

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024577.D
 Acq On : 08 May 2025 21:00
 Operator : RC/JU
 Sample : Q1968-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-M

Quant Time: May 09 01:40:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	109726	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	411478	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	242348	20.000	ng	-0.02
64) Phenanthrene-d10	17.128	188	509591	20.000	ng	#-0.02
76) Chrysene-d12	21.569	240	669431	20.000	ng	#-0.02
86) Perylene-d12	24.886	264	806200	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	794430	119.712	ng	-0.02
7) Phenol-d6	6.893	99	858957	94.528	ng	-0.02
23) Nitrobenzene-d5	8.852	82	657680	91.139	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	556815	166.064	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1434977	90.659	ng	-0.02
79) Terphenyl-d14	19.845	244	2944408	88.655	ng	-0.03

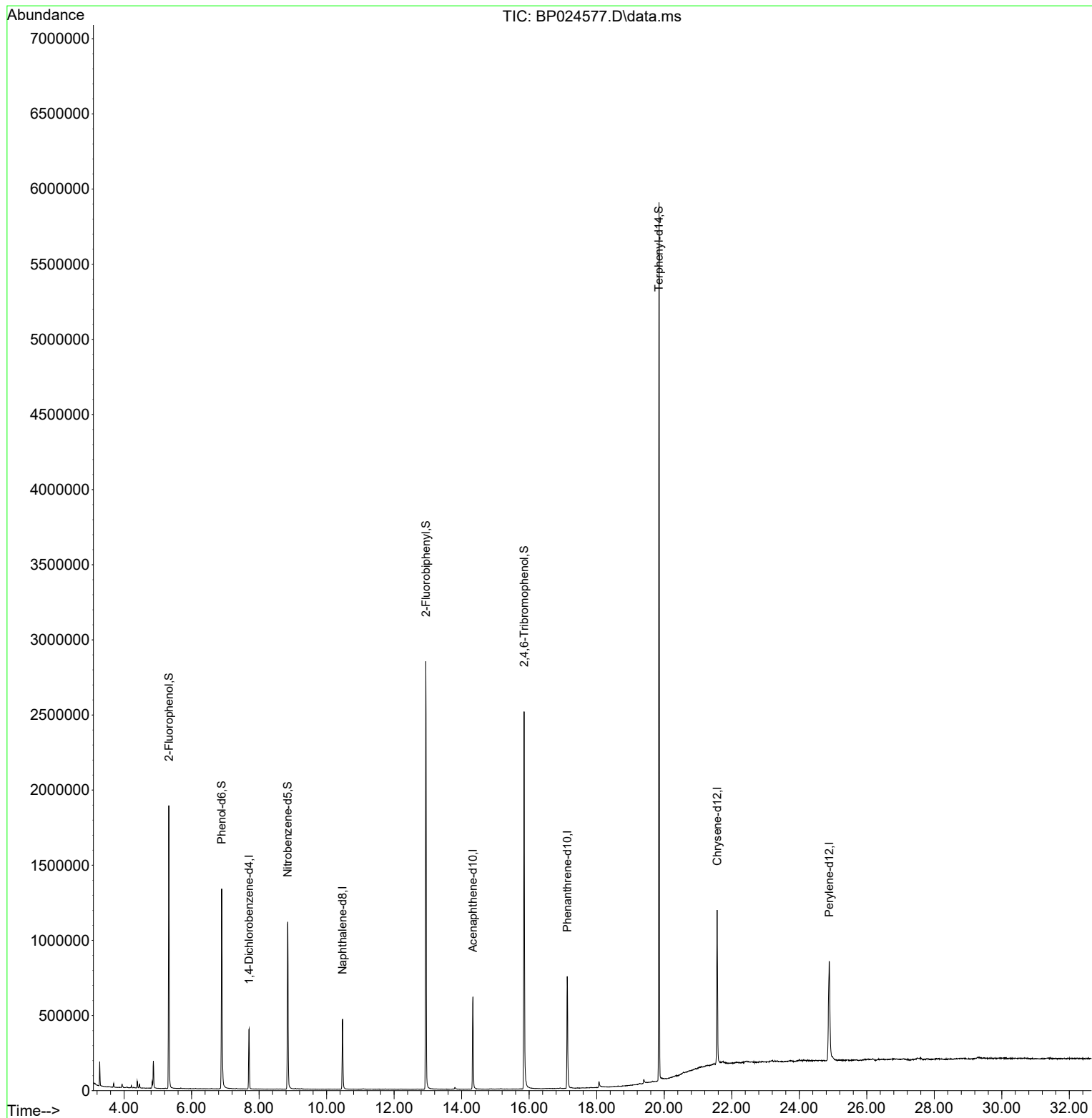
Target Compounds	Qvalue

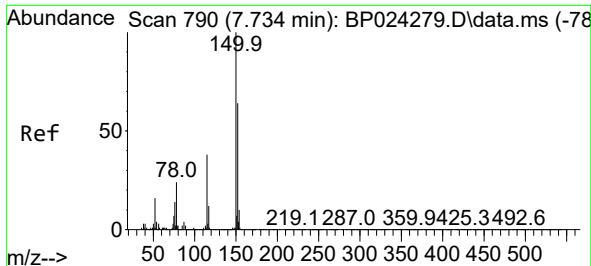
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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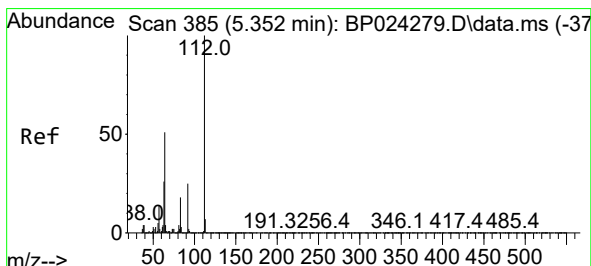
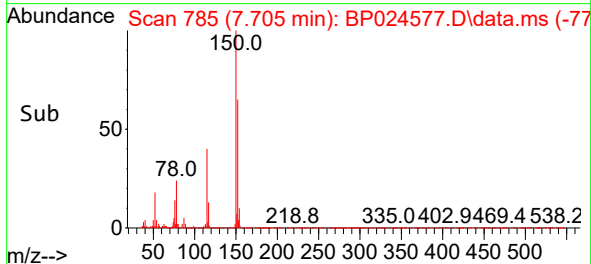
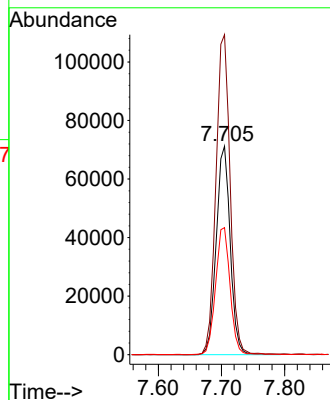
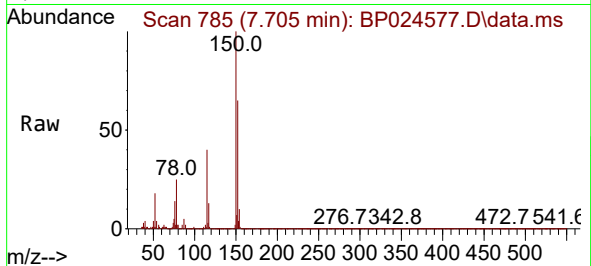




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

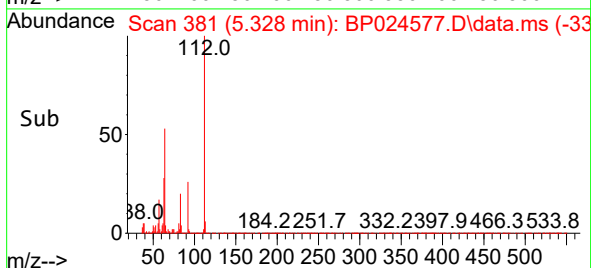
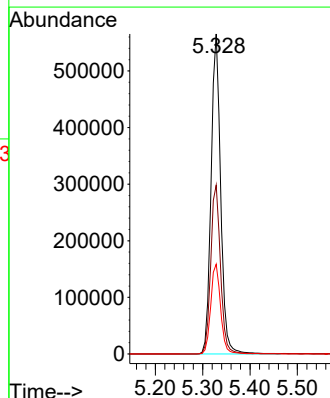
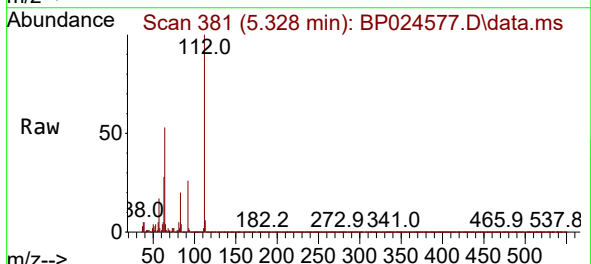
Instrument :
BNA_P
ClientSampleId :
MH-M

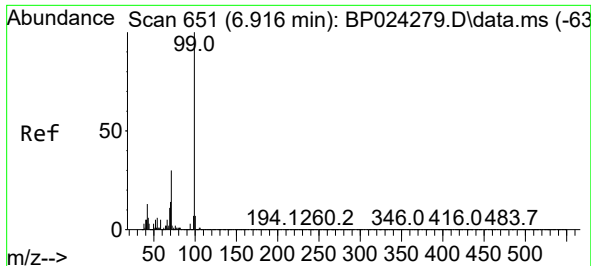
Tgt Ion:152 Resp: 109726
Ion Ratio Lower Upper
152 100
150 153.5 124.9 187.3
115 60.9 47.7 71.5



#5
2-Fluorophenol
Concen: 119.712 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion:112 Resp: 794430
Ion Ratio Lower Upper
112 100
64 52.8 41.1 61.7
63 28.1 20.6 30.8

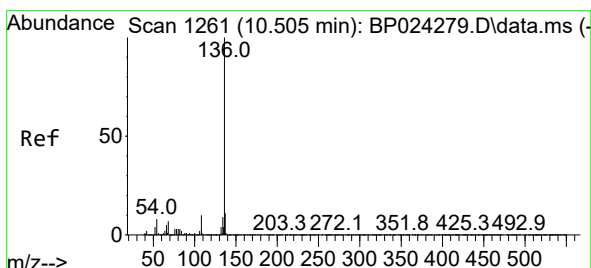
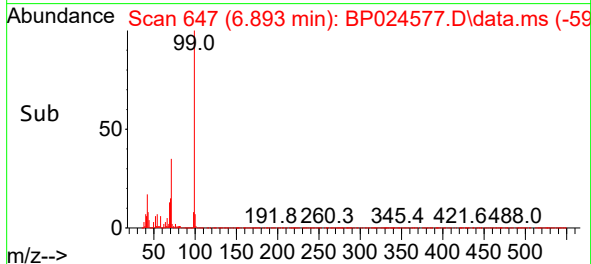
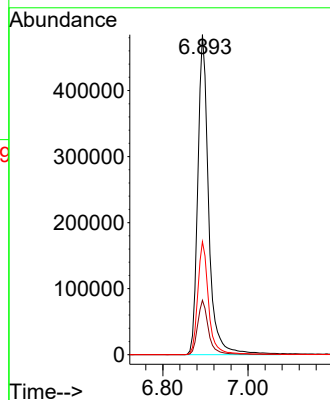
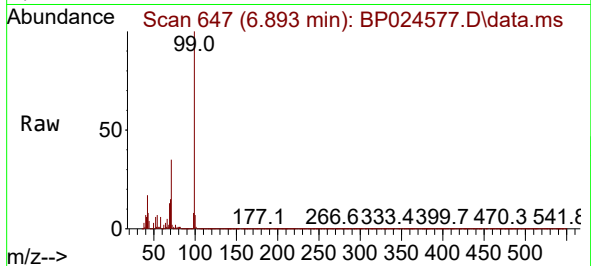




#7
Phenol-d6
Concen: 94.528 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

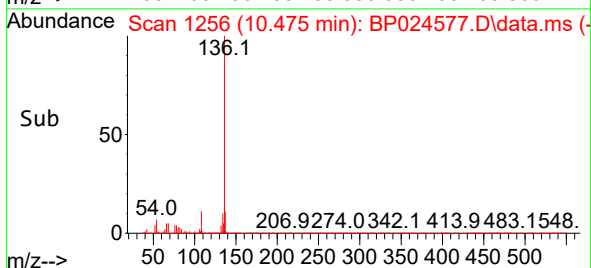
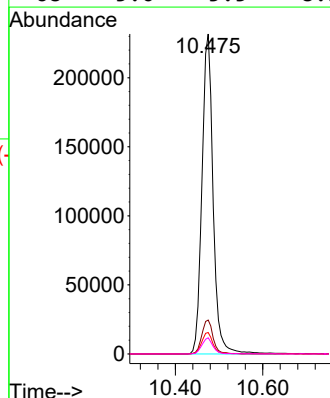
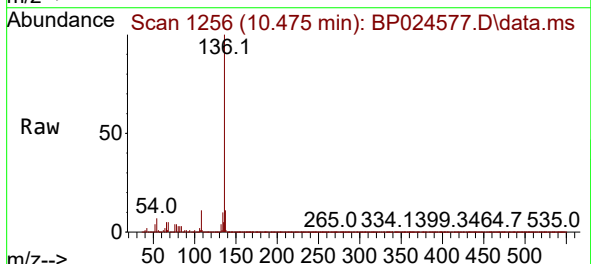
Instrument :
BNA_P
ClientSampleId :
MH-M

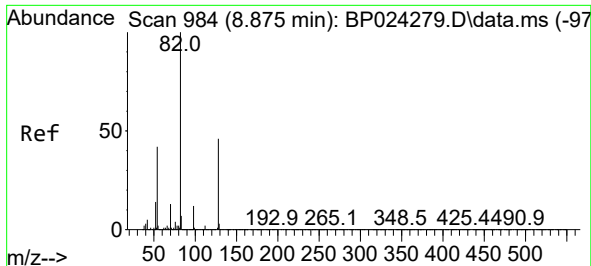
Tgt Ion: 99 Resp: 858957
Ion Ratio Lower Upper
99 100
42 17.0 10.6 16.0#
71 35.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion: 136 Resp: 411478
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 6.7 6.0 9.0
68 5.0 5.5 8.3#

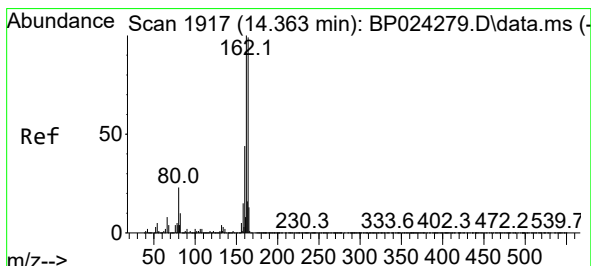
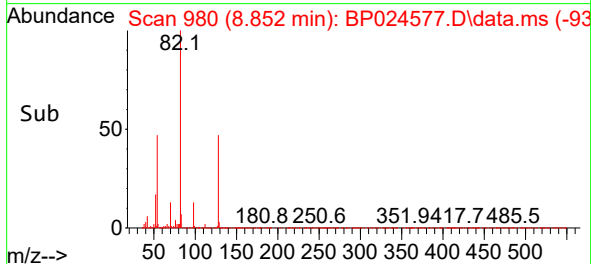
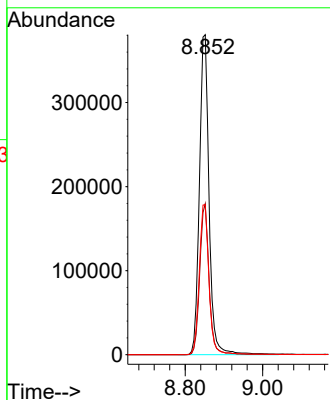
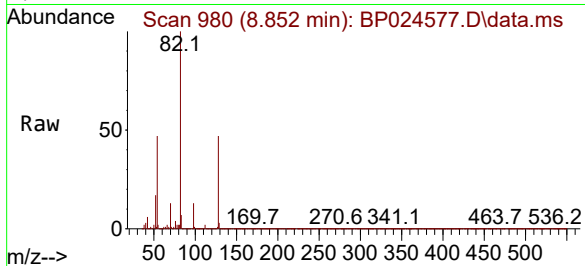




#23
Nitrobenzene-d5
Concen: 91.139 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

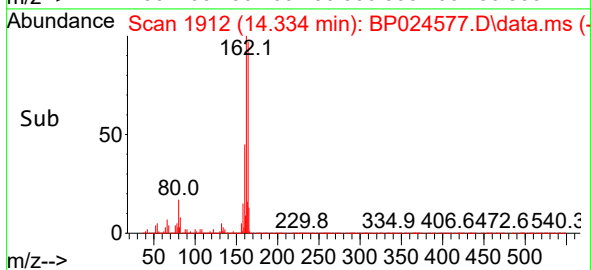
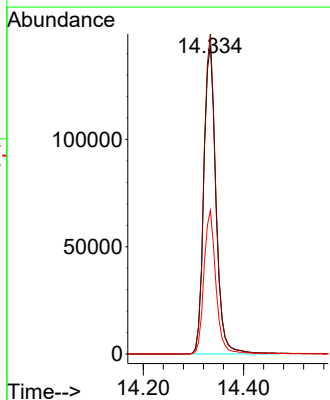
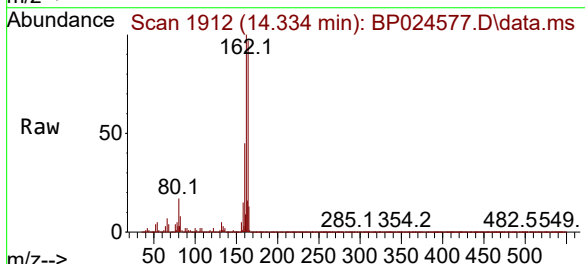
Instrument :
BNA_P
ClientSampleId :
MH-M

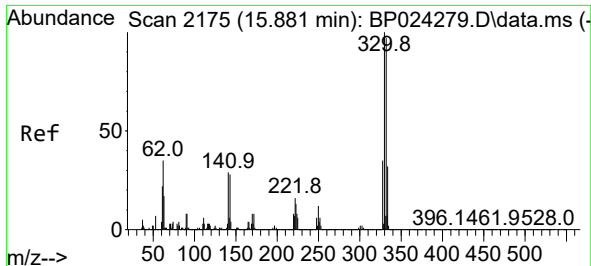
Tgt Ion: 82 Resp: 657680
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 46.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion: 164 Resp: 242348
Ion Ratio Lower Upper
164 100
162 103.6 80.6 120.8
160 46.5 35.3 52.9

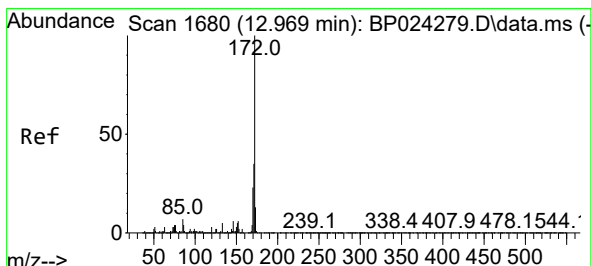
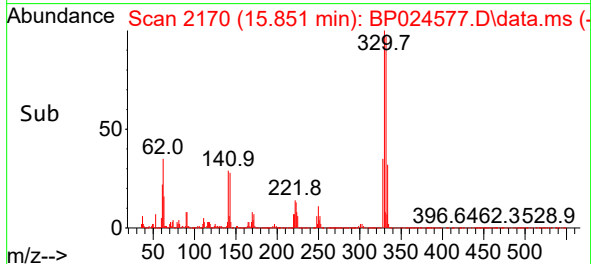
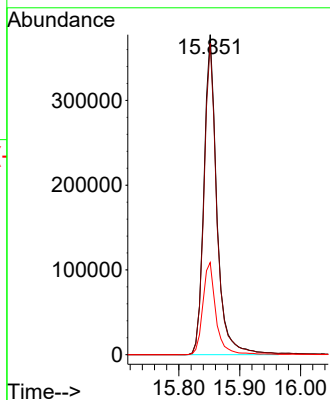
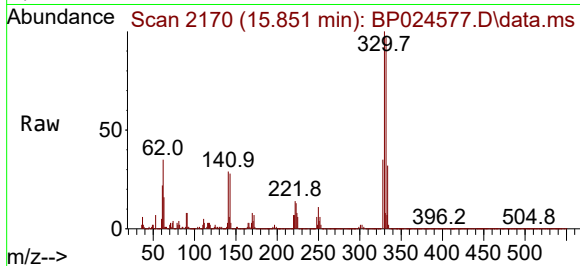




#42
2,4,6-Tribromophenol
Concen: 166.064 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

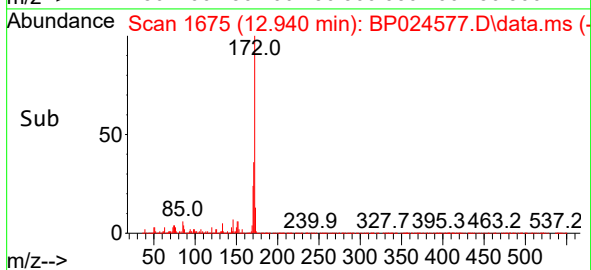
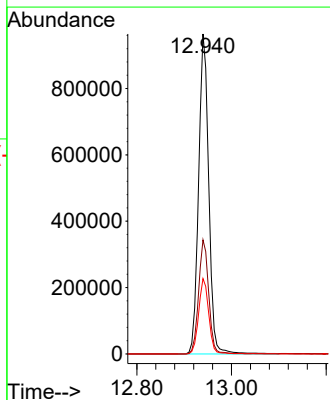
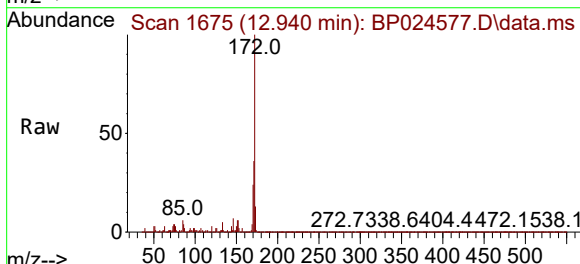
Instrument :
BNA_P
ClientSampleId :
MH-M

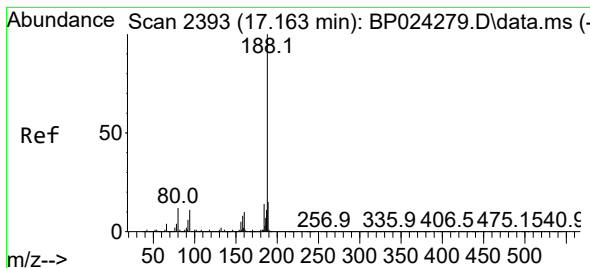
Tgt Ion:330 Resp: 556815
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 29.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 90.659 ng
RT: 12.940 min Scan# 1675
Delta R.T. -0.023 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion:172 Resp: 1434977
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.5 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.128 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024577.D

Acq: 08 May 2025 21:00

Instrument :

BNA_P

ClientSampleId :

MH-M

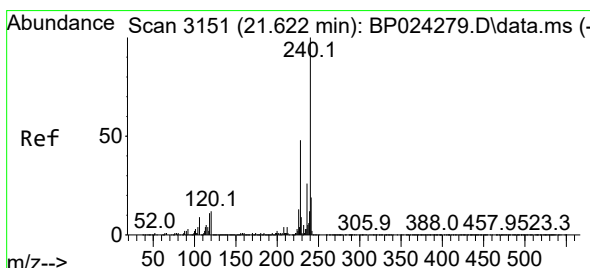
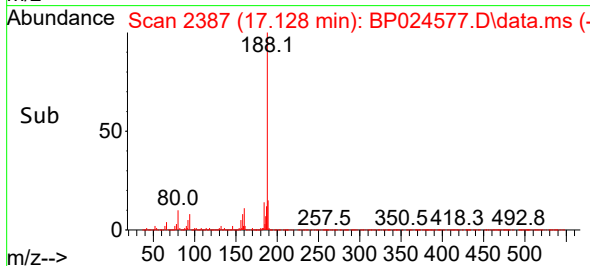
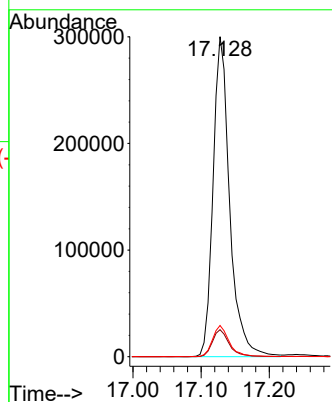
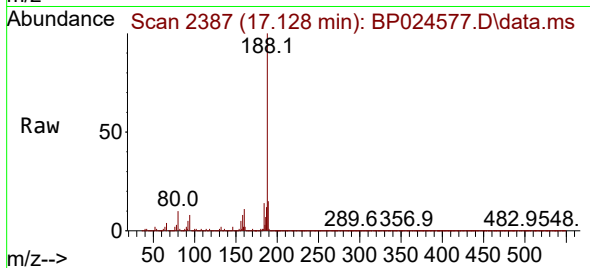
Tgt Ion:188 Resp: 509591

Ion Ratio Lower Upper

188 100

94 8.4 8.6 13.0#

80 9.8 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3142

Delta R.T. -0.023 min

Lab File: BP024577.D

Acq: 08 May 2025 21:00

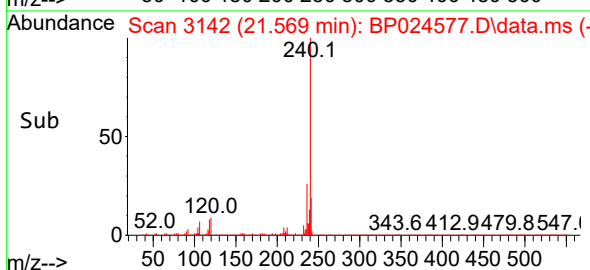
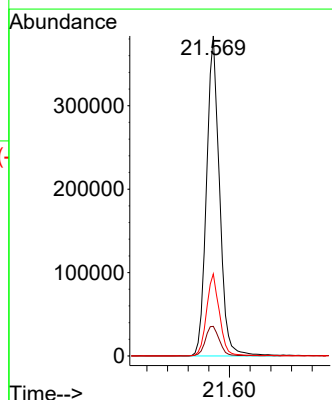
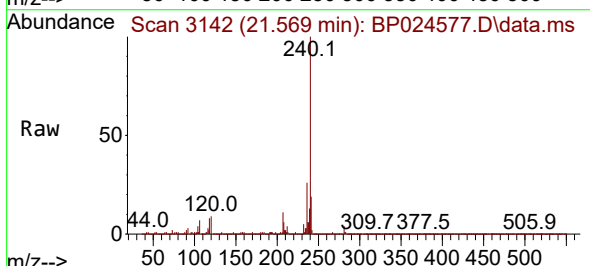
Tgt Ion:240 Resp: 669431

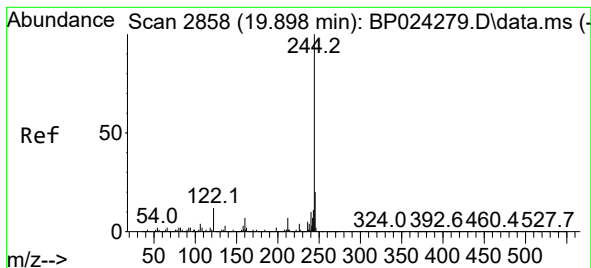
Ion Ratio Lower Upper

240 100

120 9.3 9.8 14.8#

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 88.655 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP024577.D

Acq: 08 May 2025 21:00

Instrument :

BNA_P

ClientSampleId :

MH-M

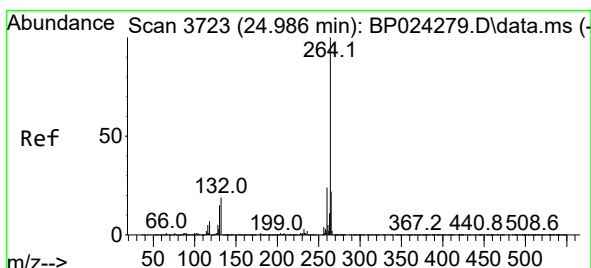
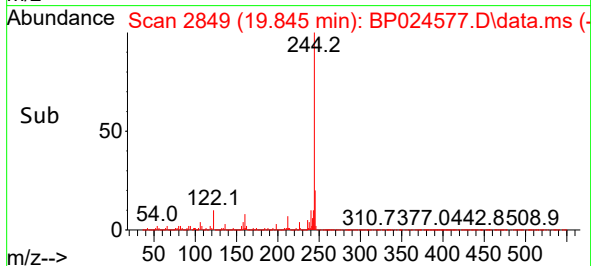
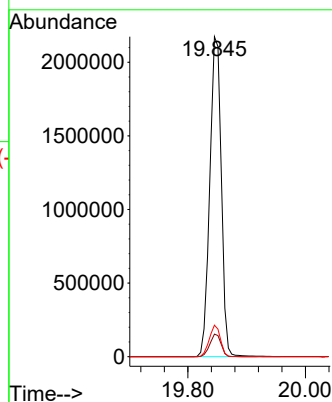
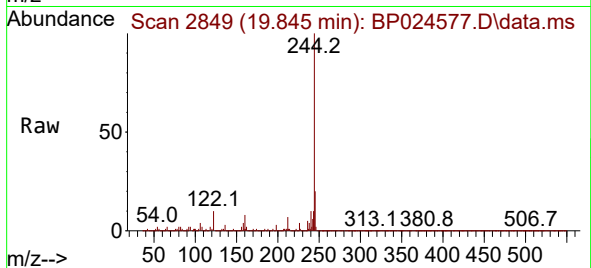
Tgt Ion:244 Resp: 2944408

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.8 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.886 min Scan# 3706

Delta R.T. -0.047 min

Lab File: BP024577.D

Acq: 08 May 2025 21:00

Tgt Ion:264 Resp: 806200

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 21.7 17.8 26.6

