

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
 Data File : BP024914.D
 Acq On : 11 Jun 2025 16:24
 Operator : RC/JU
 Sample : Q2244-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHC

Quant Time: Jun 11 16:59:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

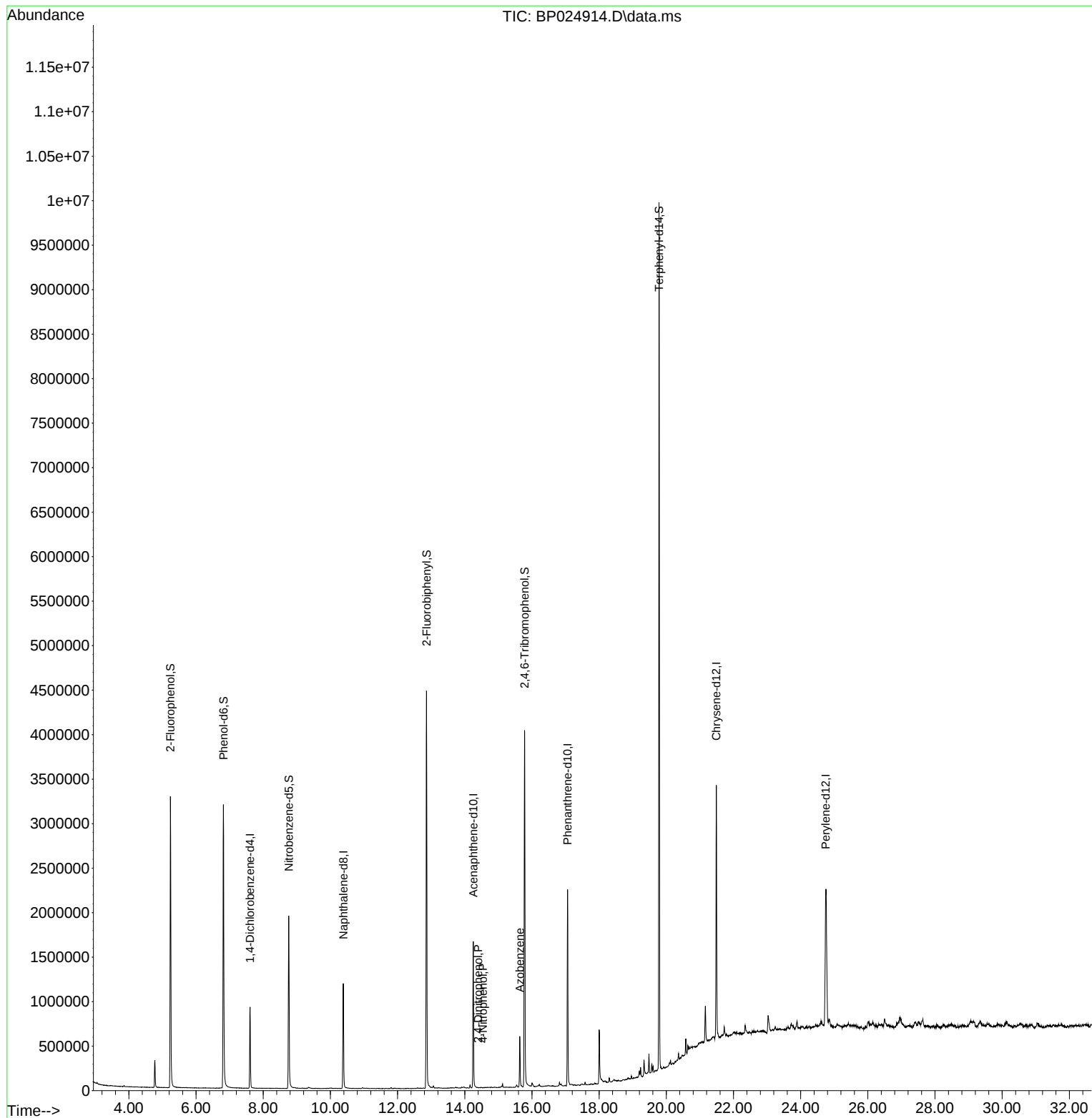
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	248278	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	971478	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	592914	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1262811	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1556689	20.000	ng	0.00
86) Perylene-d12	24.748	264	1879130	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1538689	103.448	ng	0.00
7) Phenol-d6	6.813	99	2029858	103.144	ng	0.00
23) Nitrobenzene-d5	8.760	82	1208267	60.437	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	951096	116.025	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	2409377	54.742	ng	0.00
79) Terphenyl-d14	19.783	244	4624826	53.247	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.401	184	11	5.565	ng	# 1
56) 4-Nitrophenol	14.542	139	82	5.418	ng	# 55
63) Azobenzene	15.636	77	171974	4.302	ng	# 1

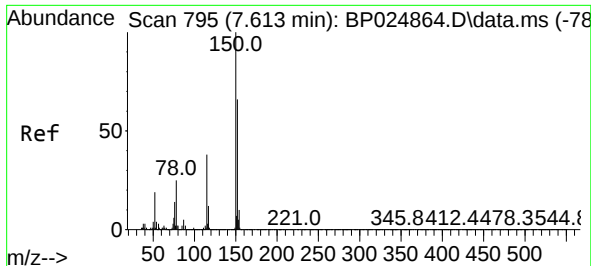
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024914.D
Acq On : 11 Jun 2025 16:24
Operator : RC/JU
Sample : Q2244-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP03-MHC

Quant Time: Jun 11 16:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

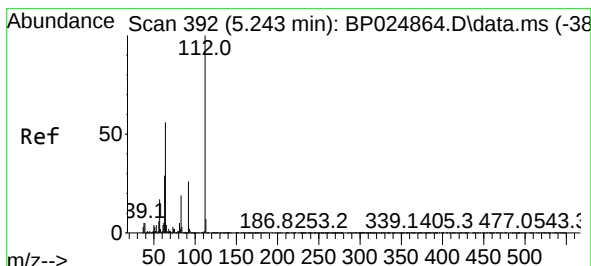
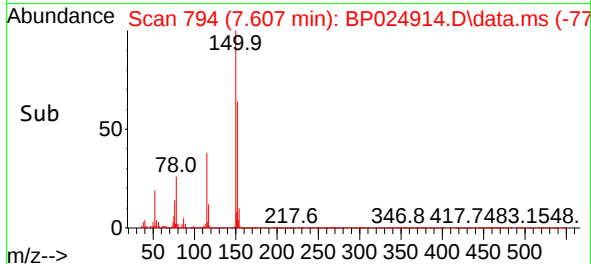
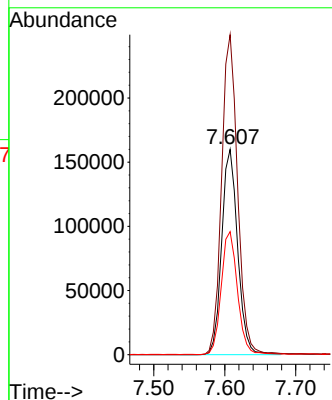
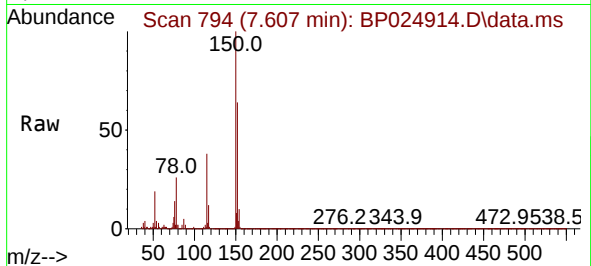




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

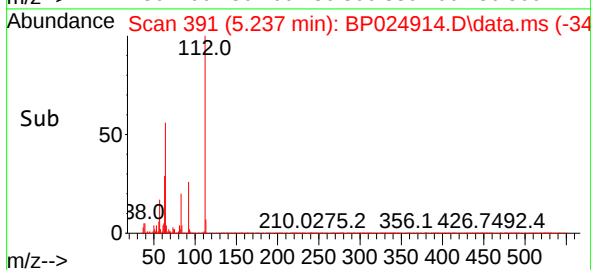
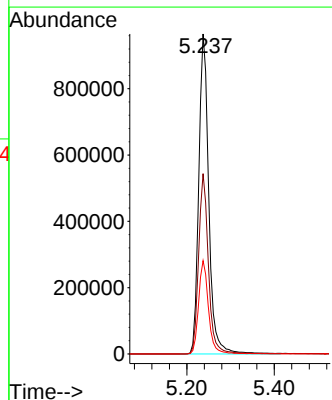
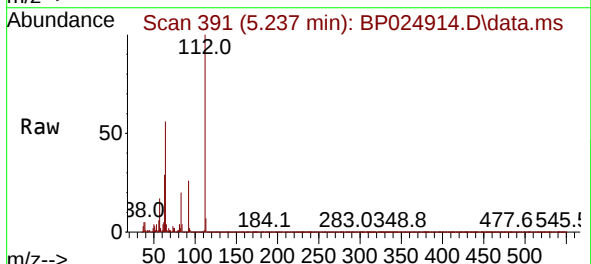
Instrument :
BNA_P
ClientSampleId :
TP03-MHC

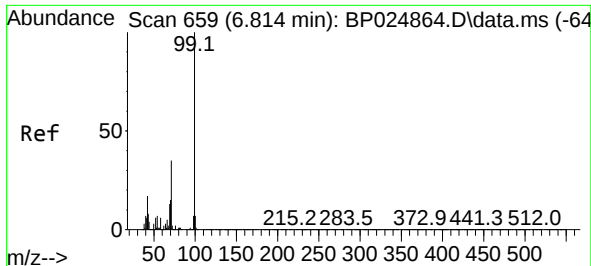
Tgt Ion:152 Resp: 248278
Ion Ratio Lower Upper
152 100
150 155.8 122.1 183.1
115 59.9 46.4 69.6



#5
2-Fluorophenol
Concen: 103.448 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

Tgt Ion:112 Resp: 1538689
Ion Ratio Lower Upper
112 100
64 56.4 44.7 67.1
63 29.1 23.5 35.3

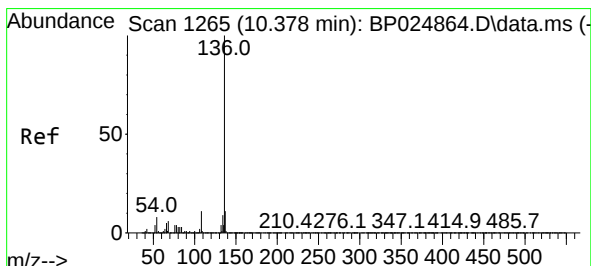
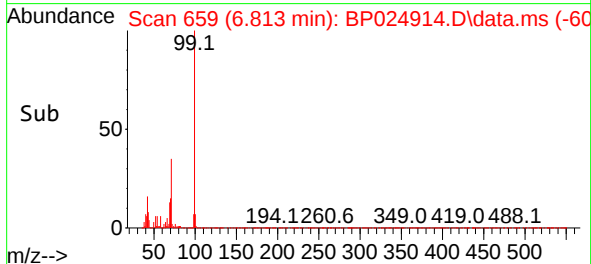
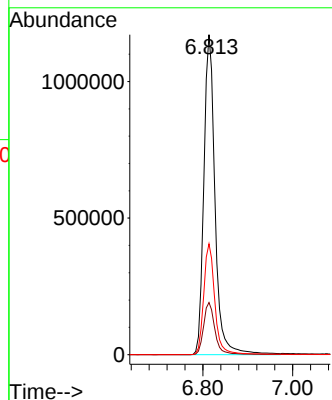
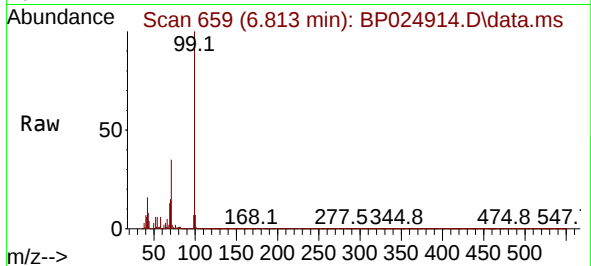




#7
Phenol-d6
Concen: 103.144 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

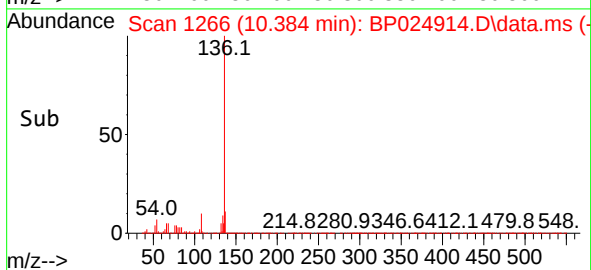
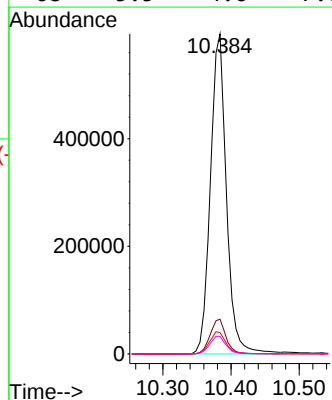
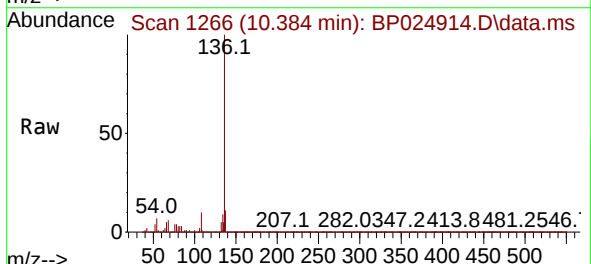
Instrument :
BNA_P
ClientSampleId :
TP03-MHC

Tgt Ion: 99 Resp: 2029858
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 34.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

Tgt Ion:136 Resp: 971478
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.7 6.1 9.1
68 5.5 4.6 7.0

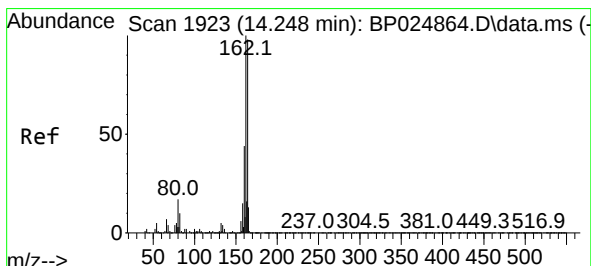
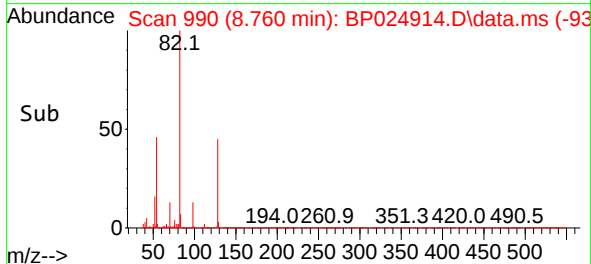
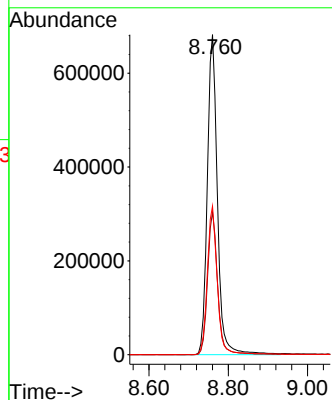
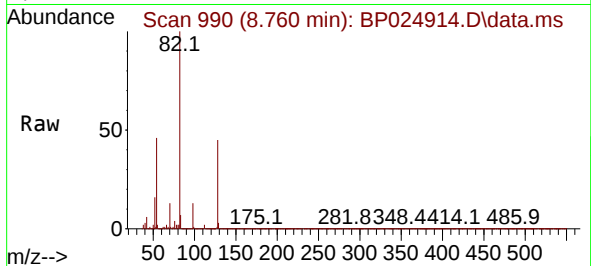




#23
 Nitrobenzene-d5
 Concen: 60.437 ng
 RT: 8.760 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: BP024914.D
 Acq: 11 Jun 2025 16:24

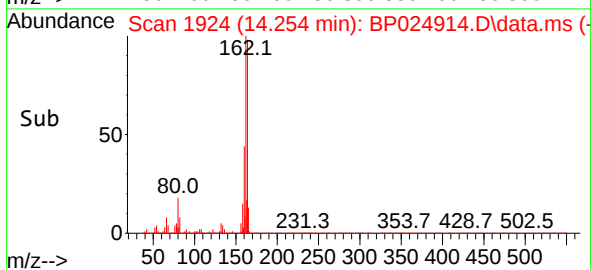
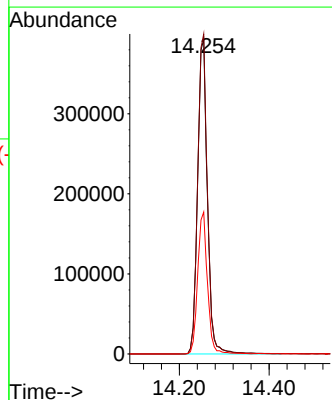
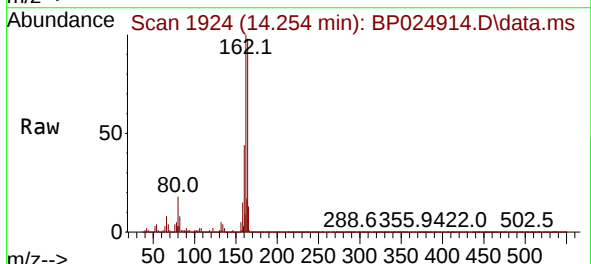
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHC

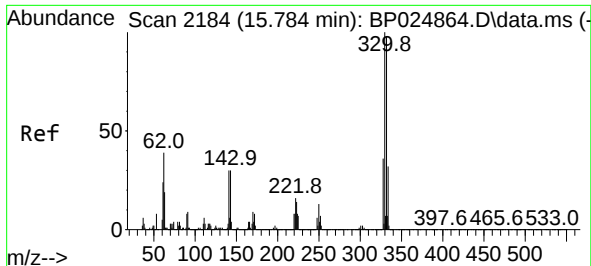
Tgt Ion: 82 Resp: 1208267
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.3 52.9
 54 46.5 37.4 56.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.254 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BP024914.D
 Acq: 11 Jun 2025 16:24

Tgt Ion:164 Resp: 592914
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.6 122.4
 160 45.1 36.2 54.2

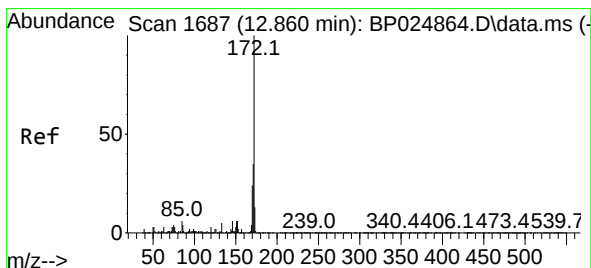
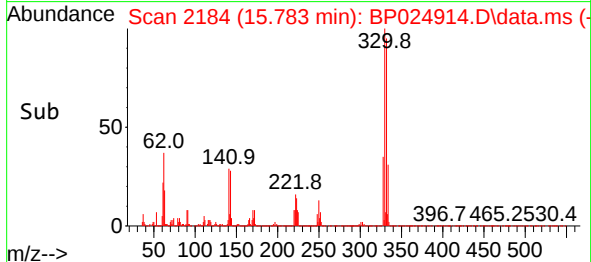
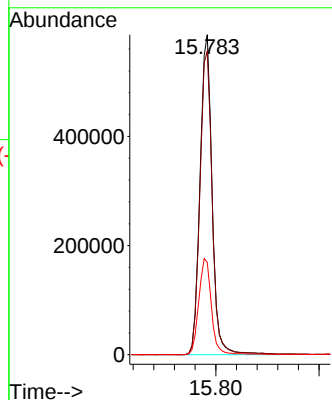
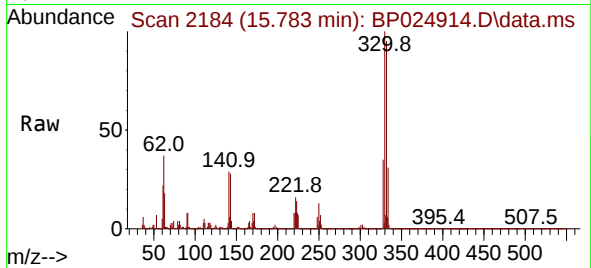




#42
2,4,6-Tribromophenol
Concen: 116.025 ng
RT: 15.783 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

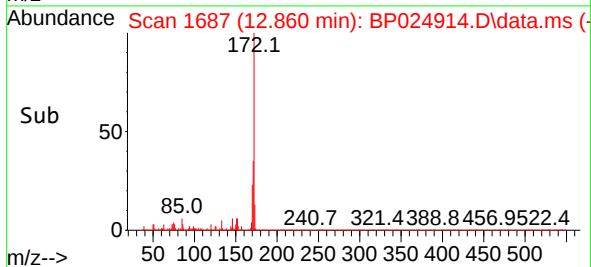
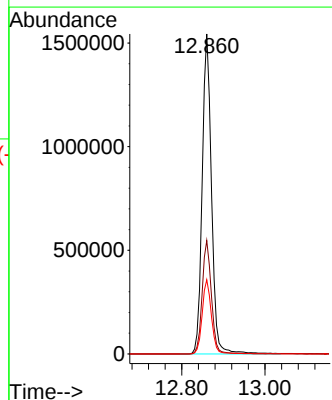
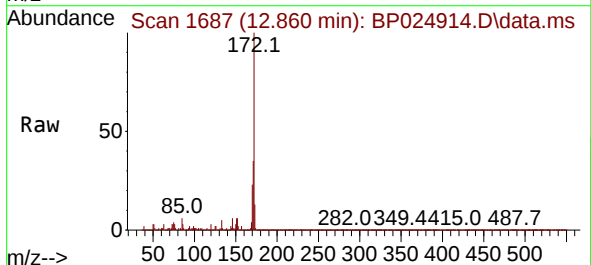
Instrument :
BNA_P
ClientSampleId :
TP03-MHC

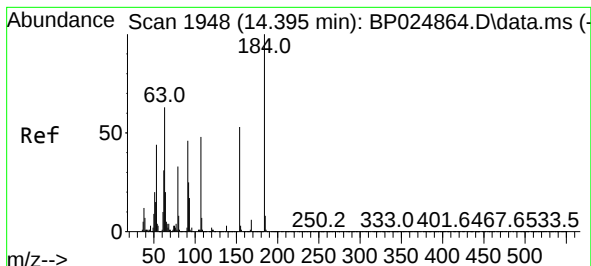
Tgt Ion:330 Resp: 951096
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 31.4 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 54.742 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

Tgt Ion:172 Resp: 2409377
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.565 ng

RT: 14.401 min Scan# 1949

Delta R.T. 0.006 min

Lab File: BP024914.D

Acq: 11 Jun 2025 16:24

Instrument :

BNA_P

ClientSampleId :

TP03-MHC

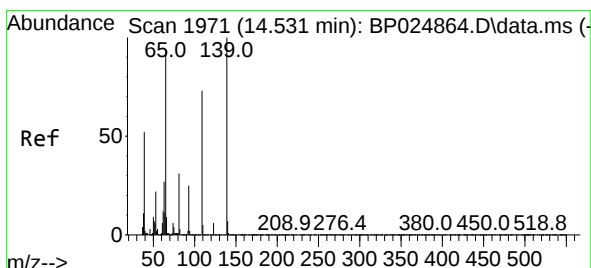
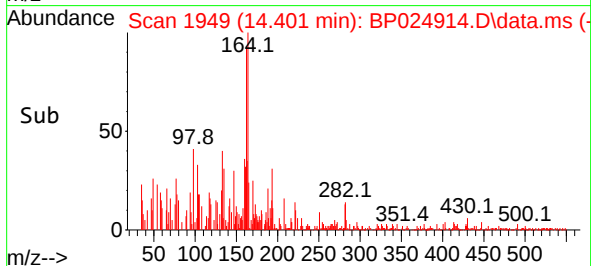
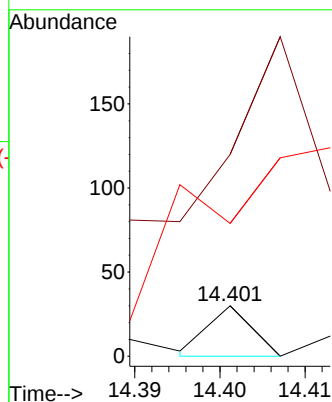
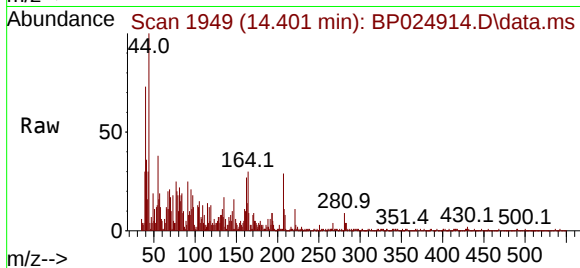
Tgt Ion:184 Resp: 11

Ion Ratio Lower Upper

184 100

63 210.5 51.0 76.4#

154 138.6 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.418 ng

RT: 14.542 min Scan# 1973

Delta R.T. 0.011 min

Lab File: BP024914.D

Acq: 11 Jun 2025 16:24

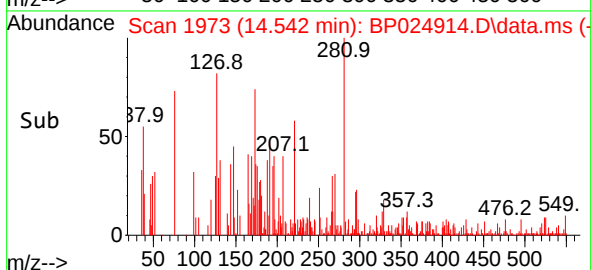
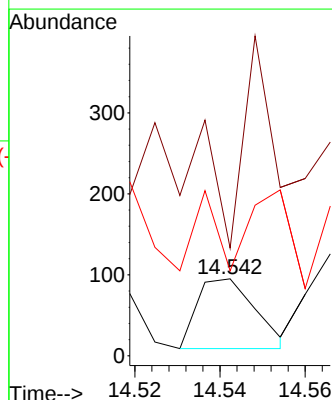
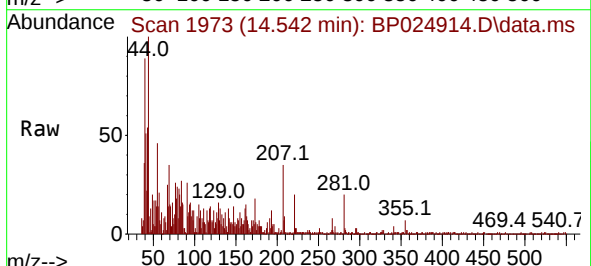
Tgt Ion:139 Resp: 82

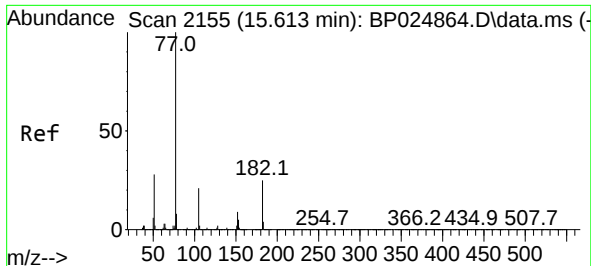
Ion Ratio Lower Upper

139 100

109 140.0 53.1 93.1#

65 110.5 73.0 113.0

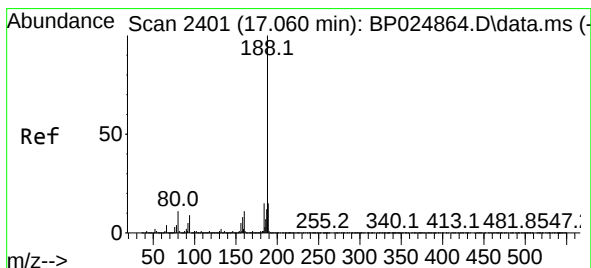
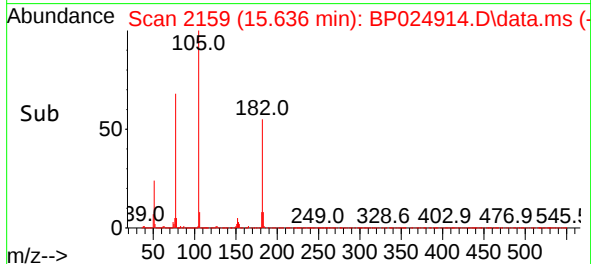
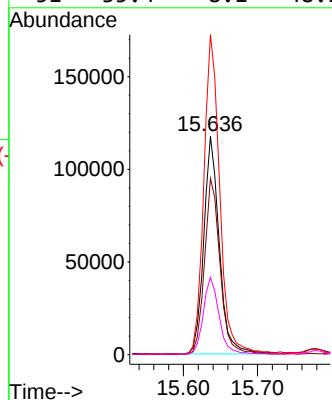
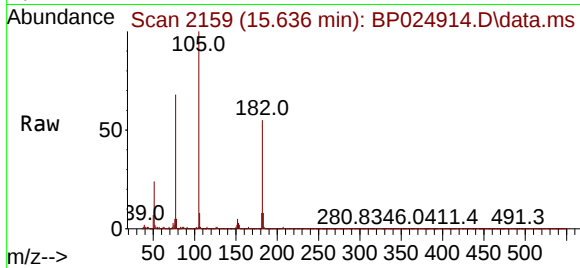




#63
Azobenzene
Concen: 4.302 ng
RT: 15.636 min Scan# 2155
Delta R.T. 0.023 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

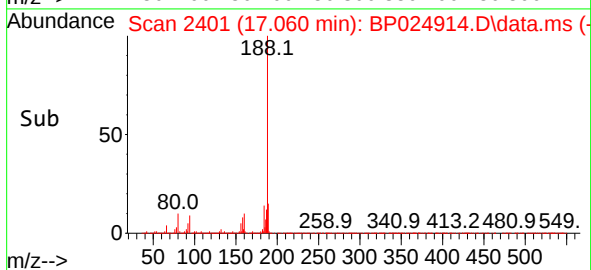
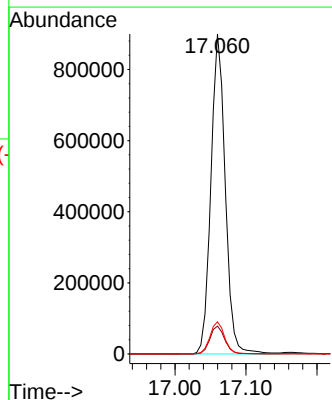
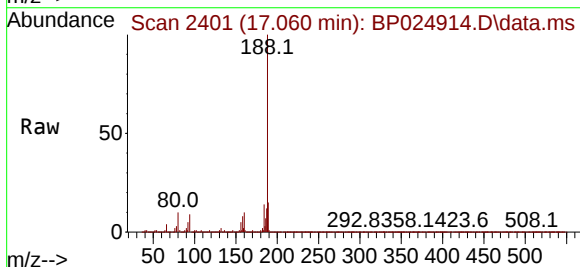
Instrument :
BNA_P
ClientSampleId :
TP03-MHC

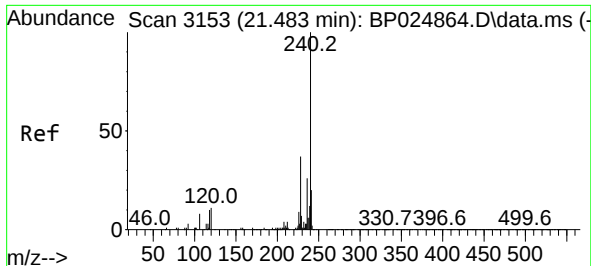
Tgt Ion: 77 Resp: 171974
Ion Ratio Lower Upper
77 100
182 80.7 5.4 45.4#
105 146.5 0.8 40.8#
51 35.4 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

Tgt Ion: 188 Resp: 1262811
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 10.0 8.5 12.7

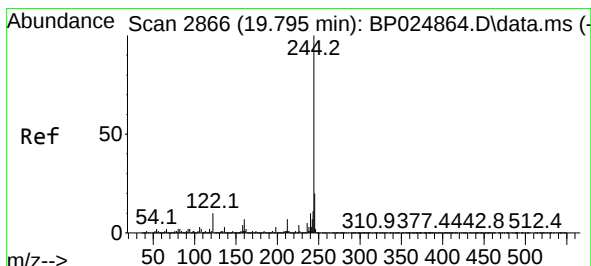
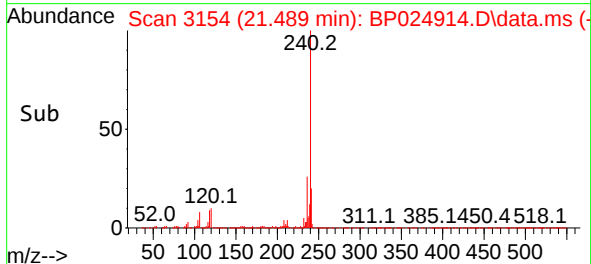
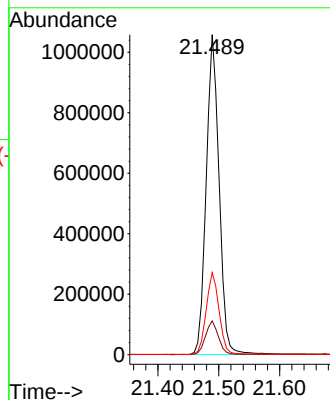
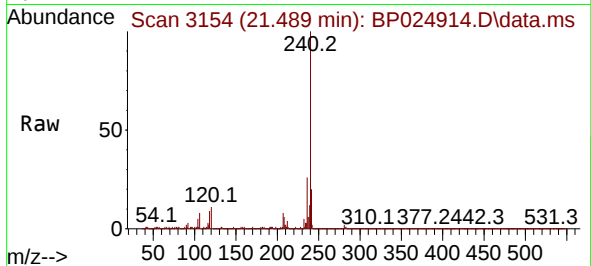




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

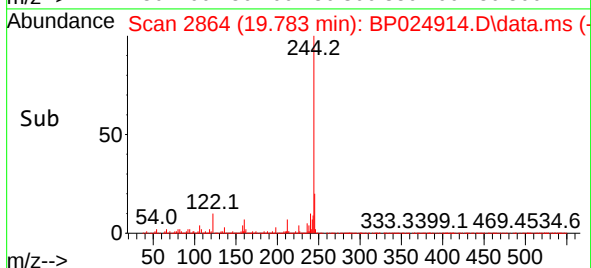
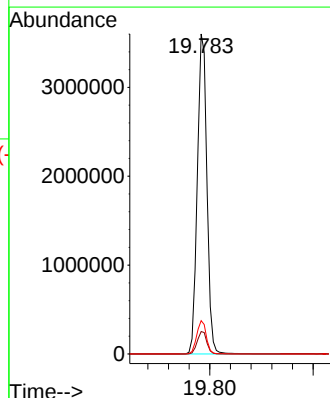
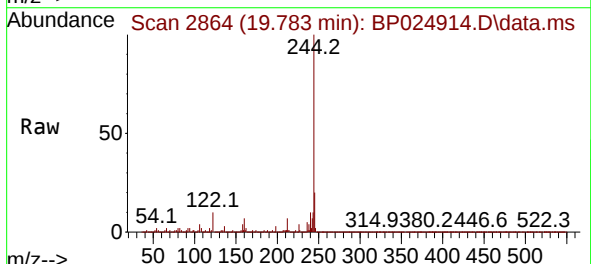
Instrument :
BNA_P
ClientSampleId :
TP03-MHC

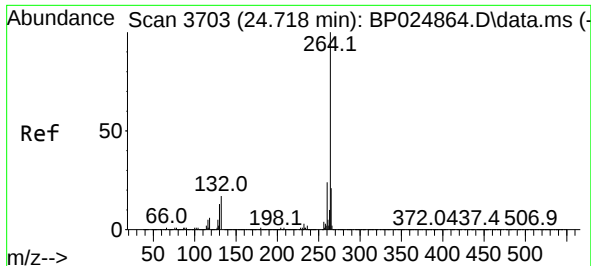
Tgt Ion:240 Resp: 1556689
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 53.247 ng
RT: 19.783 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

Tgt Ion:244 Resp: 4624826
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.4 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.748 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP024914.D
Acq: 11 Jun 2025 16:24

Instrument :
BNA_P
ClientSampleId :
TP03-MHC

Tgt Ion:264 Resp: 1879130
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 22.3 17.4 26.0

