

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025021.D
 Acq On : 20 Jun 2025 17:02
 Operator : RC/JU
 Sample : Q2362-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EP-6

Quant Time: Jun 20 17:27:39 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)

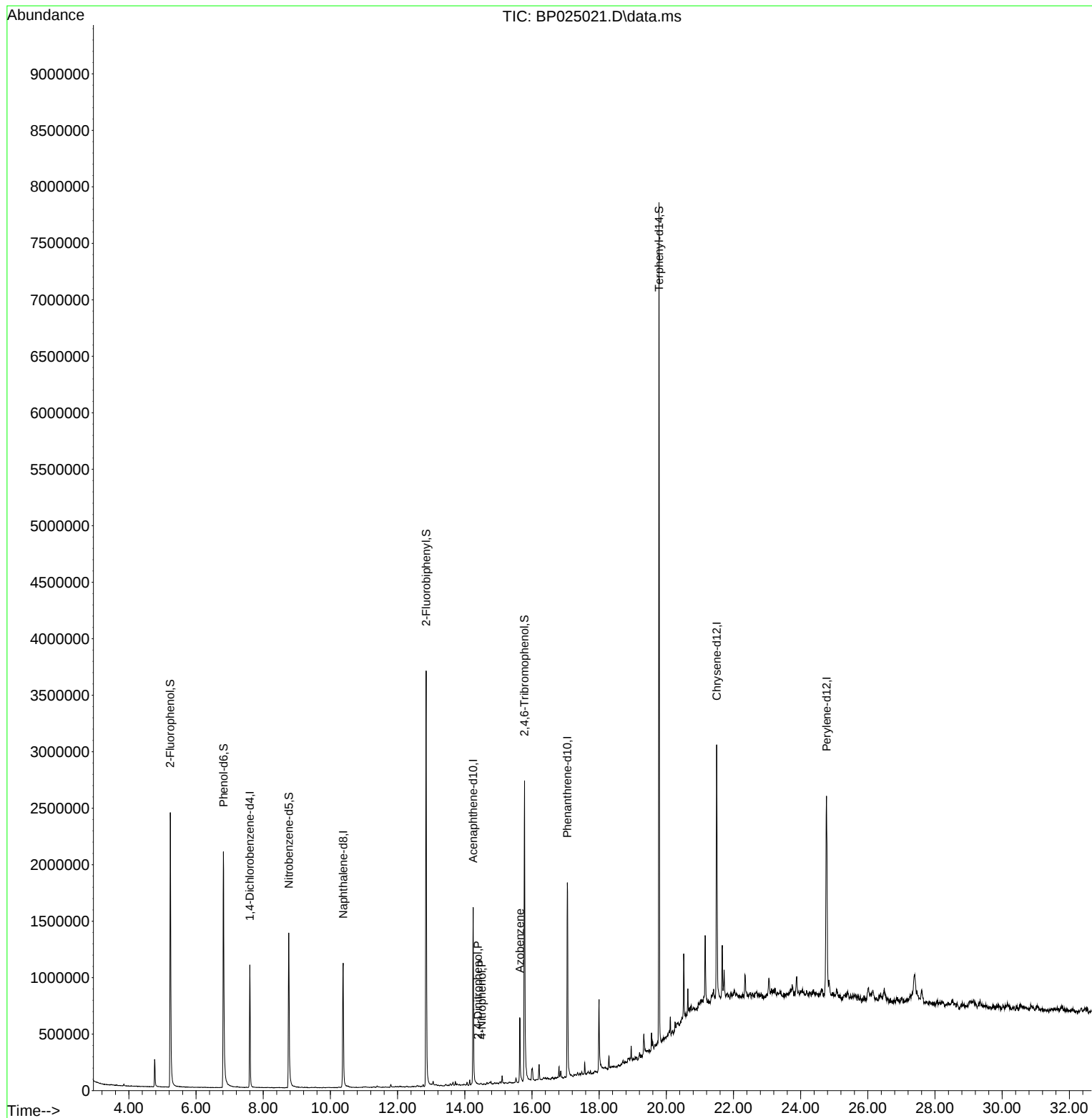
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	299026	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1090267	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	621783	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1212515	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1480110	20.000	ng	0.02
86) Perylene-d12	24.771	264	1865399	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.231	112	1289581	71.986	ng	-0.01
7) Phenol-d6	6.814	99	1605394	67.731	ng	0.00
23) Nitrobenzene-d5	8.761	82	964803	43.001	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	689683	80.228	ng	0.00
45) 2-Fluorobiphenyl	12.849	172	2123519	46.007	ng	-0.01
79) Terphenyl-d14	19.783	244	3566739	43.189	ng	-0.01
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.390	184	83	5.575	ng	# 1
56) 4-Nitrophenol	14.507	139	130	5.423	ng	# 1
63) Azobenzene	15.637	77	188077	4.486	ng	# 1

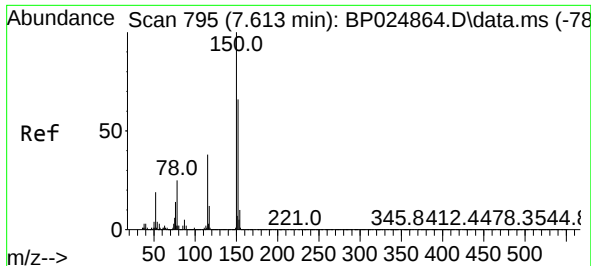
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
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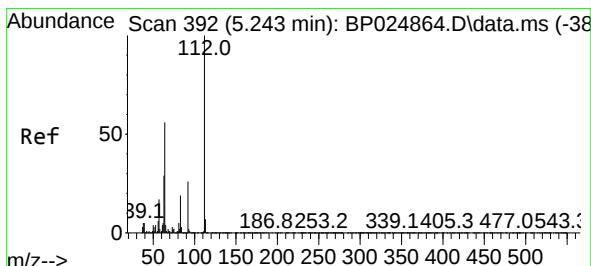
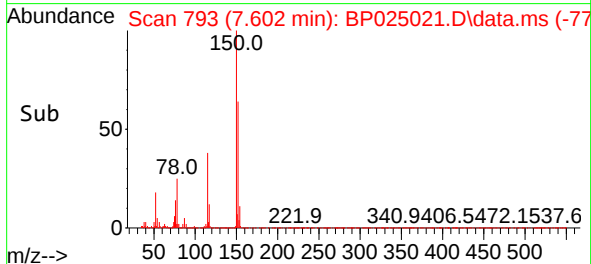
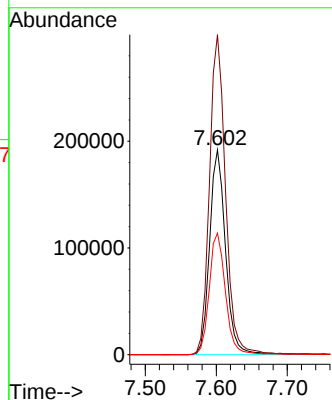
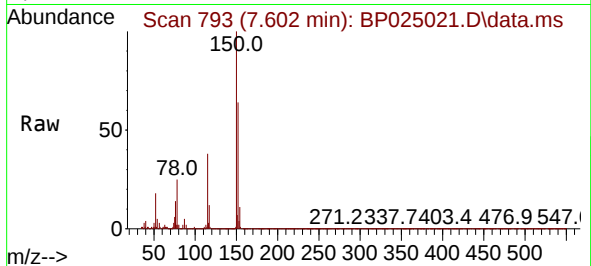




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BP025021.D
 Acq: 20 Jun 2025 17:02

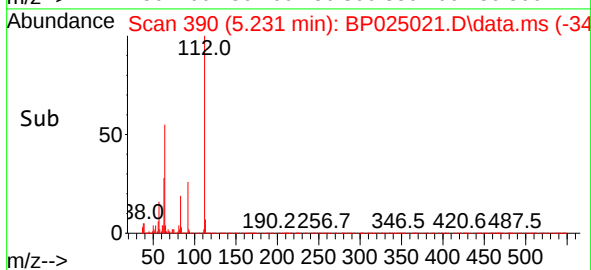
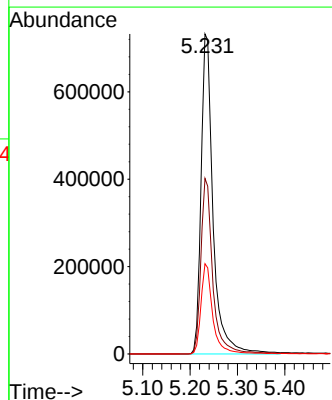
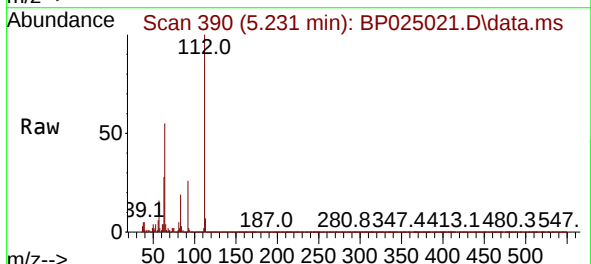
Instrument :
 BNA_P
 ClientSampleId :
 EP-6

Tgt Ion:152 Resp: 299026
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.1 183.1
 115 59.4 46.4 69.6



#5
 2-Fluorophenol
 Concen: 71.986 ng
 RT: 5.231 min Scan# 390
 Delta R.T. -0.012 min
 Lab File: BP025021.D
 Acq: 20 Jun 2025 17:02

Tgt Ion:112 Resp: 1289581
 Ion Ratio Lower Upper
 112 100
 64 54.9 44.7 67.1
 63 28.2 23.5 35.3

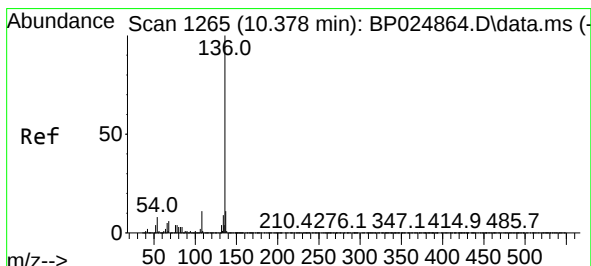
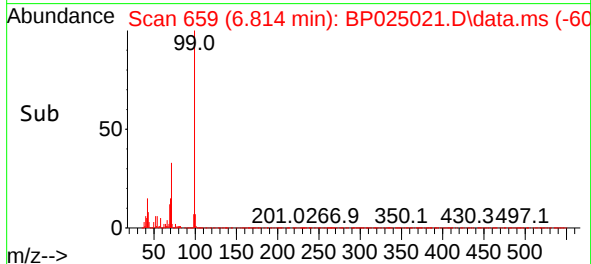
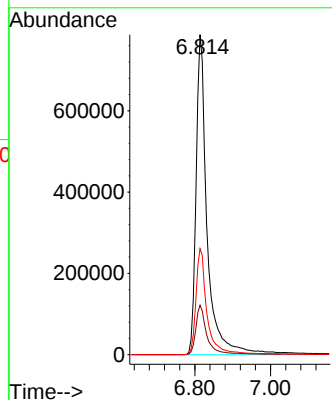
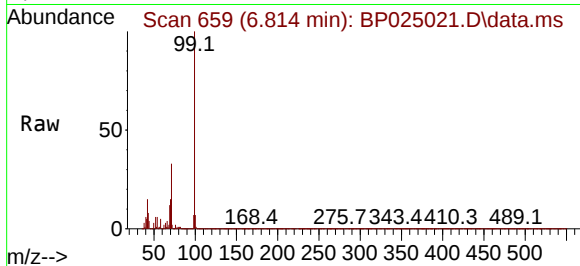




#7
Phenol-d6
Concen: 67.731 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

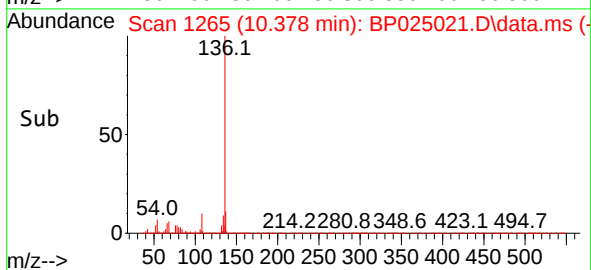
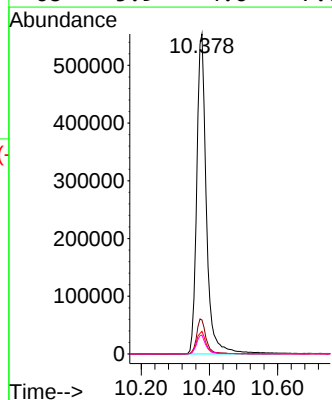
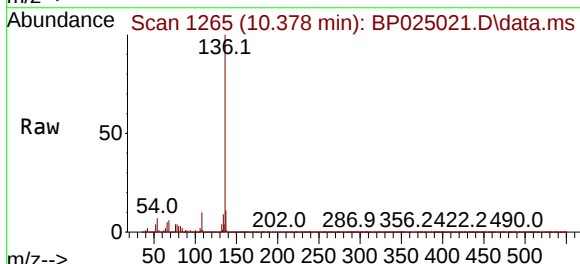
Instrument :
BNA_P
ClientSampleId :
EP-6

Tgt Ion: 99 Resp: 1605394
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.2
71 33.2 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: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion: 136 Resp: 1090267
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.0 6.1 9.1
68 5.9 4.6 7.0

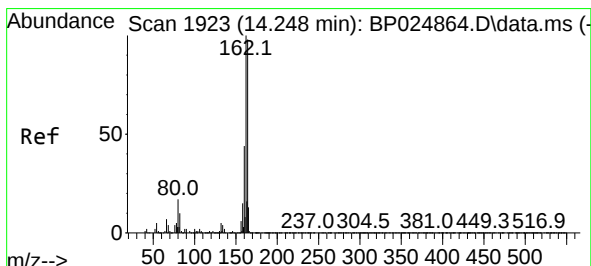
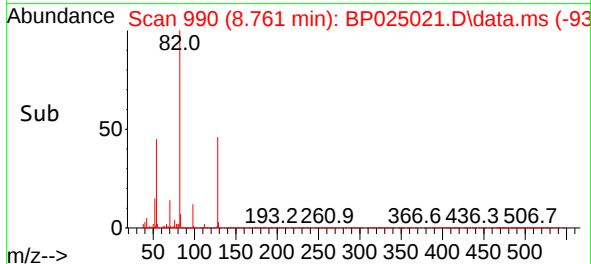
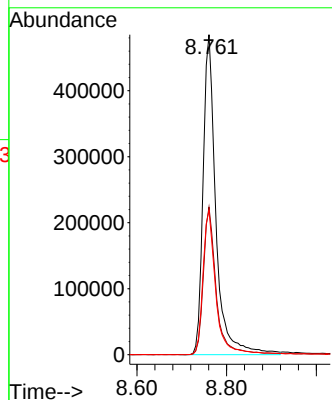
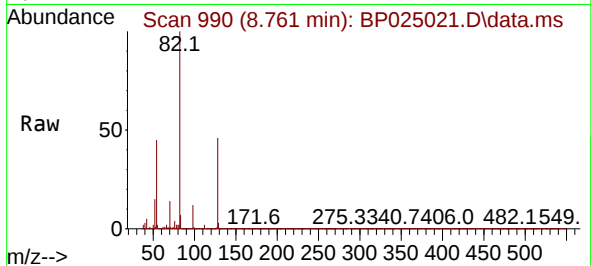




#23
Nitrobenzene-d5
Concen: 43.001 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

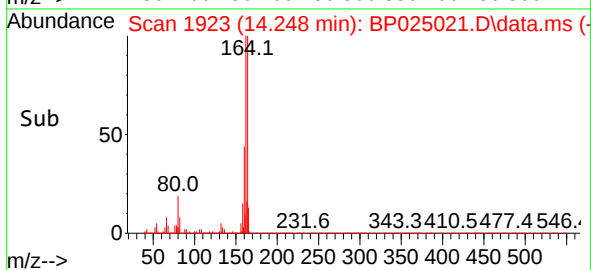
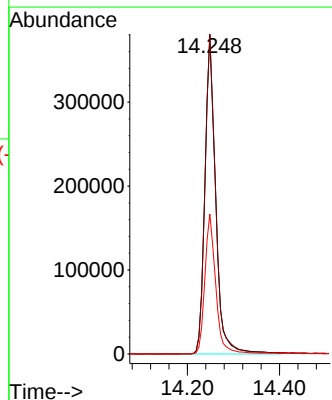
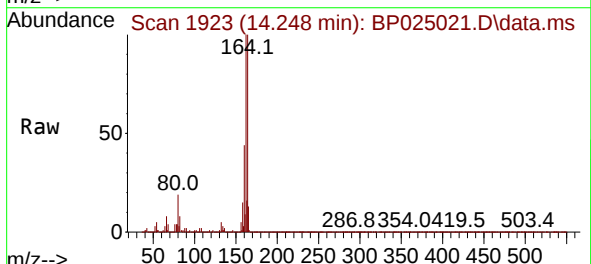
Instrument :
BNA_P
ClientSampleId :
EP-6

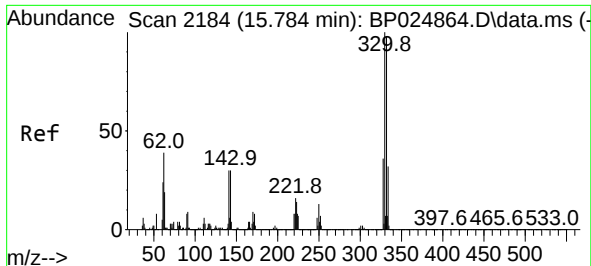
Tgt Ion: 82 Resp: 964803
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 45.1 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion:164 Resp: 621783
Ion Ratio Lower Upper
164 100
162 100.3 81.6 122.4
160 43.9 36.2 54.2

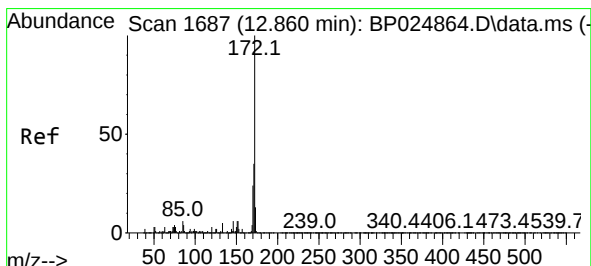
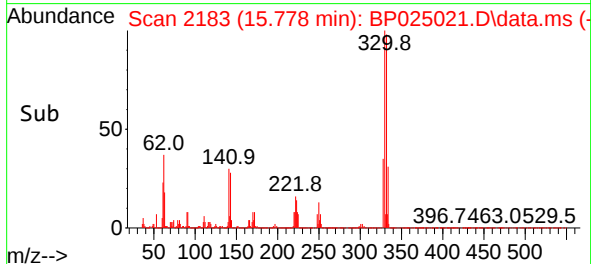
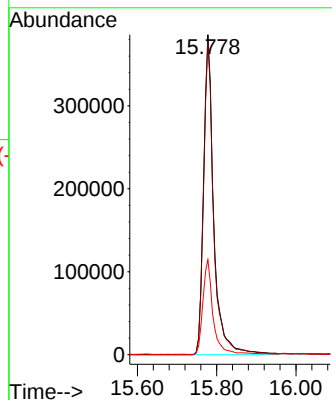
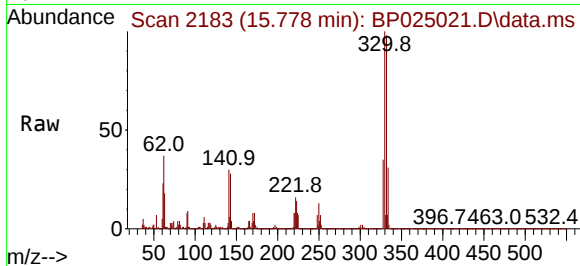




#42
2,4,6-Tribromophenol
Concen: 80.228 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

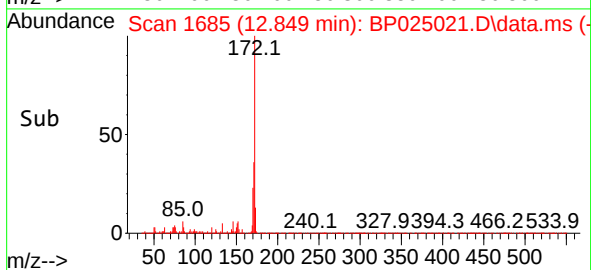
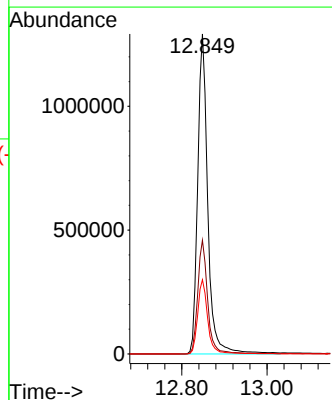
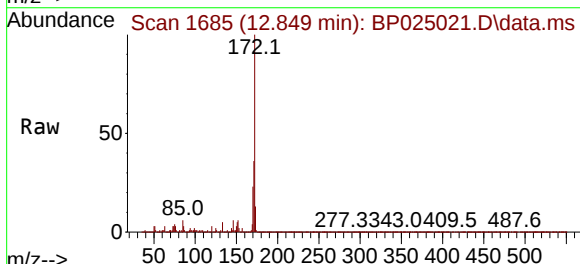
Instrument :
BNA_P
ClientSampleId :
EP-6

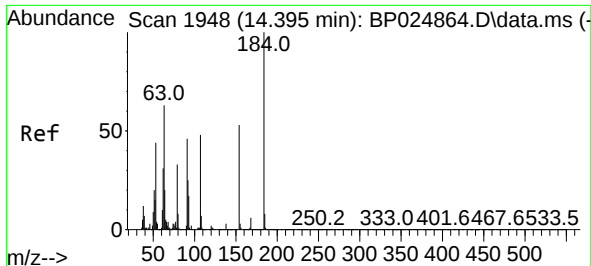
Tgt Ion:330 Resp: 689683
Ion Ratio Lower Upper
330 100
332 97.7 77.7 116.5
141 29.4 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 46.007 ng
RT: 12.849 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion:172 Resp: 2123519
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 19.0 28.4

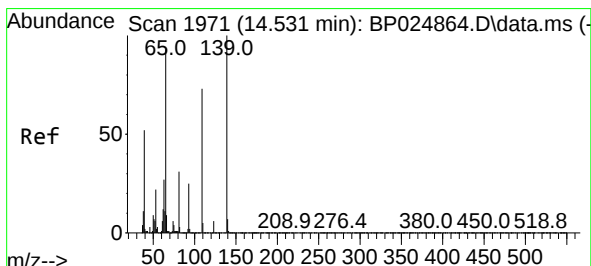
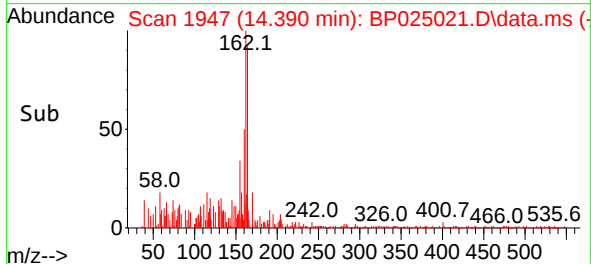
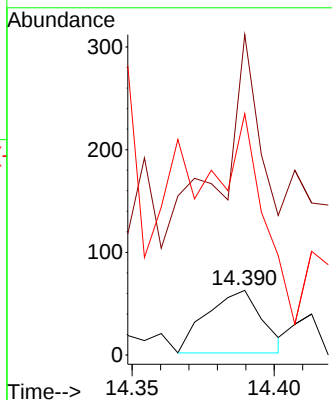
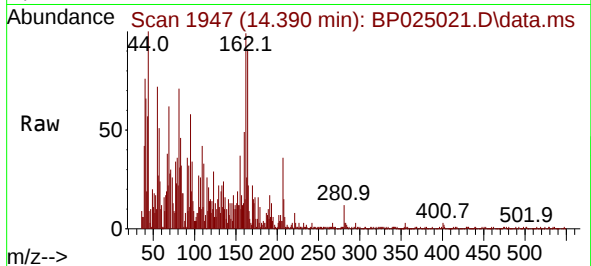




#54
2,4-Dinitrophenol
Concen: 5.575 ng
RT: 14.390 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

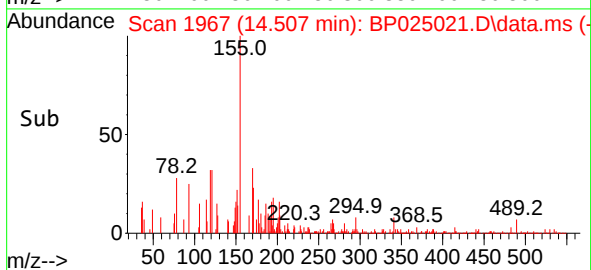
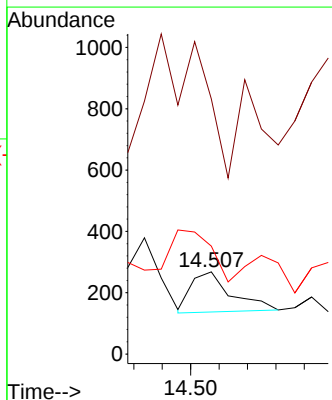
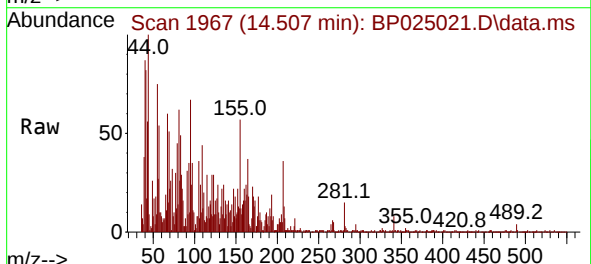
Instrument :
BNA_P
ClientSampleId :
EP-6

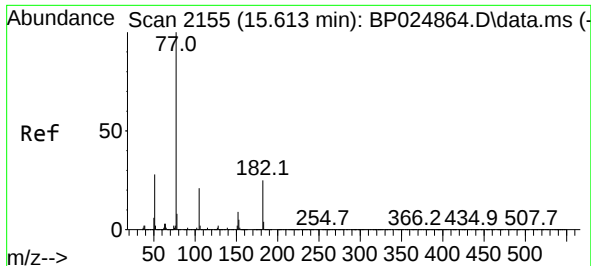
Tgt Ion:184 Resp: 83
Ion Ratio Lower Upper
184 100
63 495.2 51.0 76.4#
154 373.0 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.423 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.024 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion:139 Resp: 130
Ion Ratio Lower Upper
139 100
109 310.4 53.1 93.1#
65 131.3 73.0 113.0#

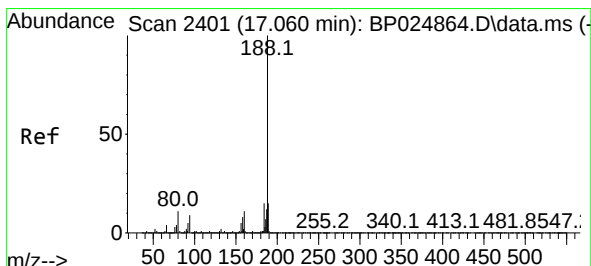
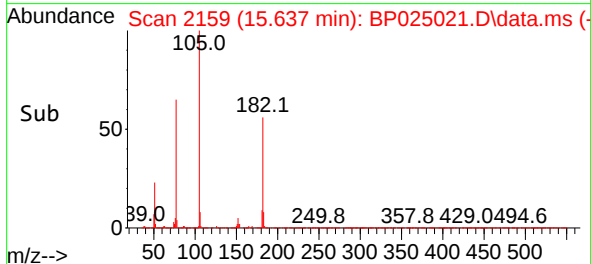
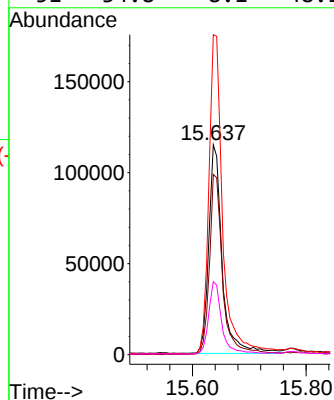
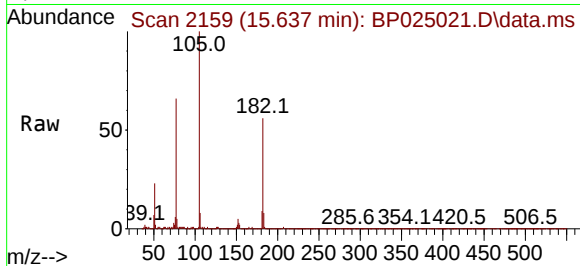




#63
Azobenzene
Concen: 4.486 ng
RT: 15.637 min Scan# 2155
Delta R.T. 0.024 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

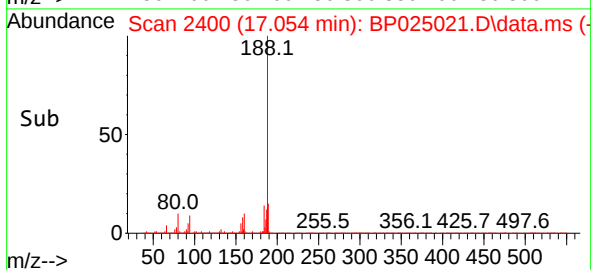
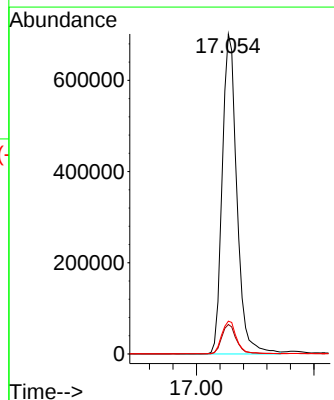
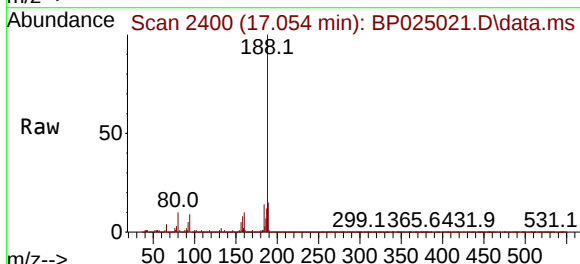
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BNA_P
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EP-6

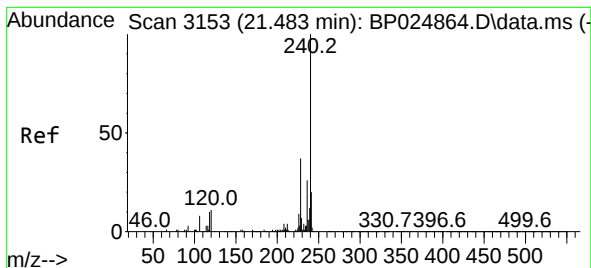
Tgt Ion: 77 Resp: 188077
Ion Ratio Lower Upper
77 100
182 85.8 5.4 45.4#
105 152.4 0.8 40.8#
51 34.8 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion: 188 Resp: 1212515
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.2 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan# 3153

Delta R.T. 0.018 min

Lab File: BP025021.D

Acq: 20 Jun 2025 17:02

Instrument :

BNA_P

ClientSampleId :

EP-6

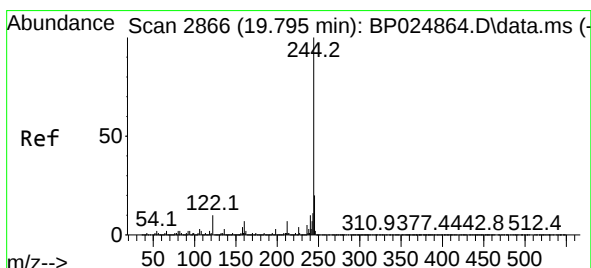
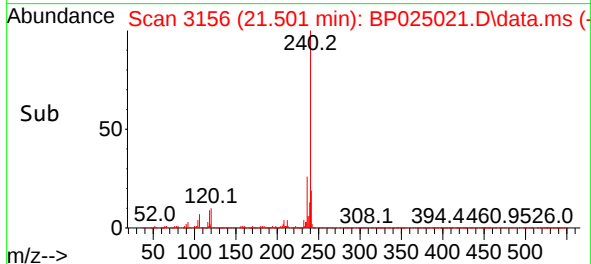
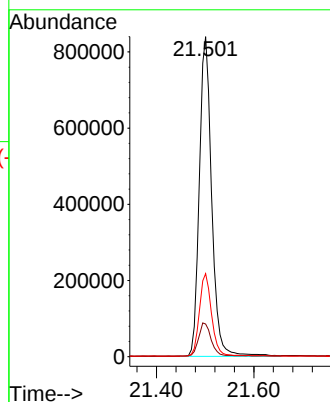
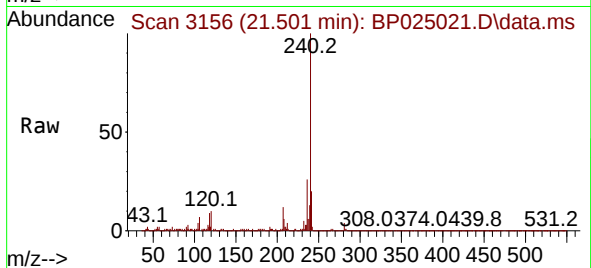
Tgt Ion:240 Resp: 1480110

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 43.189 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP025021.D

Acq: 20 Jun 2025 17:02

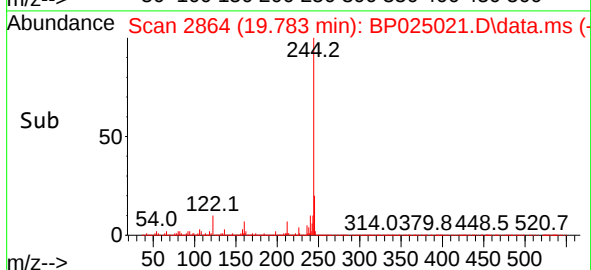
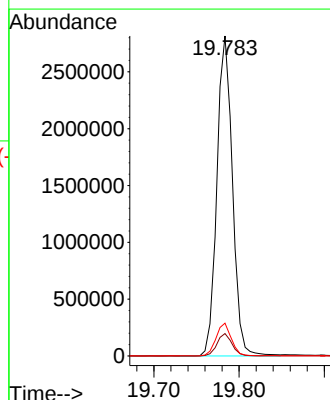
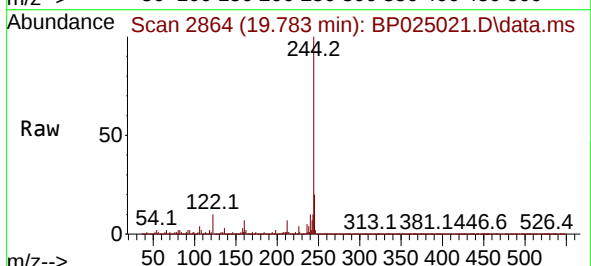
Tgt Ion:244 Resp: 3566739

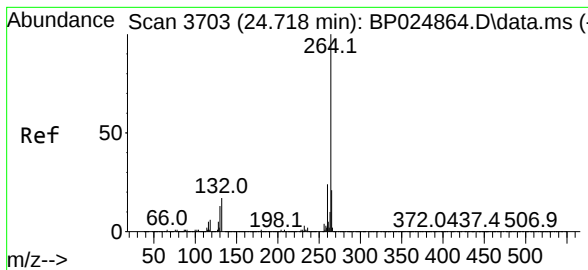
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.2 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.771 min Scan# 31
 Delta R.T. 0.053 min
 Lab File: BP025021.D
 Acq: 20 Jun 2025 17:02

Instrument :
 BNA_P
 ClientSampleId :
 EP-6

Tgt Ion:264 Resp: 1865399

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.0	17.4	26.0

