

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
 Data File : BP024563.D
 Acq On : 07 May 2025 14:41
 Operator : RC/JU
 Sample : Q1947-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-P

Quant Time: May 07 15:43:41 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)

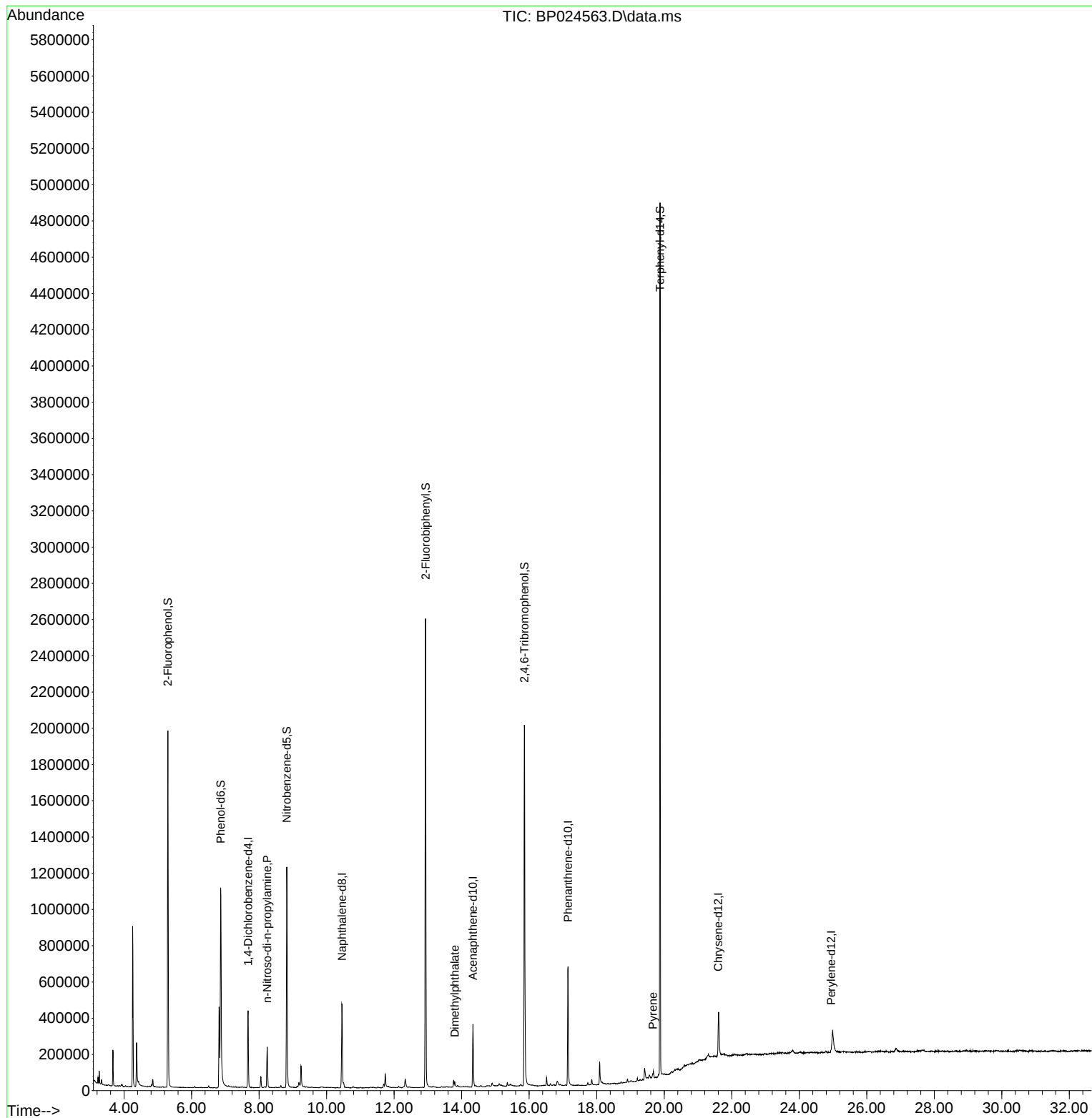
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	116263	20.000	ng	-0.05
21) Naphthalene-d8	10.457	136	413670	20.000	ng	#-0.04
39) Acenaphthene-d10	14.334	164	114583	20.000	ng	-0.02
64) Phenanthrene-d10	17.151	188	357126	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	93816	20.000	ng	# 0.01
86) Perylene-d12	24.945	264	2581	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	878269	124.905	ng	-0.05
7) Phenol-d6	6.863	99	662147	68.772	ng	-0.05
23) Nitrobenzene-d5	8.822	82	698634	96.301	ng	-0.05
42) 2,4,6-Tribromophenol	15.863	330	481319	303.611	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	1399838	187.053	ng	-0.03
79) Terphenyl-d14	19.875	244	1689854	363.065	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.240	70	20369	3.420	ng	# 35
50) Dimethylphthalate	13.798	163	18939	2.273	ng	97
78) Pyrene	19.663	202	17444	2.926	ng	98

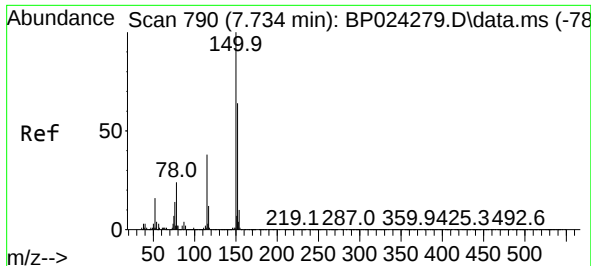
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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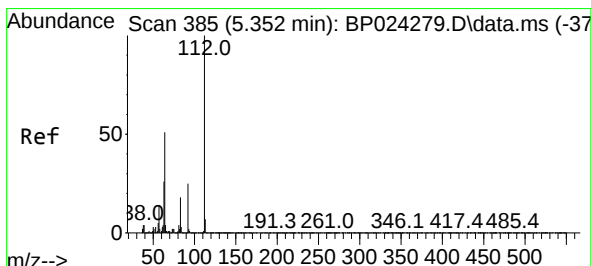
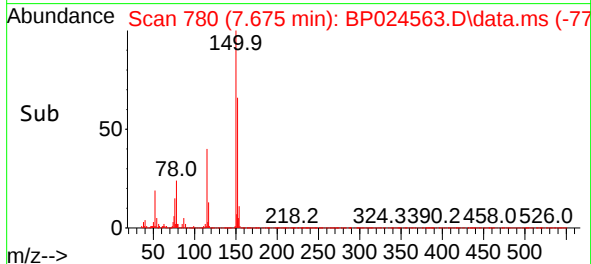
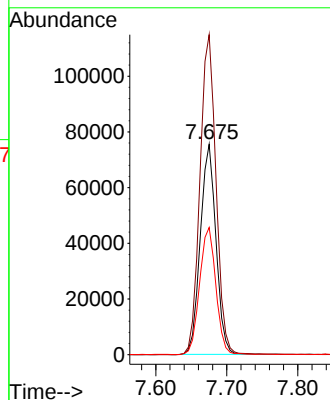
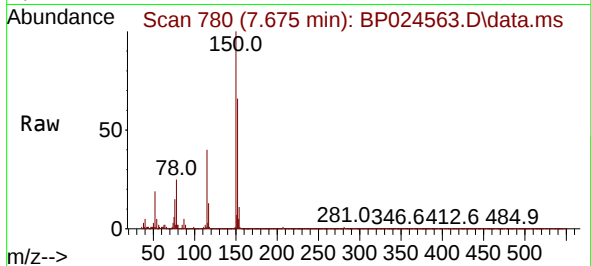




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.675 min Scan# 71
Delta R.T. -0.047 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

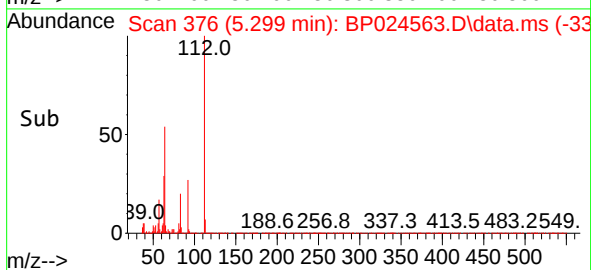
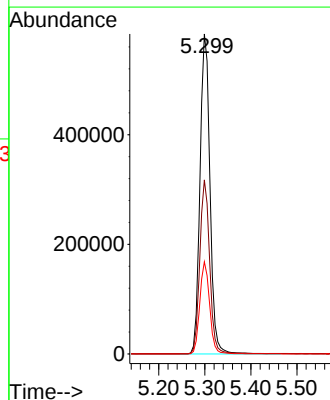
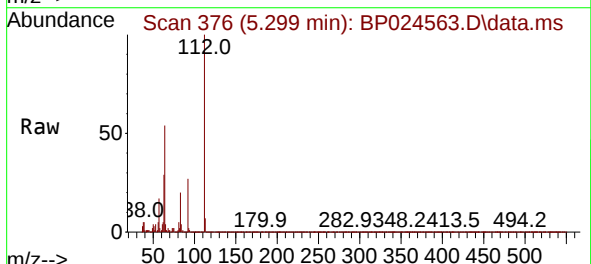
Instrument :
BNA_P
ClientSampleId :
MH-P

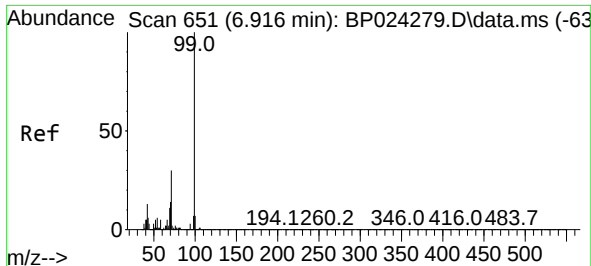
Tgt Ion:152 Resp: 116263
Ion Ratio Lower Upper
152 100
150 152.1 124.9 187.3
115 60.4 47.7 71.5



#5
2-Fluorophenol
Concen: 124.905 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.047 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

Tgt Ion:112 Resp: 878269
Ion Ratio Lower Upper
112 100
64 54.4 41.1 61.7
63 28.8 20.6 30.8

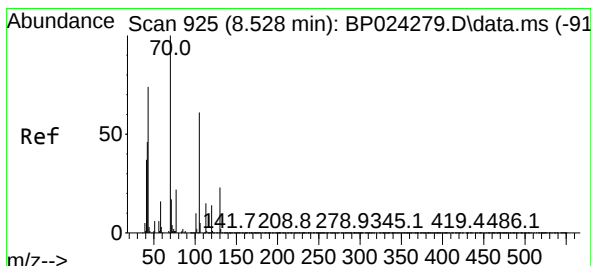
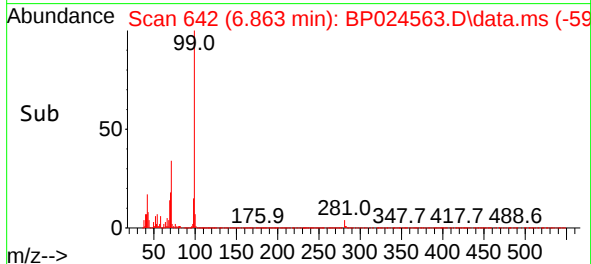
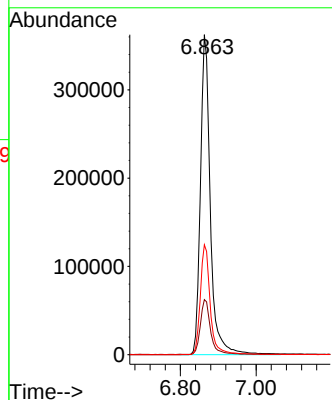
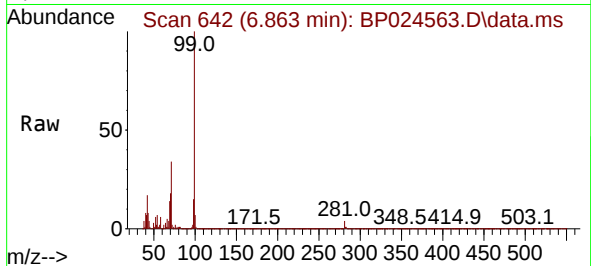




#7
Phenol-d6
Concen: 68.772 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.047 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

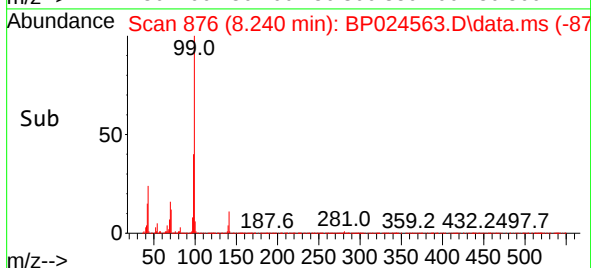
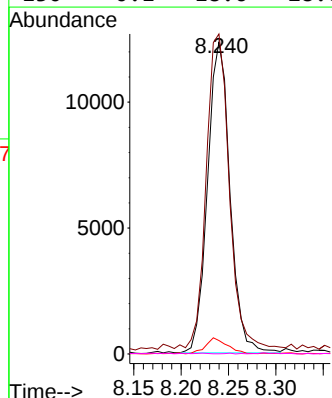
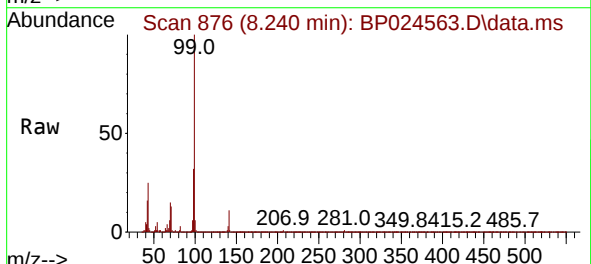
Instrument :
BNA_P
ClientSampleId :
MH-P

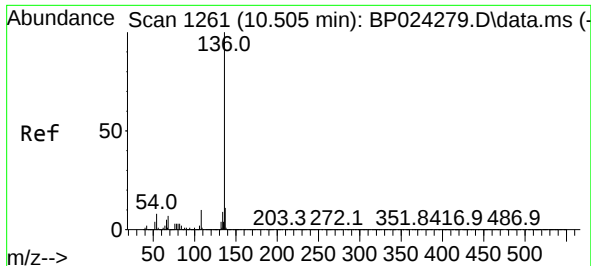
Tgt Ion: 99 Resp: 662147
Ion Ratio Lower Upper
99 100
42 17.2 10.6 16.0#
71 34.3 23.7 35.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.420 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.282 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

Tgt Ion: 70 Resp: 20369
Ion Ratio Lower Upper
70 100
42 102.7 37.3 55.9#
101 4.3 8.2 12.4#
130 0.1 18.6 28.0#

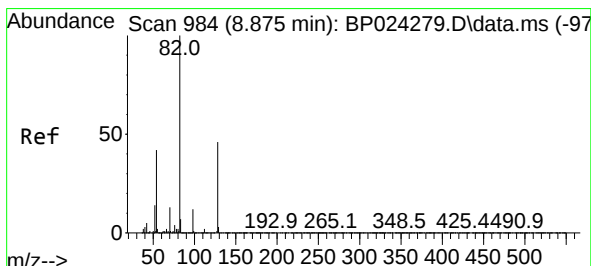
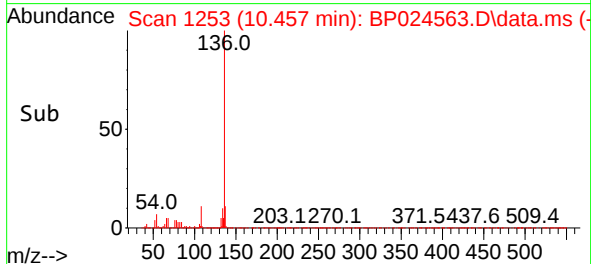
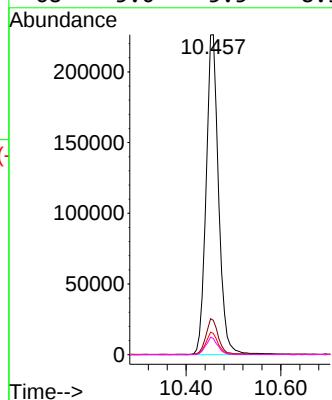
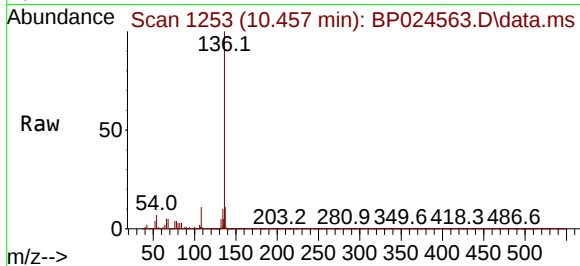




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.041 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

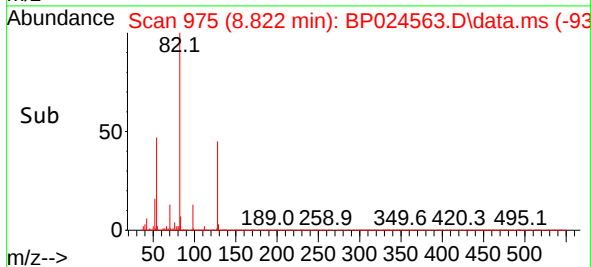
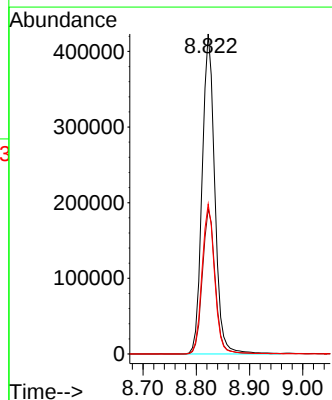
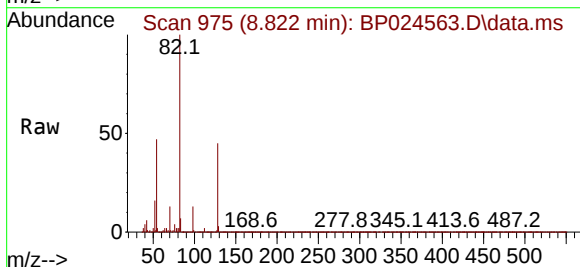
Instrument :
BNA_P
ClientSampleId :
MH-P

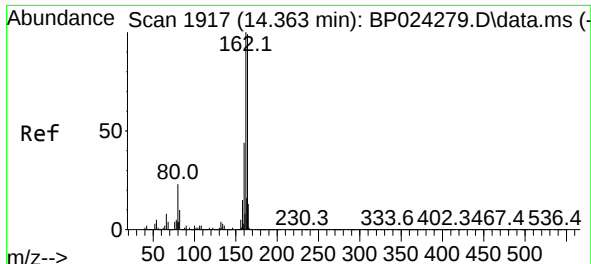
Tgt Ion:	136	Resp:	413670
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.6	6.0	9.0
68	5.0	5.5	8.3



#23
Nitrobenzene-d5
Concen: 96.301 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.047 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

Tgt Ion:	82	Resp:	698634
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.5	54.7
54	46.8	33.4	50.2

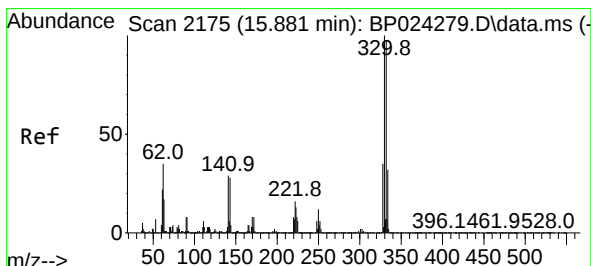
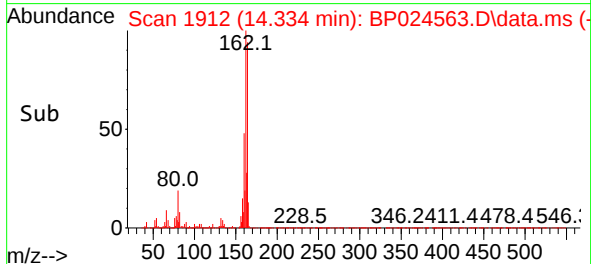
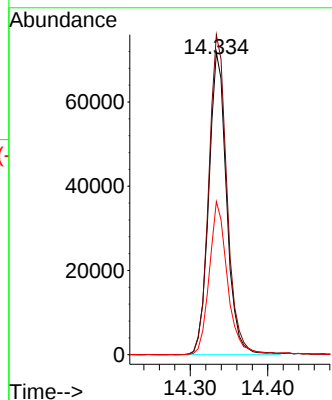
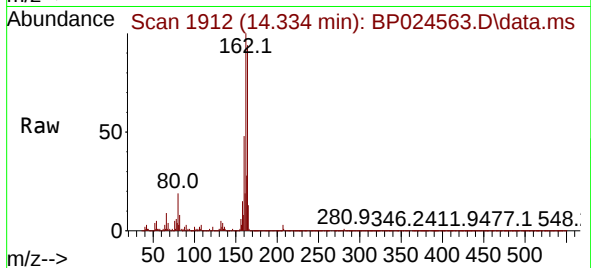




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

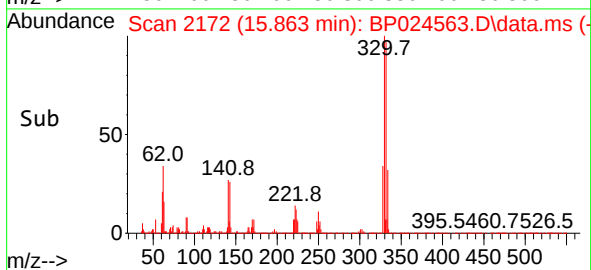
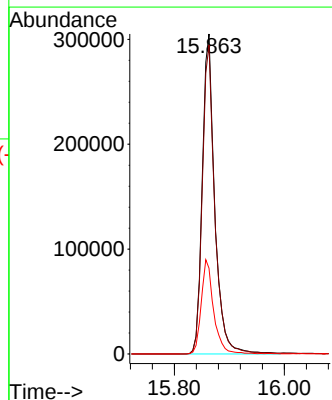
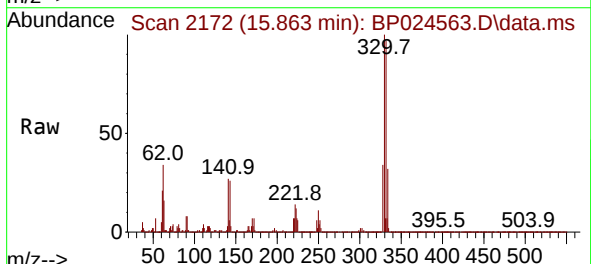
Instrument :
BNA_P
ClientSampleId :
MH-P

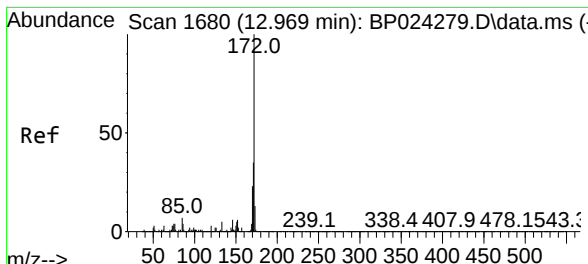
Tgt Ion:164 Resp: 114583
Ion Ratio Lower Upper
164 100
162 105.9 80.6 120.8
160 50.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 303.611 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

Tgt Ion:330 Resp: 481319
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 29.3 24.7 37.1



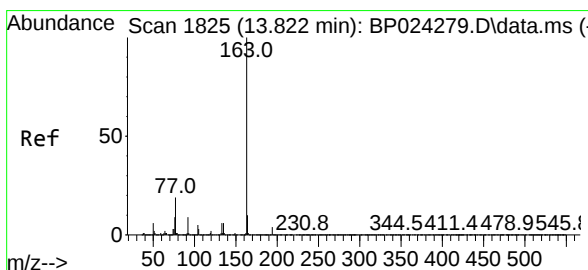
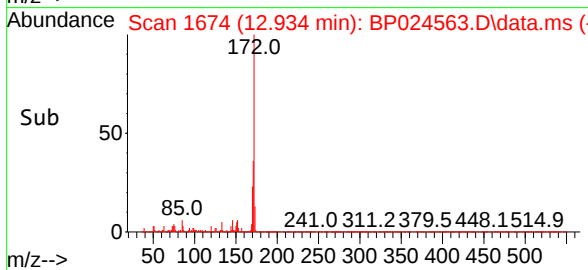
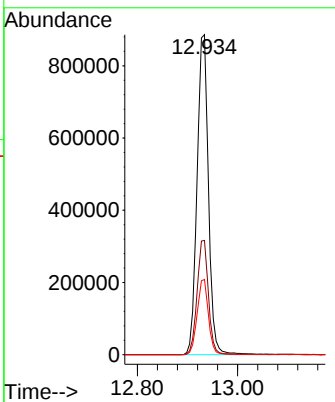
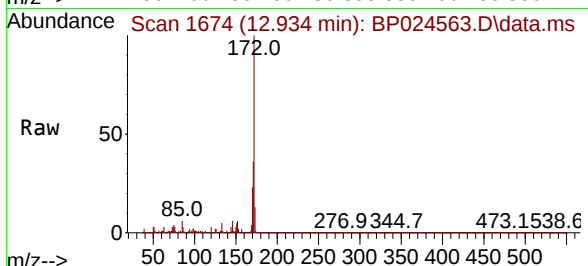


#45
 2-Fluorobiphenyl
 Concen: 187.053 ng
 RT: 12.934 min Scan# 1674
 Delta R.T. -0.029 min
 Lab File: BP024563.D
 Acq: 07 May 2025 14:41

Instrument :
 BNA_P
 ClientSampleId :
 MH-P

Tgt Ion:172 Resp: 1399838

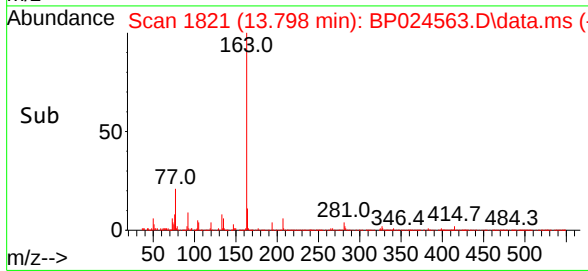
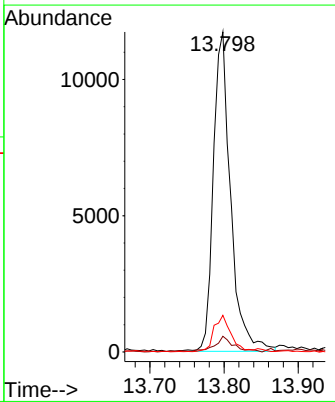
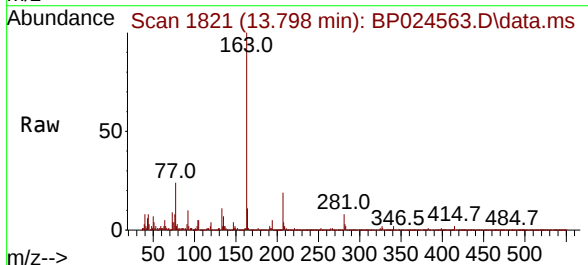
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.5	18.6	27.8

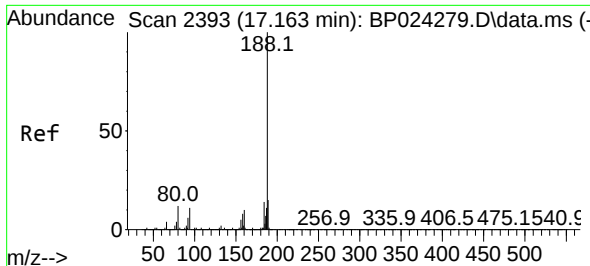


#50
 Dimethylphthalate
 Concen: 2.273 ng
 RT: 13.798 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BP024563.D
 Acq: 07 May 2025 14:41

Tgt Ion:163 Resp: 18939

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	11.5	8.0	12.0

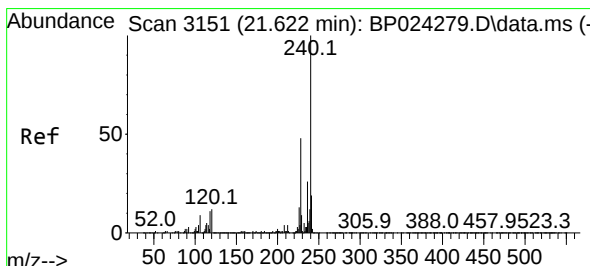
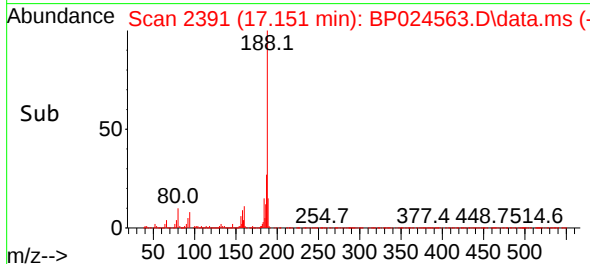
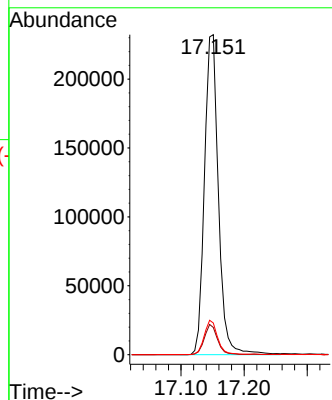
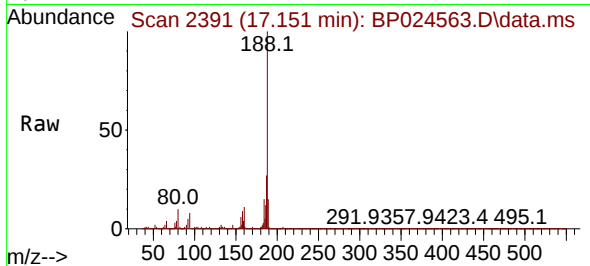




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

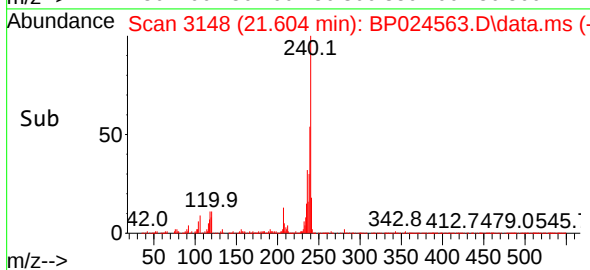
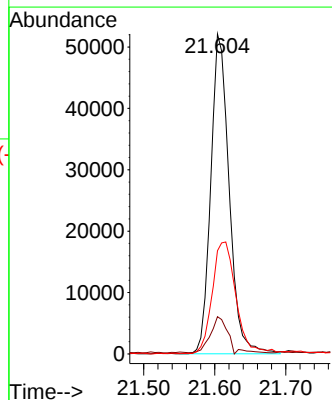
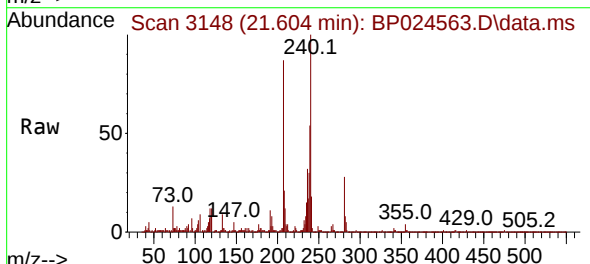
Instrument :
BNA_P
ClientSampleId :
MH-P

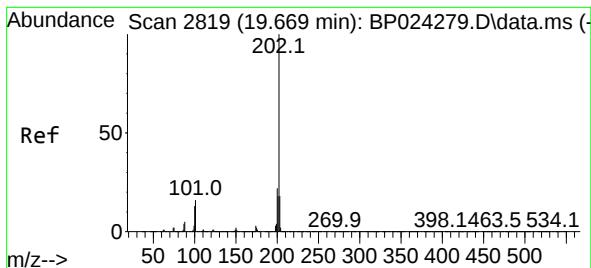
Tgt Ion:188 Resp: 357126
Ion Ratio Lower Upper
188 100
94 8.5 8.6 13.0#
80 9.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.012 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

Tgt Ion:240 Resp: 93816
Ion Ratio Lower Upper
240 100
120 11.6 9.8 14.8
236 32.2 20.9 31.3#





#78

Pyrene

Concen: 2.926 ng

RT: 19.663 min Scan# 2819

Delta R.T. 0.012 min

Lab File: BP024563.D

Acq: 07 May 2025 14:41

Instrument :

BNA_P

ClientSampleId :

MH-P

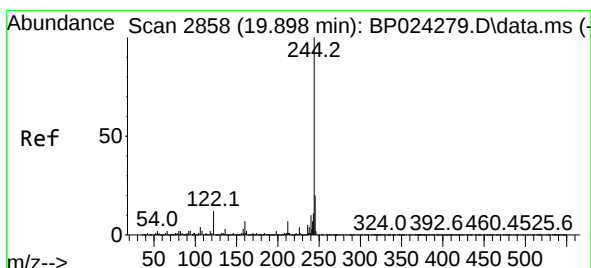
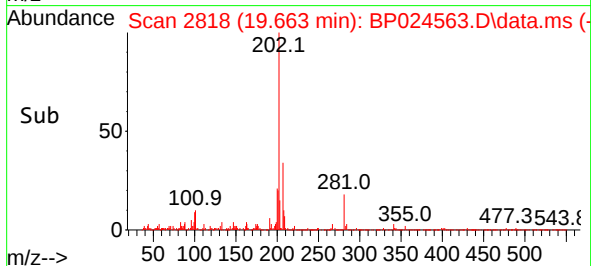
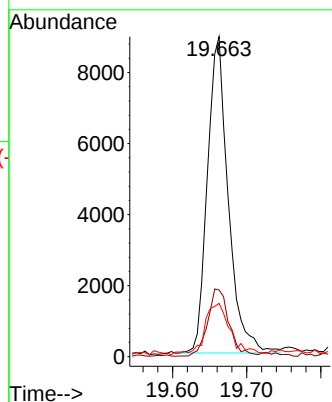
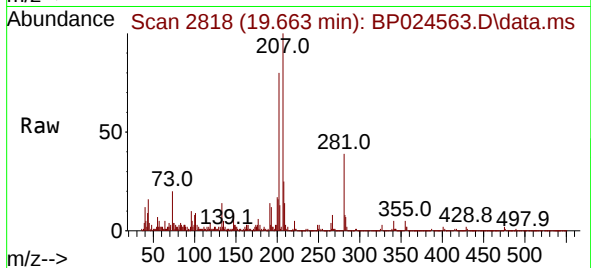
Tgt Ion:202 Resp: 17444

Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 16.6 14.4 21.6



#79

Terphenyl-d14

Concen: 363.065 ng

RT: 19.875 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP024563.D

Acq: 07 May 2025 14:41

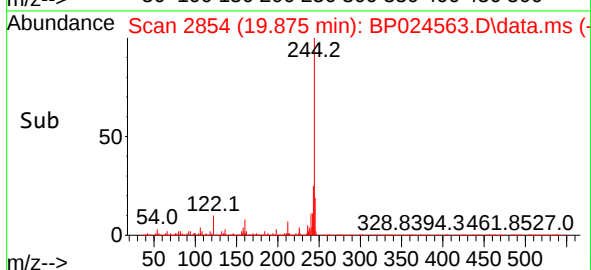
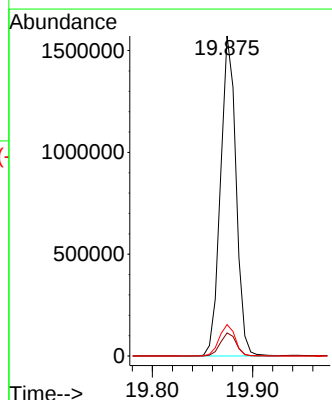
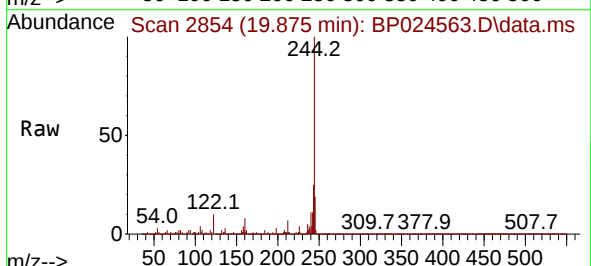
Tgt Ion:244 Resp: 1689854

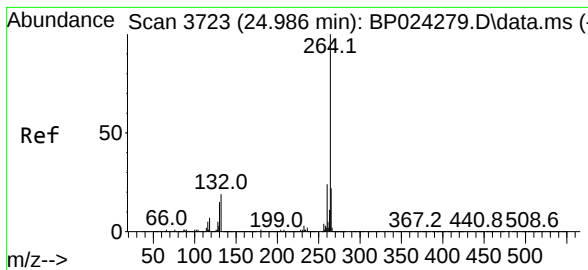
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.8 9.4 14.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.945 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024563.D
Acq: 07 May 2025 14:41

Instrument :
BNA_P
ClientSampleId :
MH-P

Tgt Ion:	264	Resp:	2581
Ion	Ratio	Lower	Upper
264	100		
260	229.0	18.9	28.3#
265	214.3	17.8	26.6#

