

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
 Data File : BP024976.D
 Acq On : 17 Jun 2025 15:24
 Operator : RC/JU
 Sample : Q2336-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WBR-2

Quant Time: Jun 17 15:53:44 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)

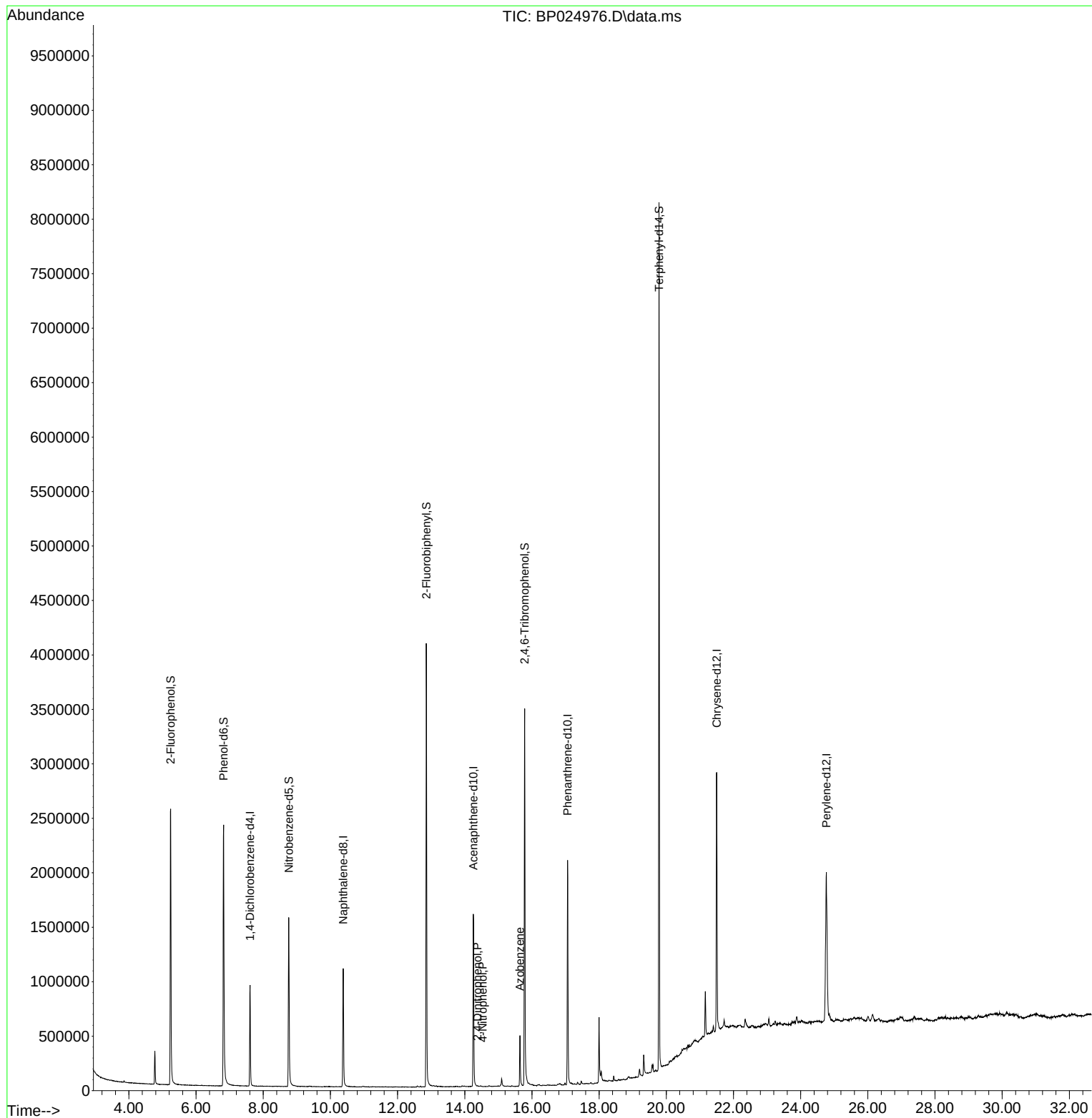
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	254259	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	968763	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	622156	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1269936	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1426279	20.000	ng	0.02
86) Perylene-d12	24.765	264	1672058	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1303012	85.542	ng	0.00
7) Phenol-d6	6.819	99	1682461	83.480	ng	0.00
23) Nitrobenzene-d5	8.760	82	1034592	51.895	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	748423	87.009	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2046990	44.322	ng	0.00
79) Terphenyl-d14	19.783	244	3683292	46.284	ng	-0.01
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.378	184	17	5.566	ng	# 1
56) 4-Nitrophenol	14.531	139	46	5.414	ng	# 1
63) Azobenzene	15.642	77	134291	3.201	ng	# 1

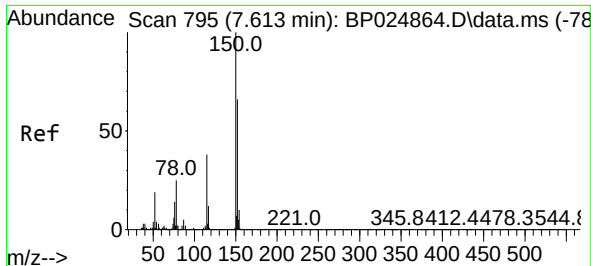
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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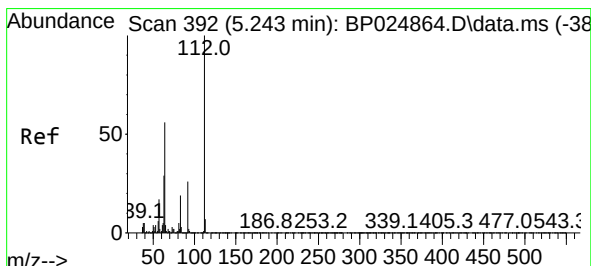
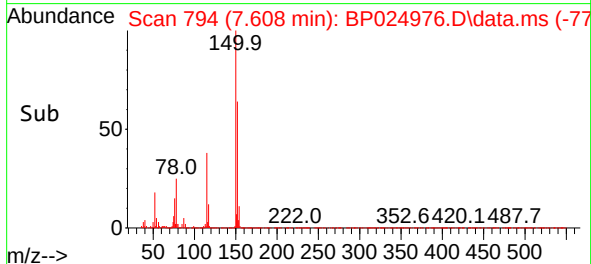
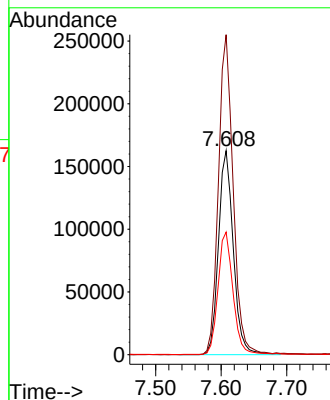
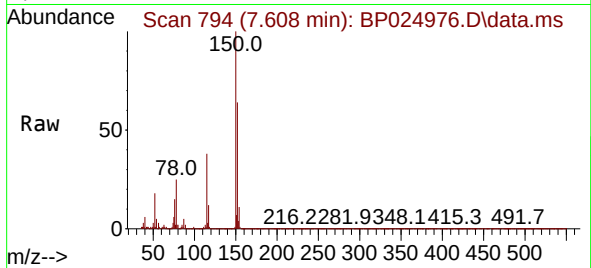




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

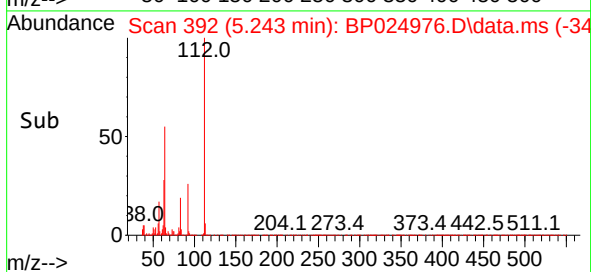
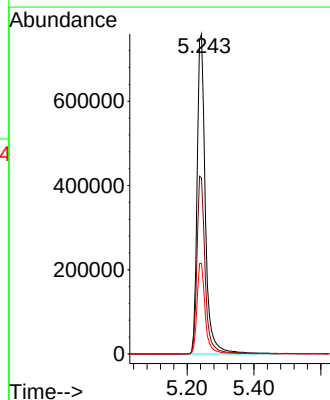
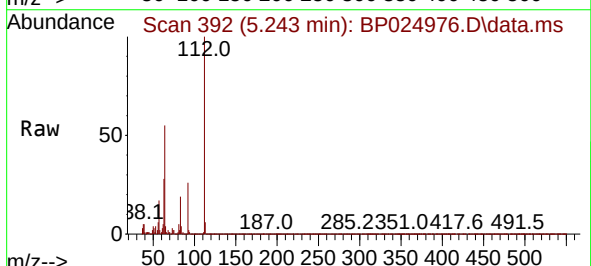
Instrument :
BNA_P
ClientSampleId :
WBR-2

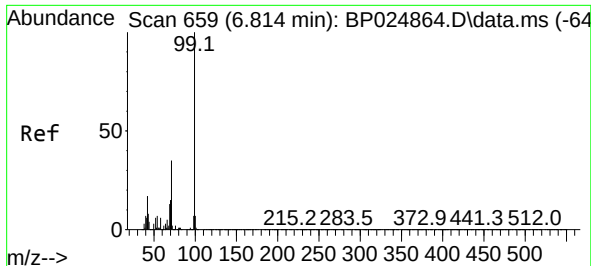
Tgt Ion:152 Resp: 254259
Ion Ratio Lower Upper
152 100
150 156.8 122.1 183.1
115 60.1 46.4 69.6



#5
2-Fluorophenol
Concen: 85.542 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

Tgt Ion:112 Resp: 1303012
Ion Ratio Lower Upper
112 100
64 55.0 44.7 67.1
63 28.3 23.5 35.3



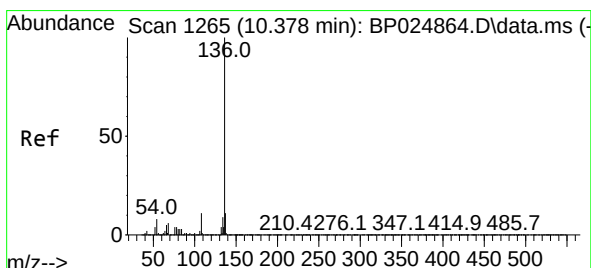
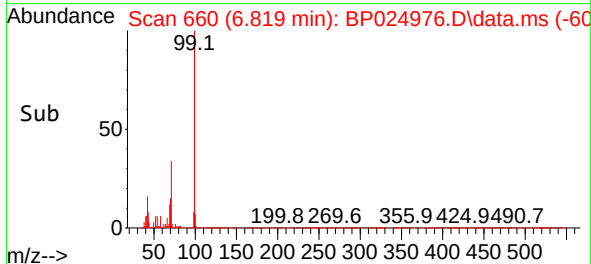
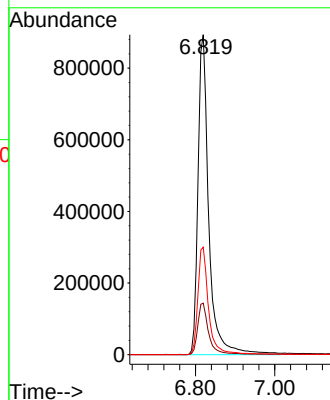
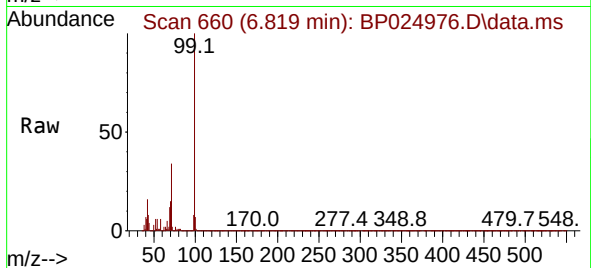


#7
Phenol-d6
Concen: 83.480 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

Instrument :
BNA_P
ClientSampleId :
WBR-2

Tgt Ion: 99 Resp: 1682461

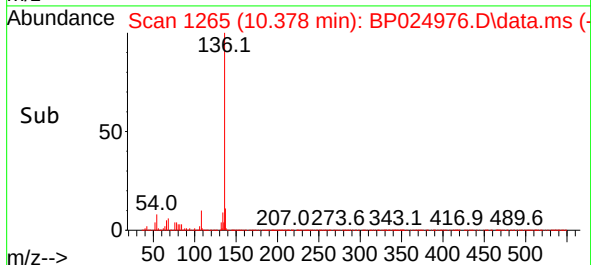
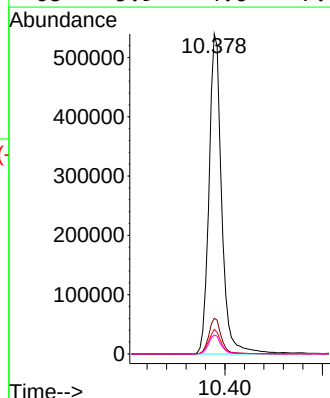
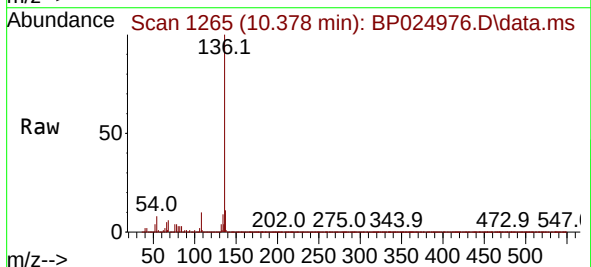
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.4	20.2
71	33.6	27.6	41.4

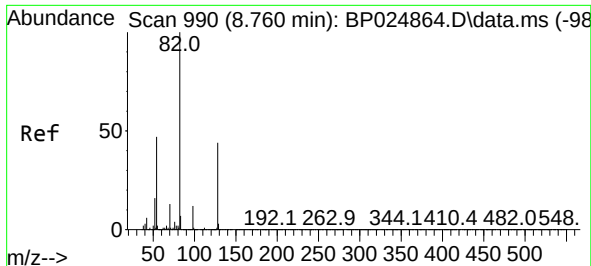


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

Tgt Ion: 136 Resp: 968763

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.1	9.1
68	5.9	4.6	7.0

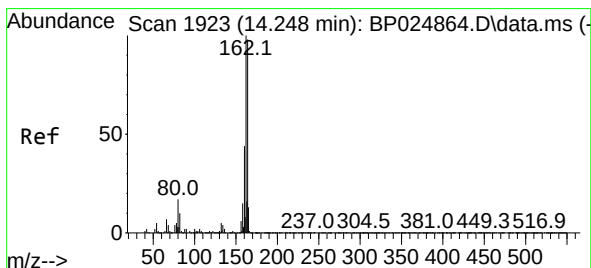
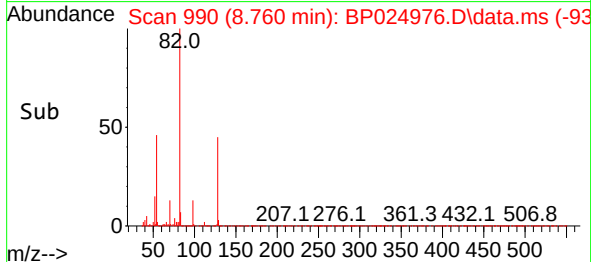
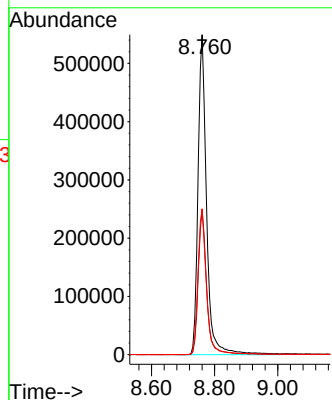
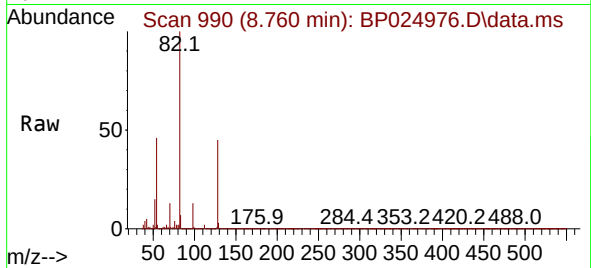




#23
Nitrobenzene-d5
Concen: 51.895 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

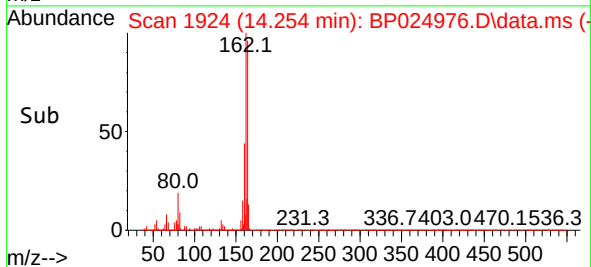
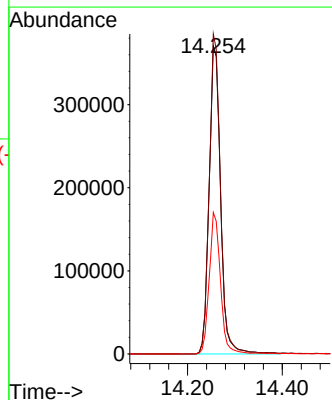
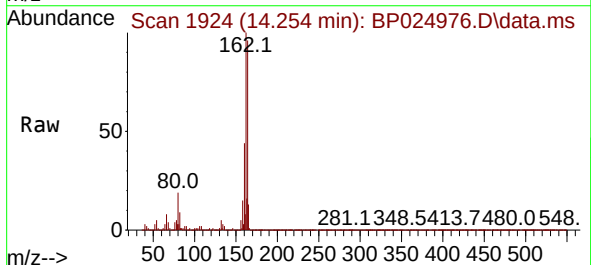
Instrument :
BNA_P
ClientSampleId :
WBR-2

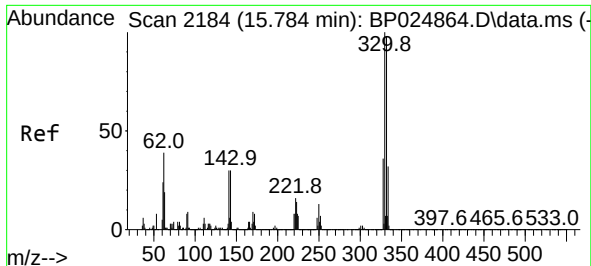
Tgt Ion: 82 Resp: 1034592
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 45.6 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

Tgt Ion:164 Resp: 622156
Ion Ratio Lower Upper
164 100
162 103.8 81.6 122.4
160 45.9 36.2 54.2

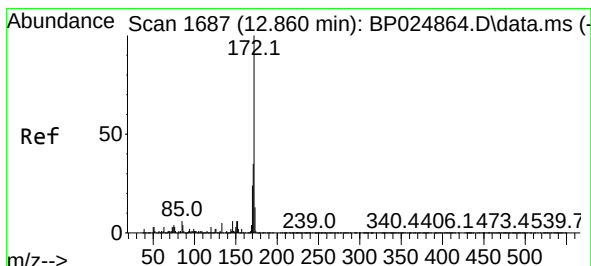
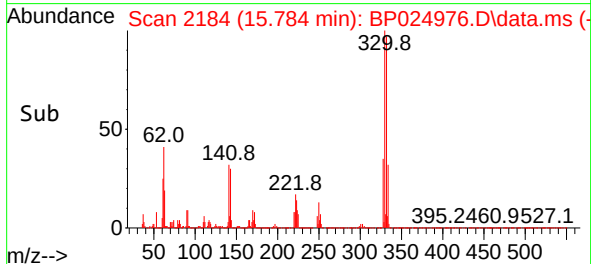
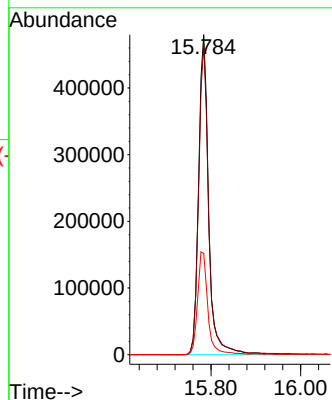
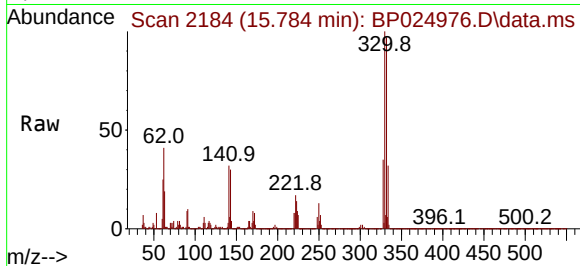




#42
2,4,6-Tribromophenol
Concen: 87.009 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

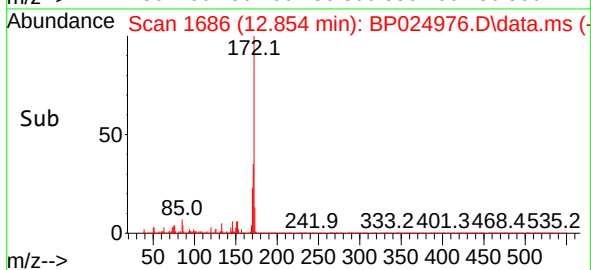
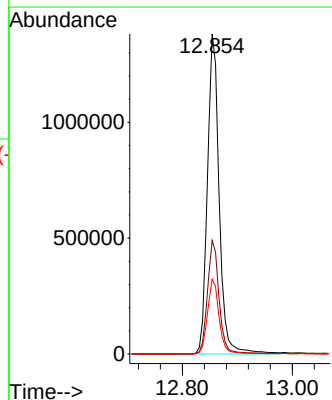
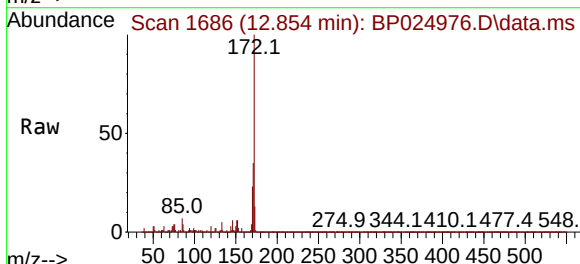
Instrument :
BNA_P
ClientSampleId :
WBR-2

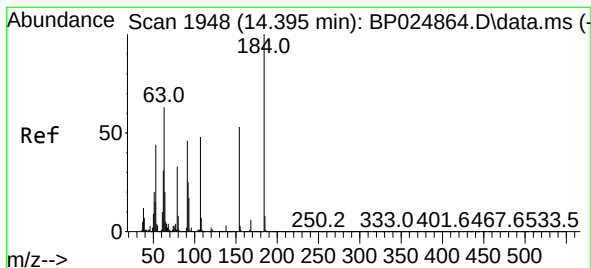
Tgt Ion: 330 Resp: 748423
Ion Ratio Lower Upper
330 100
332 95.5 77.7 116.5
141 32.6 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 44.322 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

Tgt Ion: 172 Resp: 2046990
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.566 ng

RT: 14.378 min Scan# 1945

Delta R.T. -0.017 min

Lab File: BP024976.D

Acq: 17 Jun 2025 15:24

Instrument :

BNA_P

ClientSampleId :

WBR-2

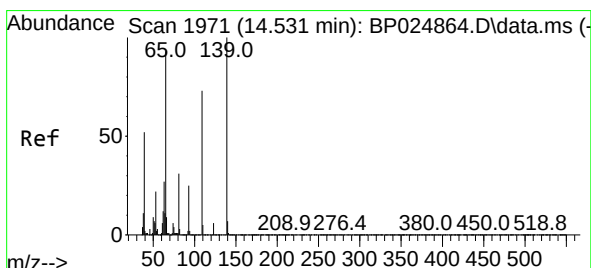
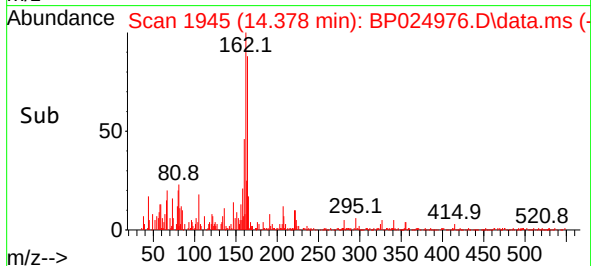
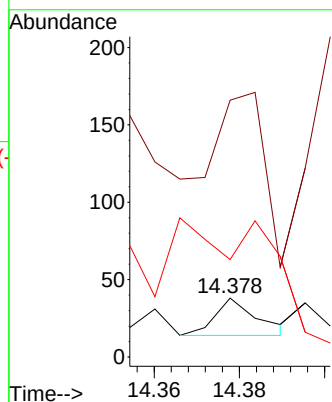
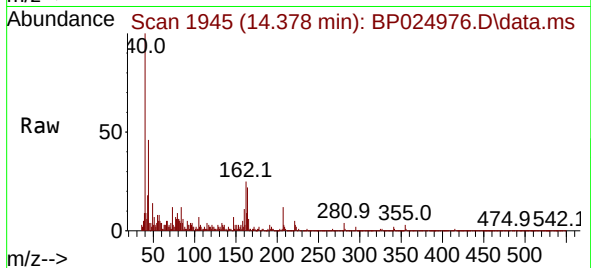
Tgt Ion:184 Resp: 17

Ion Ratio Lower Upper

184 100

63 436.8 51.0 76.4#

154 165.8 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.414 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP024976.D

Acq: 17 Jun 2025 15:24

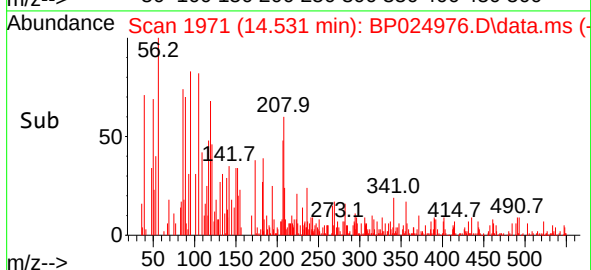
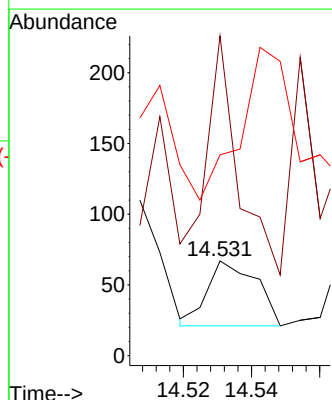
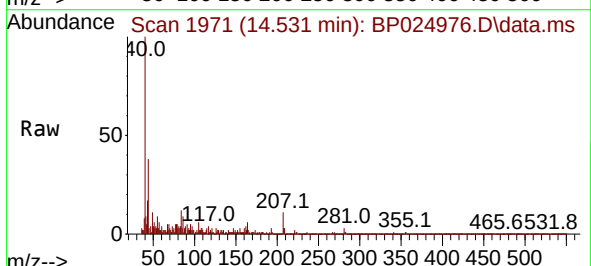
Tgt Ion:139 Resp: 46

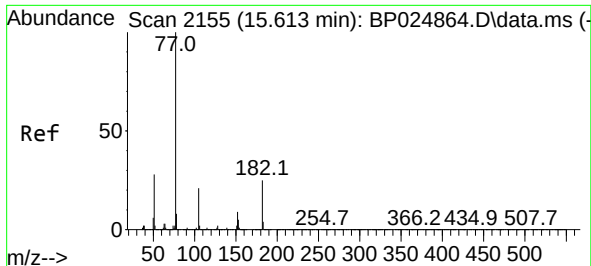
Ion Ratio Lower Upper

139 100

109 337.3 53.1 93.1#

65 211.9 73.0 113.0#

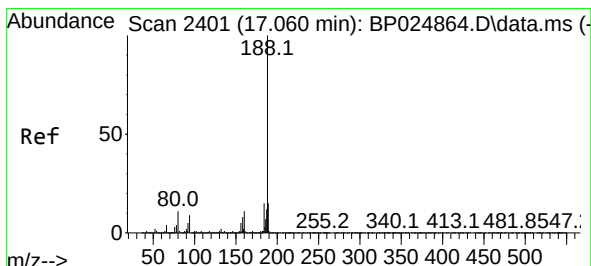
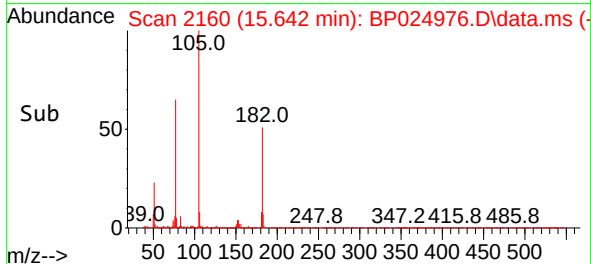
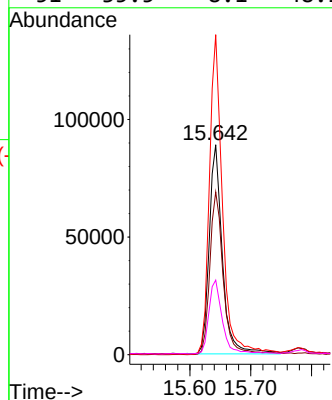
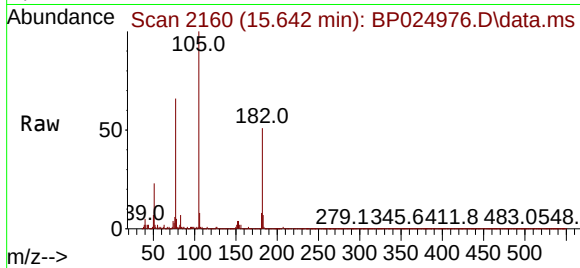




#63
Azobenzene
Concen: 3.201 ng
RT: 15.642 min Scan# 2155
Delta R.T. 0.029 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

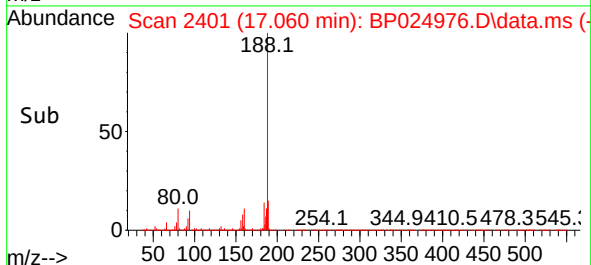
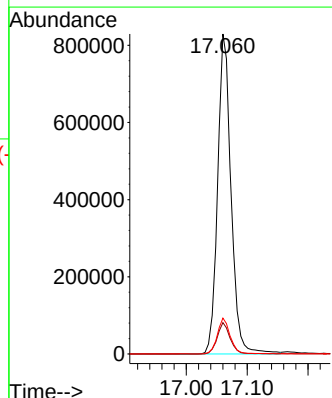
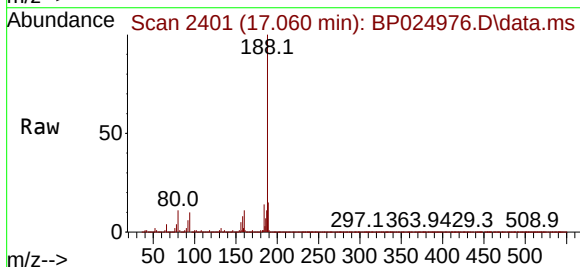
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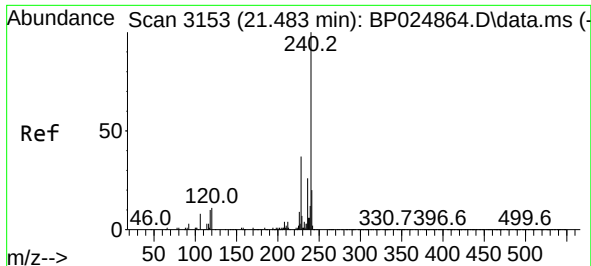
Tgt Ion: 77	Resp: 134291
Ion Ratio	Lower Upper
77 100	
182 77.5	5.4 45.4#
105 152.4	0.8 40.8#
51 35.5	8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

Tgt Ion: 188	Resp: 1269936
Ion Ratio	Lower Upper
188 100	
94 9.8	7.3 10.9
80 11.2	8.5 12.7

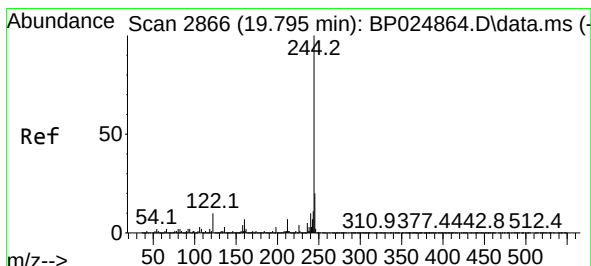
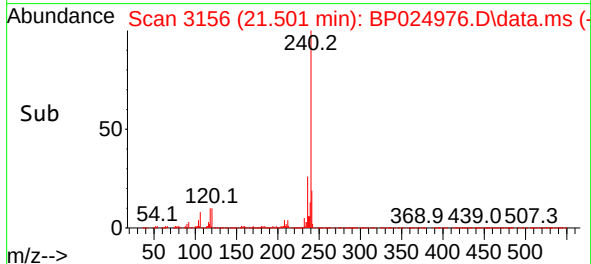
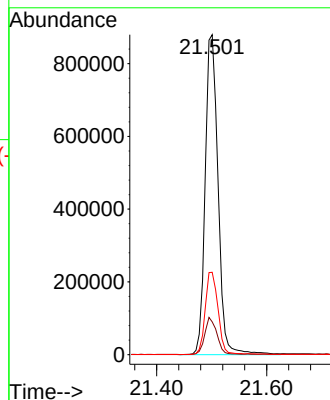
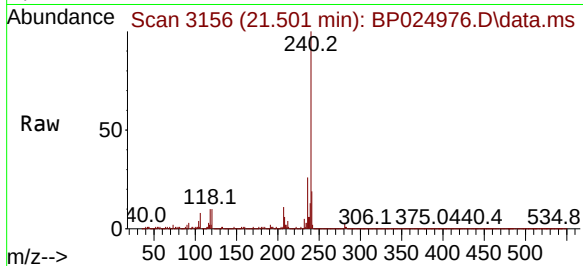




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3153
Delta R.T. 0.018 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

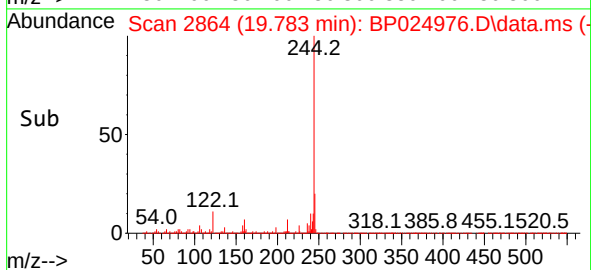
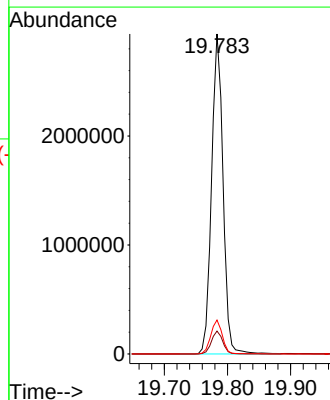
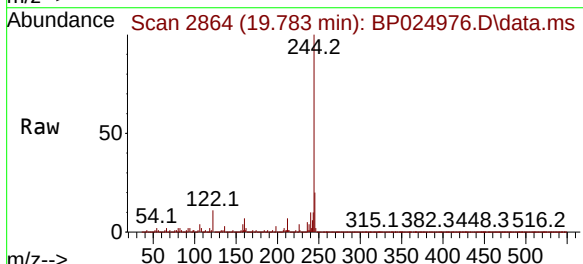
Instrument :
BNA_P
ClientSampleId :
WBR-2

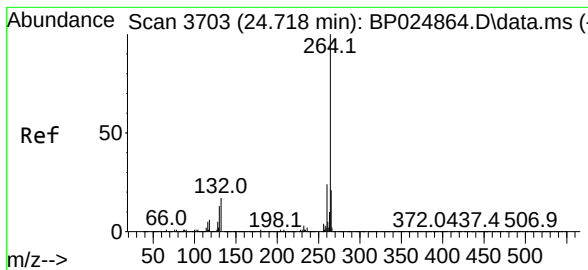
Tgt Ion:240 Resp: 1426279
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 46.284 ng
RT: 19.783 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

Tgt Ion:244 Resp: 3683292
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.6 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 31
Delta R.T. 0.047 min
Lab File: BP024976.D
Acq: 17 Jun 2025 15:24

Instrument :
BNA_P
ClientSampleId :
WBR-2

Tgt Ion:264 Resp: 1672058

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.8	17.4	26.0

