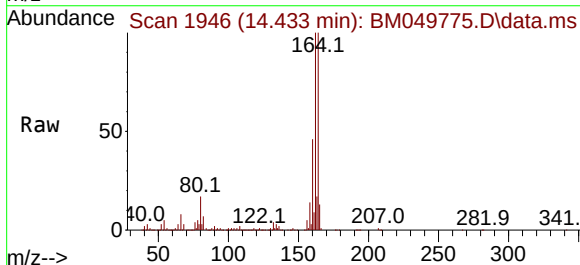
Instrument :
BNA_M
ClientSampleId :
72-11991

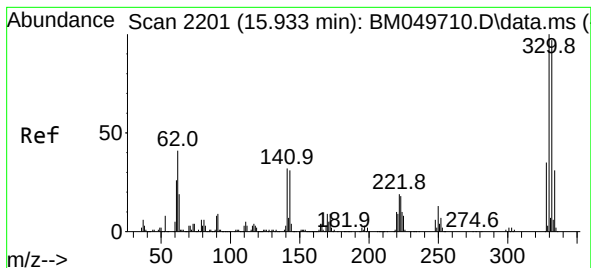
Tgt Ion: 82 Resp: 2695910
Ion Ratio Lower Upper
82 100
128 41.0 33.4 50.0
54 46.1 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion:164 Resp: 838370
Ion Ratio Lower Upper
164 100
162 99.7 80.5 120.7
160 45.6 36.9 55.3

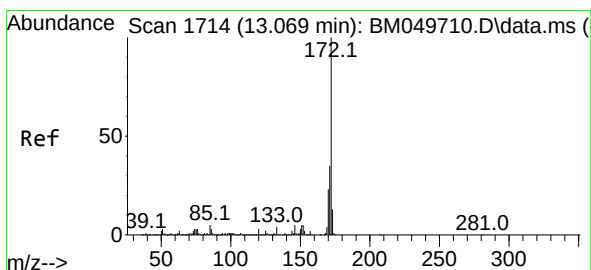
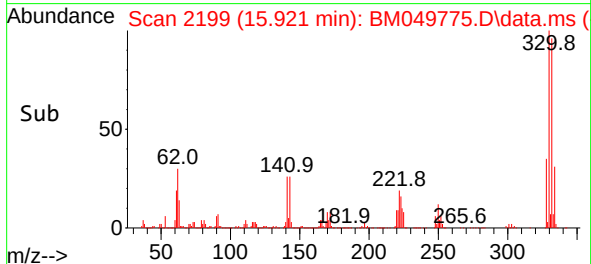
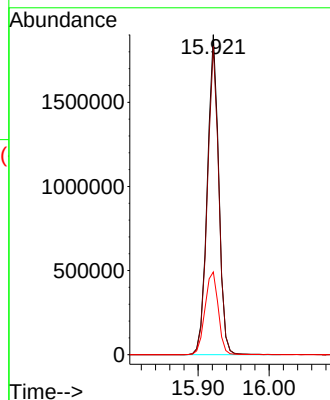
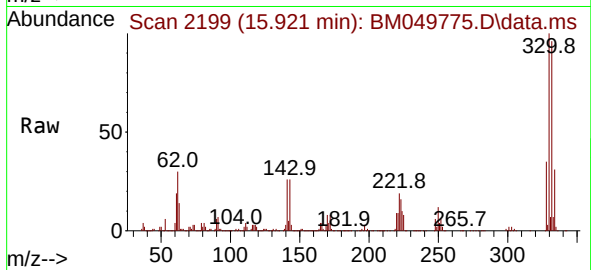




#42
2,4,6-Tribromophenol
Concen: 217.629 ng
RT: 15.921 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

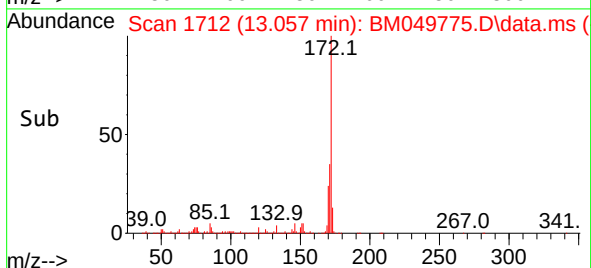
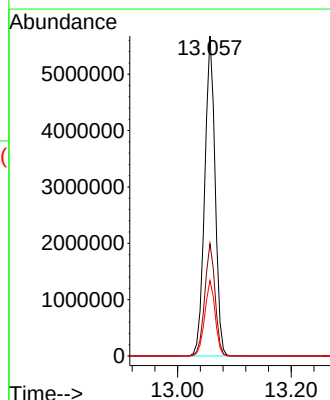
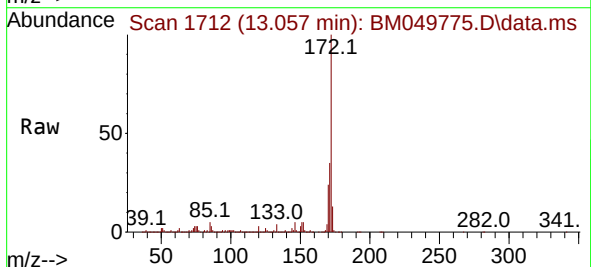
Instrument :
BNA_M
ClientSampleId :
72-11991

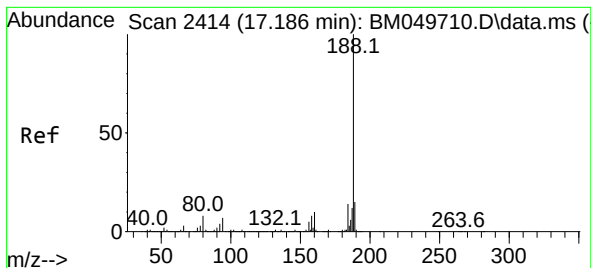
Tgt Ion:330 Resp: 2130507
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 30.0 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 107.247 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion:172 Resp: 7179338
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BM049775.D

Acq: 01 Apr 2025 15:30

Instrument :

BNA_M

ClientSampleId :

72-11991

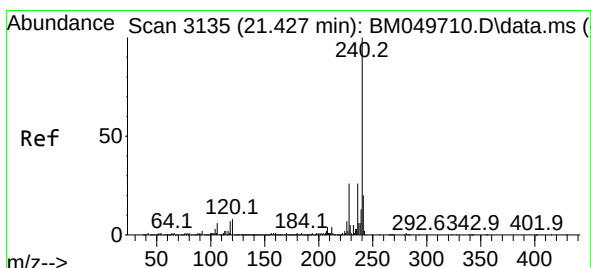
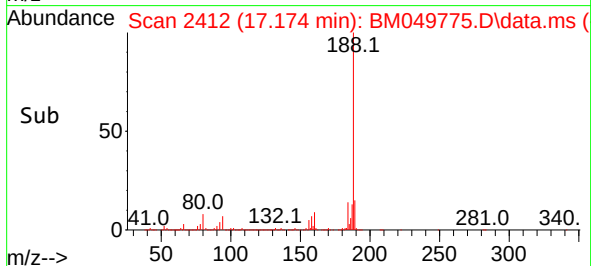
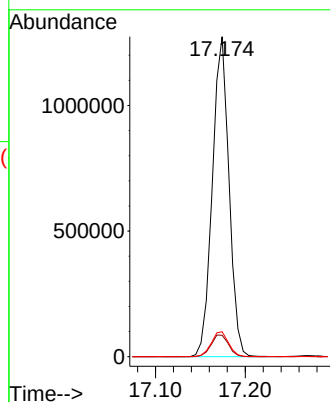
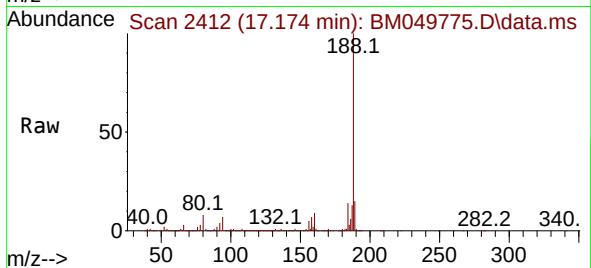
Tgt Ion:188 Resp: 1642322

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 7.8 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.018 min

Lab File: BM049775.D

Acq: 01 Apr 2025 15:30

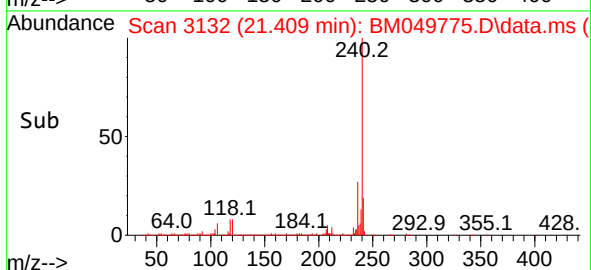
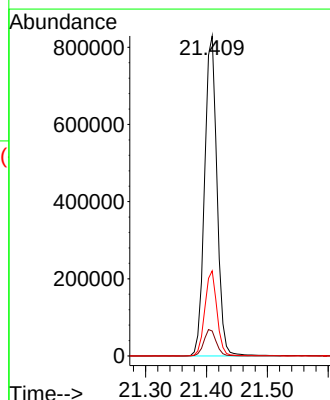
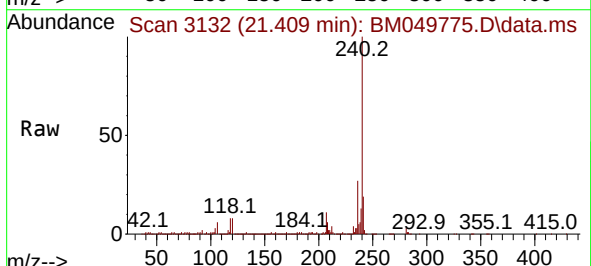
Tgt Ion:240 Resp: 1177242

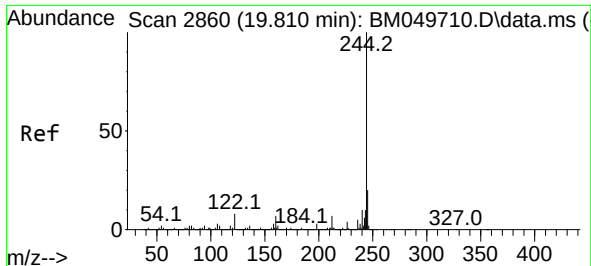
Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

236 26.6 20.7 31.1

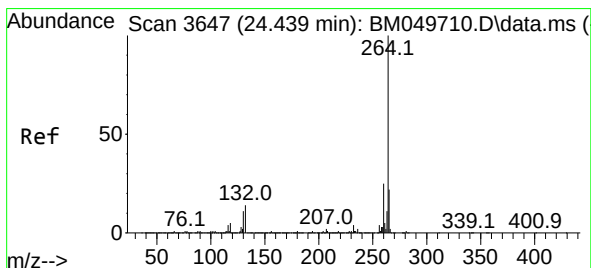
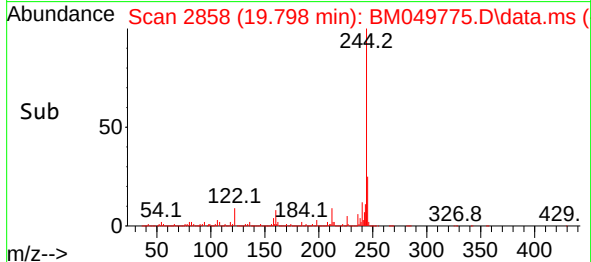
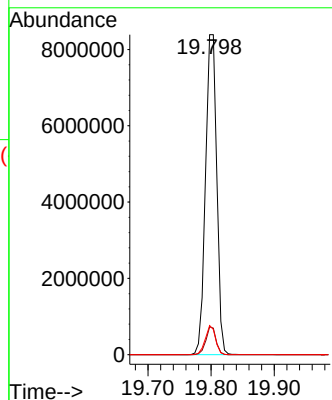
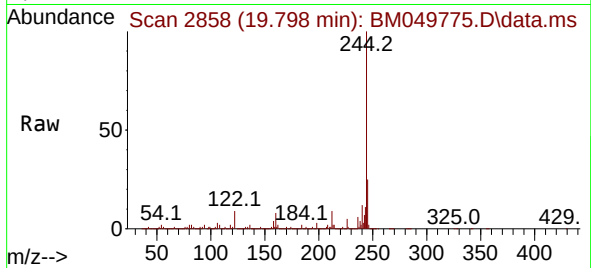




#79
 Terphenyl-d14
 Concen: 148.302 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049775.D
 Acq: 01 Apr 2025 15:30

Instrument :
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Tgt Ion:244 Resp:10360490
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.6#
 122 9.1 6.0 9.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.409 min Scan# 3642
 Delta R.T. -0.030 min
 Lab File: BM049775.D
 Acq: 01 Apr 2025 15:30

Tgt Ion:264 Resp: 881802
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 21.5 18.2 27.2

