

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
 Data File : BM049877.D
 Acq On : 10 Apr 2025 10:11
 Operator : RC/JU
 Sample : PB167509BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167509BL

Quant Time: Apr 10 11:29:47 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	304918	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1031962	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	649646	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1225291	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1173504	20.000	ng	0.00
86) Perylene-d12	24.397	264	1306478	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2483463	138.303	ng	0.00
7) Phenol-d6	6.951	99	2987822	133.735	ng	0.00
23) Nitrobenzene-d5	8.933	82	1768989	95.456	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1378609	145.895	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4613403	96.296	ng	0.00
79) Terphenyl-d14	19.786	244	7034521	112.339	ng	0.00

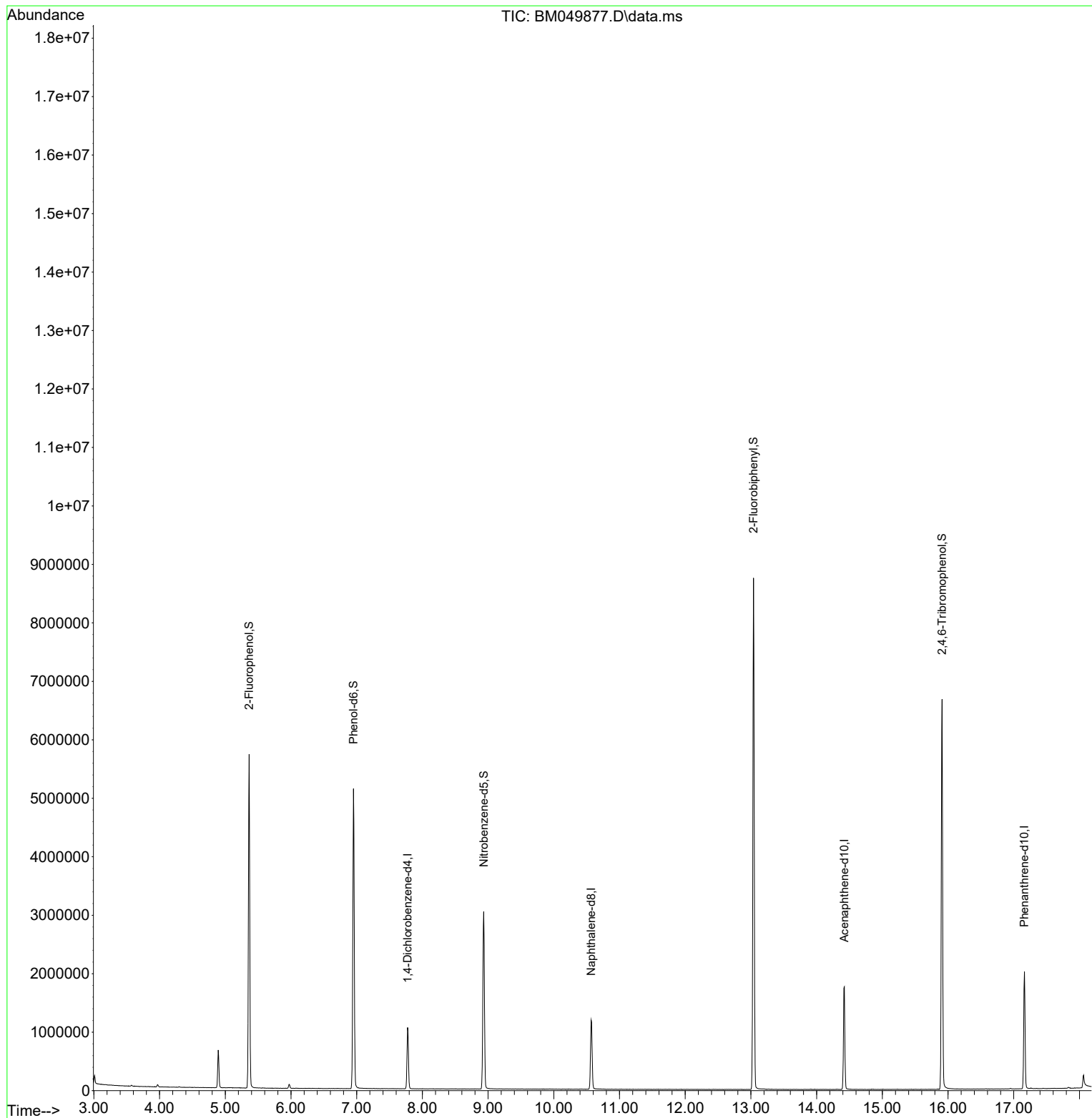
Target Compounds	Qvalue

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

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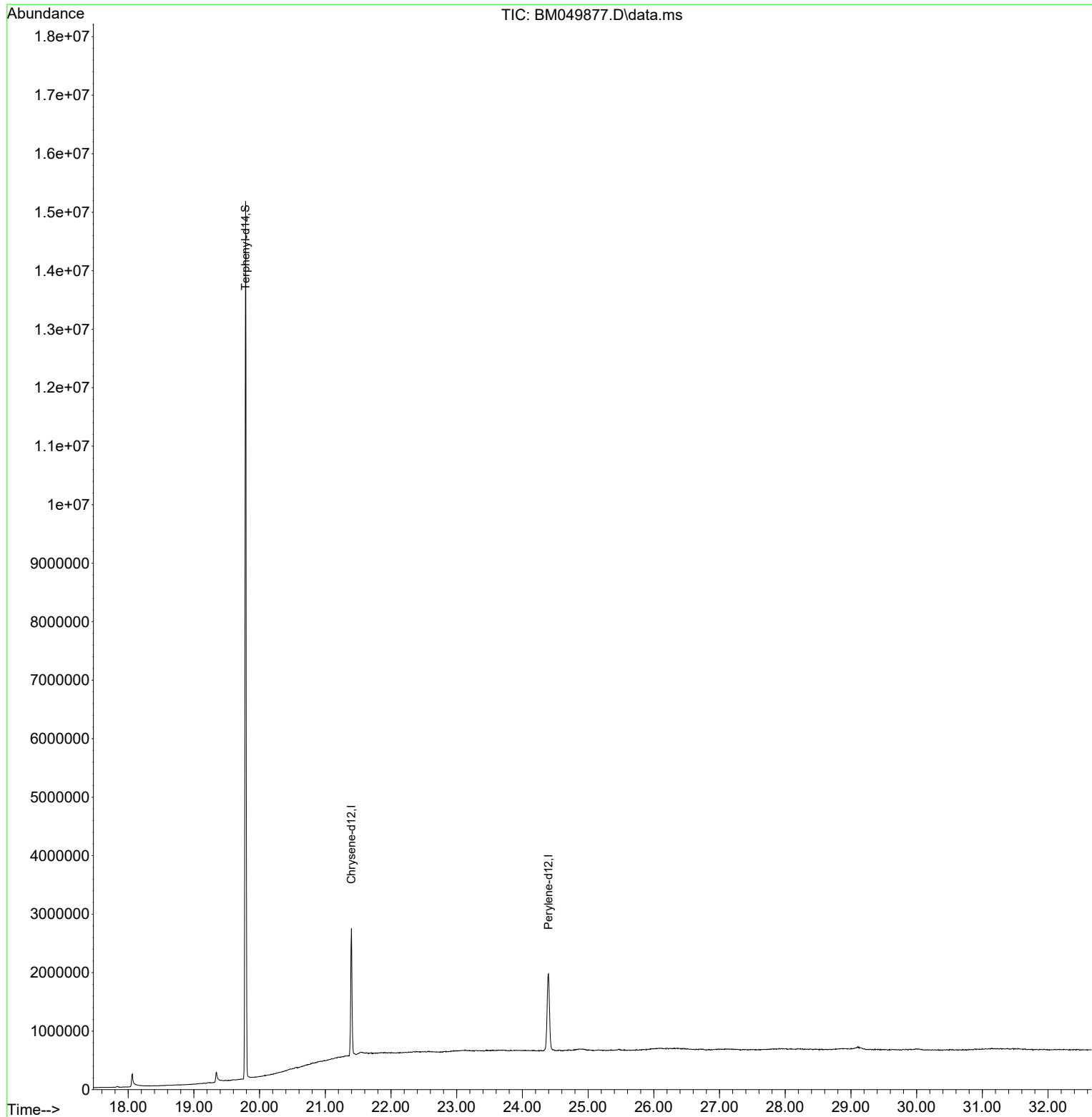
Quant Time: Apr 10 11:29:47 2025
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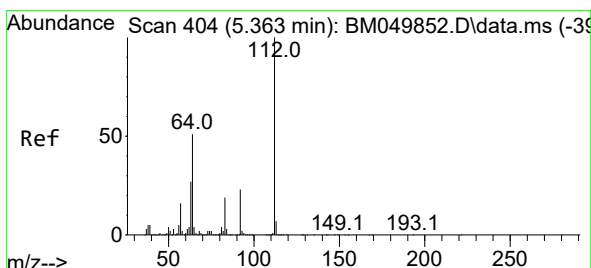
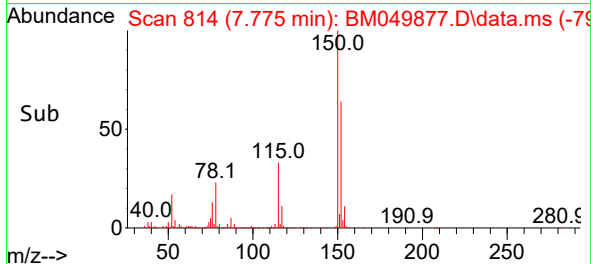
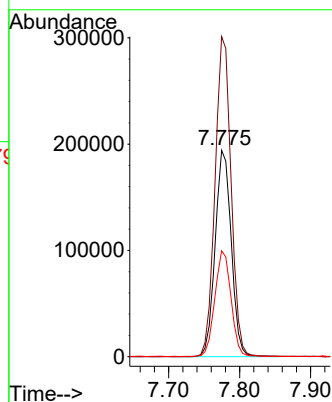
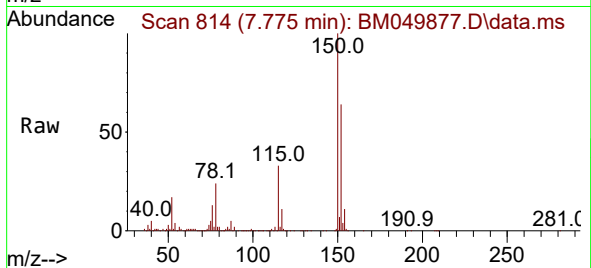




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049877.D
Acq: 10 Apr 2025 10:11

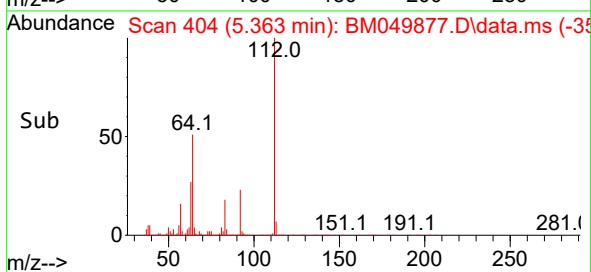
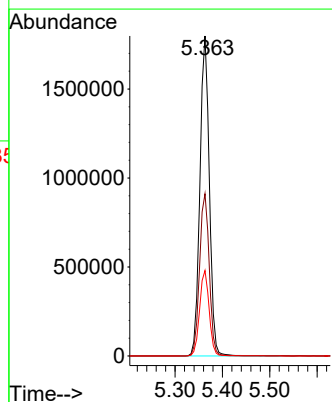
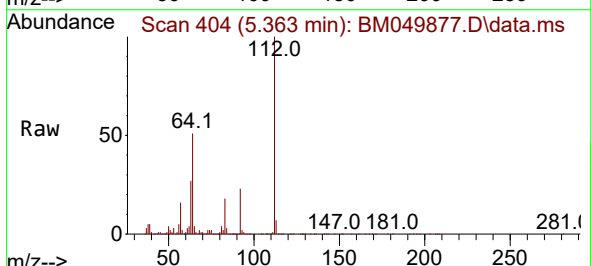
Instrument :
BNA_M
ClientSampleId :
PB167509BL

Tgt Ion:152 Resp: 304918
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 51.3 41.1 61.7



#5
2-Fluorophenol
Concen: 138.303 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049877.D
Acq: 10 Apr 2025 10:11

Tgt Ion:112 Resp: 2483463
Ion Ratio Lower Upper
112 100
64 50.7 41.0 61.6
63 26.7 21.5 32.3



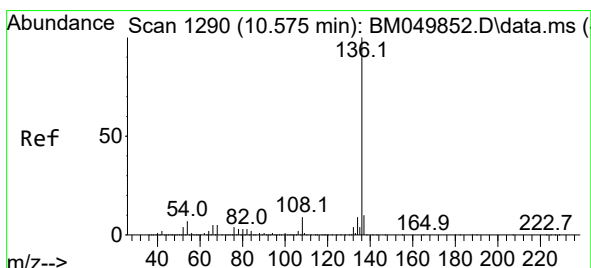
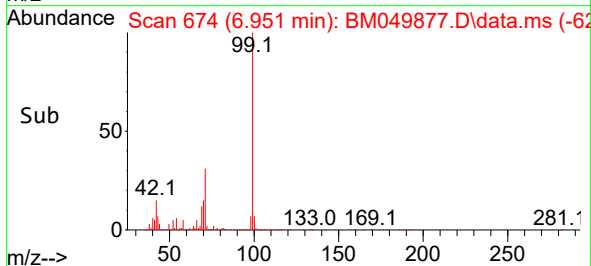
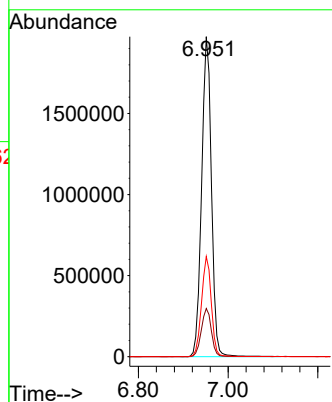
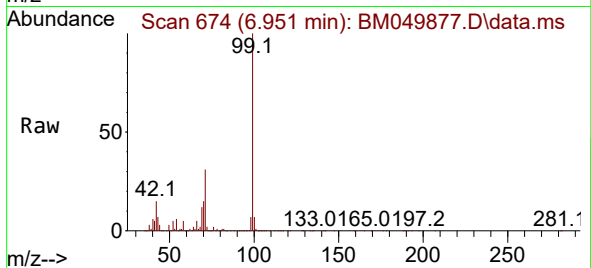


#7
Phenol-d6
Concen: 133.735 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049877.D
Acq: 10 Apr 2025 10:11

Instrument :
BNA_M
ClientSampleId :
PB167509BL

Tgt Ion: 99 Resp: 2987822

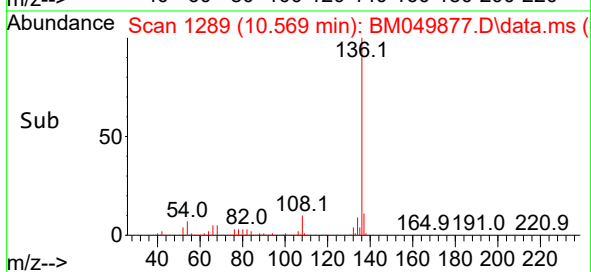
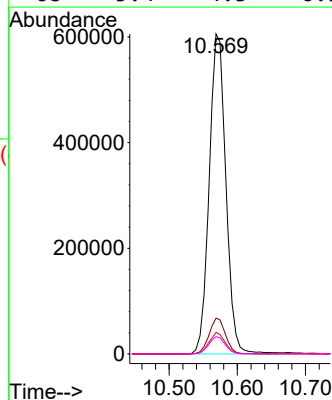
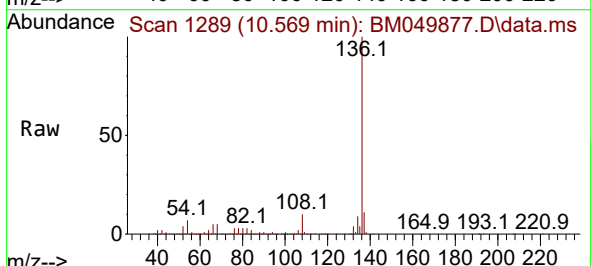
Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.1	18.1
71	31.3	24.9	37.3

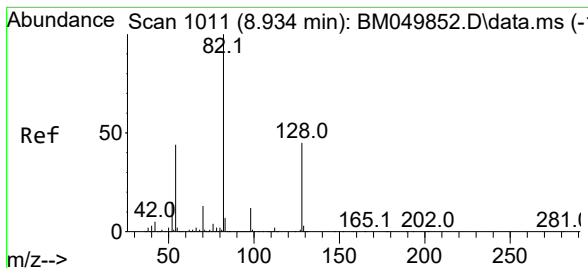


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049877.D
Acq: 10 Apr 2025 10:11

Tgt Ion: 136 Resp: 1031962

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.8	5.3	7.9
68	5.4	4.3	6.5

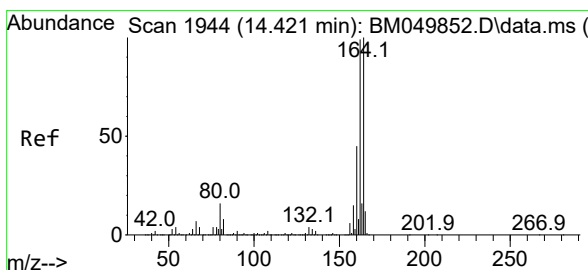
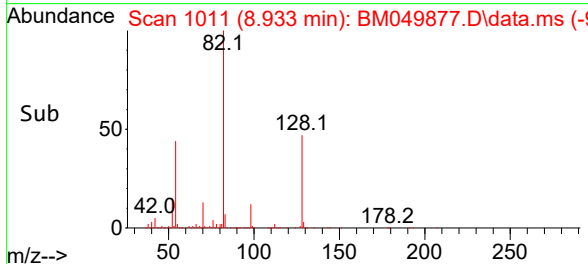
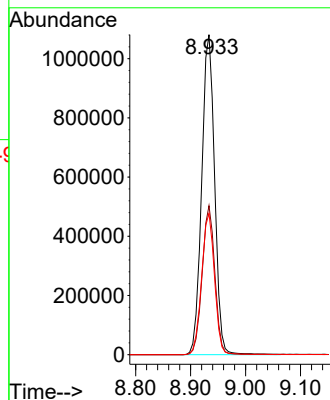
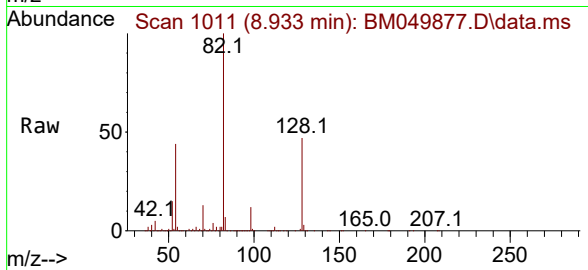




#23
Nitrobenzene-d5
Concen: 95.456 ng
RT: 8.933 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM049877.D
Acq: 10 Apr 2025 10:11

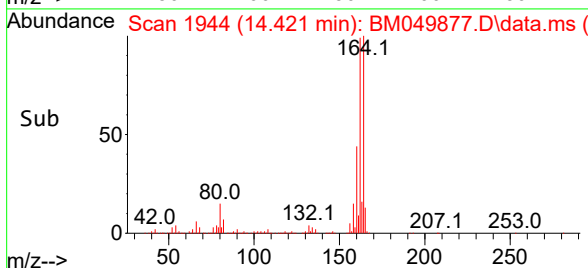
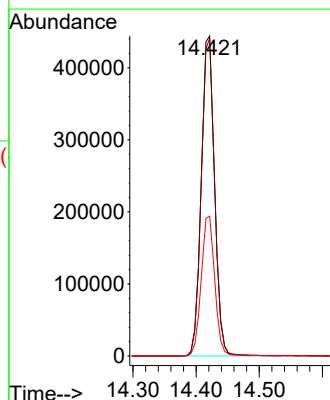
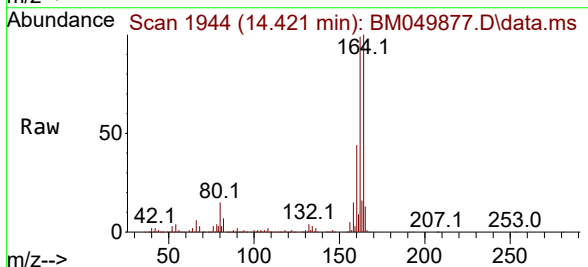
Instrument :
BNA_M
ClientSampleId :
PB167509BL

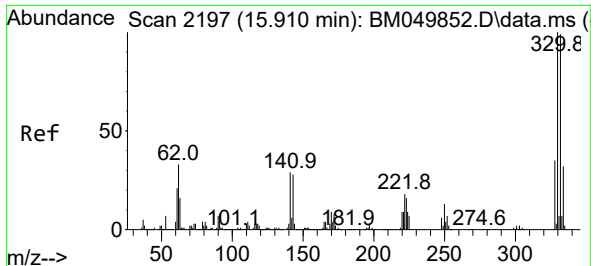
Tgt Ion: 82 Resp: 1768989
Ion Ratio Lower Upper
82 100
128 46.6 36.2 54.2
54 44.1 35.0 52.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.421 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM049877.D
Acq: 10 Apr 2025 10:11

Tgt Ion:164 Resp: 649646
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 43.7 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 145.895 ng

RT: 15.909 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049877.D

Acq: 10 Apr 2025 10:11

Instrument :

BNA_M

ClientSampleId :

PB167509BL

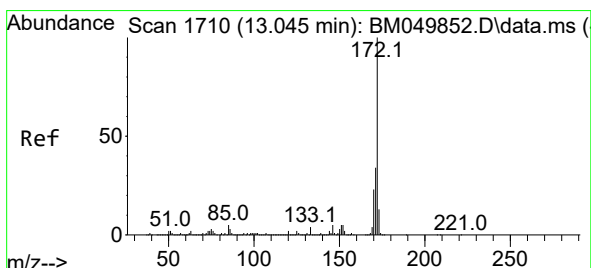
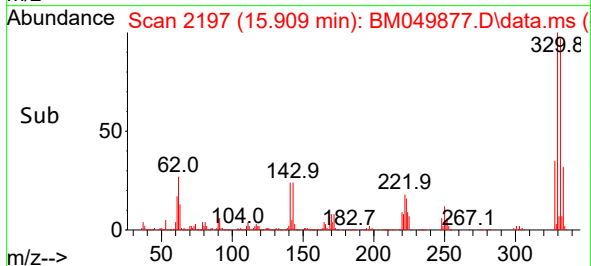
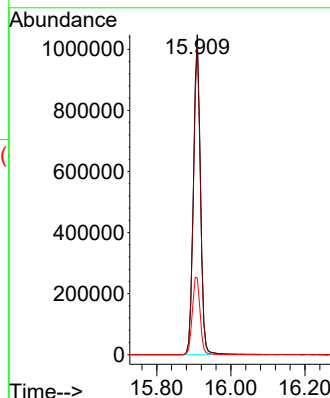
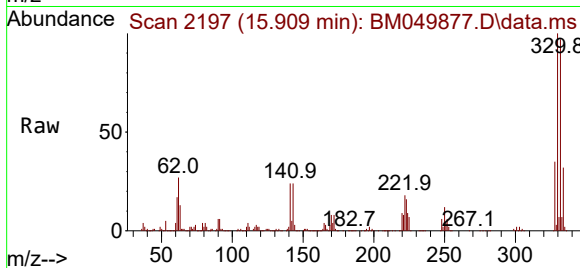
Tgt Ion:330 Resp: 1378609

Ion Ratio Lower Upper

330 100

332 96.3 78.0 117.0

141 26.6 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 96.296 ng

RT: 13.039 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BM049877.D

Acq: 10 Apr 2025 10:11

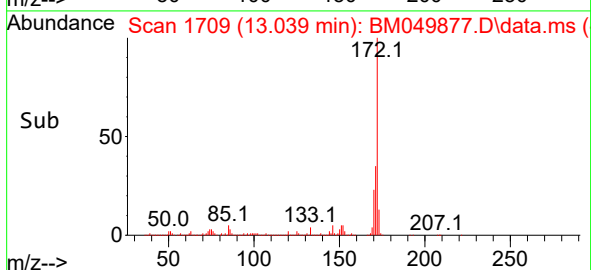
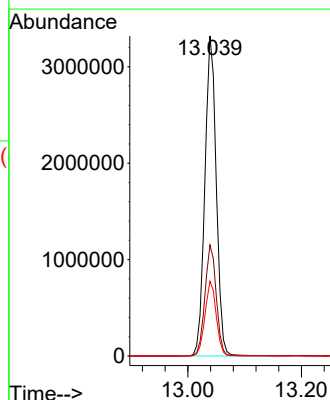
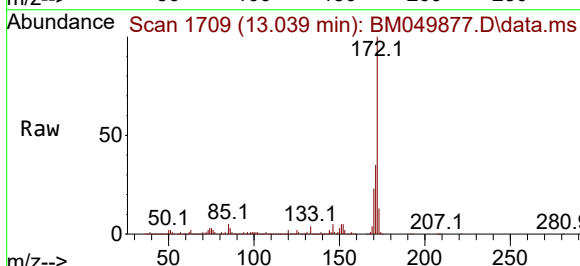
Tgt Ion:172 Resp: 4613403

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.2

170 23.3 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: BM049877.D

Acq: 10 Apr 2025 10:11

Instrument :

BNA_M

ClientSampleId :

PB167509BL

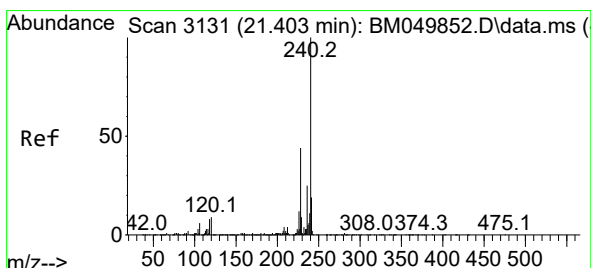
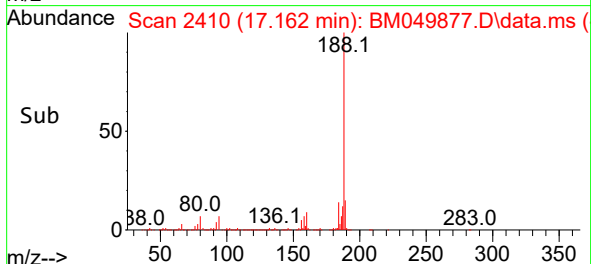
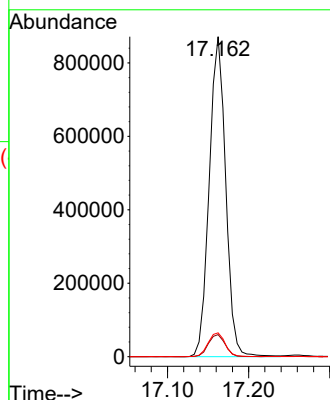
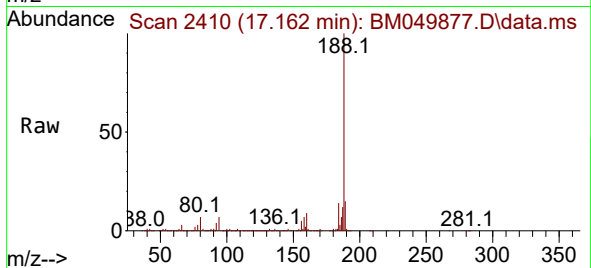
Tgt Ion:188 Resp: 1225291

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 7.5 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049877.D

Acq: 10 Apr 2025 10:11

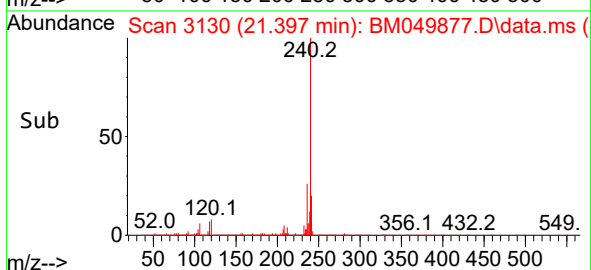
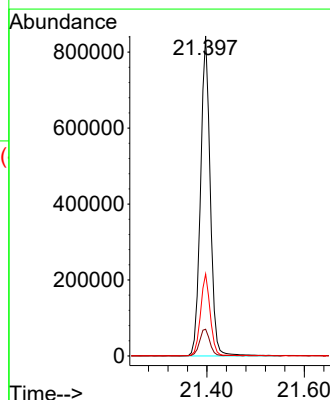
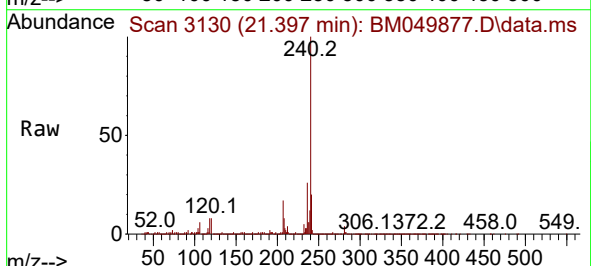
Tgt Ion:240 Resp: 1173504

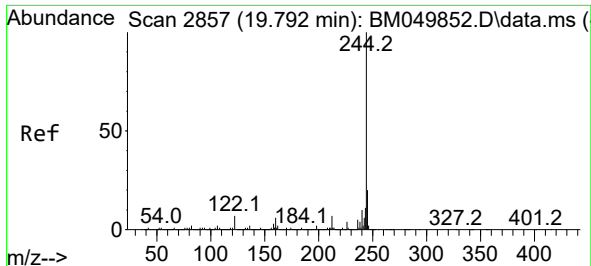
Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

236 25.6 20.4 30.6

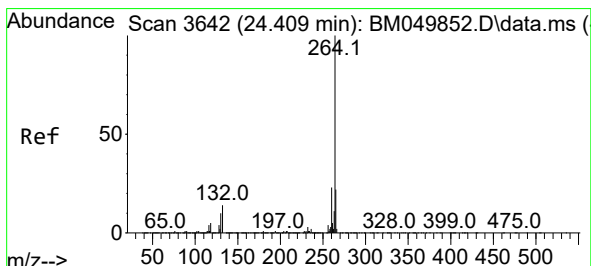
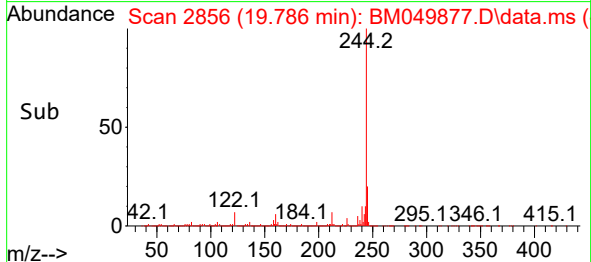
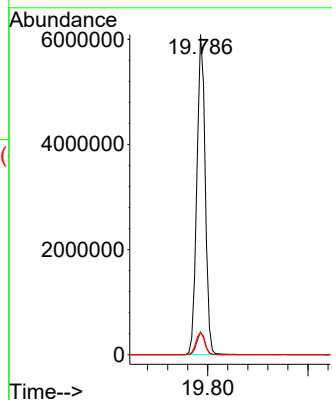
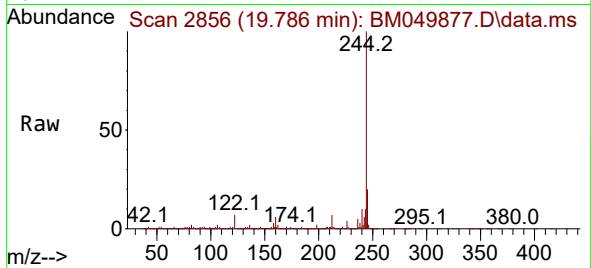




#79
 Terphenyl-d14
 Concen: 112.339 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049877.D
 Acq: 10 Apr 2025 10:11

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 7034521
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 7.0 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 3640
 Delta R.T. -0.012 min
 Lab File: BM049877.D
 Acq: 10 Apr 2025 10:11

Tgt Ion:264 Resp: 1306478
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.8 17.8 26.8

