

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025024.D
 Acq On : 20 Jun 2025 19:06
 Operator : RC/JU
 Sample : Q2355-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3897

Quant Time: Jun 20 22:36:39 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)

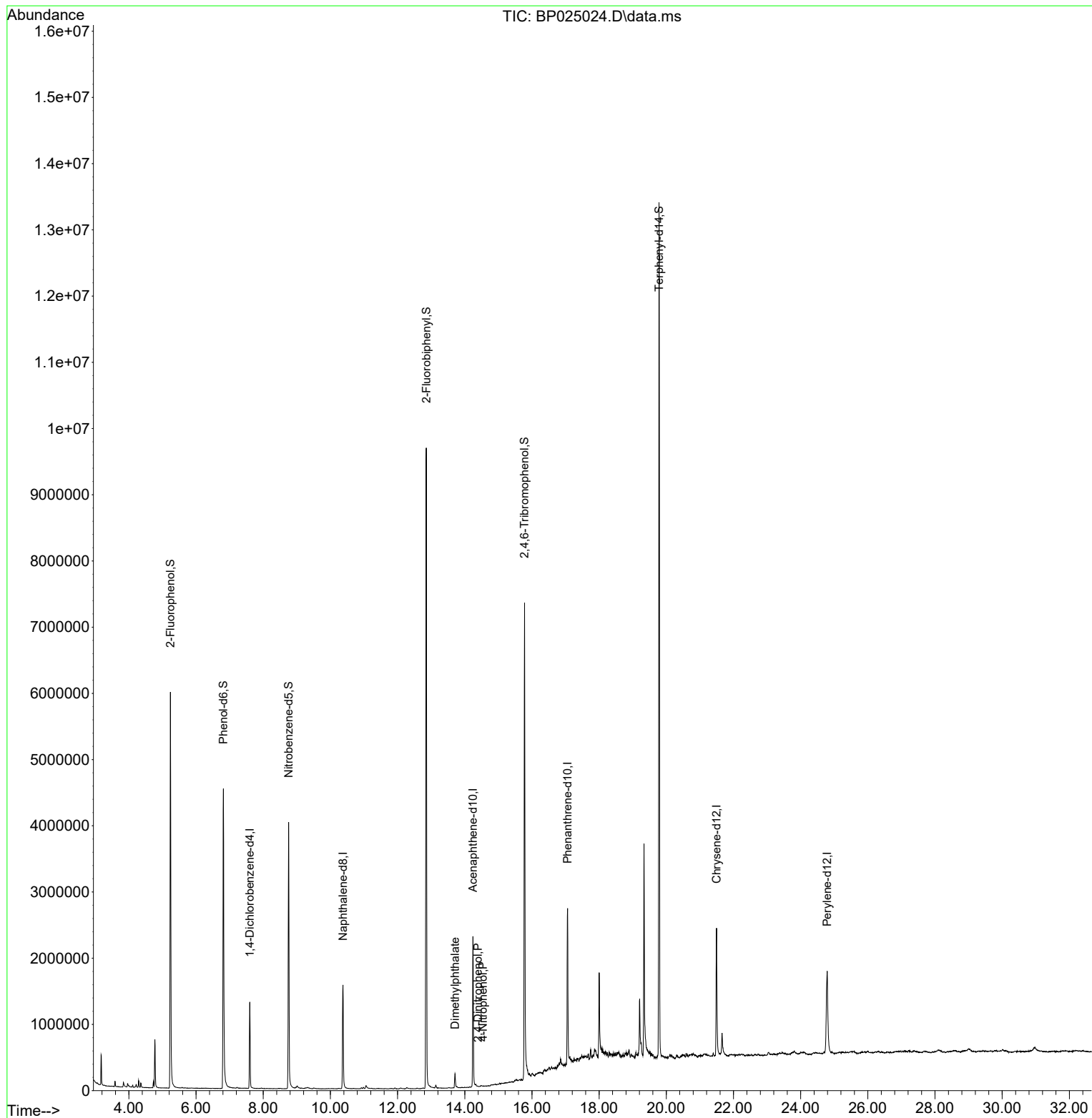
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	378965	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1426860	20.000	ng	0.00
39) Acenaphthene-d10	14.242	164	864289	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1586084	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1330454	20.000	ng	0.01
86) Perylene-d12	24.789	264	1457823	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2891956	127.380	ng	0.00
7) Phenol-d6	6.813	99	3193220	106.303	ng	0.00
23) Nitrobenzene-d5	8.754	82	2407913	82.004	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1810391	151.506	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	5405223	84.248	ng	0.00
79) Terphenyl-d14	19.783	244	7272411	97.966	ng	-0.01
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.707	163	195693	3.069	ng	100
54) 2,4-Dinitrophenol	14.395	184	31	5.567	ng	# 1
56) 4-Nitrophenol	14.542	139	91	5.416	ng	# 1

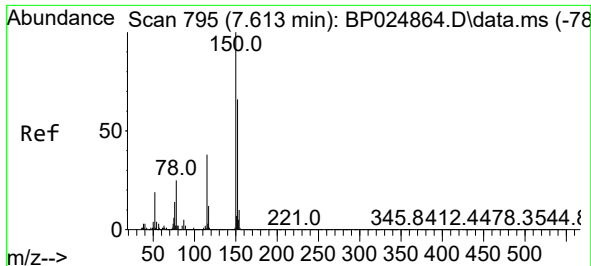
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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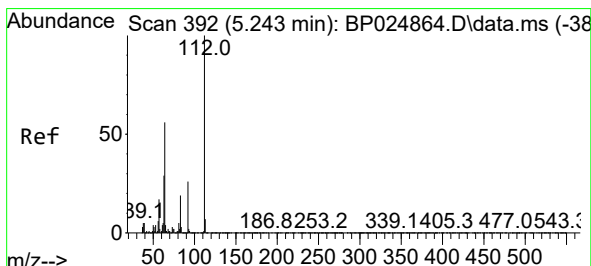
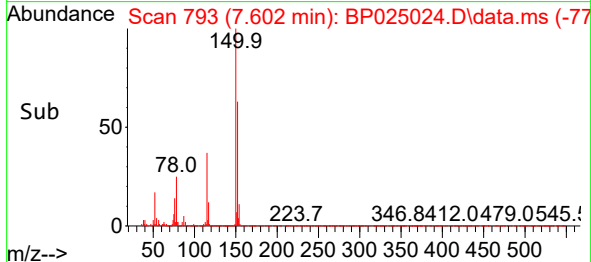
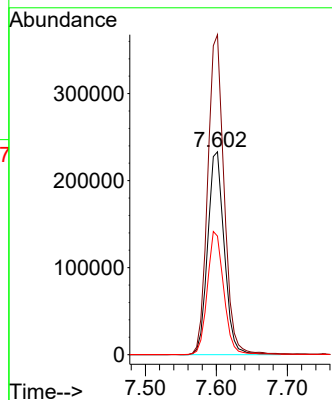
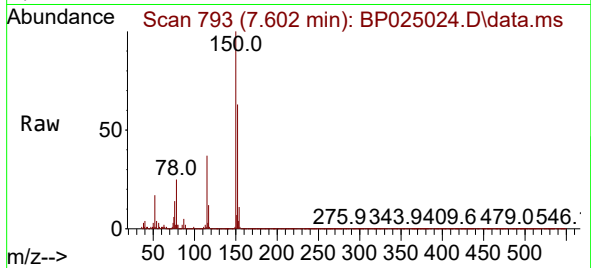




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

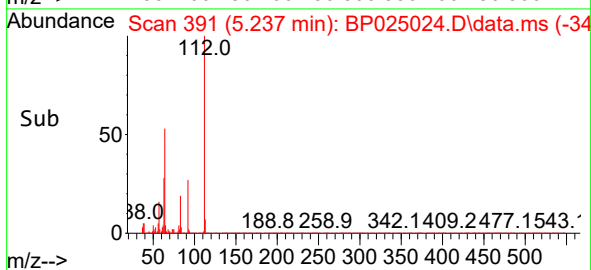
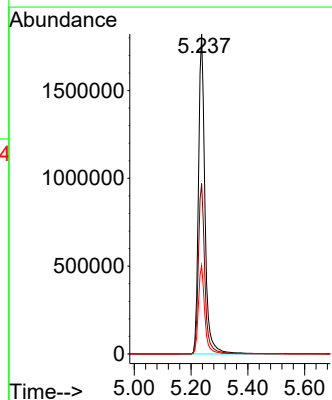
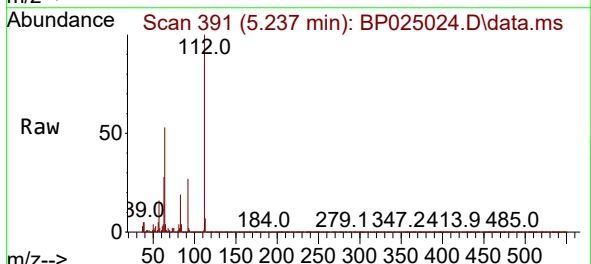
Instrument :
BNA_P
ClientSampleId :
3897

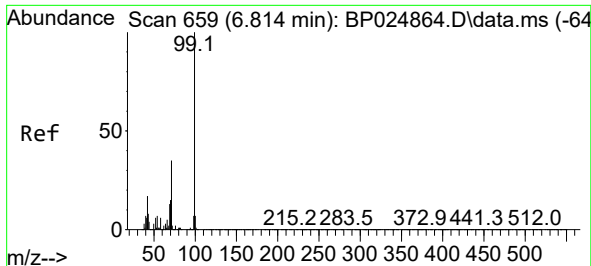
Tgt Ion:152 Resp: 378965
Ion Ratio Lower Upper
152 100
150 157.7 122.1 183.1
115 58.4 46.4 69.6



#5
2-Fluorophenol
Concen: 127.380 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

Tgt Ion:112 Resp: 2891956
Ion Ratio Lower Upper
112 100
64 53.3 44.7 67.1
63 27.6 23.5 35.3

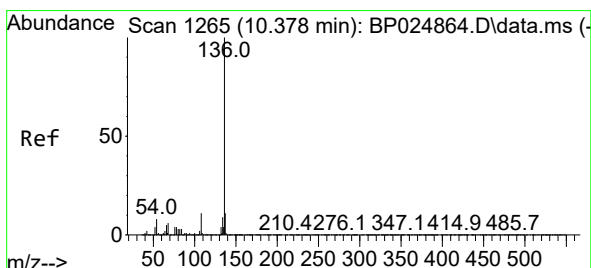
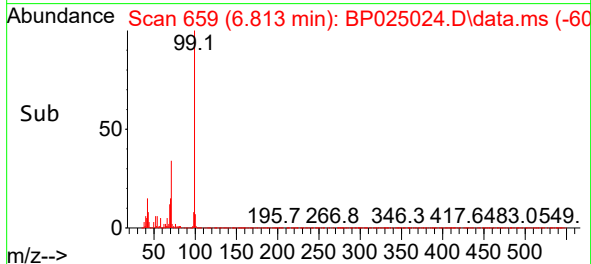
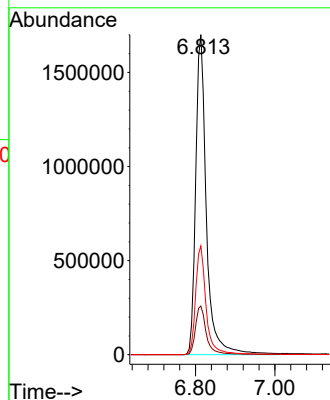
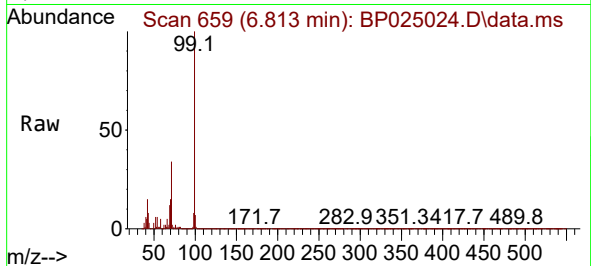




#7
Phenol-d6
Concen: 106.303 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

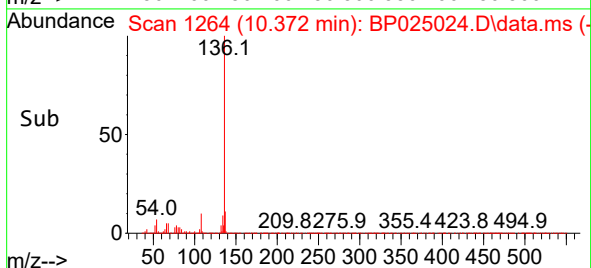
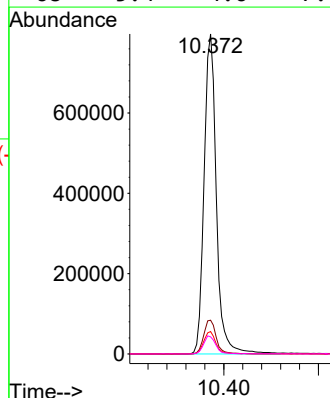
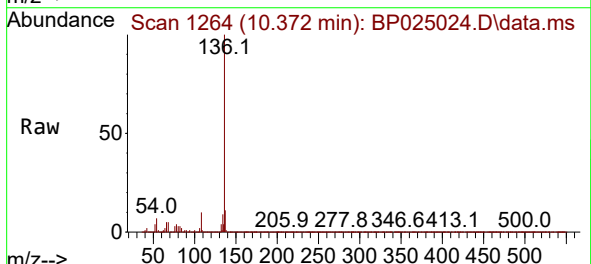
Instrument :
BNA_P
ClientSampleId :
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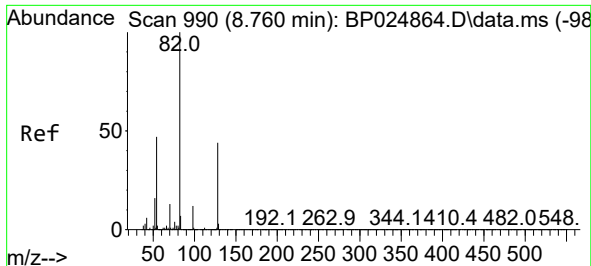
Tgt Ion: 99 Resp: 3193220
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.2
71 34.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

Tgt Ion: 136 Resp: 1426860
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.0 6.1 9.1
68 5.4 4.6 7.0

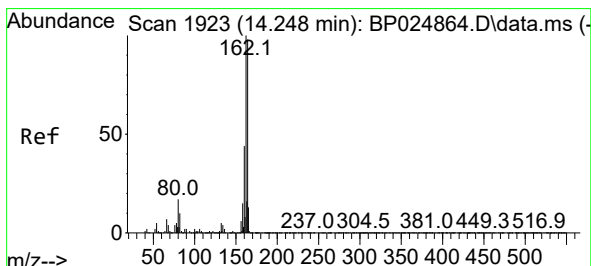
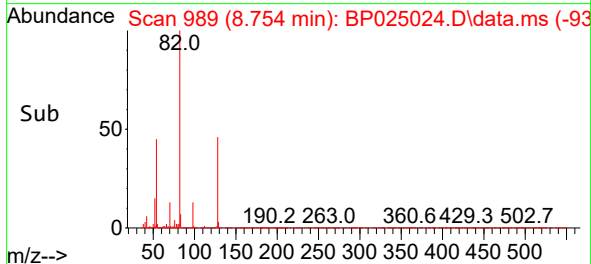
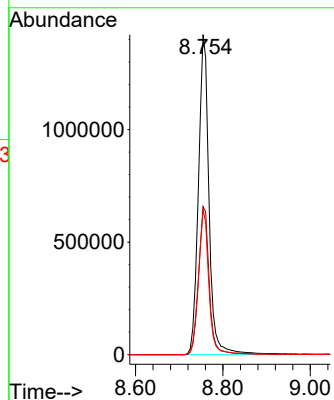
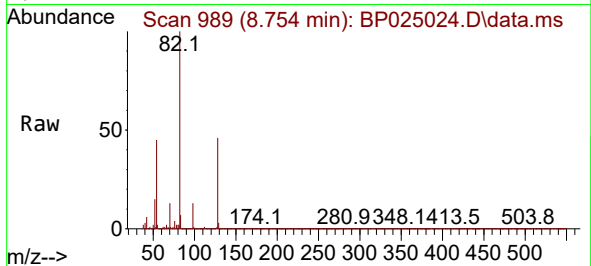




#23
Nitrobenzene-d5
Concen: 82.004 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

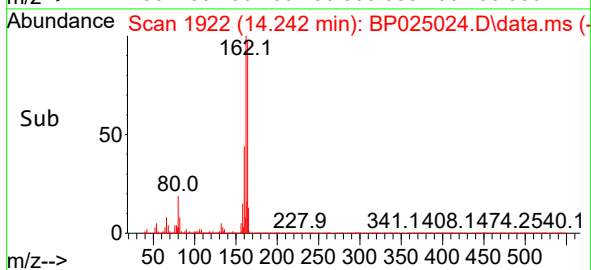
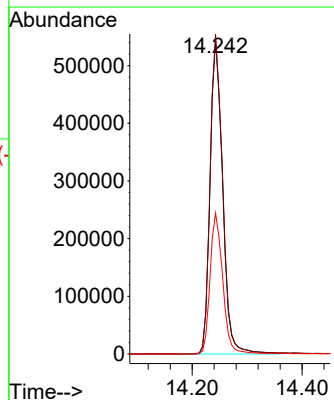
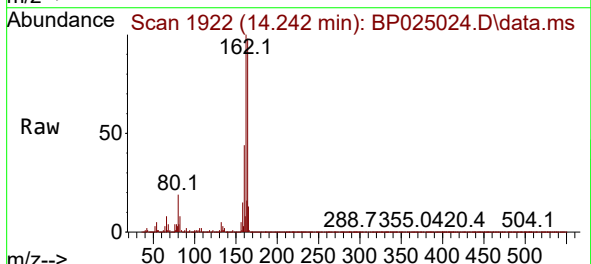
Instrument :
BNA_P
ClientSampleId :
3897

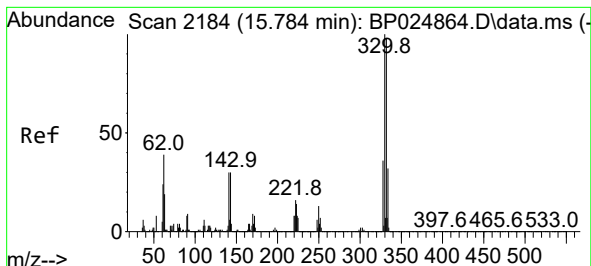
Tgt Ion: 82 Resp: 2407913
Ion Ratio Lower Upper
82 100
128 46.3 35.3 52.9
54 45.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.242 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

Tgt Ion:164 Resp: 864289
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 44.7 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 151.506 ng

RT: 15.778 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BP025024.D

Acq: 20 Jun 2025 19:06

Instrument :

BNA_P

ClientSampleId :

3897

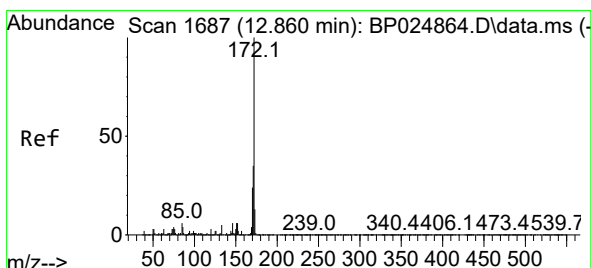
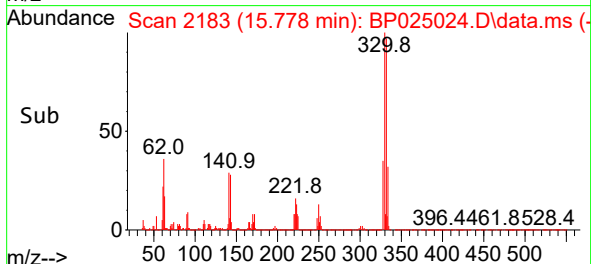
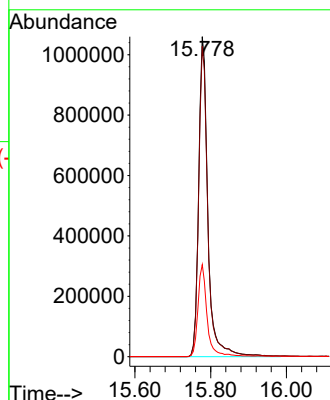
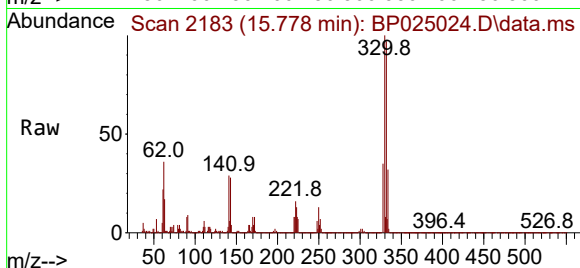
Tgt Ion:330 Resp: 1810391

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 28.4 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 84.248 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025024.D

Acq: 20 Jun 2025 19:06

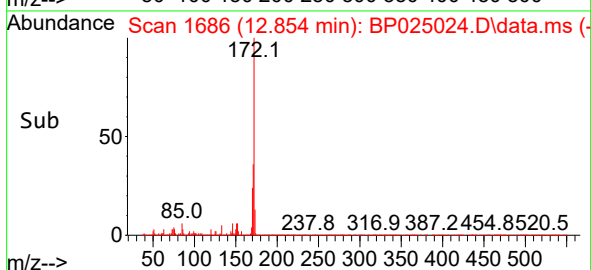
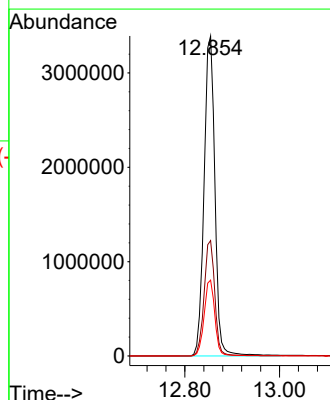
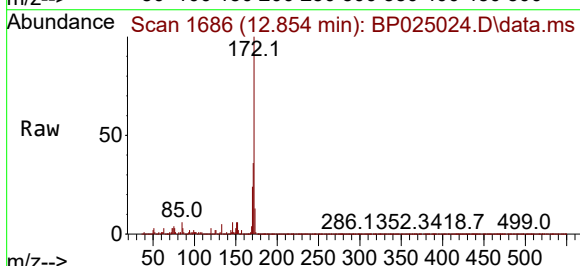
Tgt Ion:172 Resp: 5405223

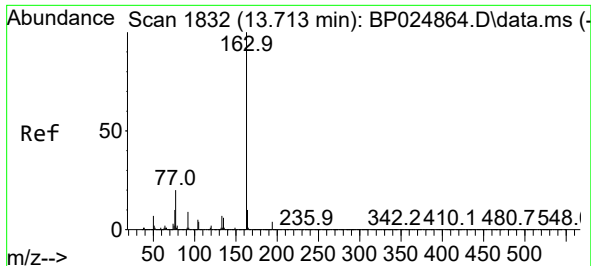
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.7 19.0 28.4

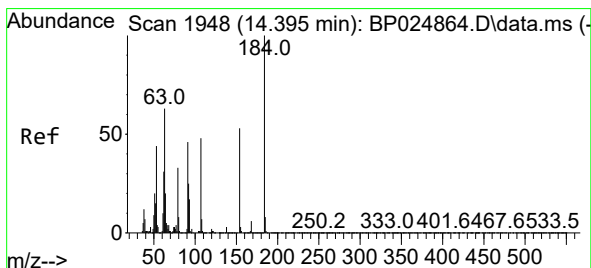
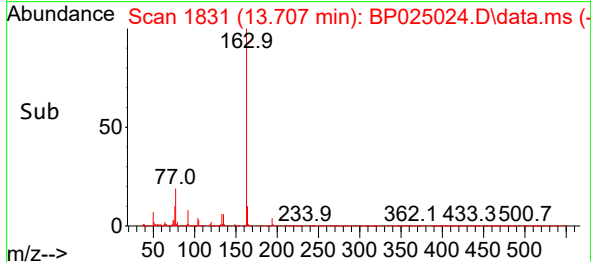
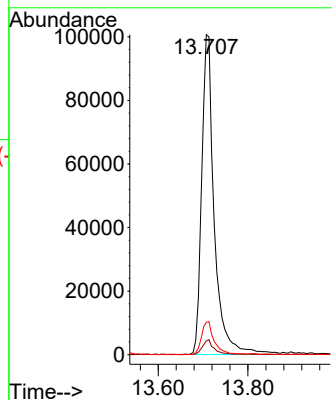
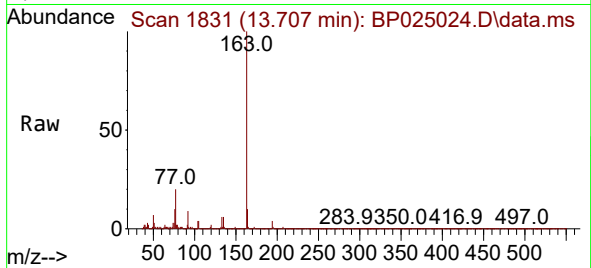




#50
Dimethylphthalate
Concen: 3.069 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

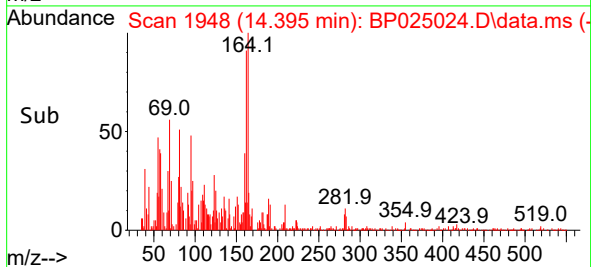
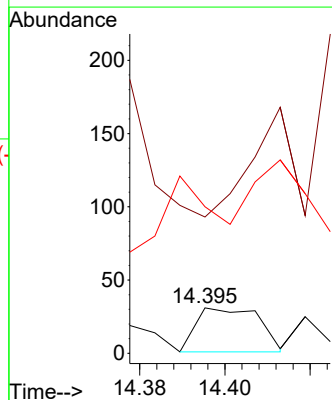
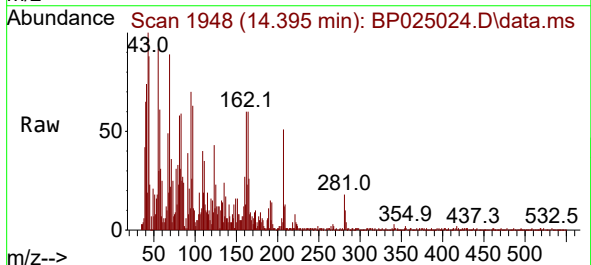
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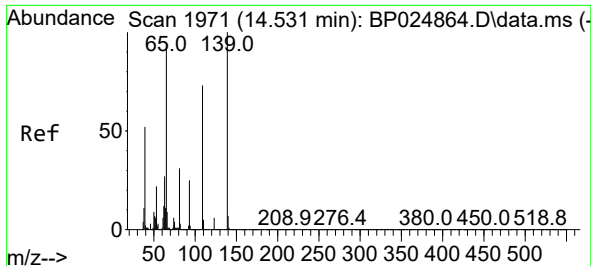
Tgt Ion:163 Resp: 195693
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.0 12.0



#54
2,4-Dinitrophenol
Concen: 5.567 ng
RT: 14.395 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 300.0 51.0 76.4#
154 322.6 51.7 77.5#

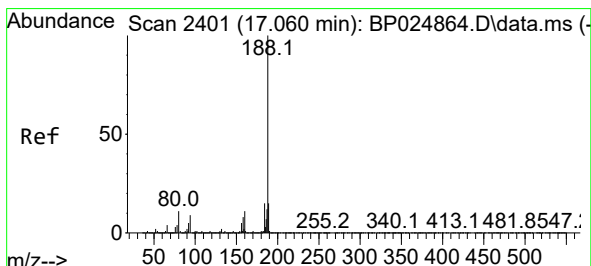
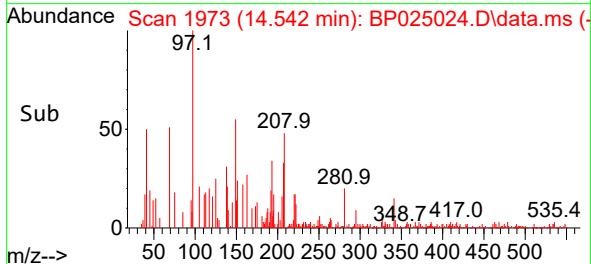
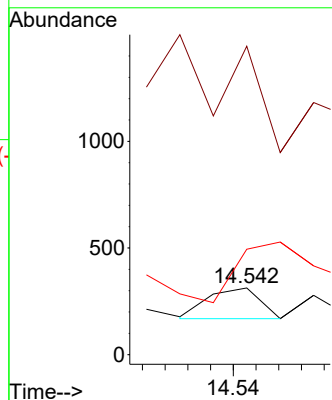
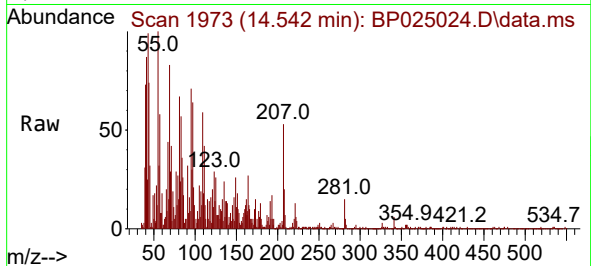




#56
4-Nitrophenol
Concen: 5.416 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.011 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

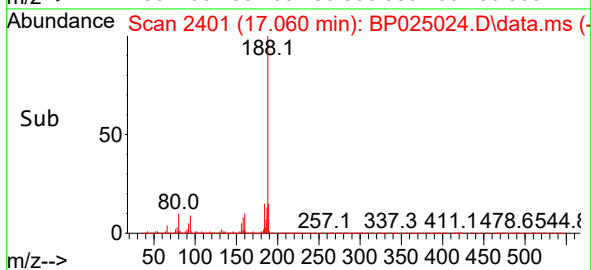
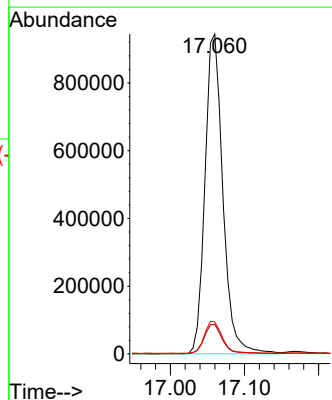
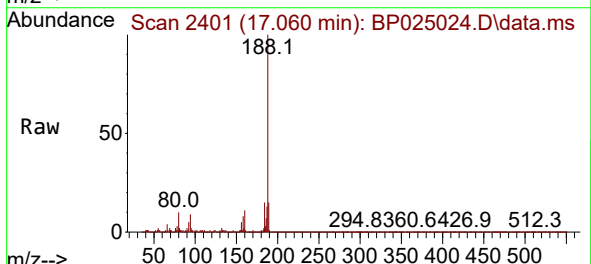
Instrument :
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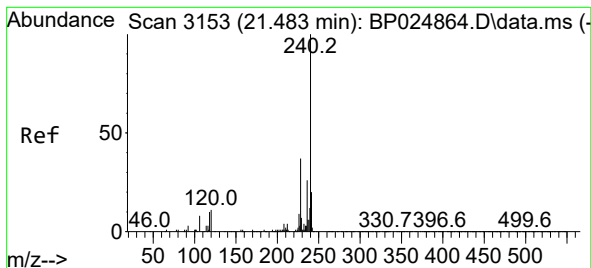
Tgt Ion:139 Resp: 91
Ion Ratio Lower Upper
139 100
109 462.0 53.1 93.1#
65 157.8 73.0 113.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP025024.D
Acq: 20 Jun 2025 19:06

Tgt Ion:188 Resp: 1586084
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.1 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP025024.D

Acq: 20 Jun 2025 19:06

Instrument :

BNA_P

ClientSampleId :

3897

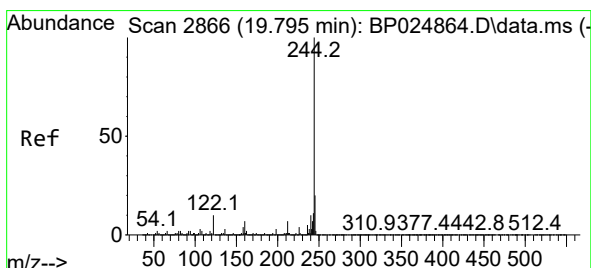
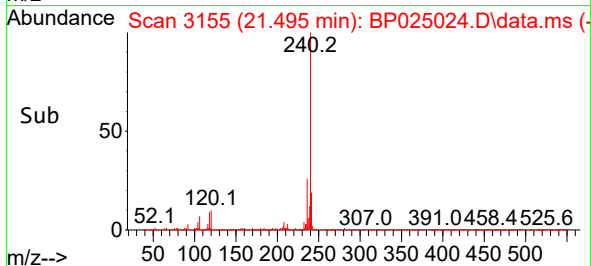
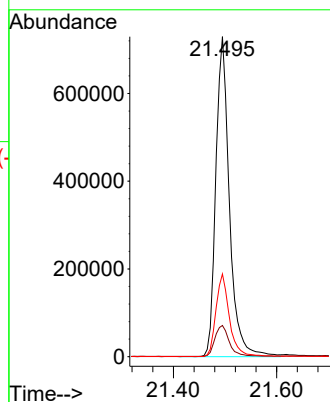
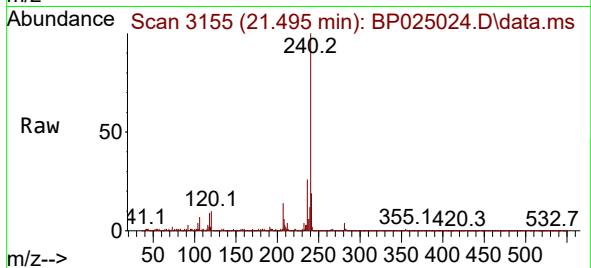
Tgt Ion:240 Resp: 1330454

Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 97.966 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP025024.D

Acq: 20 Jun 2025 19:06

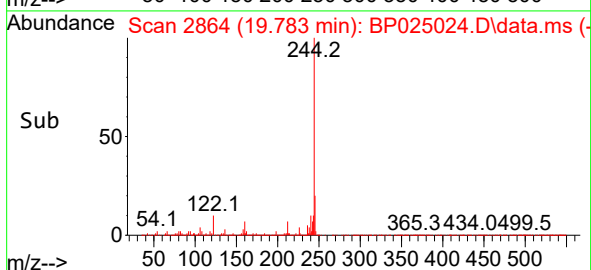
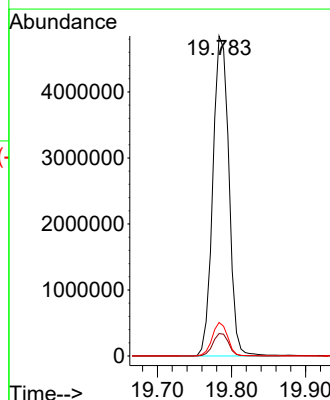
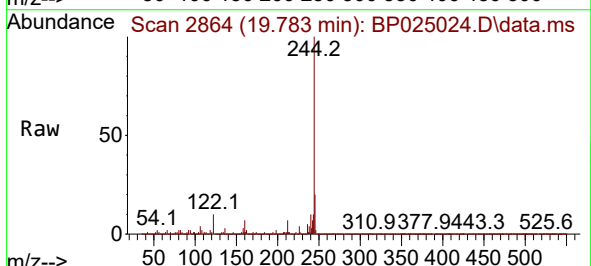
Tgt Ion:244 Resp: 7272411

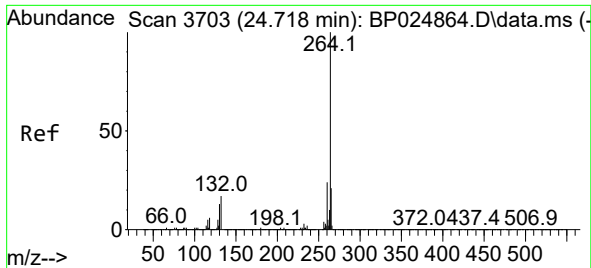
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.4 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.789 min Scan# 31
 Delta R.T. 0.070 min
 Lab File: BP025024.D
 Acq: 20 Jun 2025 19:06

Instrument :
 BNA_P
 ClientSampleId :
 3897

Tgt Ion:264 Resp: 1457823
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.0 17.4 26.0

