

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024511.D
 Acq On : 02 May 2025 16:19
 Operator : RC/JU
 Sample : Q1922-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-S

Quant Time: May 02 16:41:06 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	7.711	152	134123	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	530882	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	324939	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	665716	20.000	ng	0.00
76) Chrysene-d12	21.598	240	778013	20.000	ng	# 0.00
86) Perylene-d12	24.957	264	901443	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	478736	59.018	ng	-0.02
7) Phenol-d6	6.899	99	658972	59.329	ng	-0.01
23) Nitrobenzene-d5	8.858	82	346838	37.253	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	339232	75.457	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	813550	38.334	ng	-0.01
79) Terphenyl-d14	19.875	244	1611671	41.754	ng	0.00

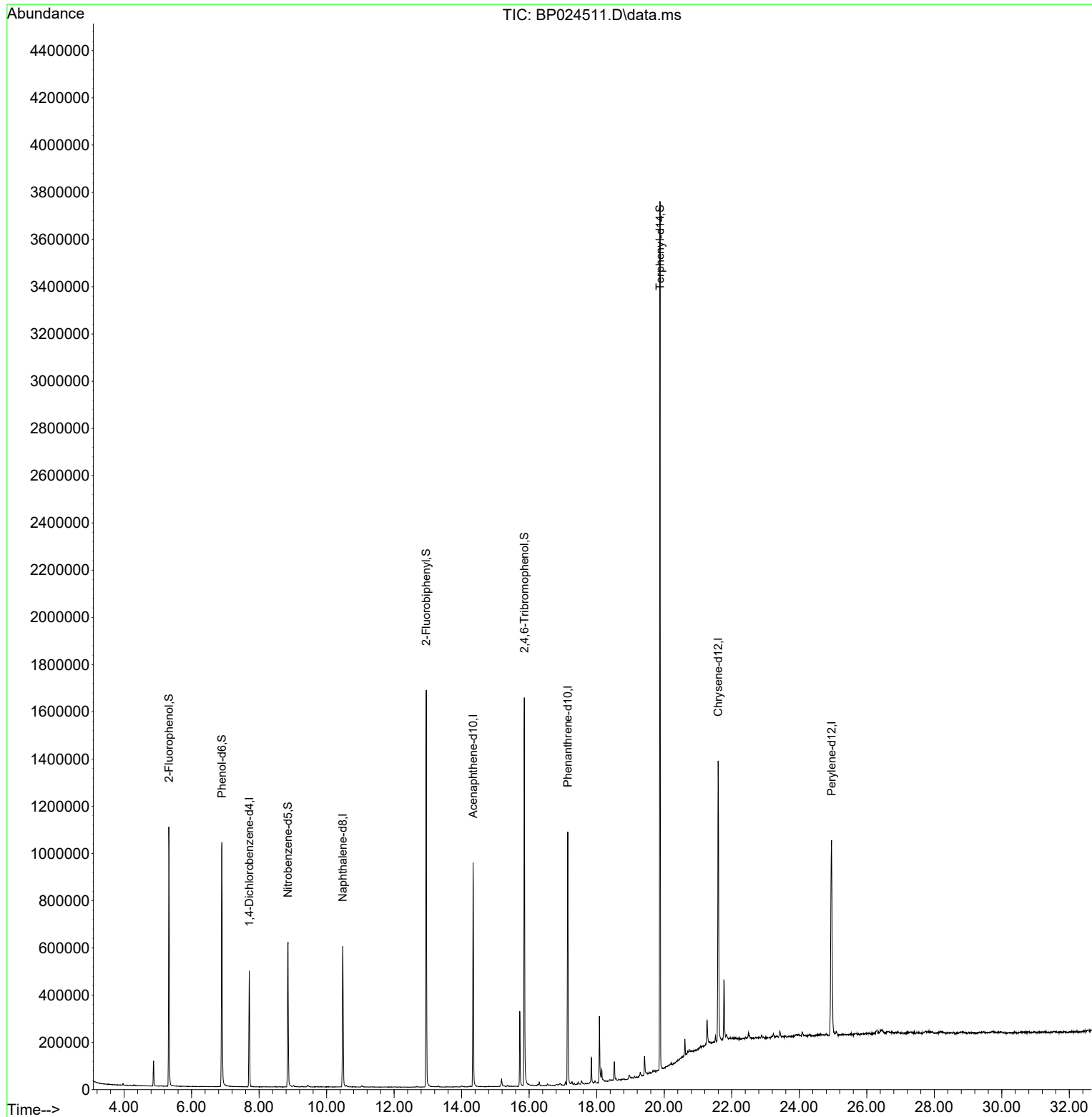
Target Compounds	Qvalue

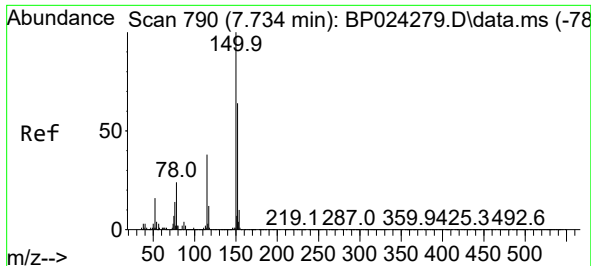
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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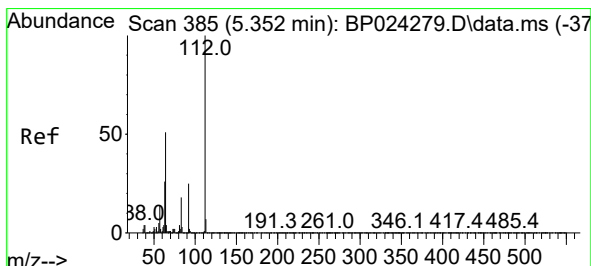
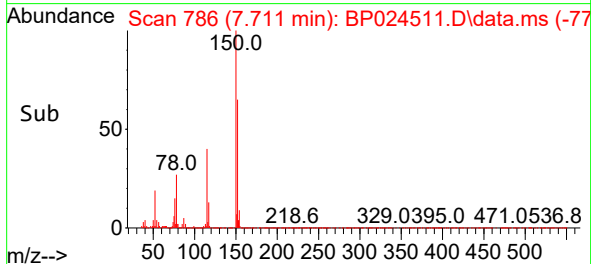
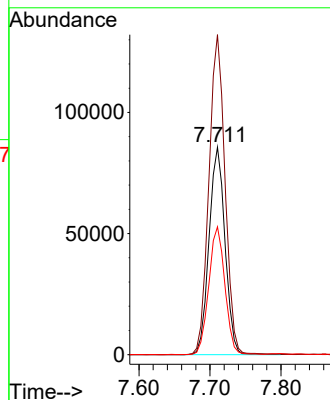
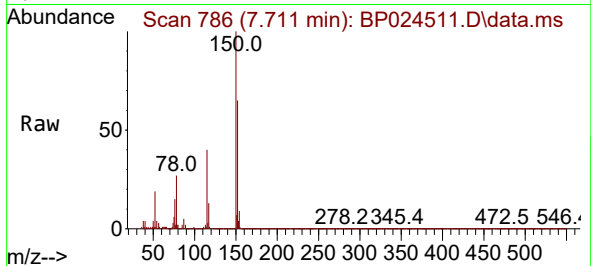




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

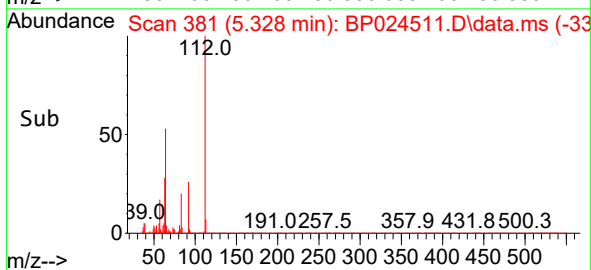
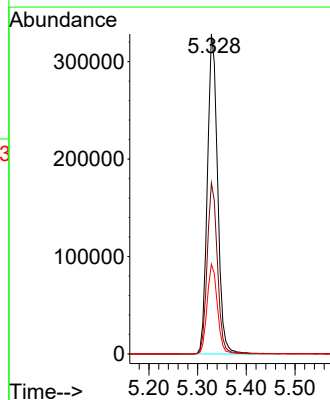
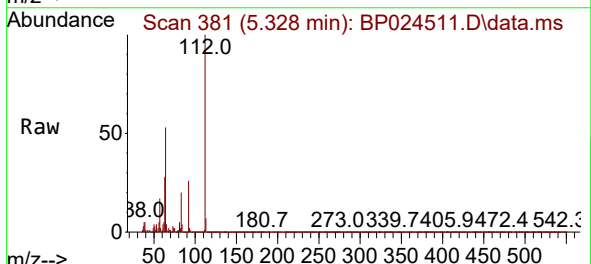
Instrument :
BNA_P
ClientSampleId :
MH-S

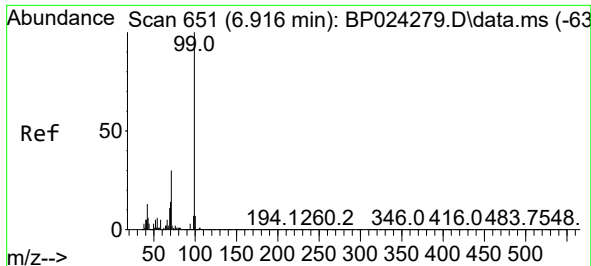
Tgt Ion:152 Resp: 134123
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 59.018 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion:112 Resp: 478736
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 28.1 20.6 30.8

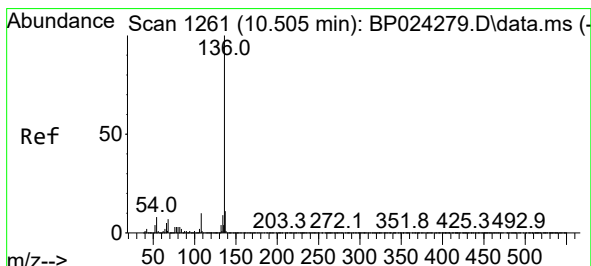
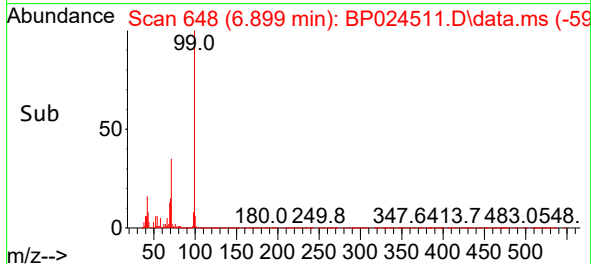
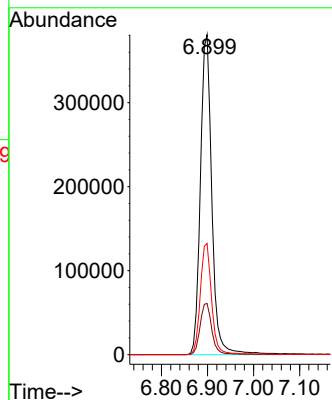
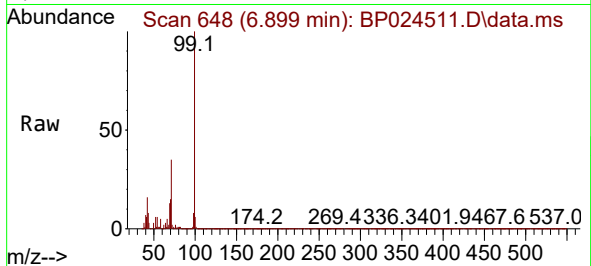




#7
Phenol-d6
Concen: 59.329 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

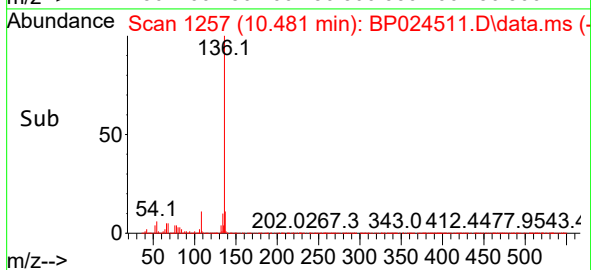
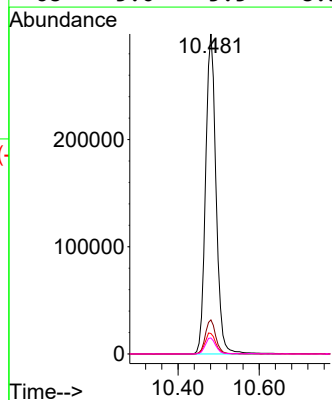
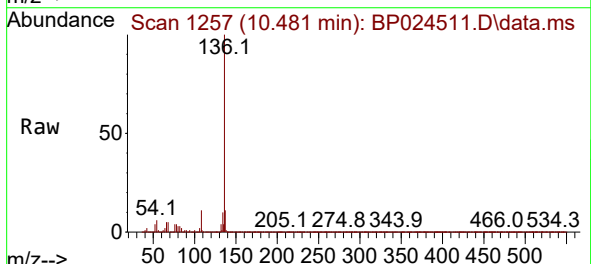
Instrument :
BNA_P
ClientSampleId :
MH-S

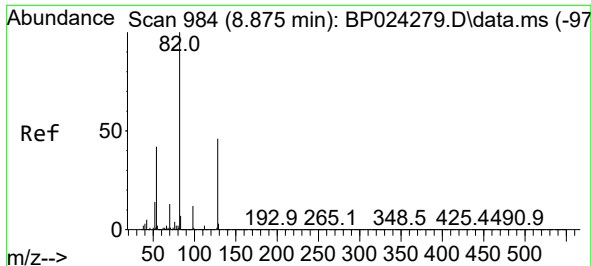
Tgt Ion: 99 Resp: 658972
Ion Ratio Lower Upper
99 100
42 16.0 10.6 16.0#
71 34.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion: 136 Resp: 530882
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 6.4 6.0 9.0
68 5.0 5.5 8.3#

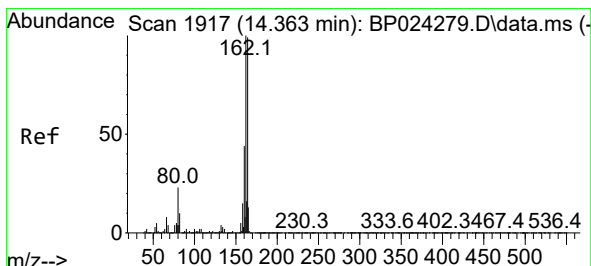
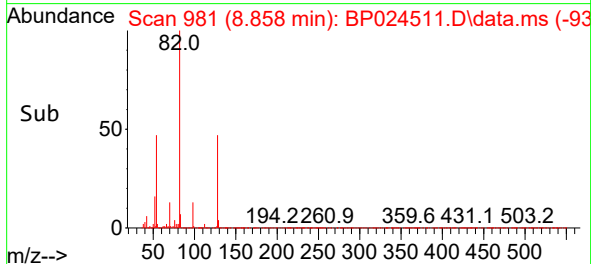
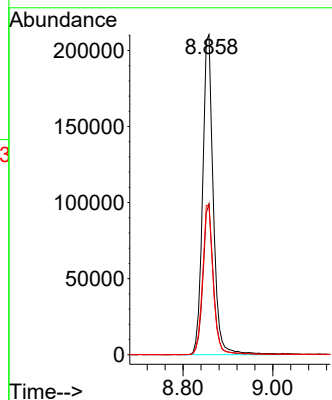
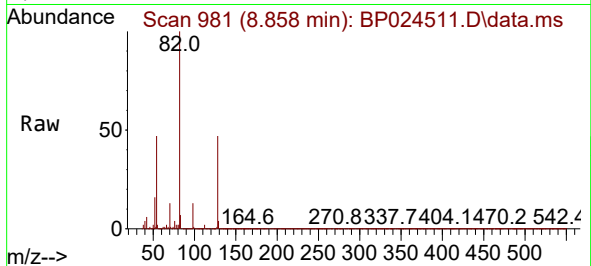




#23
Nitrobenzene-d5
Concen: 37.253 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

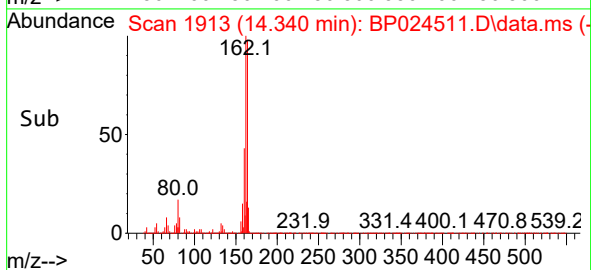
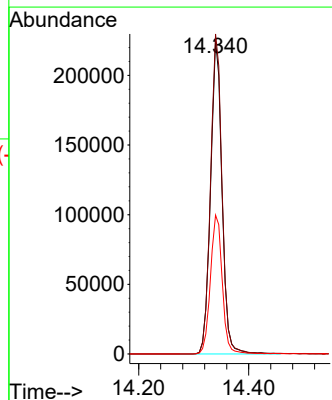
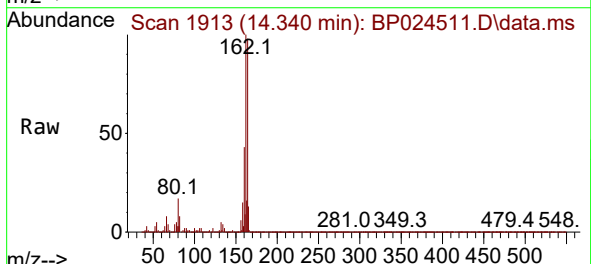
Instrument :
BNA_P
ClientSampleId :
MH-S

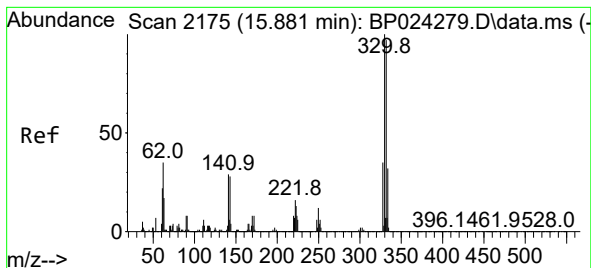
Tgt Ion: 82 Resp: 346838
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 46.7 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion: 164 Resp: 324939
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 75.457 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024511.D

Acq: 02 May 2025 16:19

Instrument :

BNA_P

ClientSampleId :

MH-S

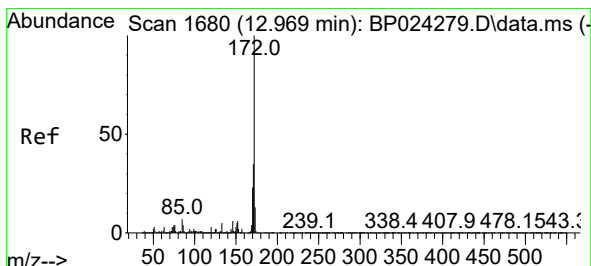
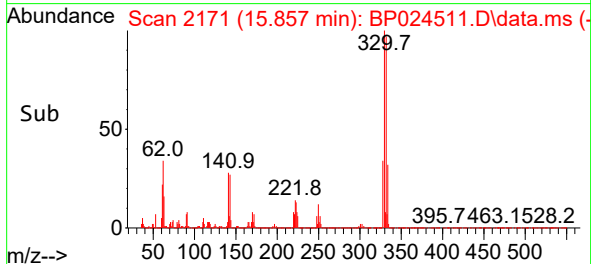
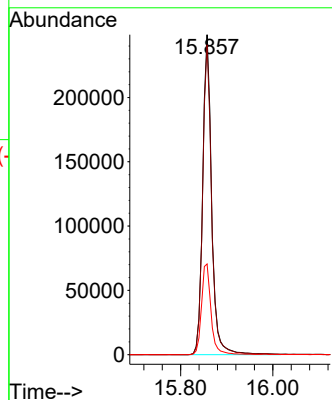
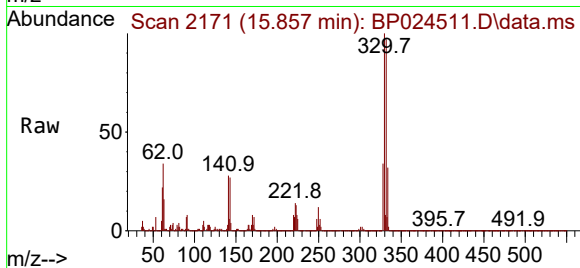
Tgt Ion:330 Resp: 339232

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 30.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 38.334 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024511.D

Acq: 02 May 2025 16:19

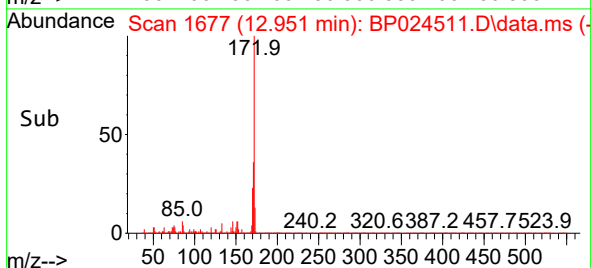
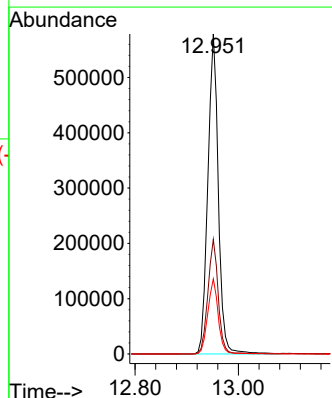
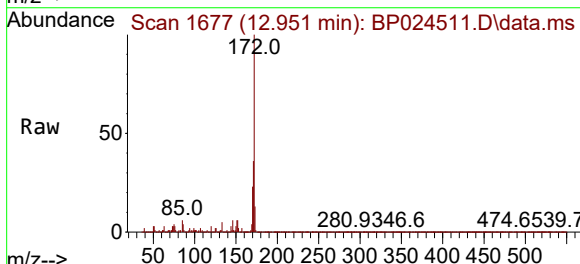
Tgt Ion:172 Resp: 813550

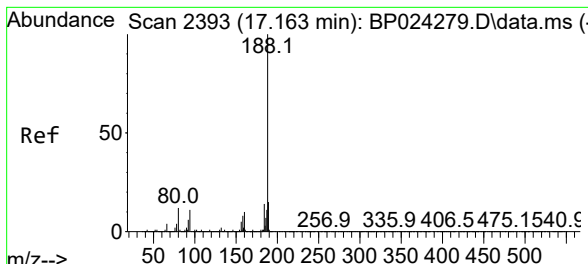
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.5 18.6 27.8

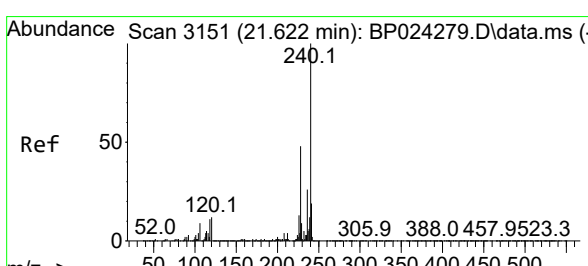
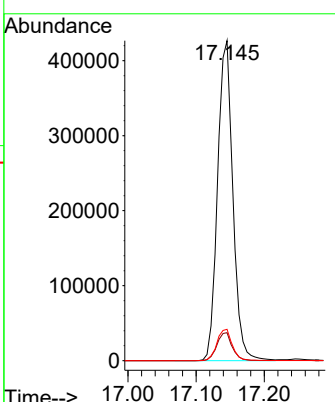
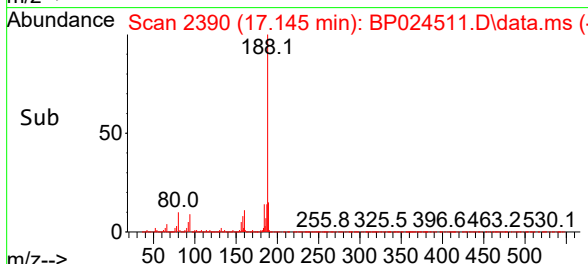
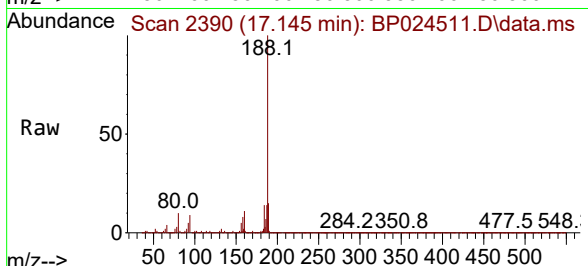




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

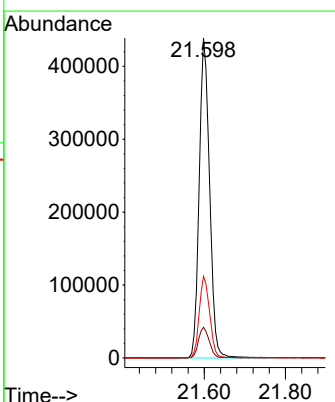
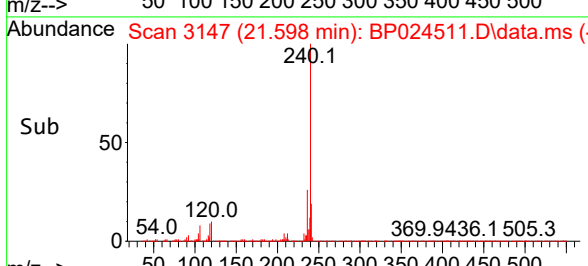
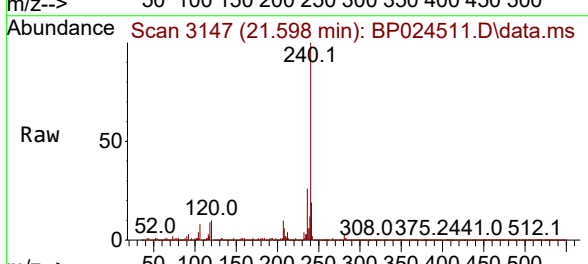
Instrument :
BNA_P
ClientSampleId :
MH-S

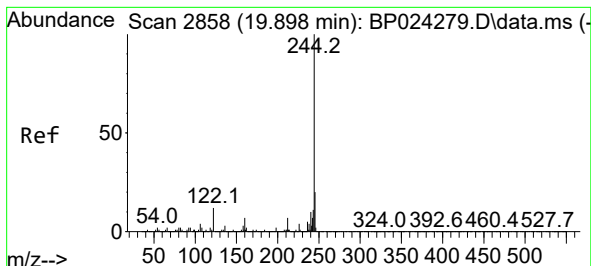
Tgt Ion:	188	Resp:	665716
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.6	13.0
80	9.8	9.8	14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion:	240	Resp:	778013
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.8	14.8
236	25.5	20.9	31.3





#79

Terphenyl-d14

Concen: 41.754 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024511.D

Acq: 02 May 2025 16:19

Instrument :

BNA_P

ClientSampleId :

MH-S

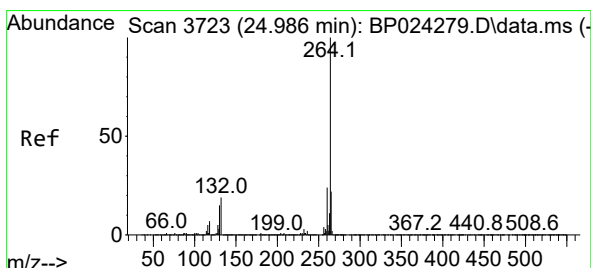
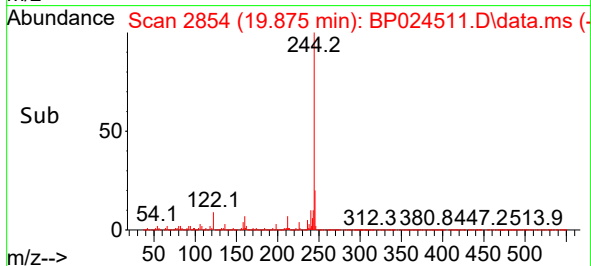
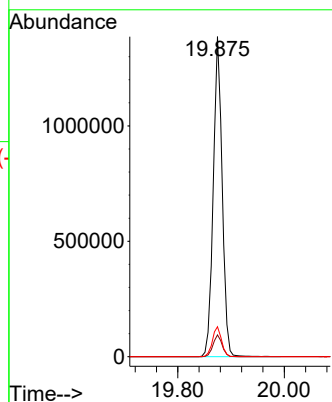
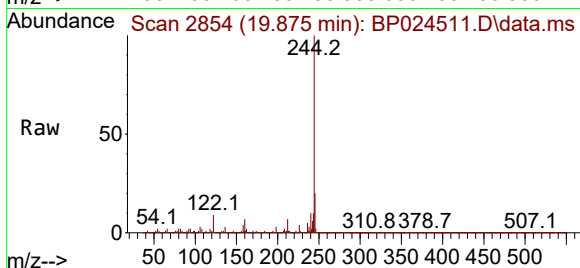
Tgt Ion:244 Resp: 1611671

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.3 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.957 min Scan# 3718

Delta R.T. 0.024 min

Lab File: BP024511.D

Acq: 02 May 2025 16:19

Tgt Ion:264 Resp: 901443

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.4 17.8 26.6

