

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049801.D
 Acq On : 03 Apr 2025 11:56
 Operator : RC/JU
 Sample : PB167428BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167428BL

Quant Time: Apr 03 12:31:10 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	7.786	152	283407	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	941967	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	561064	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1084607	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	996751	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1050538	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2627553	156.437	ng	-0.02
7) Phenol-d6	6.957	99	3184383	151.073	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1895580	103.318	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1196074	182.564	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	4544232	101.434	ng	-0.02
79) Terphenyl-d14	19.792	244	7619161	128.811	ng	-0.02

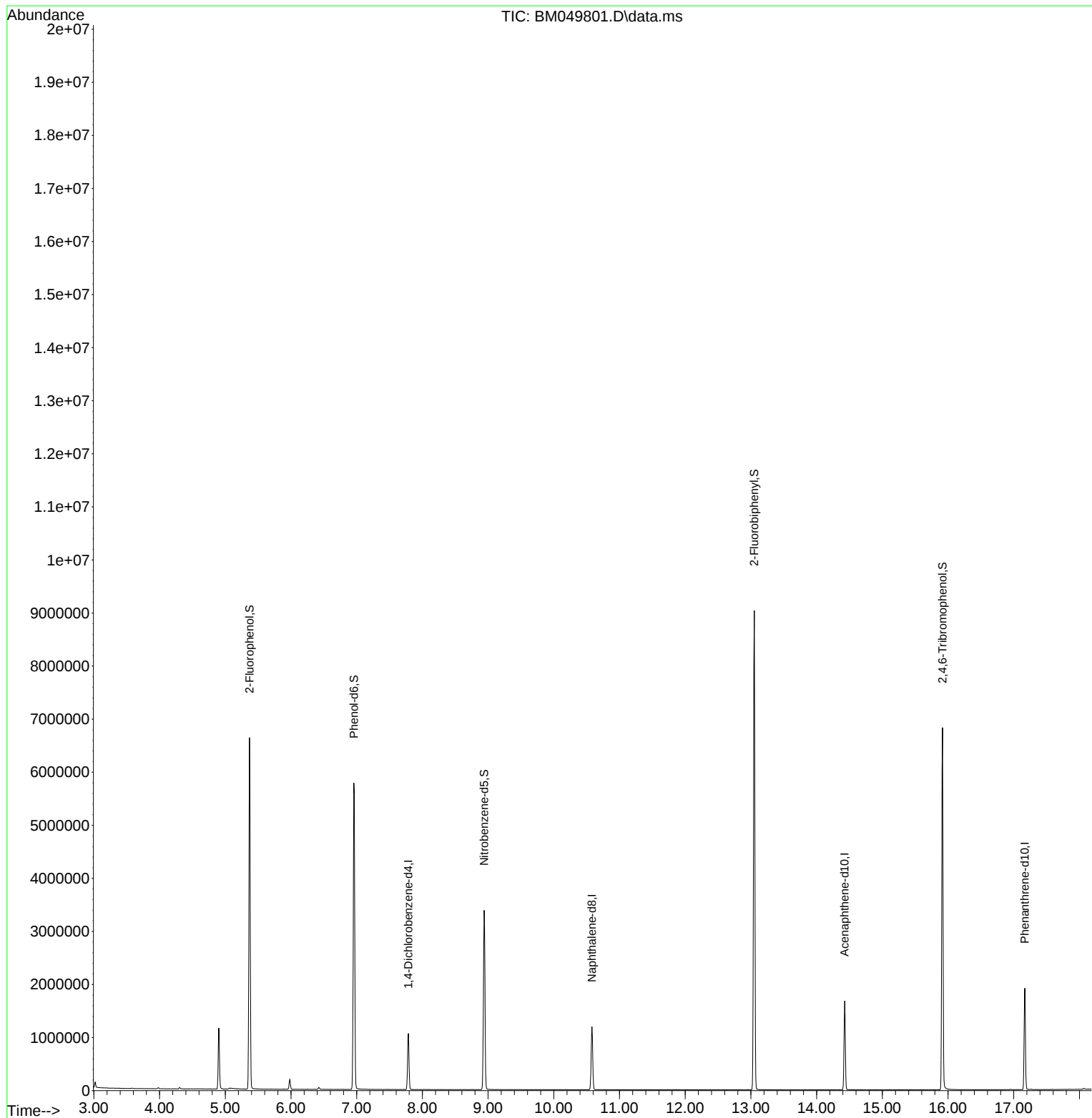
Target Compounds	Qvalue

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

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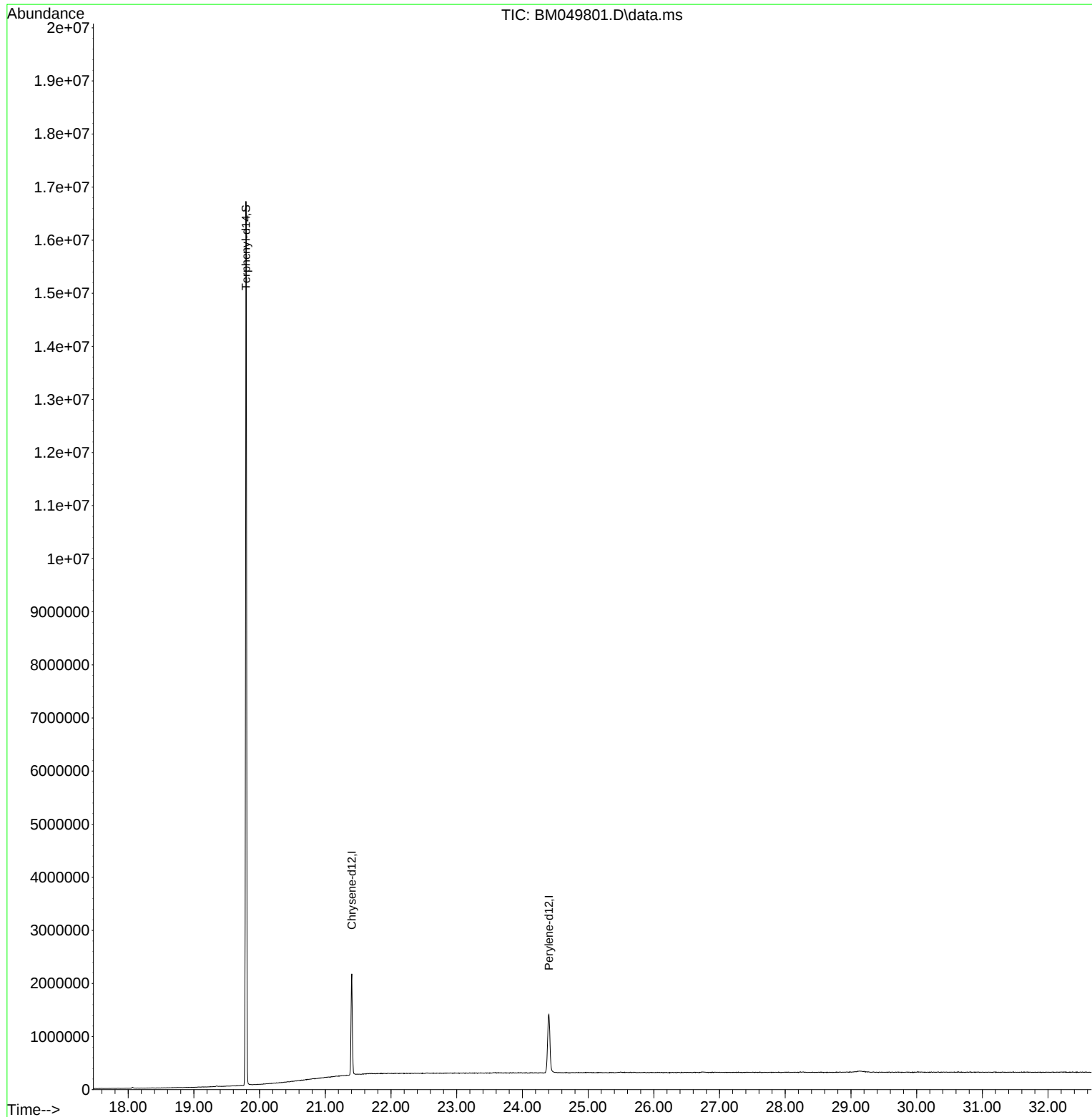
Quant Time: Apr 03 12:31:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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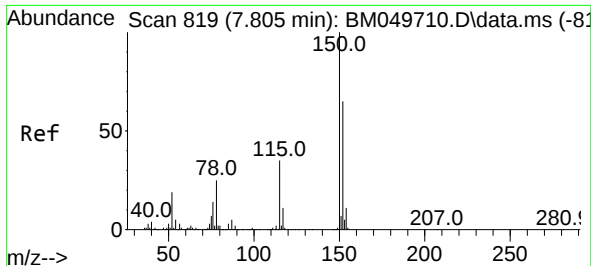


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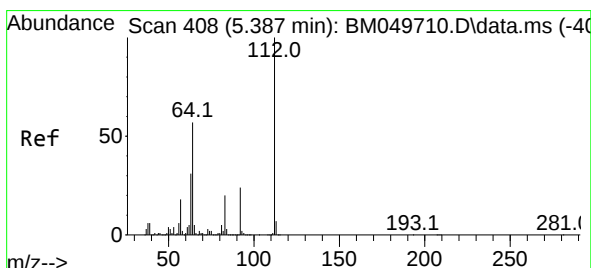
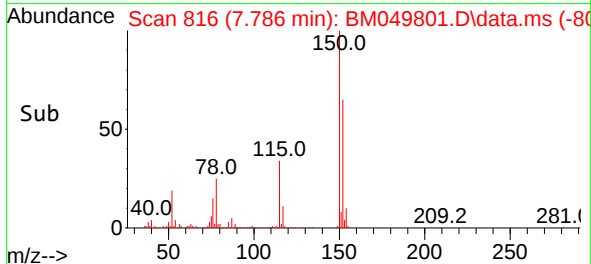
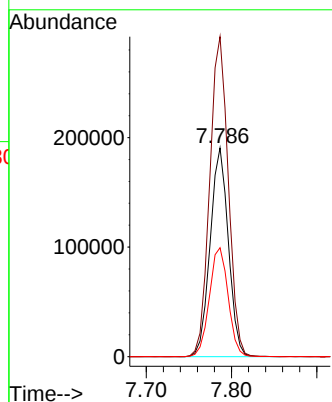
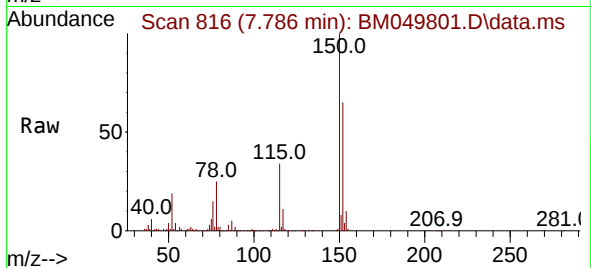




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.786 min Scan# 81
 Delta R.T. -0.019 min
 Lab File: BM049801.D
 Acq: 03 Apr 2025 11:56

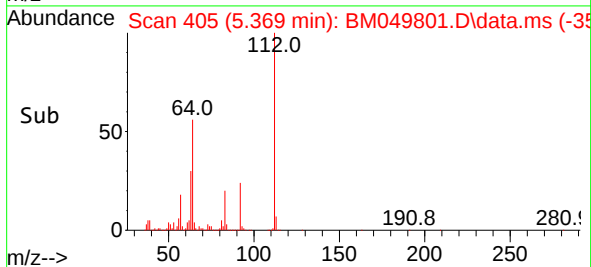
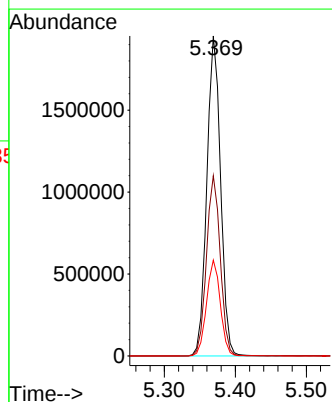
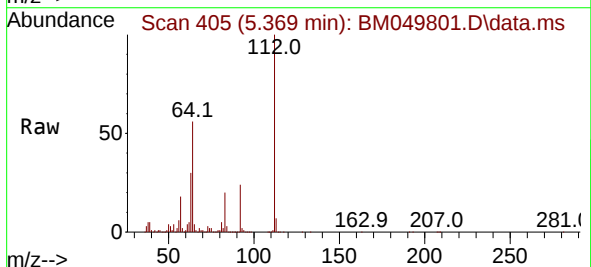
Instrument :
 BNA_M
 ClientSampleId :
 PB167428BL

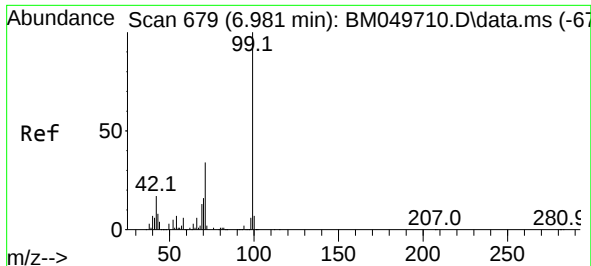
Tgt Ion:152 Resp: 283407
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.8 185.8
 115 52.2 43.0 64.6



#5
 2-Fluorophenol
 Concen: 156.437 ng
 RT: 5.369 min Scan# 405
 Delta R.T. -0.018 min
 Lab File: BM049801.D
 Acq: 03 Apr 2025 11:56

Tgt Ion:112 Resp: 2627553
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.3 67.9
 63 30.0 24.4 36.6

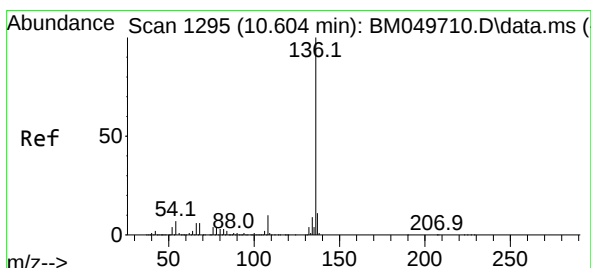
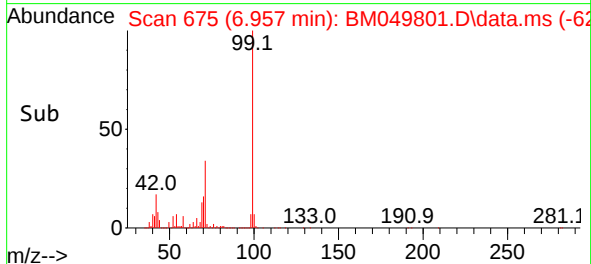
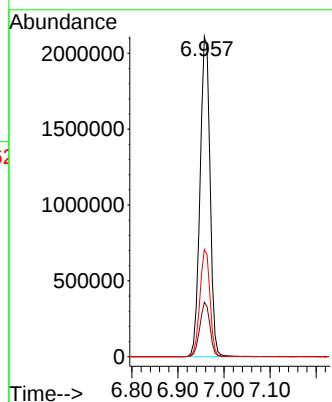
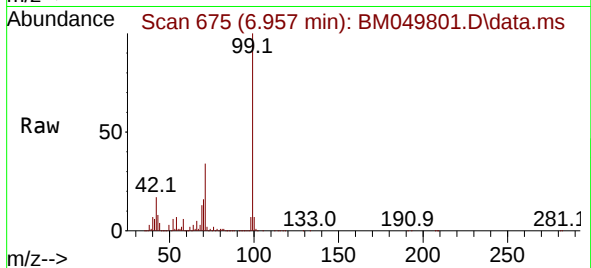




#7
Phenol-d6
Concen: 151.073 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049801.D
Acq: 03 Apr 2025 11:56

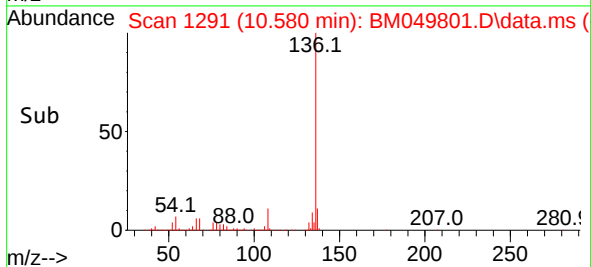
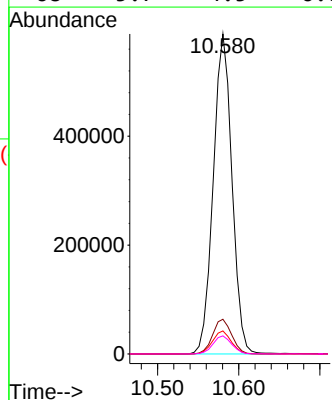
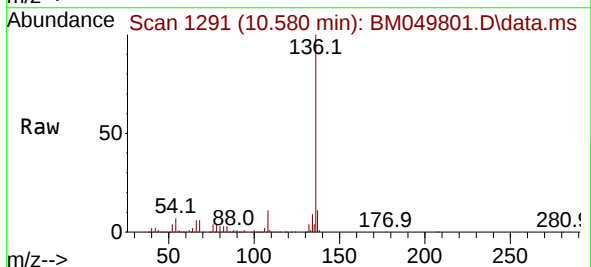
Instrument :
BNA_M
ClientSampleId :
PB167428BL

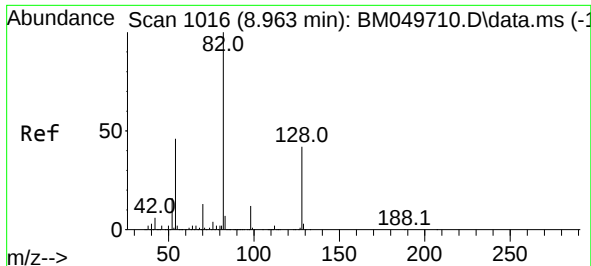
Tgt Ion: 99 Resp: 3184383
Ion Ratio Lower Upper
99 100
42 17.1 13.6 20.4
71 33.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049801.D
Acq: 03 Apr 2025 11:56

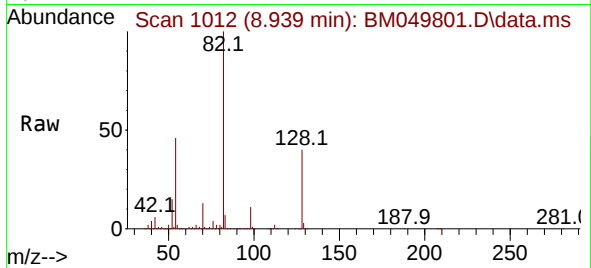
Tgt Ion: 136 Resp: 941967
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.2 5.8 8.8
68 5.7 4.5 6.7



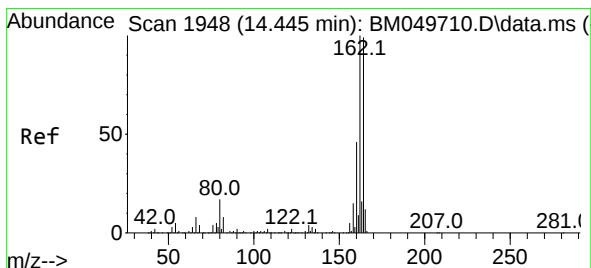
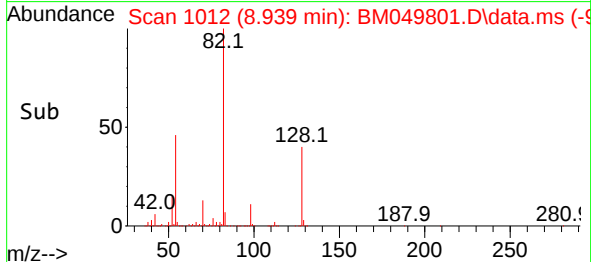
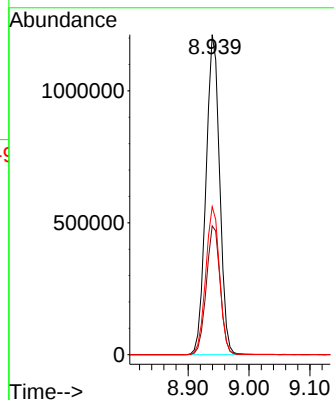


#23
Nitrobenzene-d5
Concen: 103.318 ng
RT: 8.939 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049801.D
Acq: 03 Apr 2025 11:56

Instrument :
BNA_M
ClientSampleId :
PB167428BL

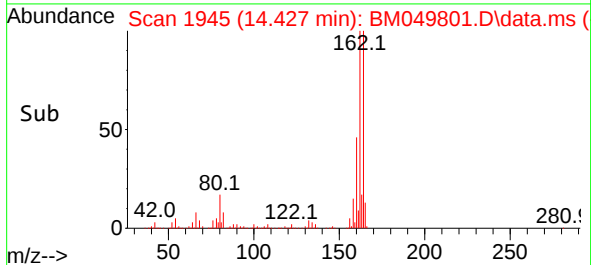
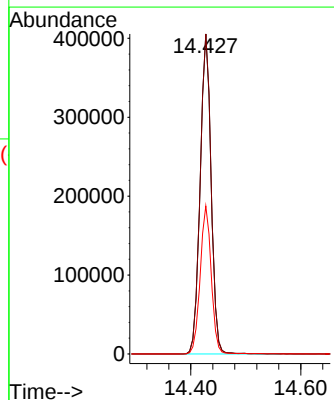
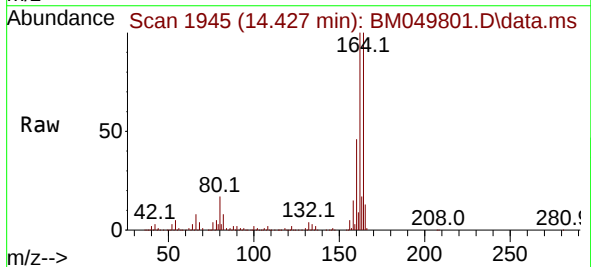


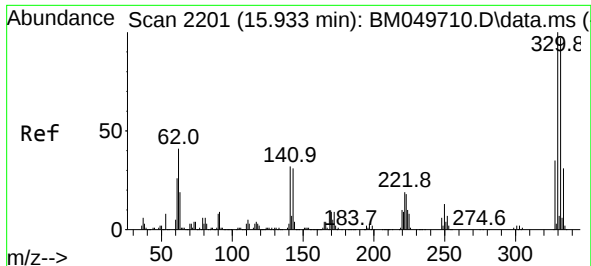
Tgt Ion: 82 Resp: 1895580
Ion Ratio Lower Upper
82 100
128 40.3 33.4 50.0
54 46.3 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049801.D
Acq: 03 Apr 2025 11:56

Tgt Ion:164 Resp: 561064
Ion Ratio Lower Upper
164 100
162 100.0 80.5 120.7
160 46.2 36.9 55.3

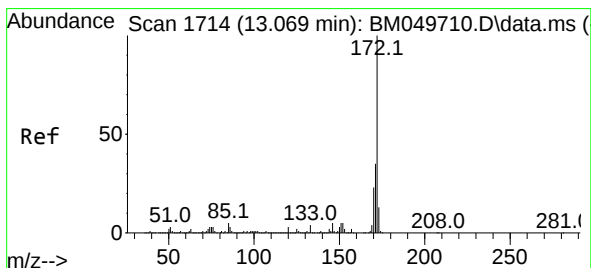
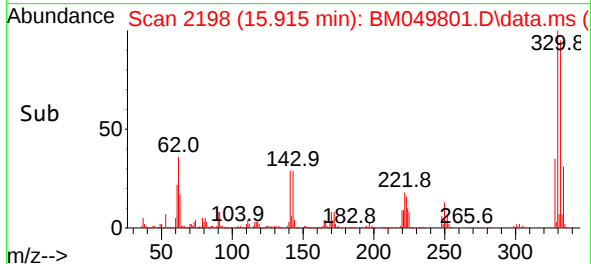
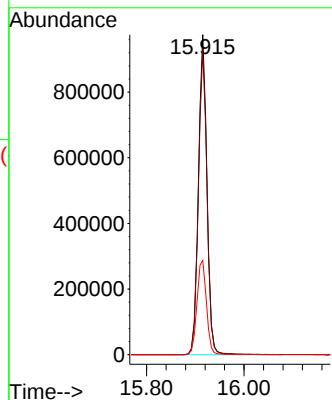
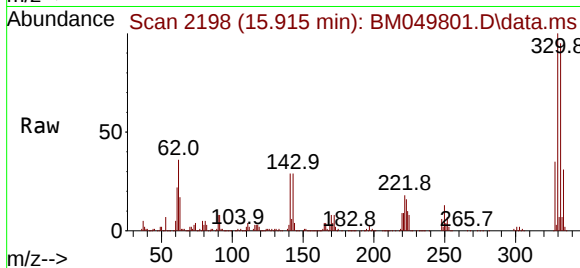




#42
 2,4,6-Tribromophenol
 Concen: 182.564 ng
 RT: 15.915 min Scan# 2198
 Delta R.T. -0.018 min
 Lab File: BM049801.D
 Acq: 03 Apr 2025 11:56

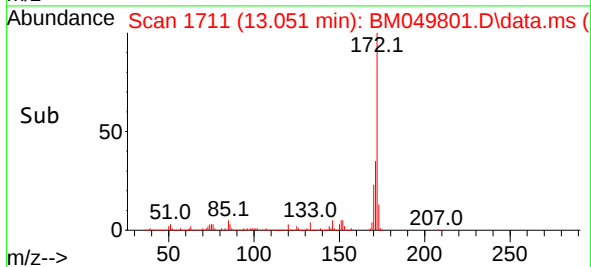
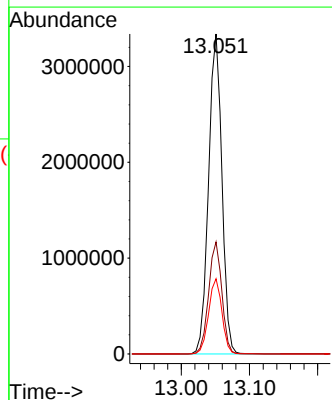
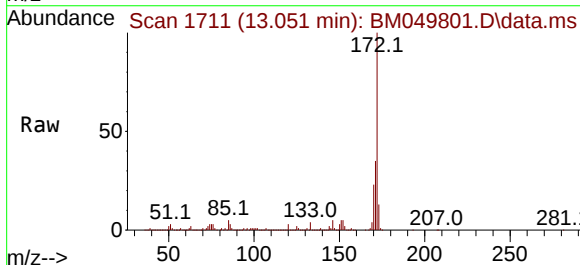
Instrument :
 BNA_M
 ClientSampleId :
 PB167428BL

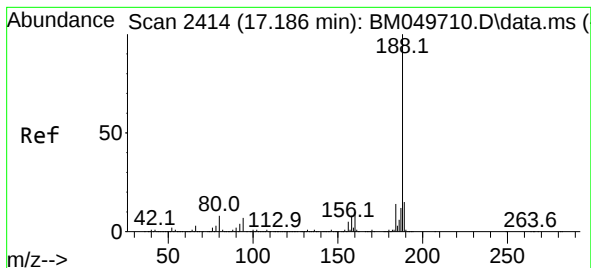
Tgt Ion:330 Resp: 1196074
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.4
 141 32.8 27.8 41.6



#45
 2-Fluorobiphenyl
 Concen: 101.434 ng
 RT: 13.051 min Scan# 1711
 Delta R.T. -0.018 min
 Lab File: BM049801.D
 Acq: 03 Apr 2025 11:56

Tgt Ion:172 Resp: 4544232
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.168 min Scan# 2414

Delta R.T. -0.018 min

Lab File: BM049801.D

Acq: 03 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167428BL

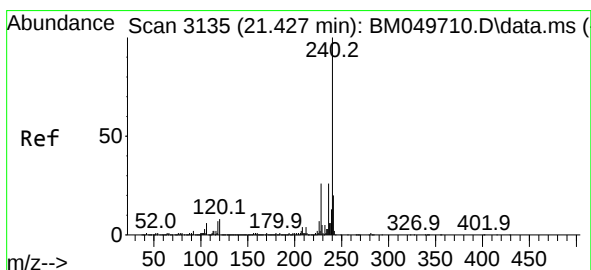
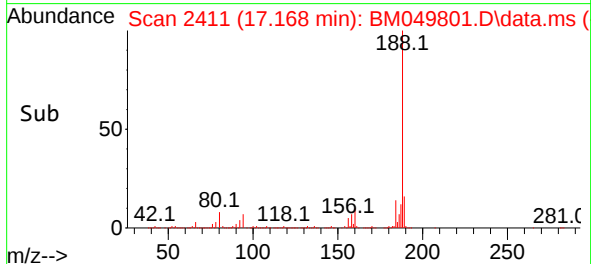
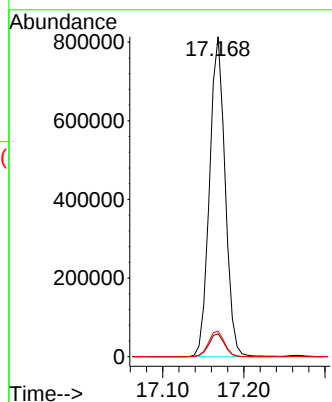
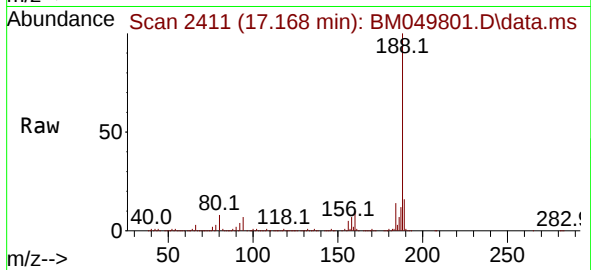
Tgt Ion:188 Resp: 1084607

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 8.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. -0.024 min

Lab File: BM049801.D

Acq: 03 Apr 2025 11:56

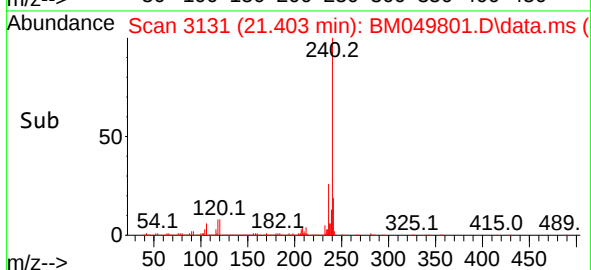
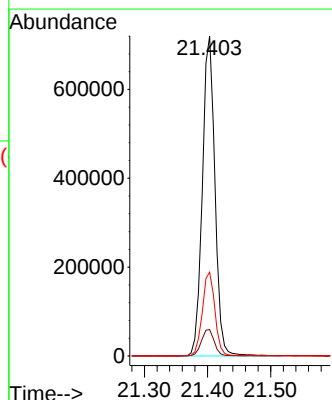
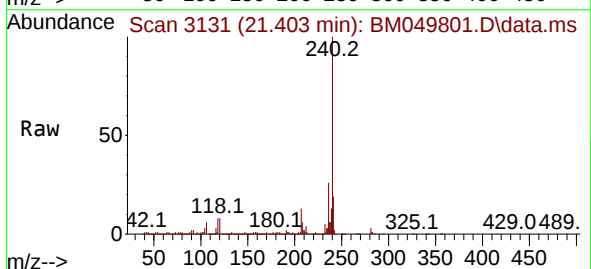
Tgt Ion:240 Resp: 996751

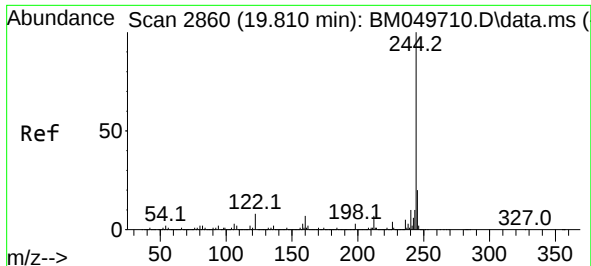
Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 26.2 20.7 31.1

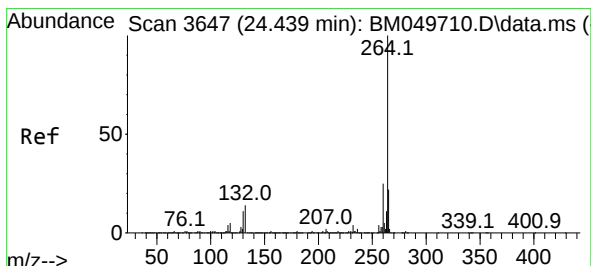
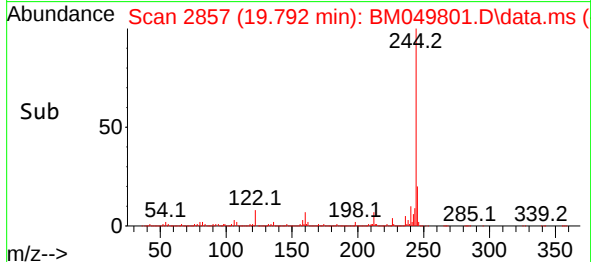
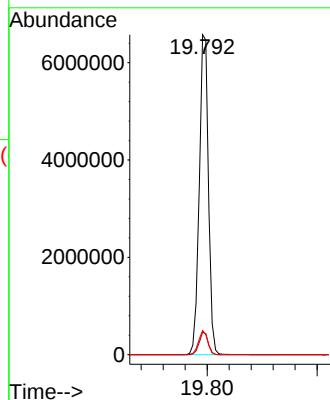
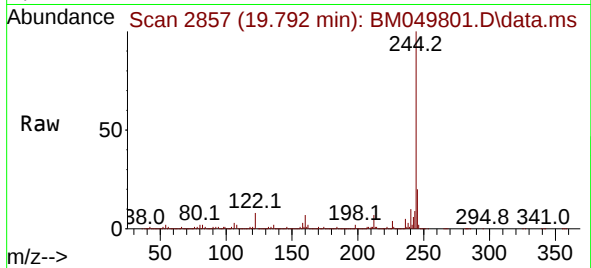




#79
 Terphenyl-d14
 Concen: 128.811 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049801.D
 Acq: 03 Apr 2025 11:56

Instrument :
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 ClientSampleId :
 PB167428BL

Tgt Ion:244 Resp: 7619161
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 7.6 6.0 9.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. -0.036 min
 Lab File: BM049801.D
 Acq: 03 Apr 2025 11:56

Tgt Ion:264 Resp: 1050538
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.8 18.2 27.2

