

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040825\
 Data File : BM049857.D
 Acq On : 08 Apr 2025 21:26
 Operator : RC/JU
 Sample : PB167380BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167474BL

Quant Time: Apr 09 04:27:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

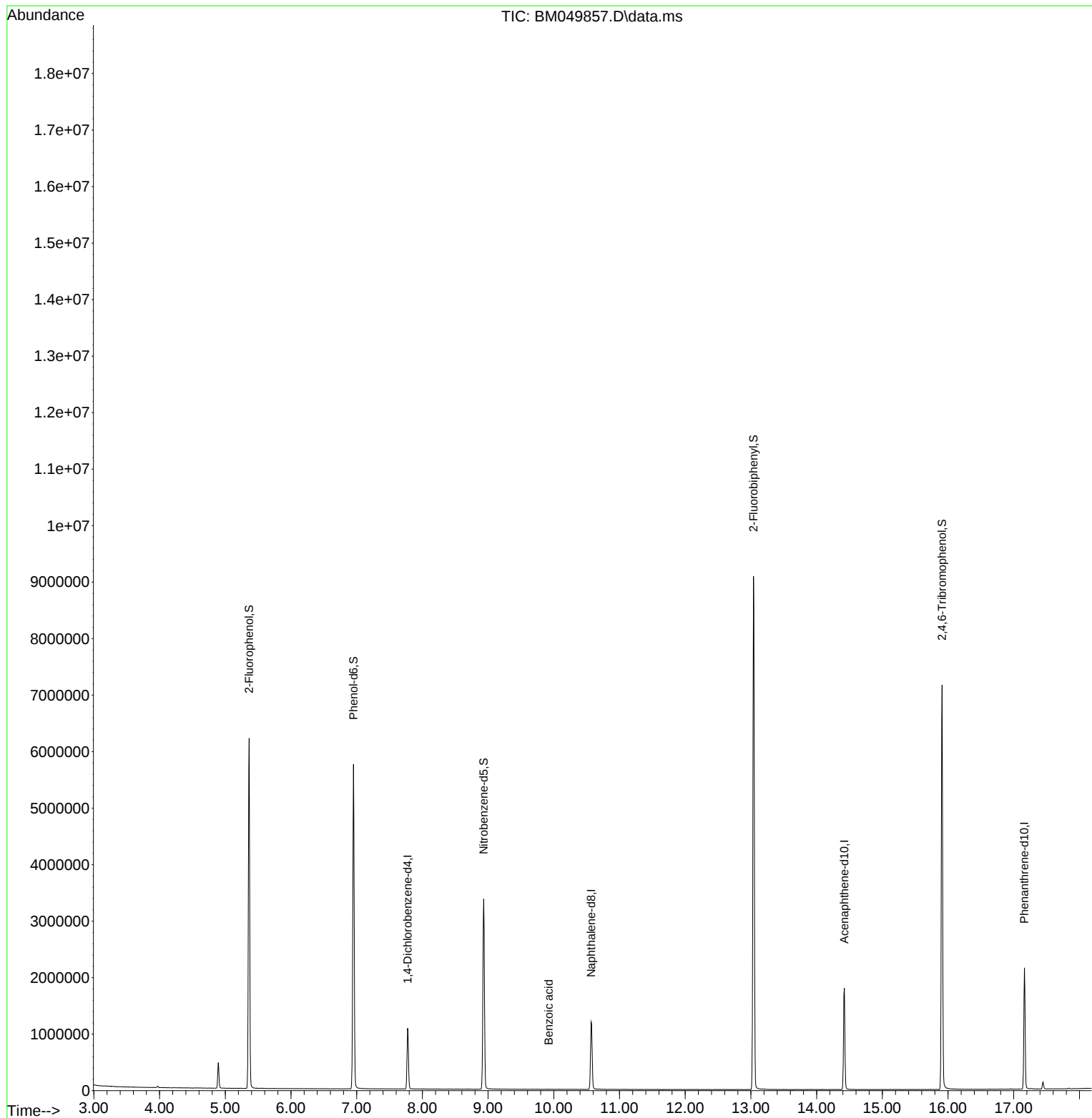
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	315848	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1057569	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	664763	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1261488	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1176703	20.000	ng	0.00
86) Perylene-d12	24.397	264	1260806	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2755311	148.132	ng	0.00
7) Phenol-d6	6.951	99	3274704	141.503	ng	0.00
23) Nitrobenzene-d5	8.933	82	1942626	102.287	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1458860	150.877	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	5020933	102.419	ng	0.00
79) Terphenyl-d14	19.792	244	7780936	123.921	ng	0.00
Target Compounds						
32) Benzoic acid	9.922	122	131	8.546	ng	Qvalue # 38

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

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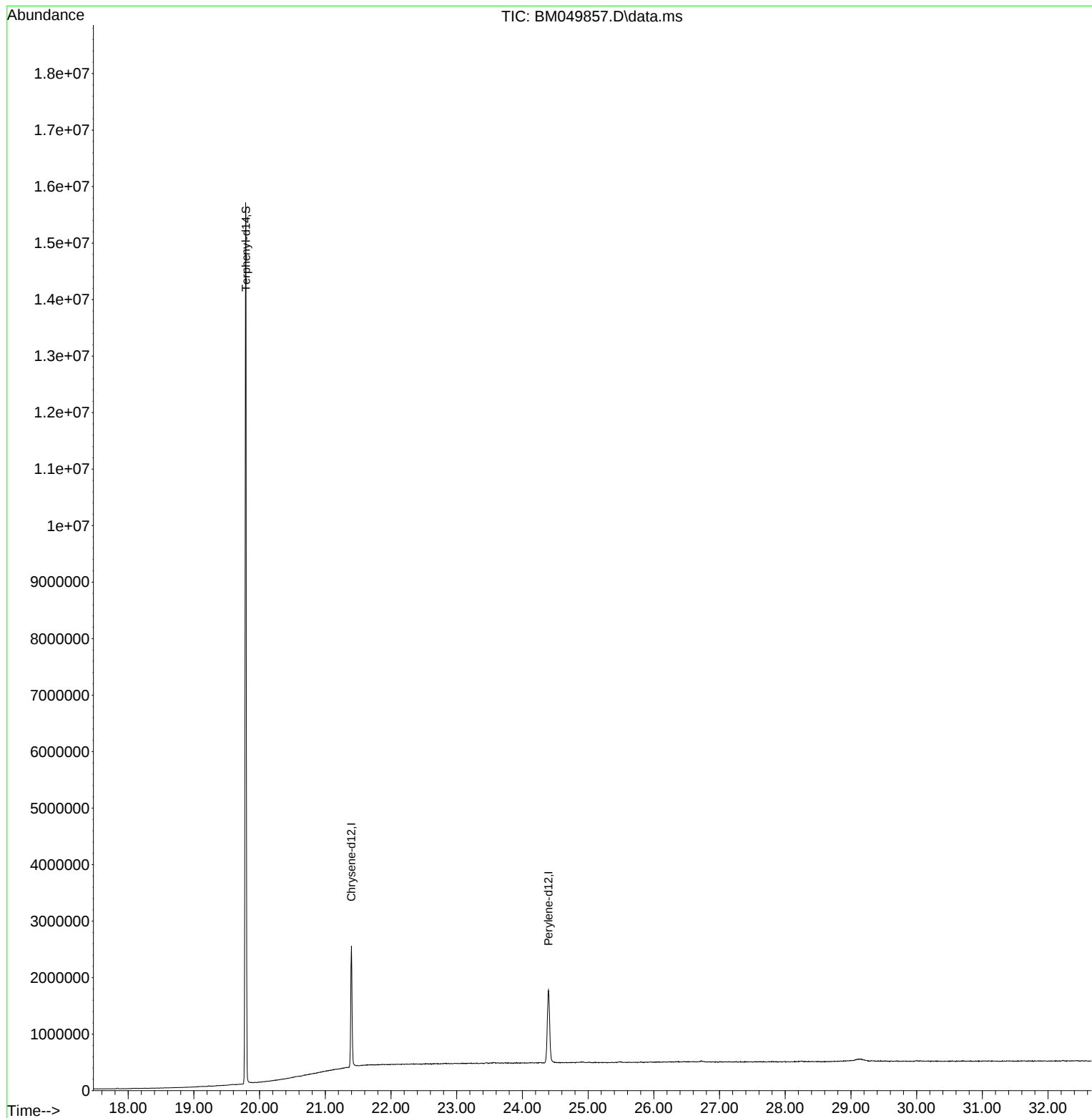
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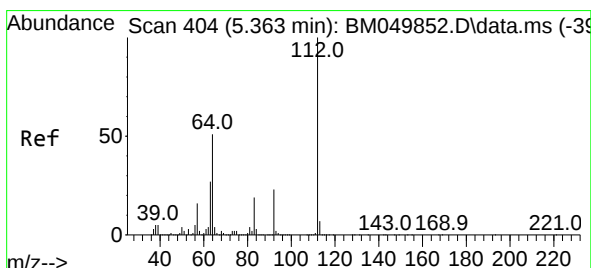
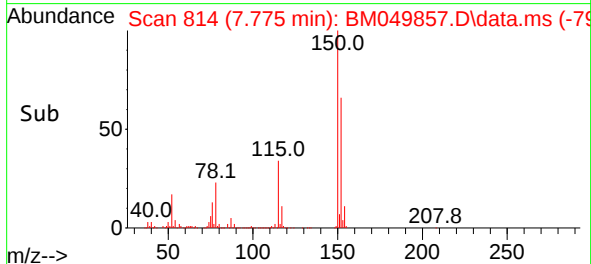
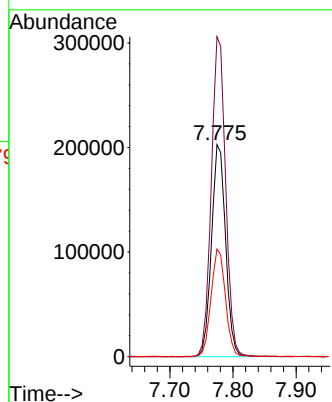
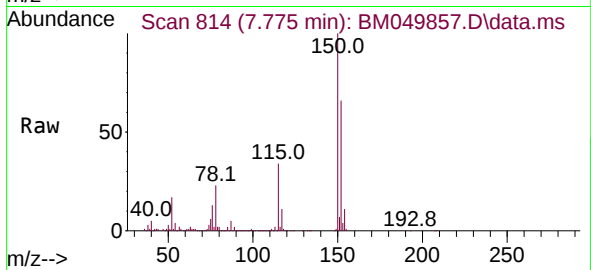




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049857.D
Acq: 08 Apr 2025 21:26

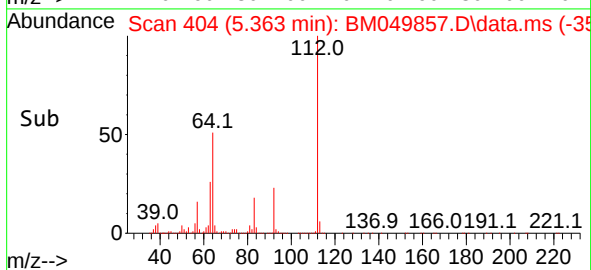
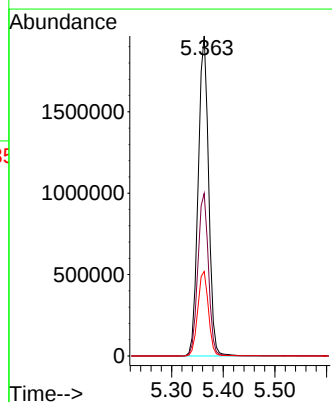
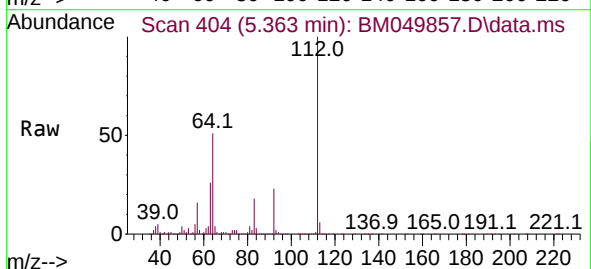
Instrument :
BNA_M
ClientSampleId :
PB167474BL

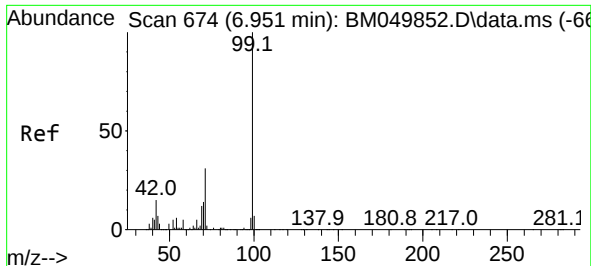
Tgt Ion:152 Resp: 315848
Ion Ratio Lower Upper
152 100
150 150.9 124.3 186.5
115 50.8 41.1 61.7



#5
2-Fluorophenol
Concen: 148.132 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049857.D
Acq: 08 Apr 2025 21:26

Tgt Ion:112 Resp: 2755311
Ion Ratio Lower Upper
112 100
64 50.8 41.0 61.6
63 26.4 21.5 32.3

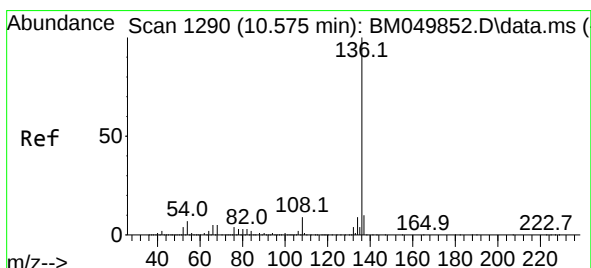
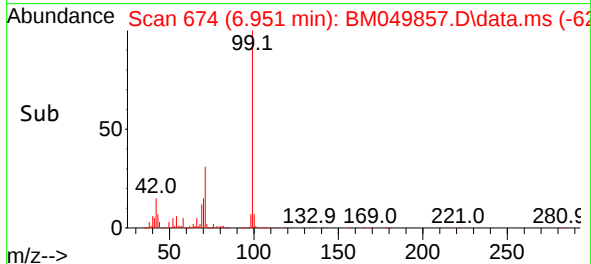
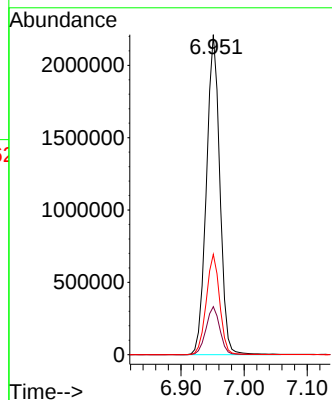
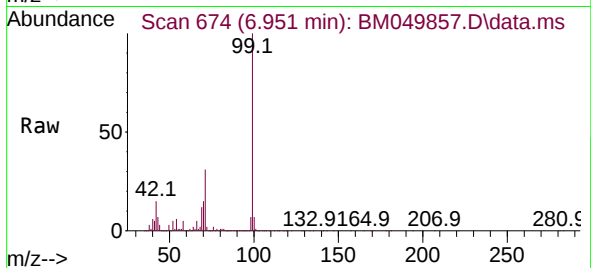




#7
Phenol-d6
Concen: 141.503 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049857.D
Acq: 08 Apr 2025 21:26

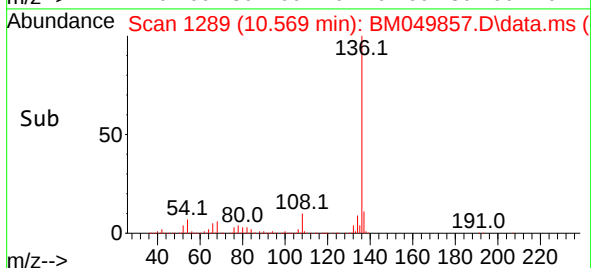
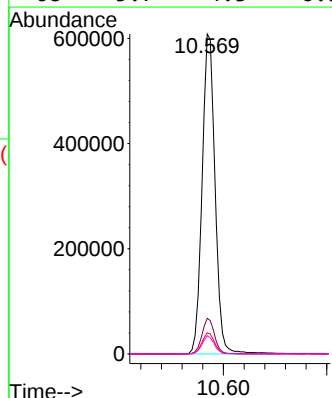
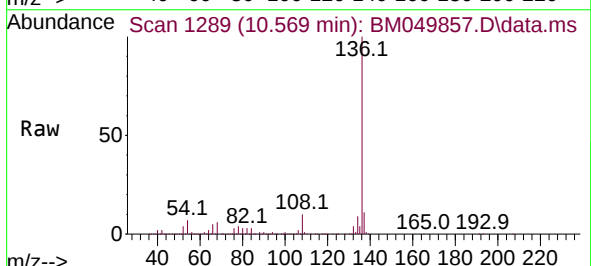
Instrument :
BNA_M
ClientSampleId :
PB167474BL

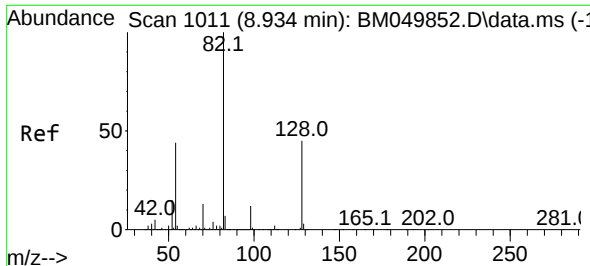
Tgt Ion: 99 Resp: 3274704
Ion Ratio Lower Upper
99 100
42 15.0 12.1 18.1
71 31.4 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049857.D
Acq: 08 Apr 2025 21:26

Tgt Ion: 136 Resp: 1057569
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.6 5.3 7.9
68 5.7 4.3 6.5

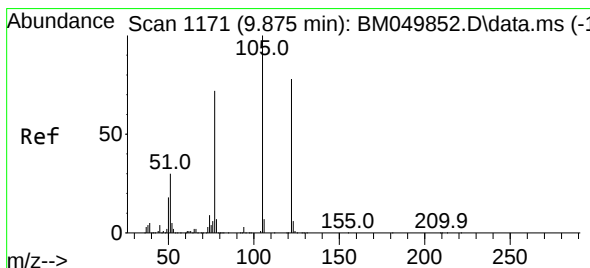
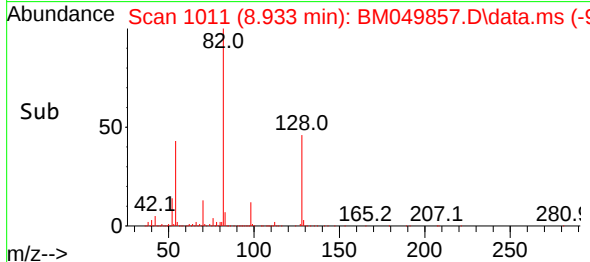
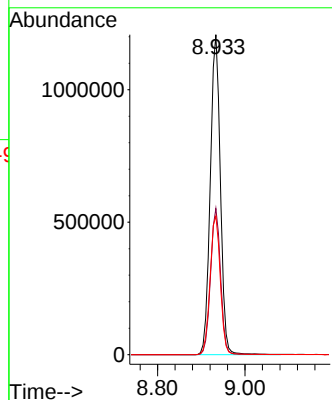
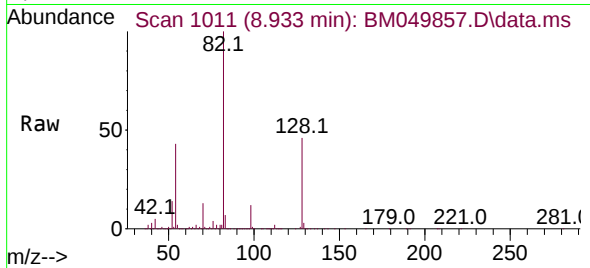




#23
Nitrobenzene-d5
Concen: 102.287 ng
RT: 8.933 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM049857.D
Acq: 08 Apr 2025 21:26

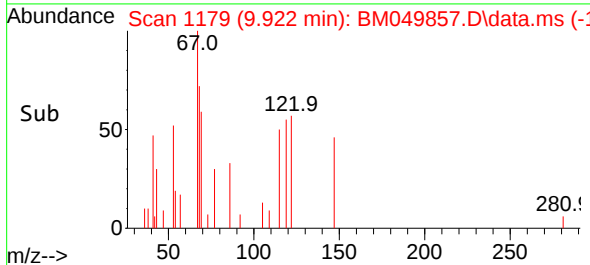
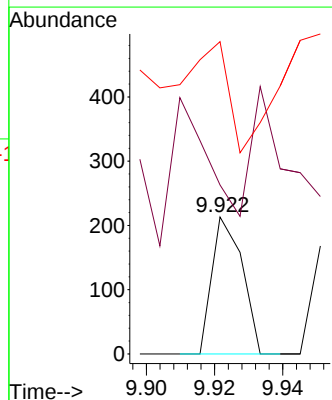
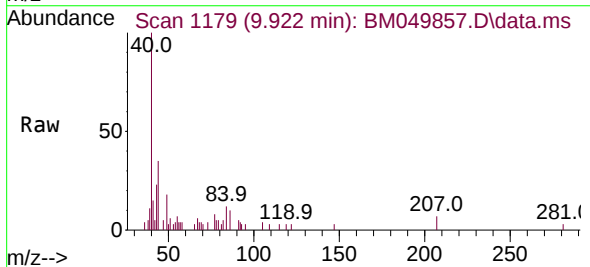
Instrument :
BNA_M
ClientSampleId :
PB167474BL

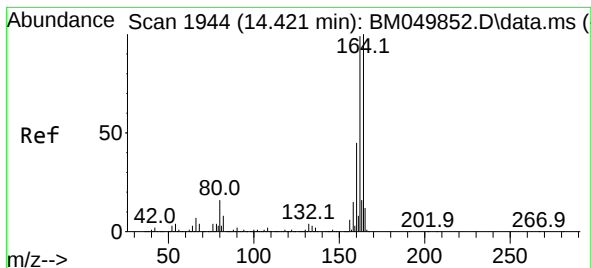
Tgt Ion: 82 Resp: 1942626
Ion Ratio Lower Upper
82 100
128 45.7 36.2 54.2
54 43.3 35.0 52.6



#32
Benzoic acid
Concen: 8.546 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.047 min
Lab File: BM049857.D
Acq: 08 Apr 2025 21:26

Tgt Ion:122 Resp: 131
Ion Ratio Lower Upper
122 100
105 123.5 103.8 143.8
77 228.2 70.7 110.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.421 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BM049857.D

Acq: 08 Apr 2025 21:26

Instrument :

BNA_M

ClientSampleId :

PB167474BL

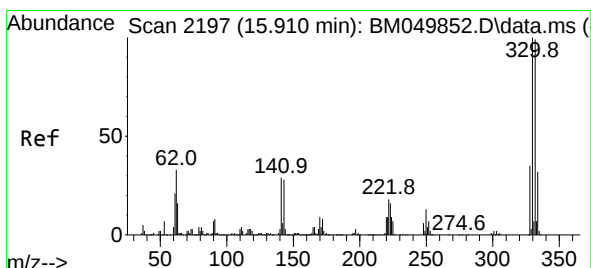
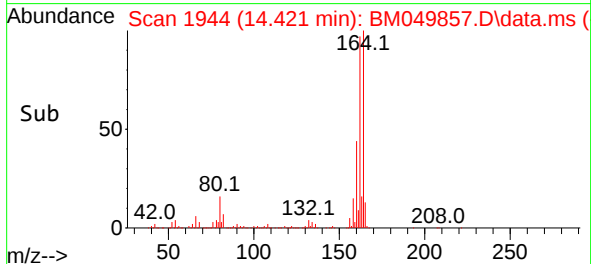
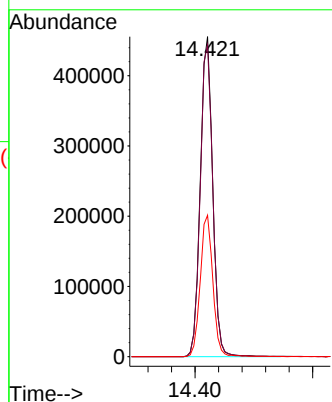
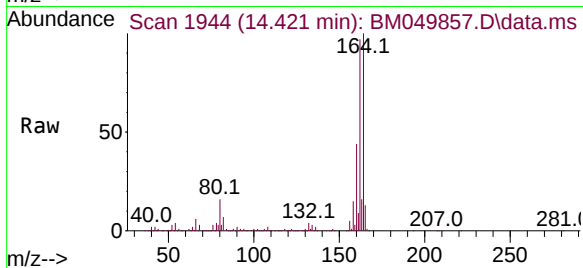
Tgt Ion:164 Resp: 664763

Ion Ratio Lower Upper

164 100

162 97.5 79.4 119.0

160 44.2 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 150.877 ng

RT: 15.909 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BM049857.D

Acq: 08 Apr 2025 21:26

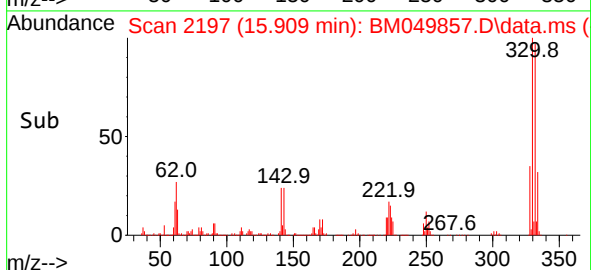
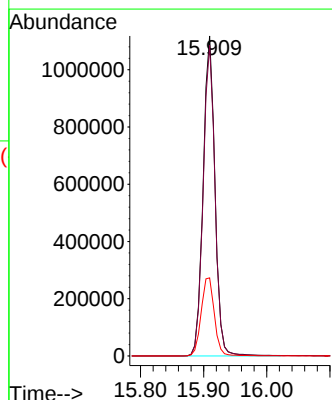
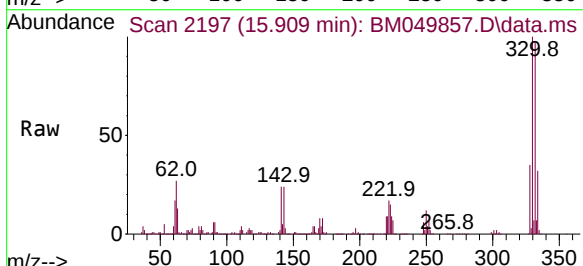
Tgt Ion:330 Resp: 1458860

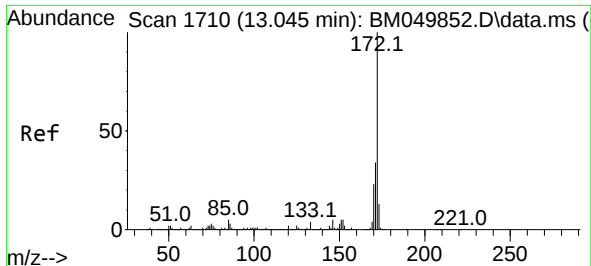
Ion Ratio Lower Upper

330 100

332 97.5 78.0 117.0

141 27.3 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 102.419 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049857.D

Acq: 08 Apr 2025 21:26

Instrument :

BNA_M

ClientSampleId :

PB167474BL

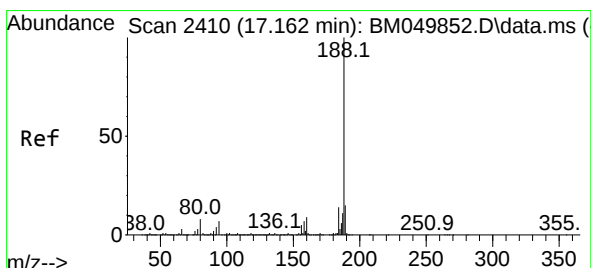
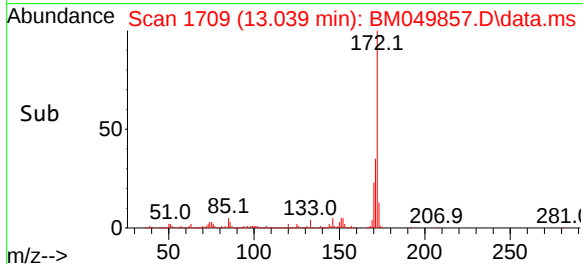
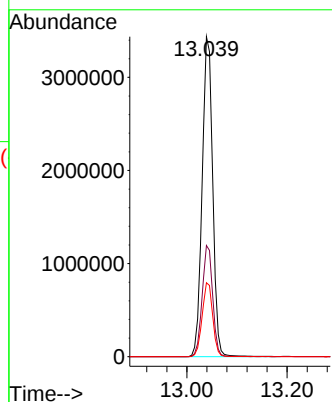
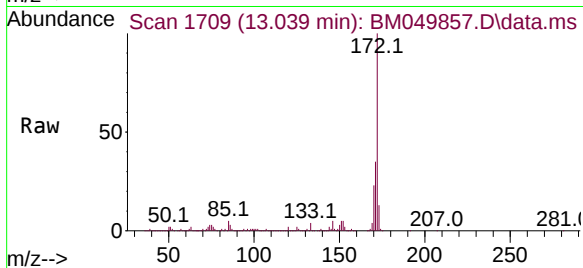
Tgt Ion:172 Resp: 5020933

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.2

170 23.1 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BM049857.D

Acq: 08 Apr 2025 21:26

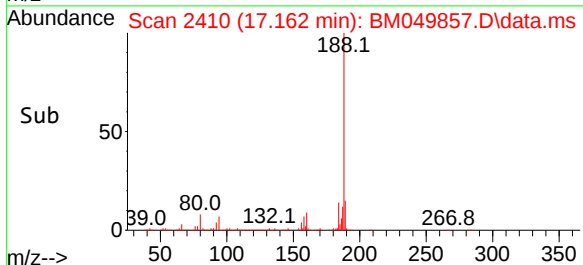
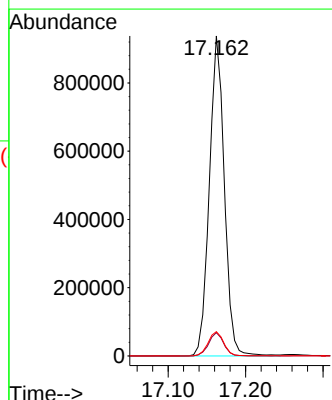
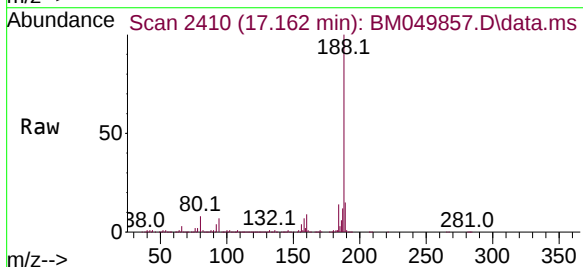
Tgt Ion:188 Resp: 1261488

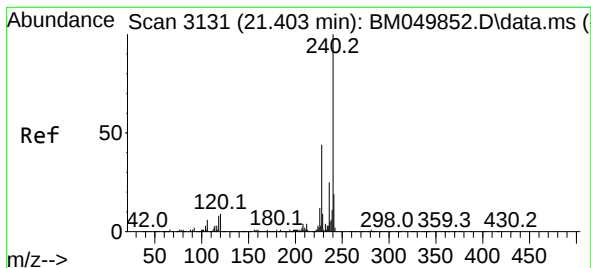
Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 7.6 6.4 9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049857.D

Acq: 08 Apr 2025 21:26

Instrument :

BNA_M

ClientSampleId :

PB167474BL

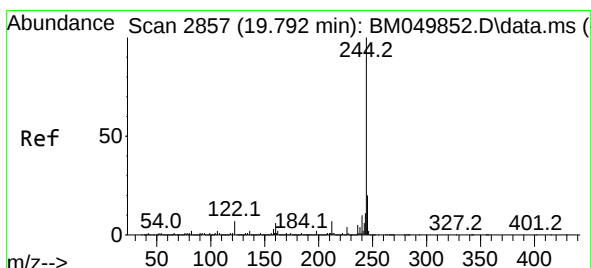
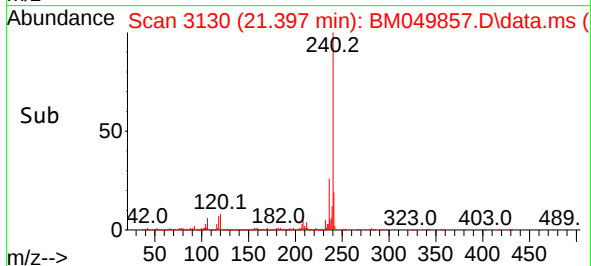
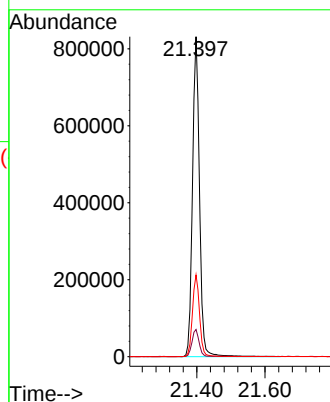
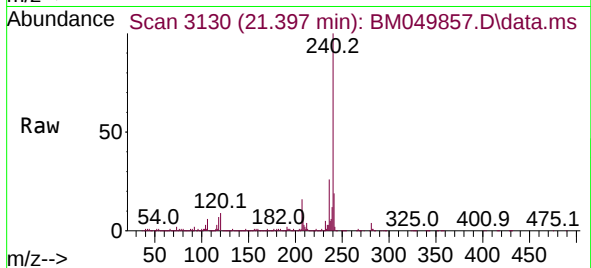
Tgt Ion:240 Resp: 1176703

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 123.921 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.000 min

Lab File: BM049857.D

Acq: 08 Apr 2025 21:26

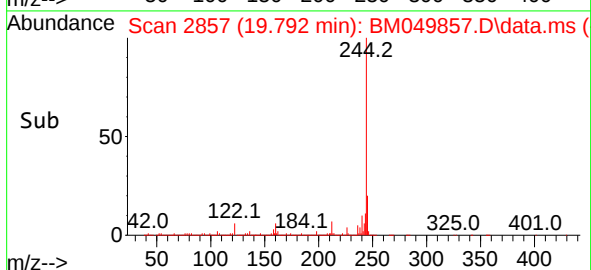
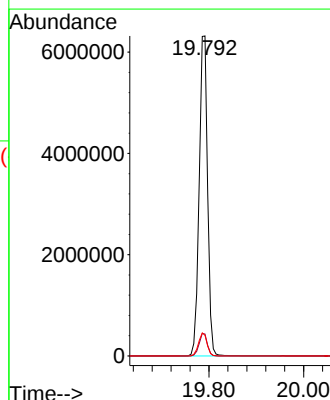
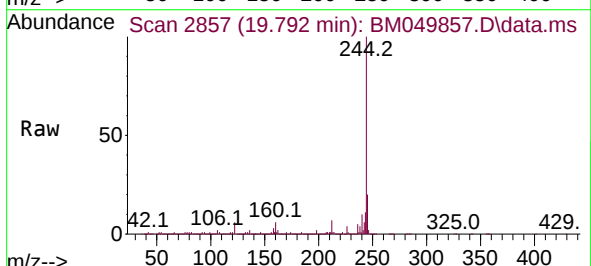
Tgt Ion:244 Resp: 7780936

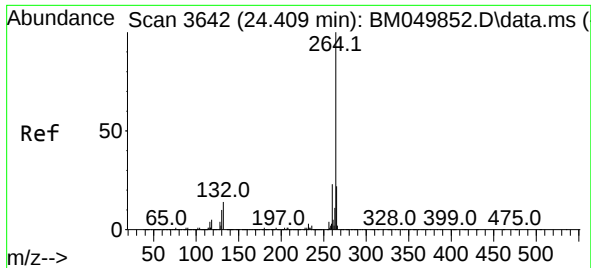
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 6.4 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BM049857.D
 Acq: 08 Apr 2025 21:26

Instrument :
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Tgt Ion:264 Resp: 1260806
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.5 17.8 26.8

