

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
 Data File : BP024912.D
 Acq On : 11 Jun 2025 15:02
 Operator : RC/JU
 Sample : Q2228-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP08-MHI-WC

Quant Time: Jun 11 16:02:24 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)

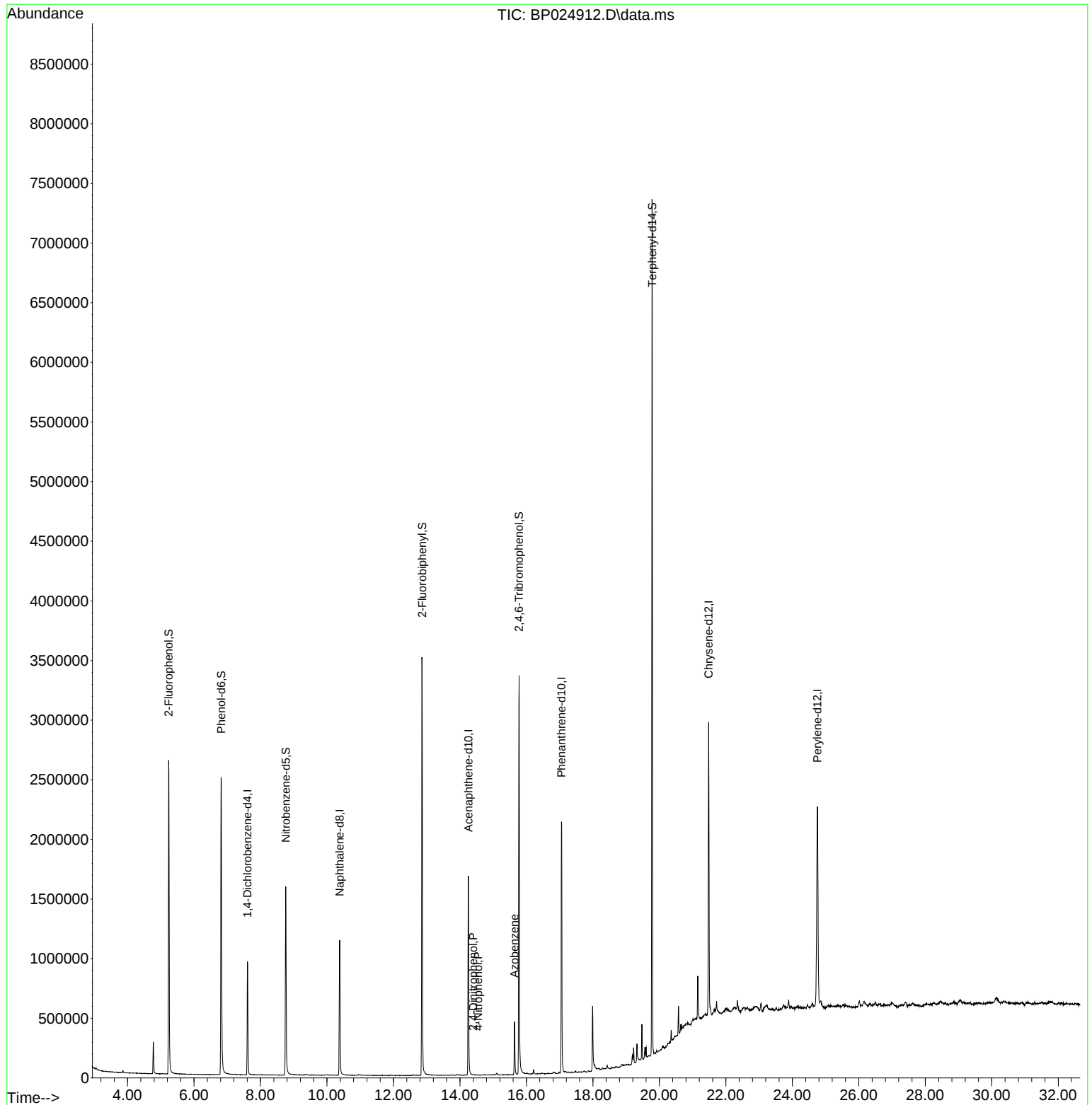
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	274222	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1054403	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	632816	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1257416	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1490128	20.000	ng	0.00
86) Perylene-d12	24.754	264	1827002	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1265145	77.010	ng	0.00
7) Phenol-d6	6.813	99	1692980	77.887	ng	0.00
23) Nitrobenzene-d5	8.760	82	983940	45.346	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	729318	83.360	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	1948487	41.479	ng	0.00
79) Terphenyl-d14	19.783	244	3504079	42.145	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.395	184	30	5.568	ng	# 1
56) 4-Nitrophenol	14.548	139	42	5.414	ng	96
63) Azobenzene	15.642	77	132348	3.102	ng	# 1

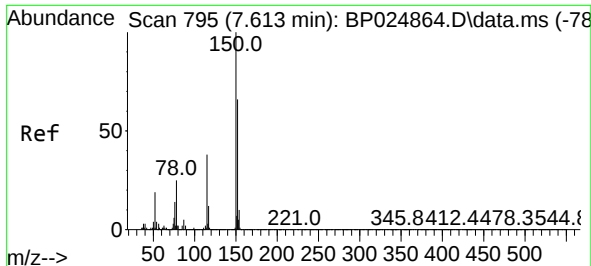
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
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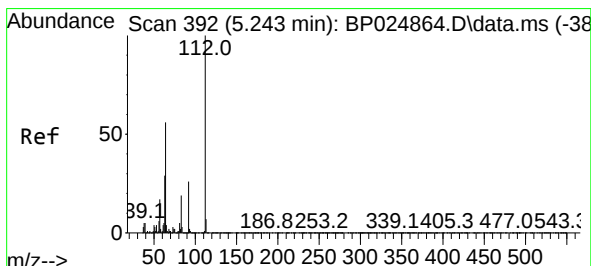
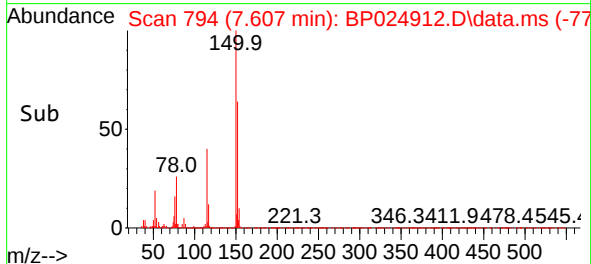
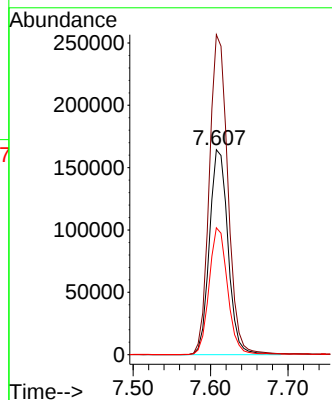
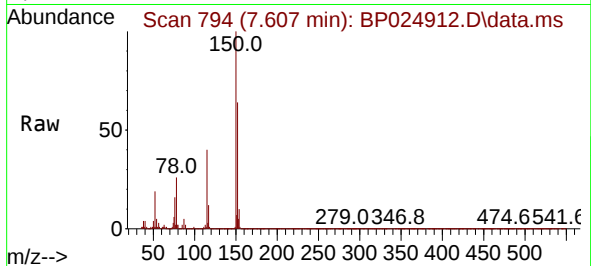




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

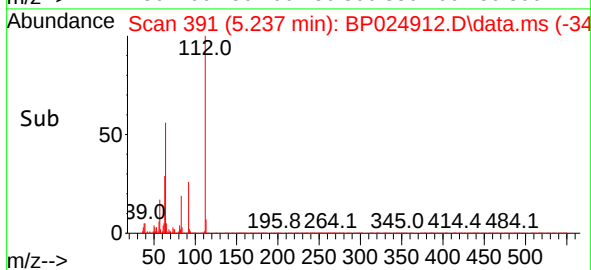
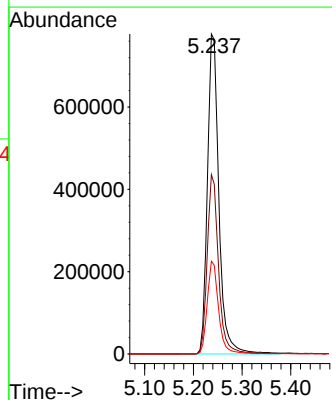
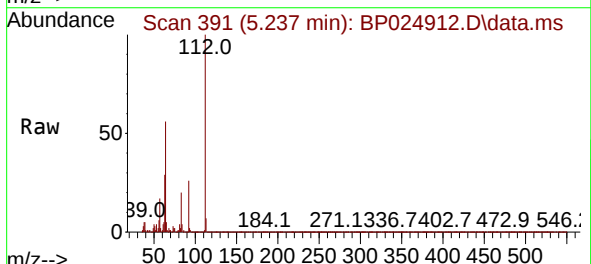
Instrument :
BNA_P
ClientSampleId :
TP08-MHI-WC

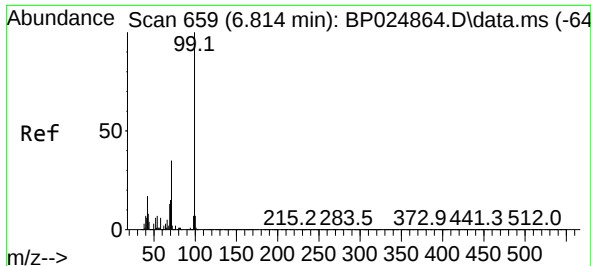
Tgt Ion:152 Resp: 274222
Ion Ratio Lower Upper
152 100
150 156.1 122.1 183.1
115 61.9 46.4 69.6



#5
2-Fluorophenol
Concen: 77.010 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

Tgt Ion:112 Resp: 1265145
Ion Ratio Lower Upper
112 100
64 56.0 44.7 67.1
63 29.0 23.5 35.3



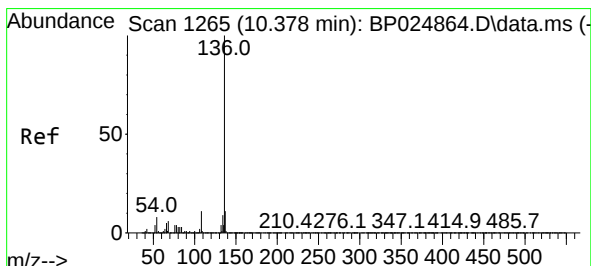
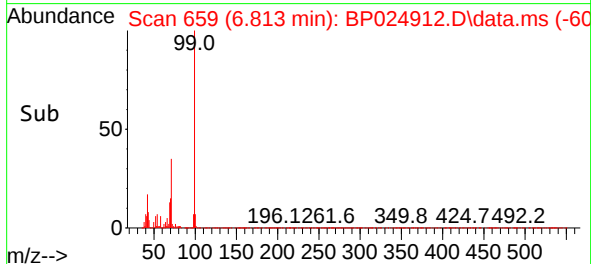
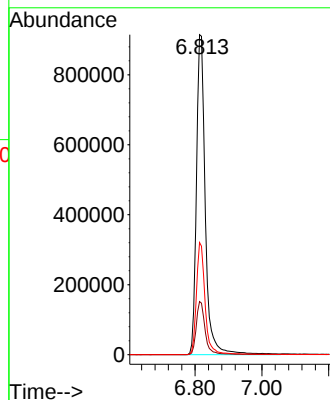
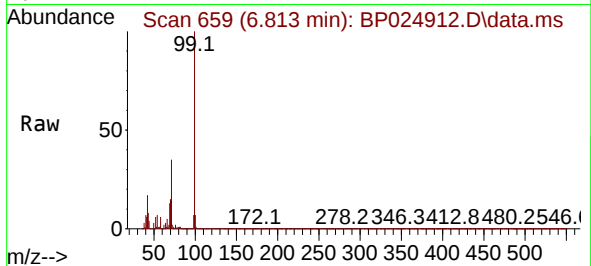


#7
Phenol-d6
Concen: 77.887 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

Instrument :
BNA_P
ClientSampleId :
TP08-MHI-WC

Tgt Ion: 99 Resp: 1692980

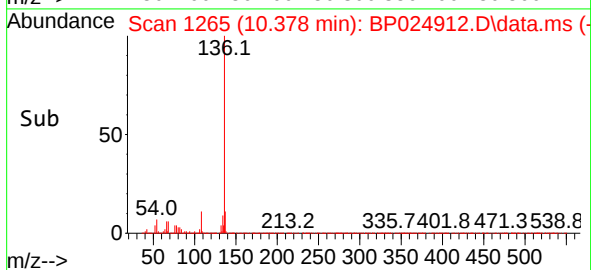
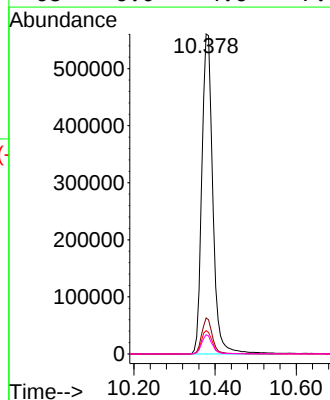
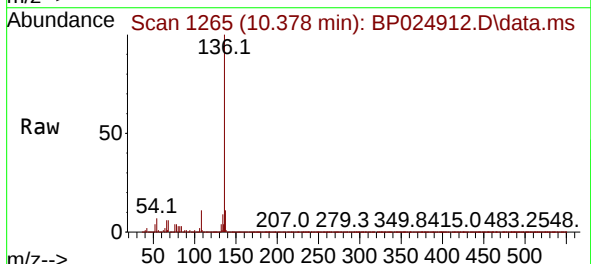
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	35.0	27.6	41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

Tgt Ion:136 Resp: 1054403

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.1	9.1
68	6.0	4.6	7.0

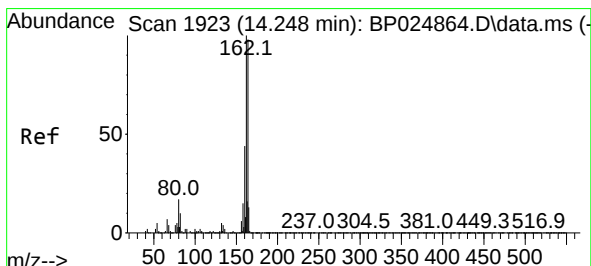
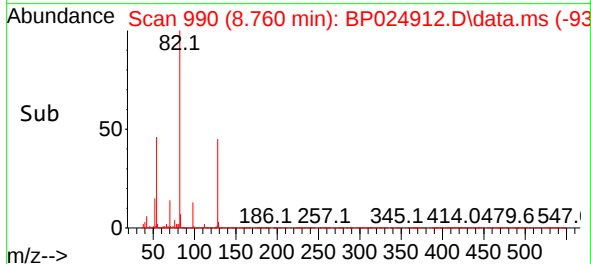
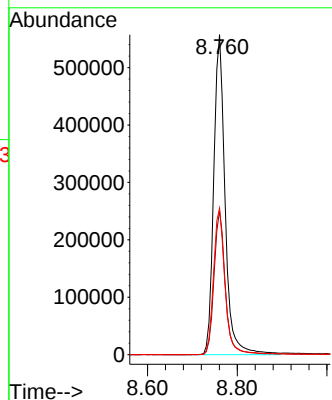
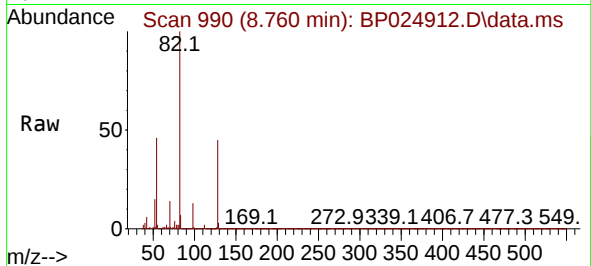




#23
Nitrobenzene-d5
Concen: 45.346 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

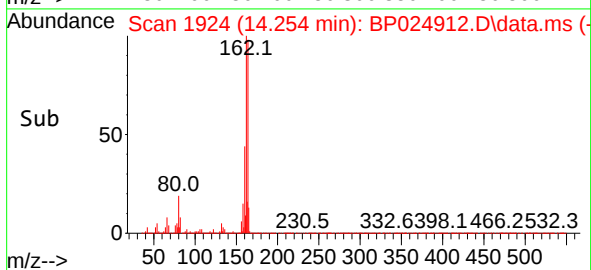
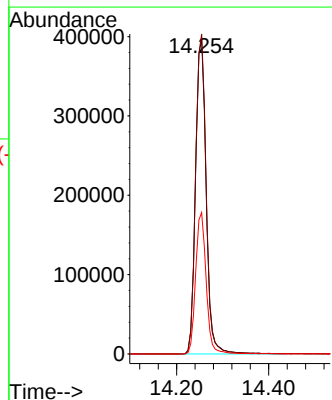
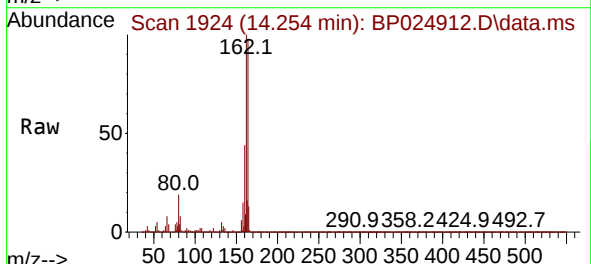
Instrument :
BNA_P
ClientSampleId :
TP08-MHI-WC

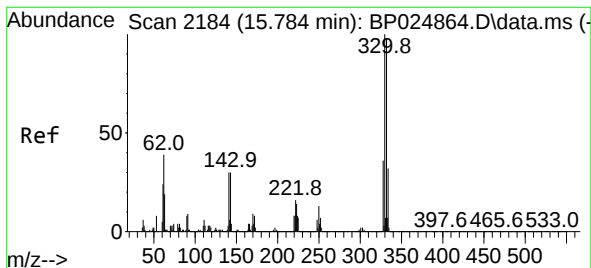
Tgt Ion: 82 Resp: 983940
Ion Ratio Lower Upper
82 100
128 45.0 35.3 52.9
54 45.8 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

Tgt Ion:164 Resp: 632816
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 44.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 83.360 ng

RT: 15.778 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024912.D

Acq: 11 Jun 2025 15:02

Instrument :

BNA_P

ClientSampleId :

TP08-MHI-WC

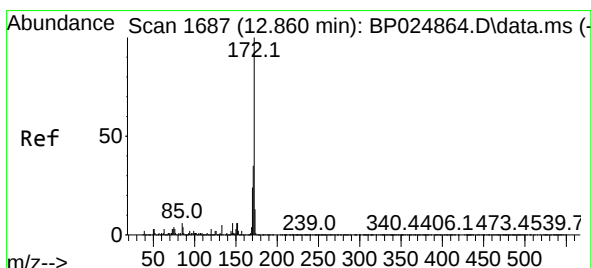
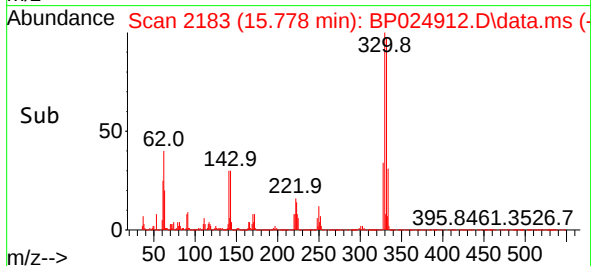
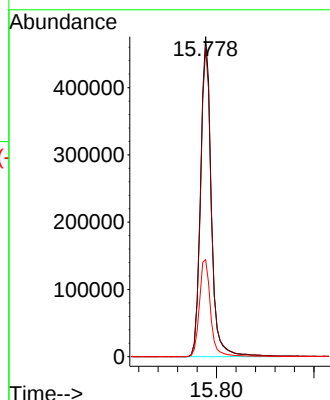
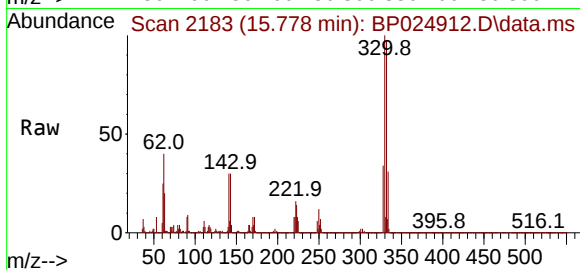
Tgt Ion:330 Resp: 729318

Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

141 31.6 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 41.479 ng

RT: 12.860 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BP024912.D

Acq: 11 Jun 2025 15:02

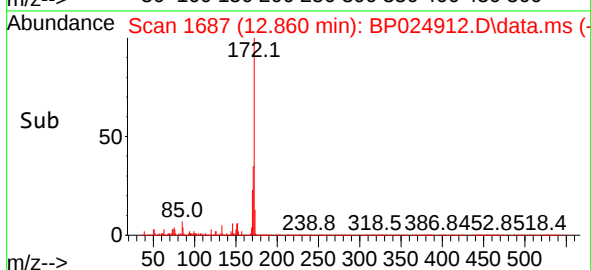
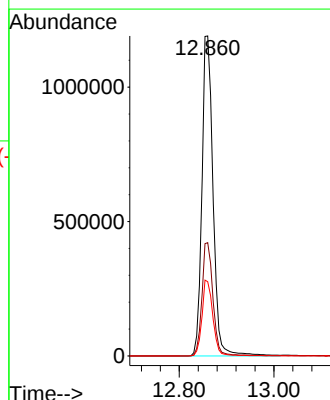
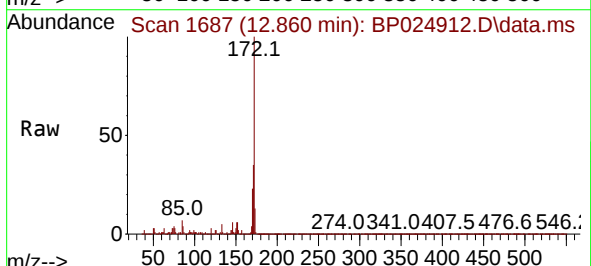
Tgt Ion:172 Resp: 1948487

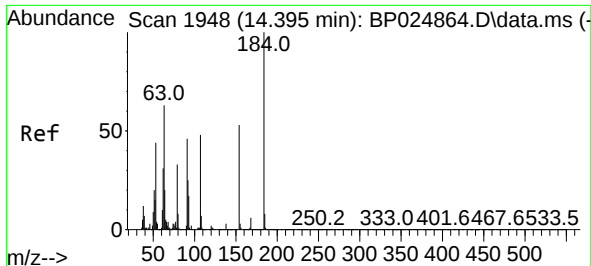
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.4

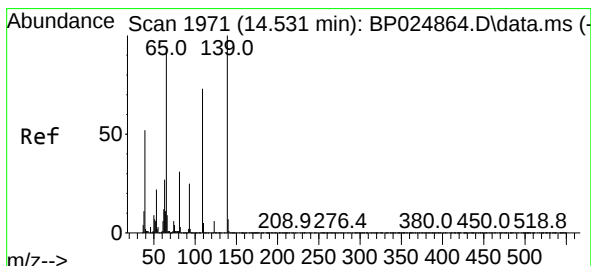
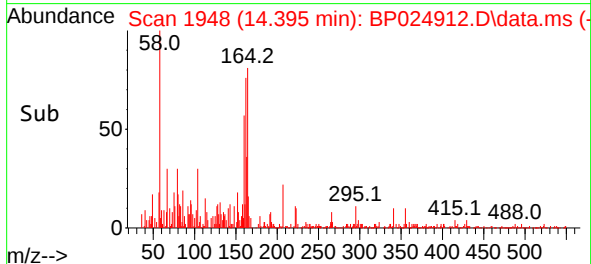
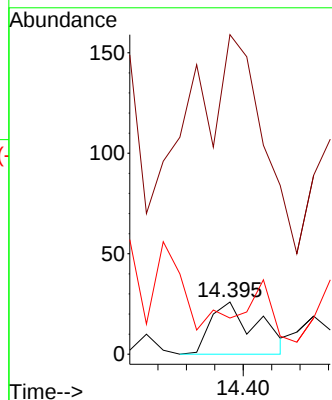
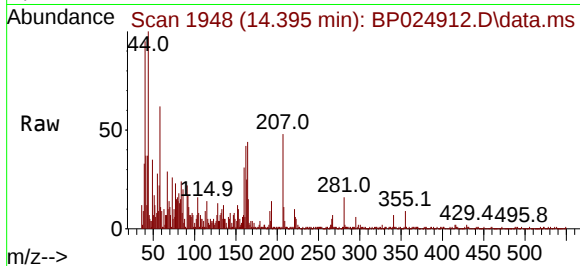




#54
2,4-Dinitrophenol
Concen: 5.568 ng
RT: 14.395 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

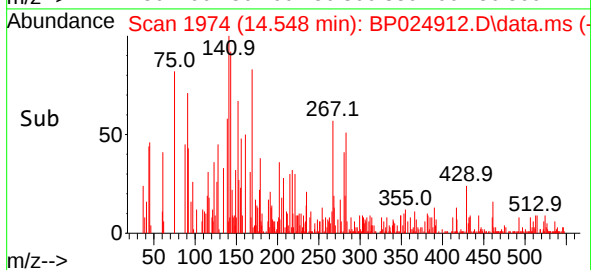
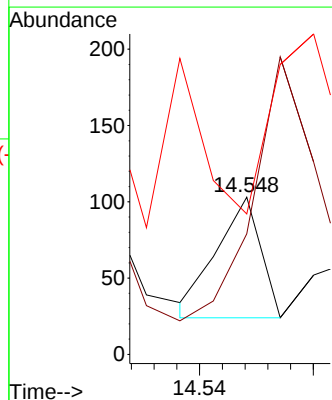
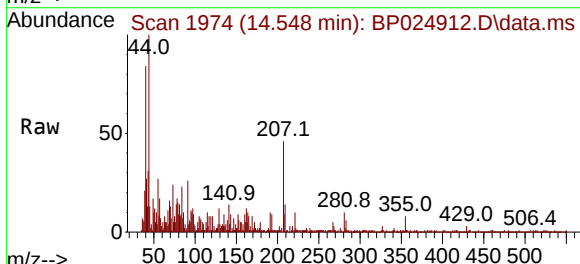
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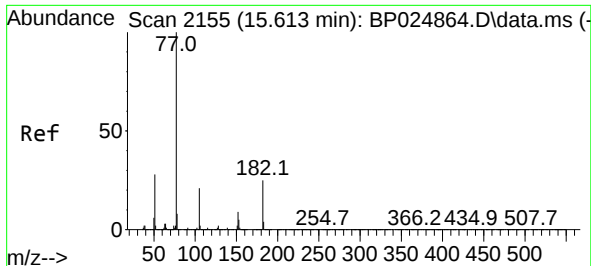
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 611.5 51.0 76.4#
154 69.2 51.7 77.5



#56
4-Nitrophenol
Concen: 5.414 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

Tgt Ion:139 Resp: 42
Ion Ratio Lower Upper
139 100
109 76.7 53.1 93.1
65 89.3 73.0 113.0

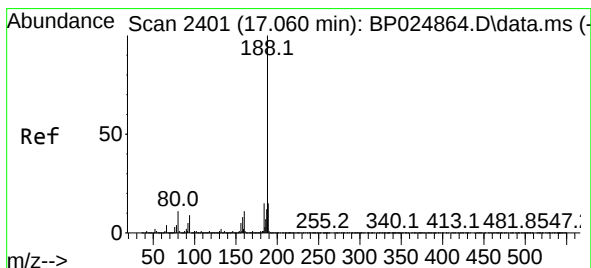
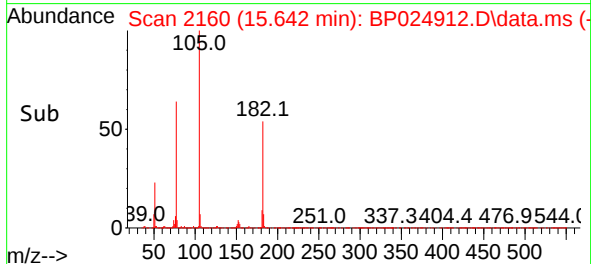
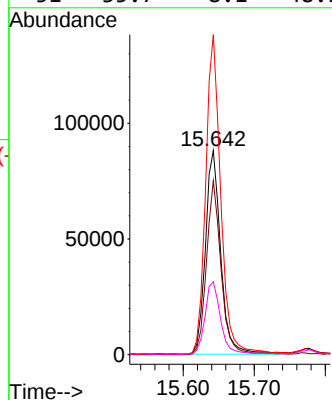
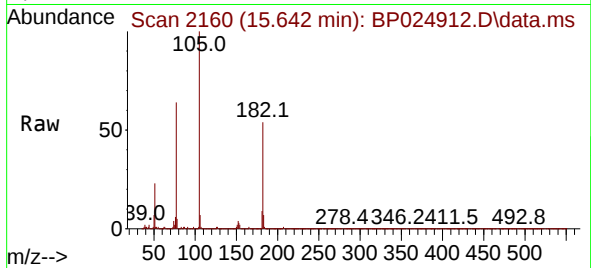




#63
Azobenzene
Concen: 3.102 ng
RT: 15.642 min Scan# 2155
Delta R.T. 0.029 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

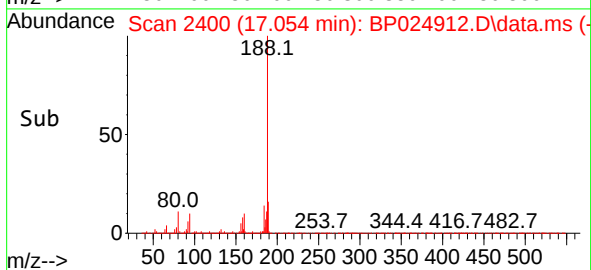
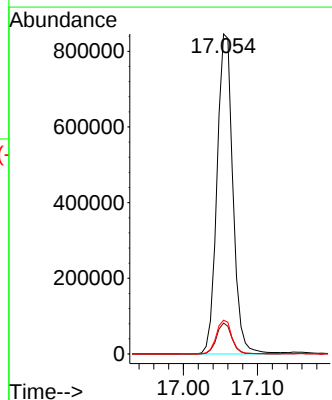
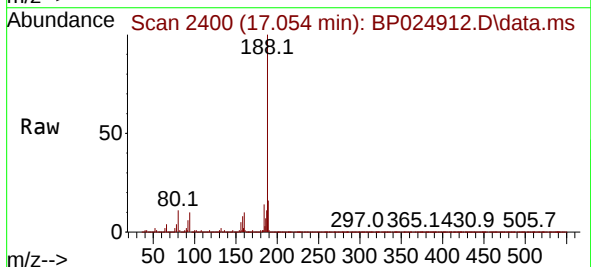
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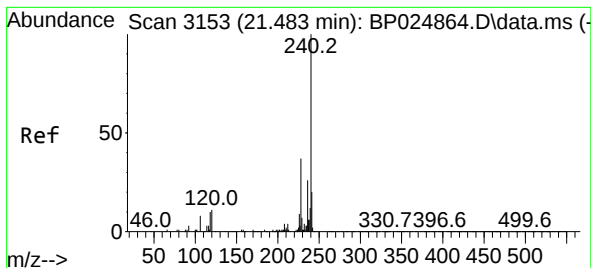
Tgt Ion: 77 Resp: 132348
Ion Ratio Lower Upper
77 100
182 85.3 5.4 45.4#
105 156.8 0.8 40.8#
51 35.7 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024912.D
Acq: 11 Jun 2025 15:02

Tgt Ion: 188 Resp: 1257416
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.5 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.483 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024912.D

Acq: 11 Jun 2025 15:02

Instrument :

BNA_P

ClientSampleId :

TP08-MHI-WC

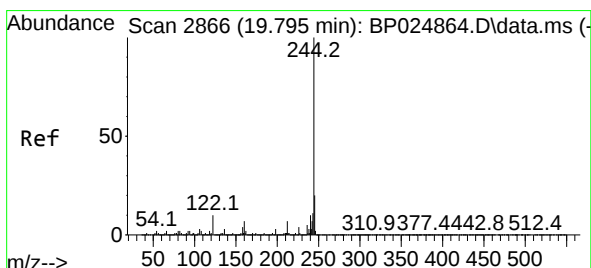
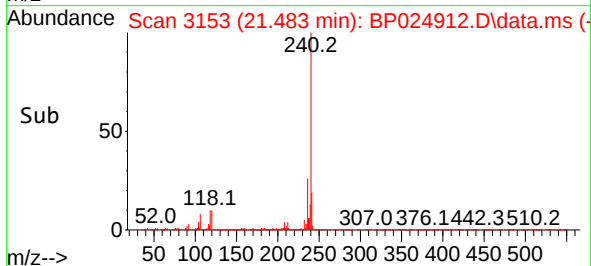
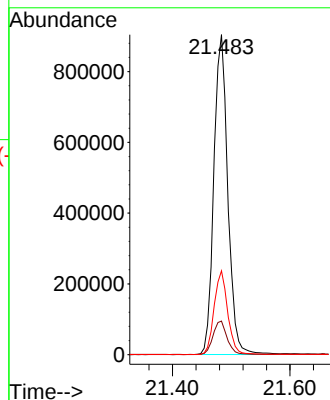
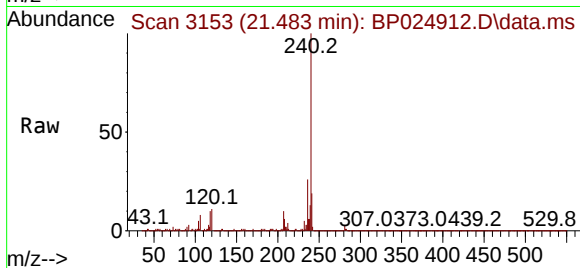
Tgt Ion:240 Resp: 1490128

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 42.145 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024912.D

Acq: 11 Jun 2025 15:02

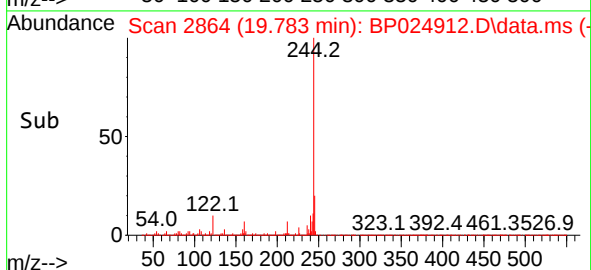
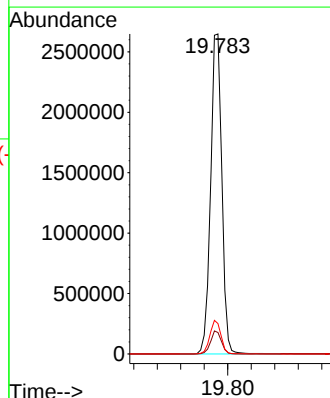
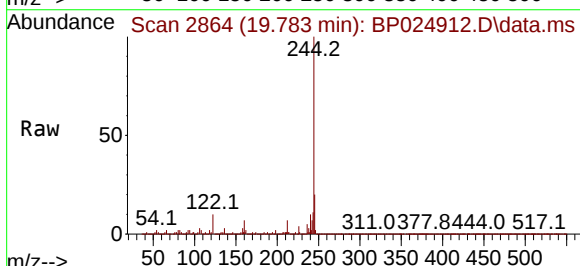
Tgt Ion:244 Resp: 3504079

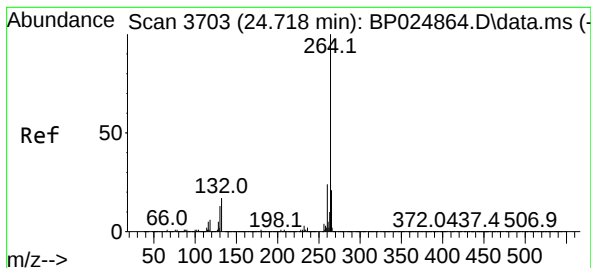
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.5 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP024912.D

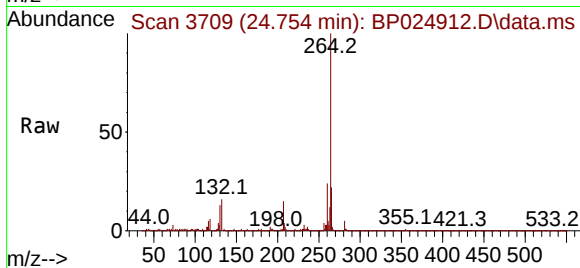
Acq: 11 Jun 2025 15:02

Instrument :

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TP08-MHI-WC



Tgt Ion:264 Resp: 1827002

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 22.4 17.4 26.0

