

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
 Data File : BP024893.D
 Acq On : 10 Jun 2025 14:24
 Operator : RC/JU
 Sample : Q2266-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-5RE

Quant Time: Jun 10 14:47:36 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)

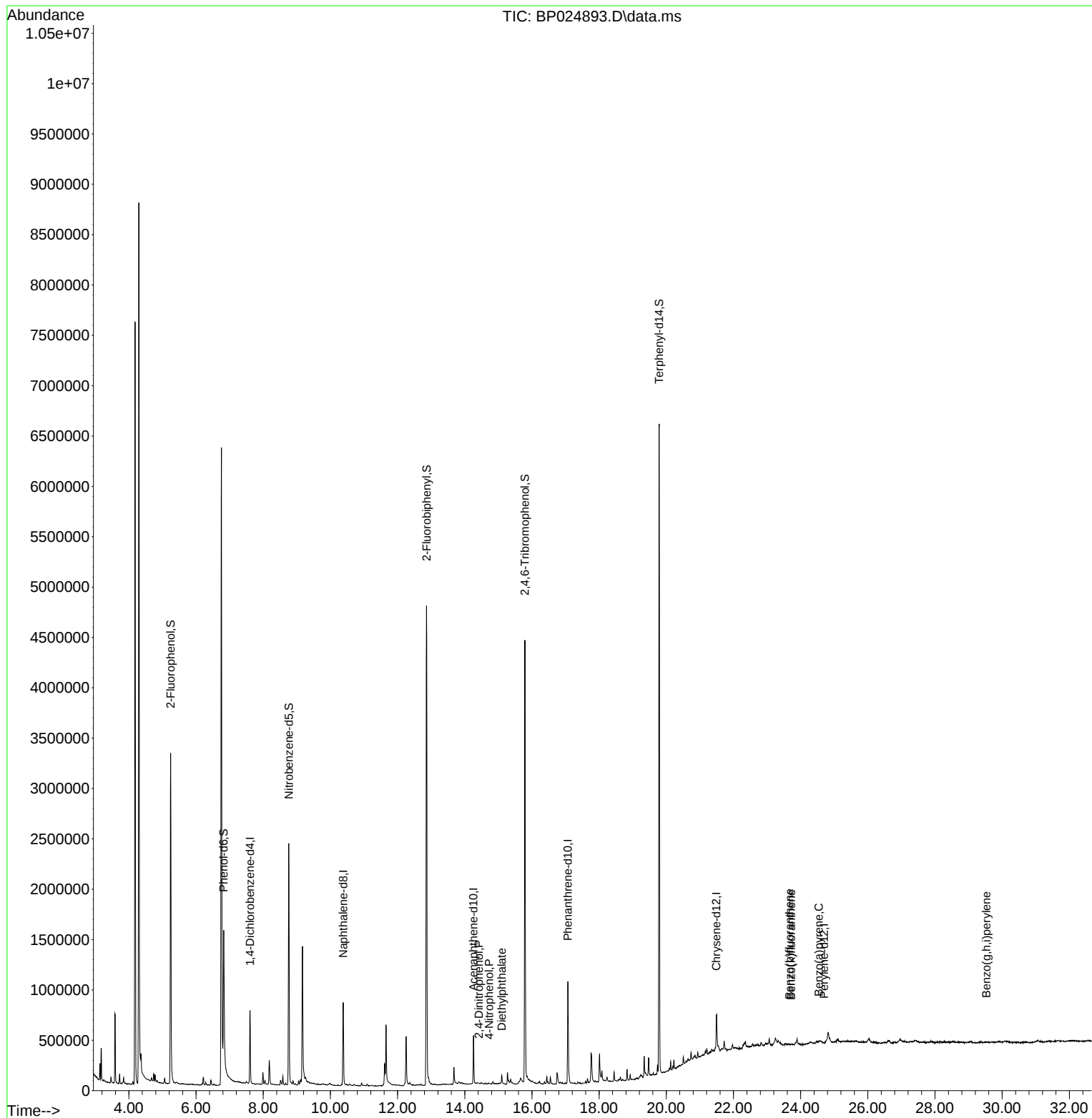
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	189023	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	694582	20.000	ng	0.00
39) Acenaphthene-d10	14.260	164	131278	20.000	ng	0.01
64) Phenanthrene-d10	17.066	188	494337	20.000	ng	0.00
76) Chrysene-d12	21.489	240	132180	20.000	ng	# 0.00
86) Perylene-d12	24.695	264	1058	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1535539	135.598	ng	0.00
7) Phenol-d6	6.819	99	767319	51.213	ng	0.00
23) Nitrobenzene-d5	8.760	82	1369341	95.799	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	930894	512.892	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	2792755	286.581	ng	0.00
79) Terphenyl-d14	19.783	244	2531534	343.254	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.419	184	36	5.588	ng	# 1
56) 4-Nitrophenol	14.725	139	146	5.483	ng	96
60) Diethylphthalate	15.101	149	65274	6.763	ng	99
88) Benzo(b)fluoranthene	23.665	252	242	3.997	ng	# 1
89) Benzo(k)fluoranthene	23.718	252	1566	25.408	ng	# 1
90) Benzo(a)pyrene	24.542	252	688	11.635	ng	# 1
92) Benzo(g,h,i)perylene	29.530	276	197	3.160	ng	# 1

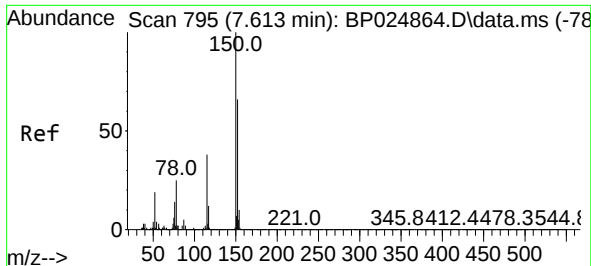
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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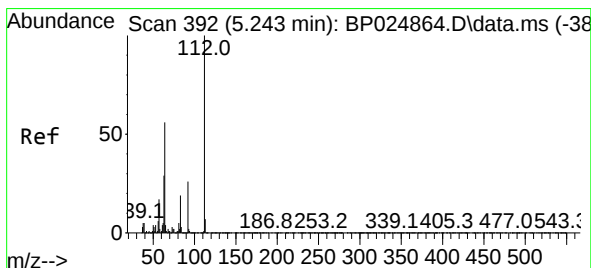
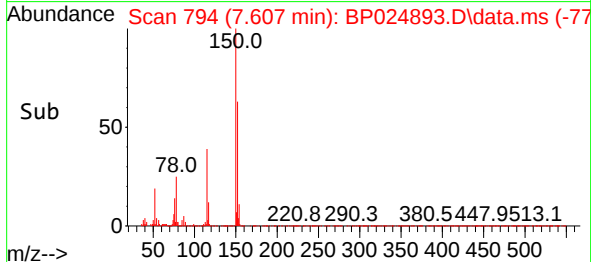
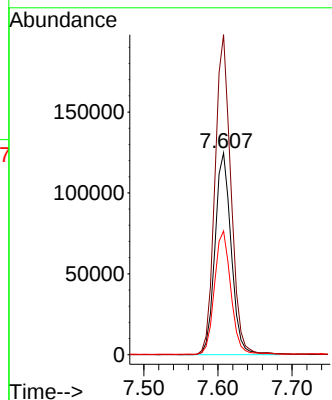
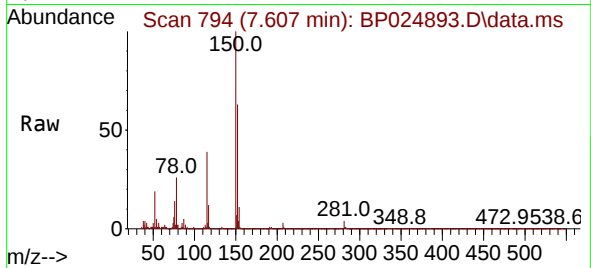




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

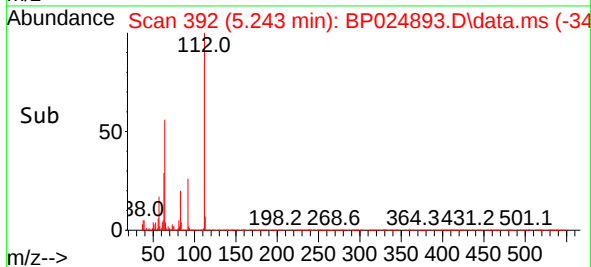
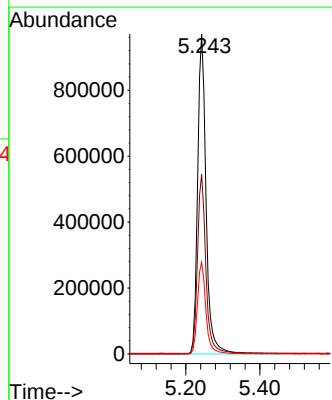
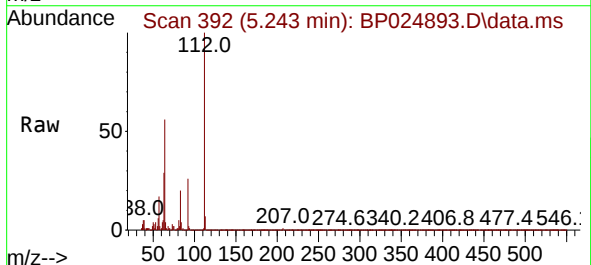
Instrument :
BNA_P
ClientSampleId :
WC-5RE

Tgt Ion:152 Resp: 189023
Ion Ratio Lower Upper
152 100
150 158.6 122.1 183.1
115 61.4 46.4 69.6



#5
2-Fluorophenol
Concen: 135.598 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

Tgt Ion:112 Resp: 1535539
Ion Ratio Lower Upper
112 100
64 56.1 44.7 67.1
63 28.7 23.5 35.3

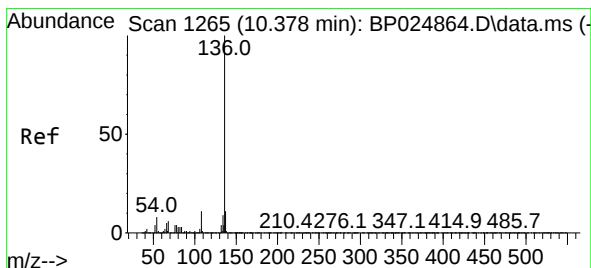
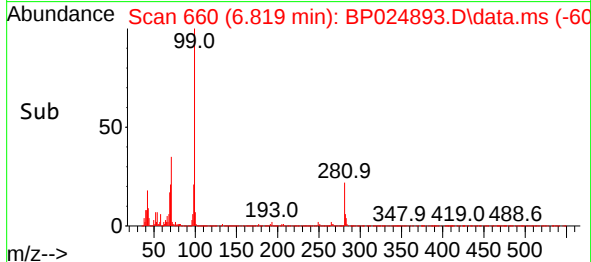
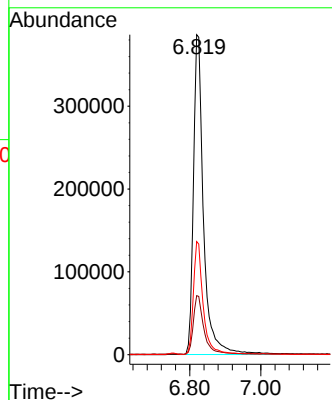
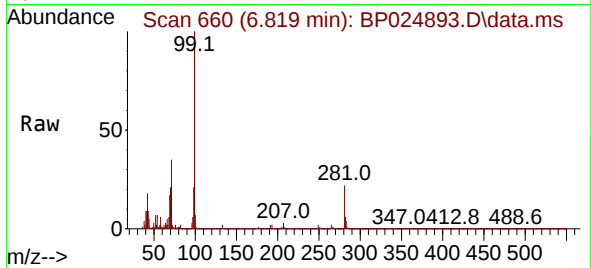




#7
Phenol-d6
Concen: 51.213 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

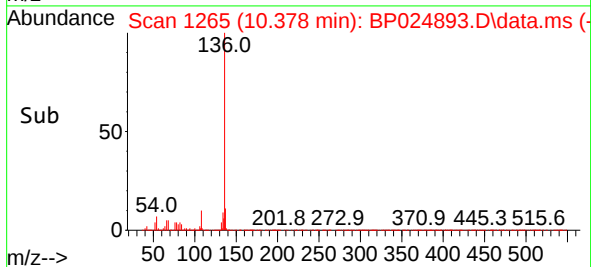
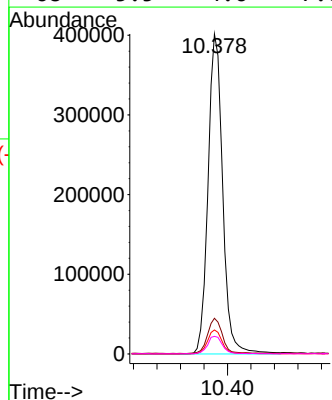
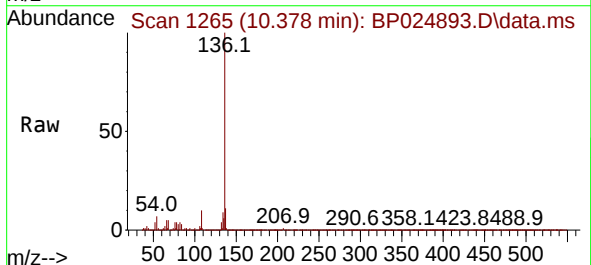
Instrument :
BNA_P
ClientSampleId :
WC-5RE

Tgt Ion: 99 Resp: 767319
Ion Ratio Lower Upper
99 100
42 18.5 13.4 20.2
71 35.4 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: BP024893.D
Acq: 10 Jun 2025 14:24

Tgt Ion: 136 Resp: 694582
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.1 9.1
68 5.5 4.6 7.0

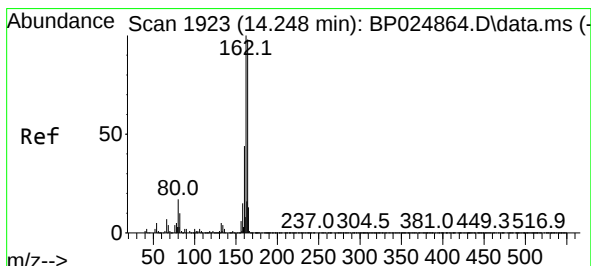
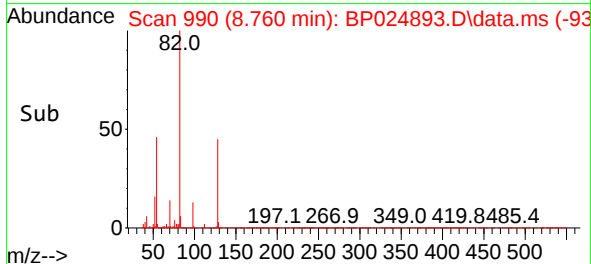
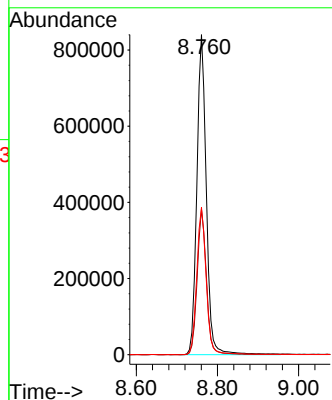
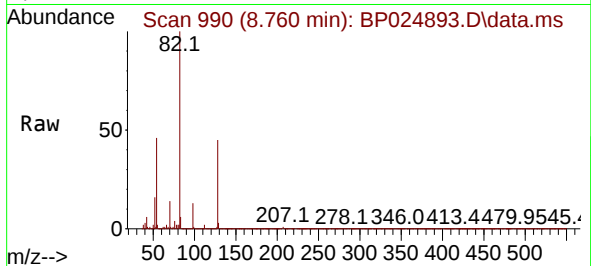




#23
Nitrobenzene-d5
Concen: 95.799 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

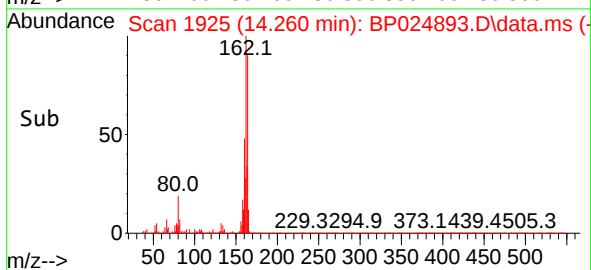
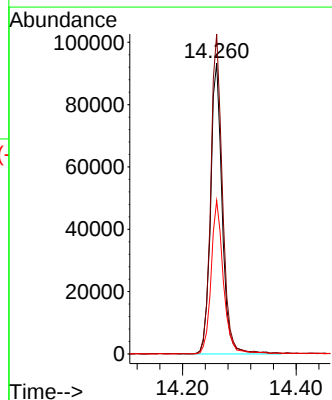
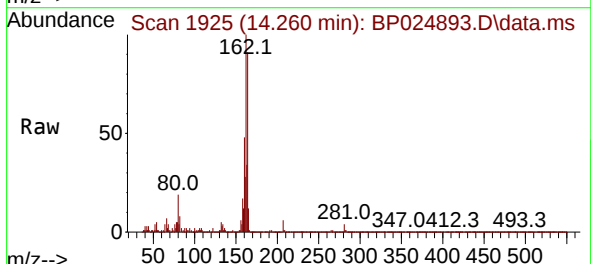
Instrument :
BNA_P
ClientSampleId :
WC-5RE

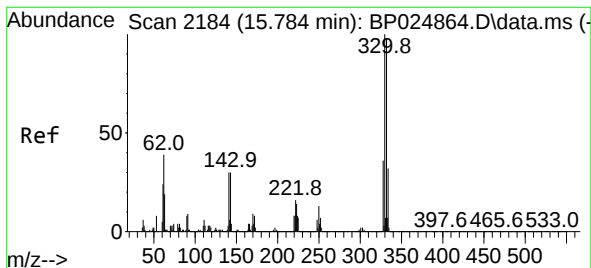
Tgt Ion: 82 Resp: 1369341
Ion Ratio Lower Upper
82 100
128 45.5 35.3 52.9
54 46.0 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

Tgt Ion:164 Resp: 131278
Ion Ratio Lower Upper
164 100
162 110.0 81.6 122.4
160 52.7 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 512.892 ng

RT: 15.789 min Scan# 2184

Delta R.T. 0.006 min

Lab File: BP024893.D

Acq: 10 Jun 2025 14:24

Instrument :

BNA_P

ClientSampleId :

WC-5RE

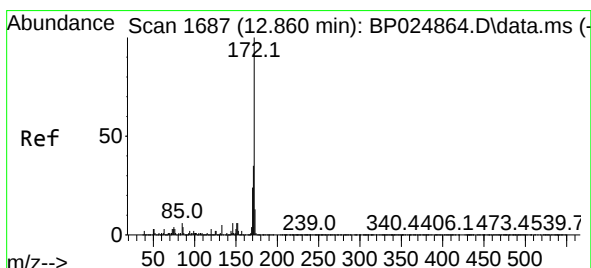
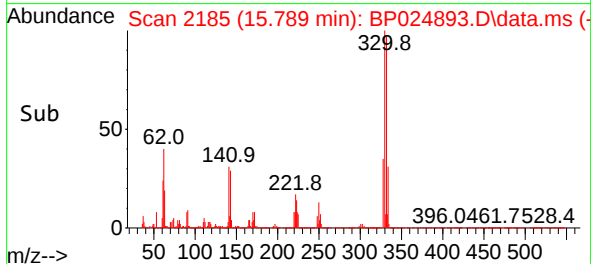
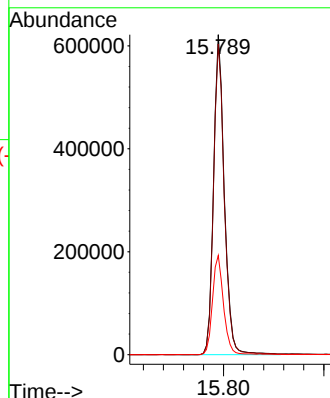
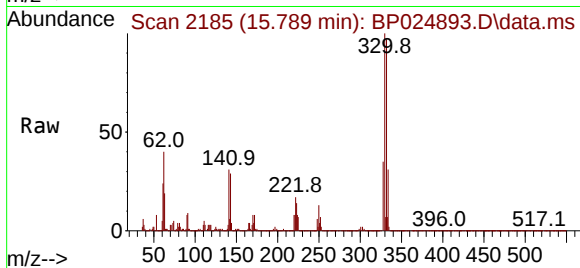
Tgt Ion:330 Resp: 930894

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

141 31.6 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 286.581 ng

RT: 12.860 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BP024893.D

Acq: 10 Jun 2025 14:24

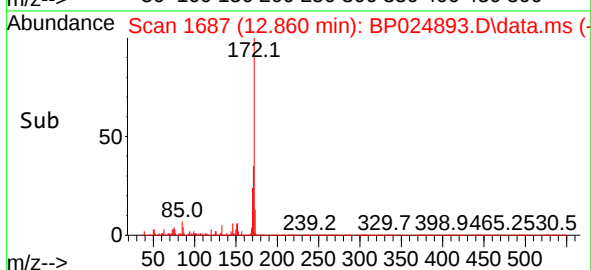
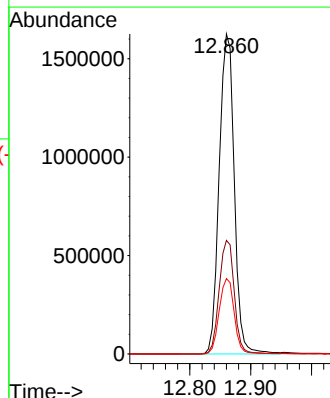
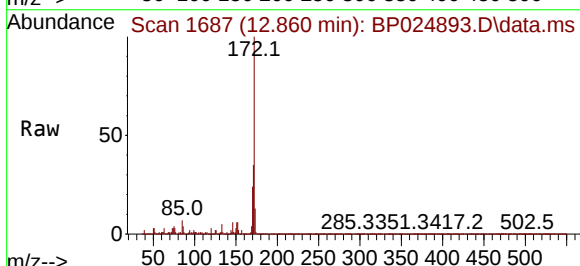
Tgt Ion:172 Resp: 2792755

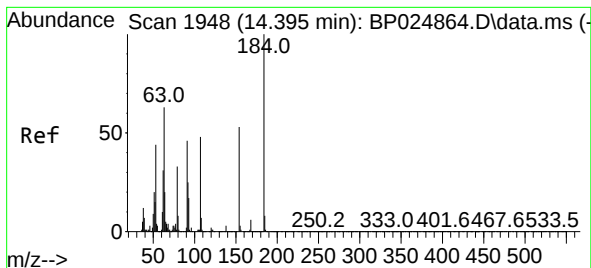
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.588 ng

RT: 14.419 min Scan# 1948

Delta R.T. 0.024 min

Lab File: BP024893.D

Acq: 10 Jun 2025 14:24

Instrument :

BNA_P

ClientSampleId :

WC-5RE

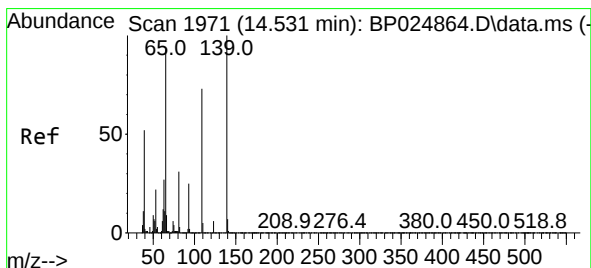
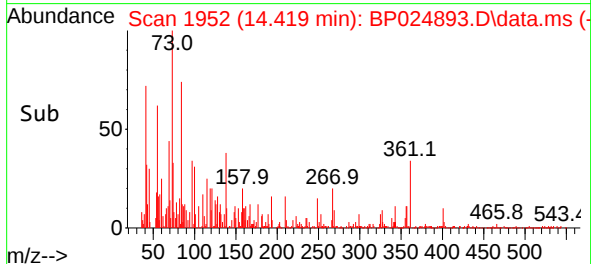
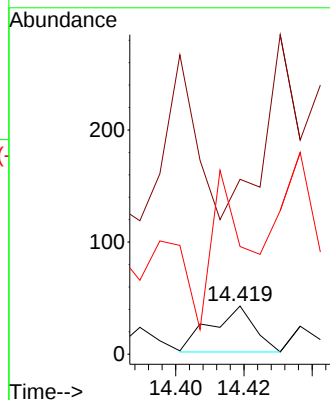
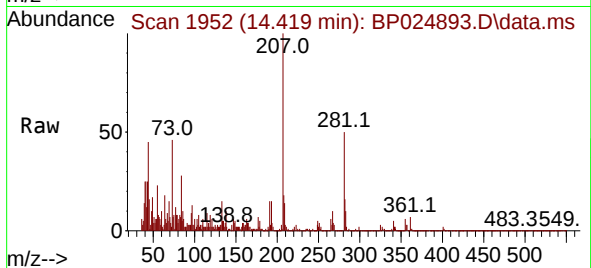
Tgt Ion:184 Resp: 36

Ion Ratio Lower Upper

184 100

63 362.8 51.0 76.4#

154 223.3 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.483 ng

RT: 14.725 min Scan# 2004

Delta R.T. 0.194 min

Lab File: BP024893.D

Acq: 10 Jun 2025 14:24

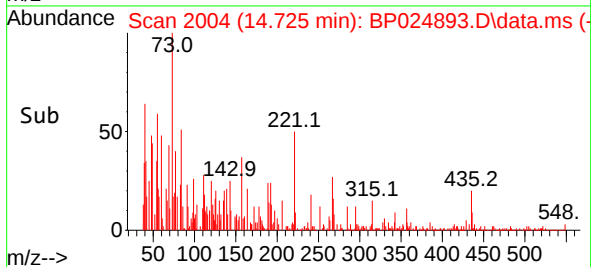
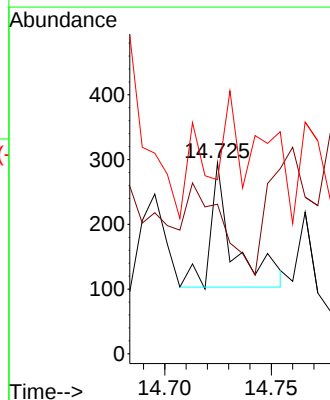
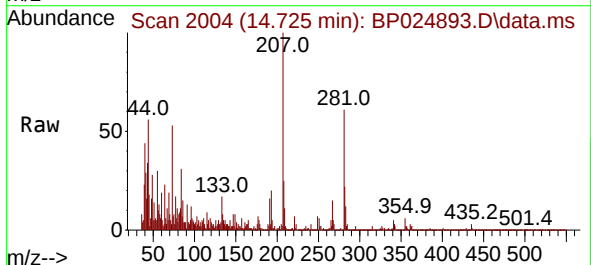
Tgt Ion:139 Resp: 146

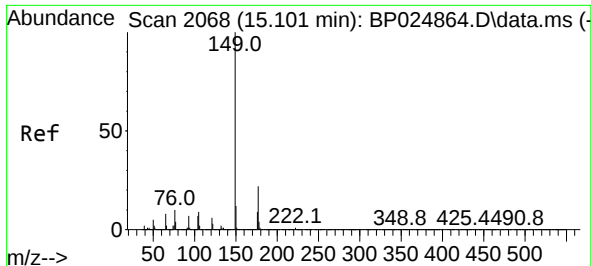
Ion Ratio Lower Upper

139 100

109 78.3 53.1 93.1

65 91.2 73.0 113.0

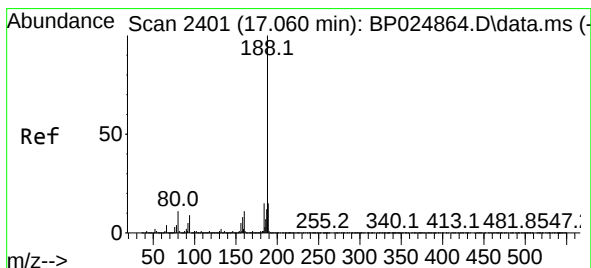
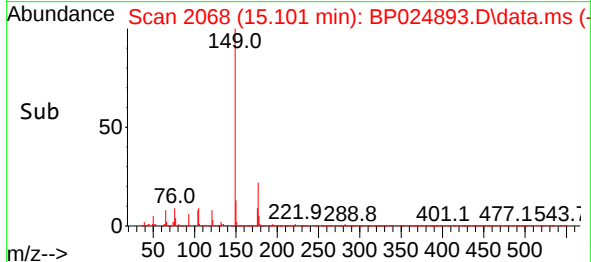
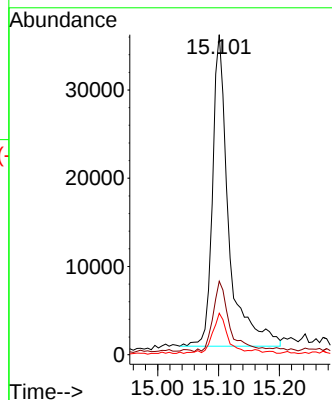
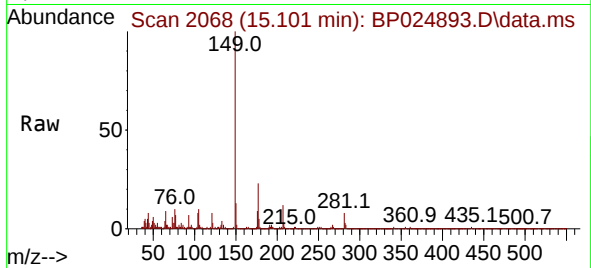




#60
Diethylphthalate
Concen: 6.763 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

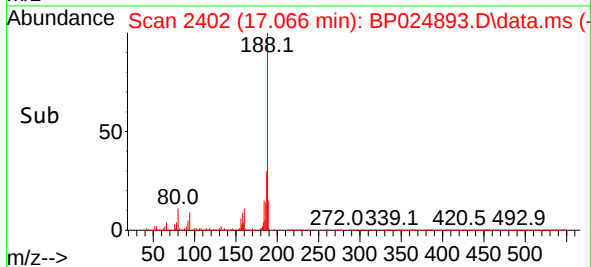
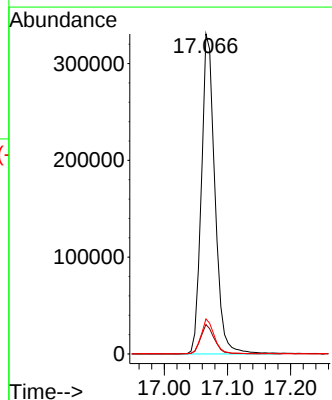
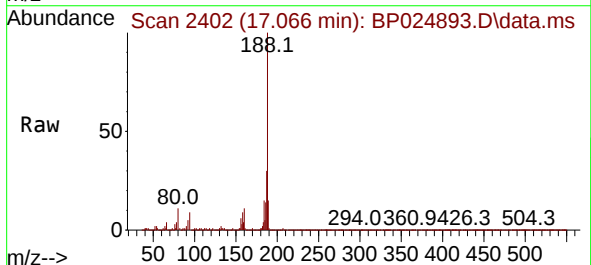
Instrument :
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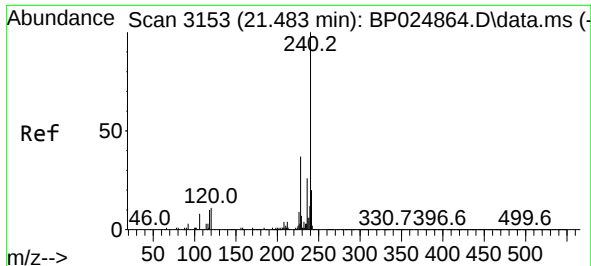
Tgt Ion:149 Resp: 65274
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 13.0 9.8 14.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

Tgt Ion:188 Resp: 494337
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.9 8.5 12.7

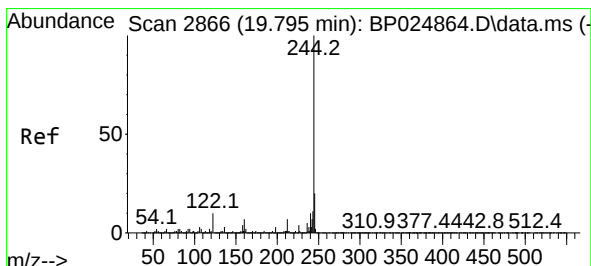
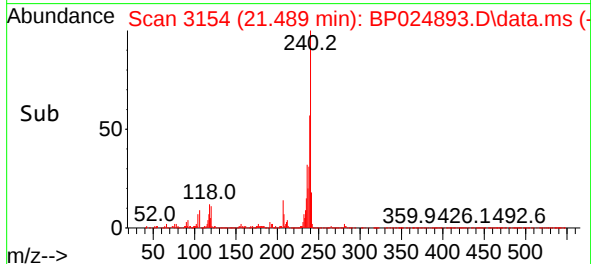
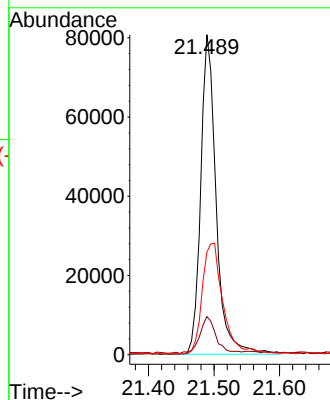
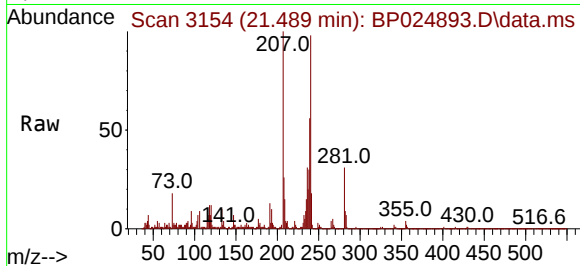




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

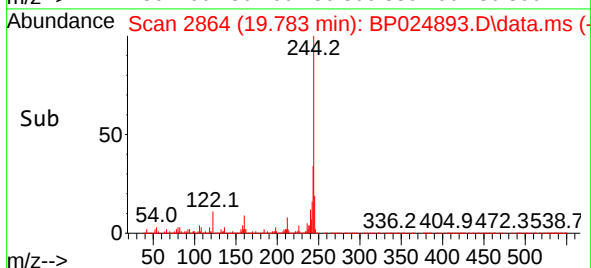
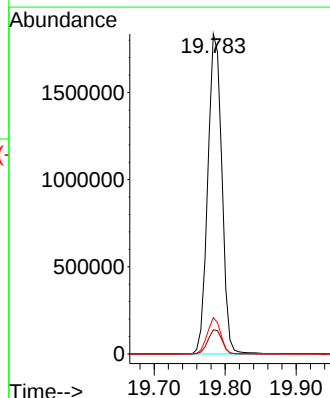
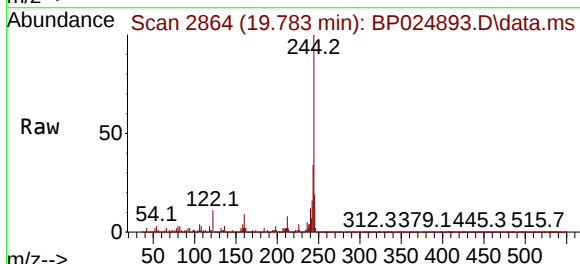
Instrument :
BNA_P
ClientSampleId :
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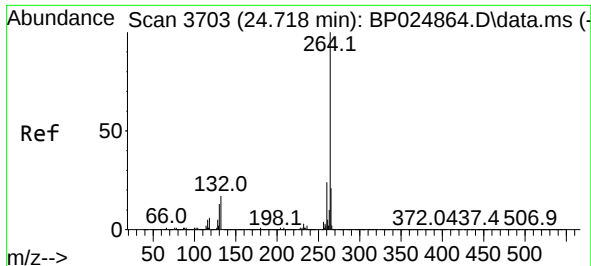
Tgt Ion:240 Resp: 132180
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 32.1 20.9 31.3#



#79
Terphenyl-d14
Concen: 343.254 ng
RT: 19.783 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

Tgt Ion:244 Resp: 2531534
Ion Ratio Lower Upper
244 100
212 7.5 5.6 8.4
122 11.3 7.7 11.5

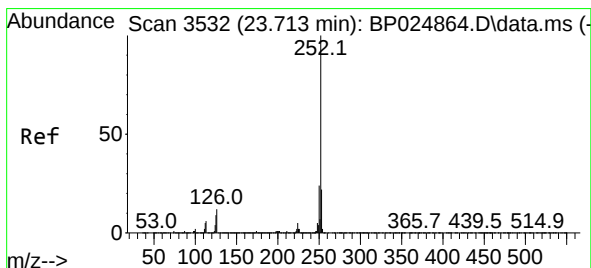
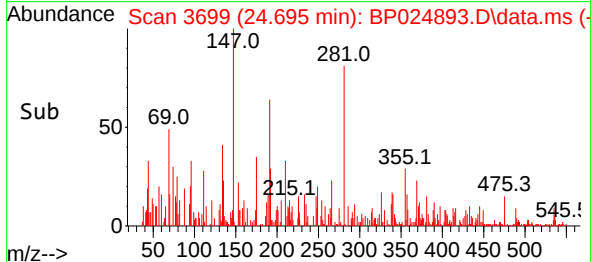
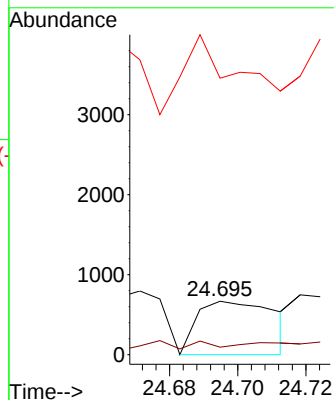
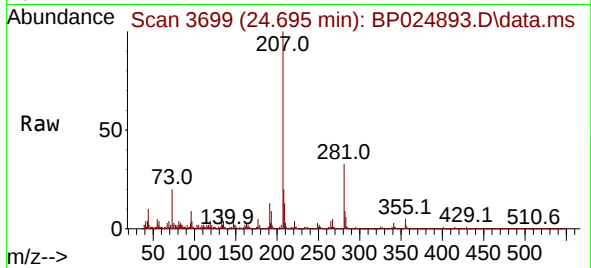




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.695 min Scan# 3699
 Delta R.T. -0.024 min
 Lab File: BP024893.D
 Acq: 10 Jun 2025 14:24

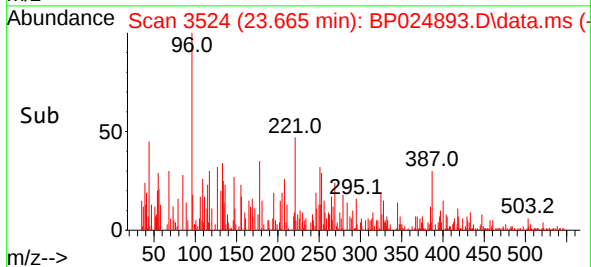
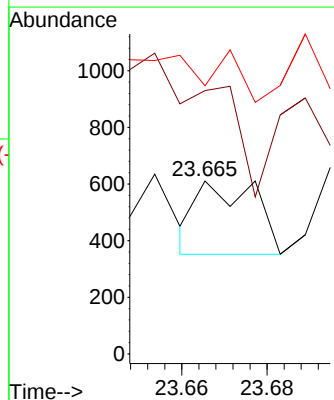
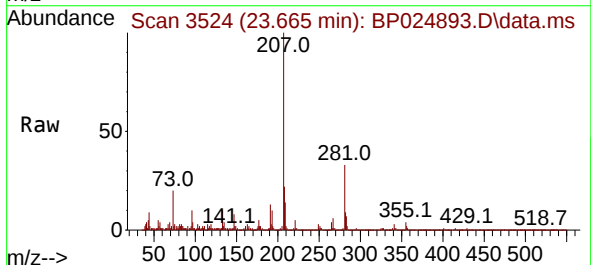
Instrument :
 BNA_P
 ClientSampleId :
 WC-5RE

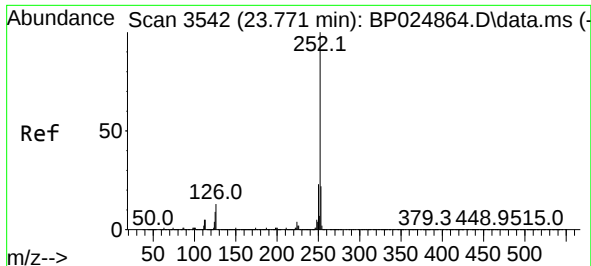
Tgt Ion:264 Resp: 1058
 Ion Ratio Lower Upper
 264 100
 260 14.2 19.0 28.4#
 265 517.2 17.4 26.0#



#88
 Benzo(b)fluoranthene
 Concen: 3.997 ng
 RT: 23.665 min Scan# 3524
 Delta R.T. -0.047 min
 Lab File: BP024893.D
 Acq: 10 Jun 2025 14:24

Tgt Ion:252 Resp: 242
 Ion Ratio Lower Upper
 252 100
 253 152.2 17.6 26.4#
 125 155.0 7.1 10.7#

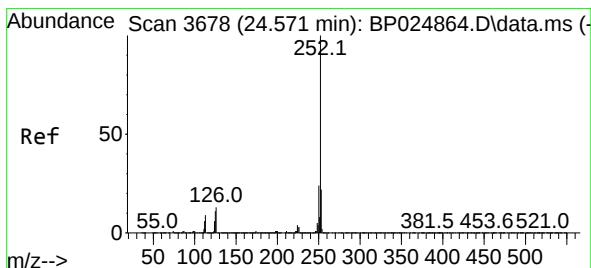
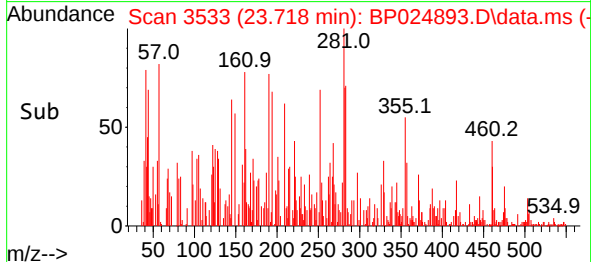
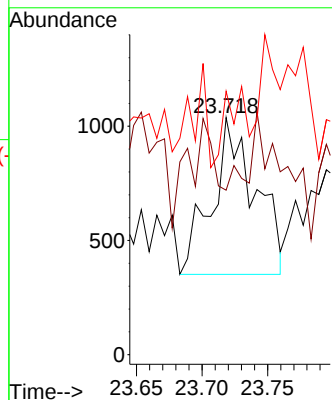
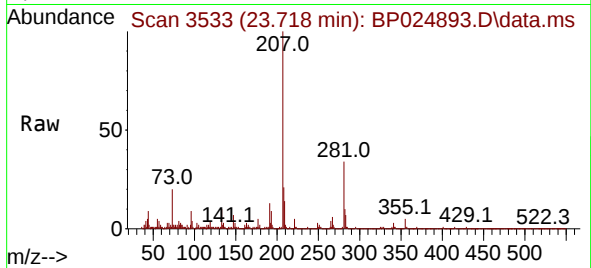




#89
Benzo(k)fluoranthene
Concen: 25.408 ng
RT: 23.718 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

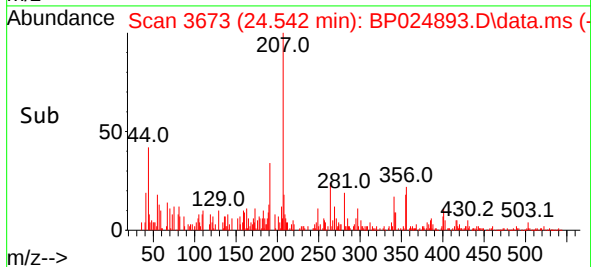
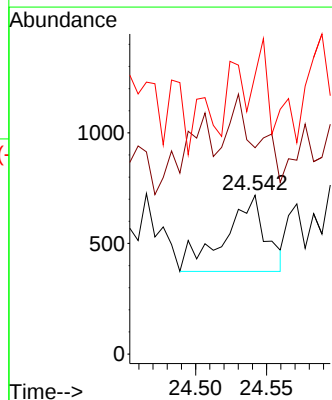
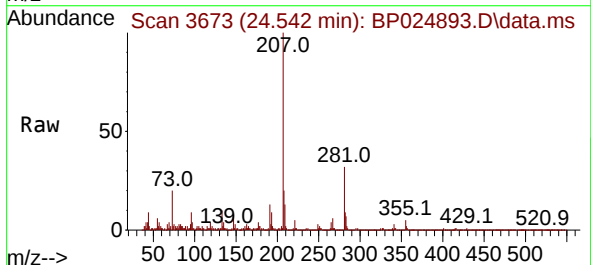
Instrument :
BNA_P
ClientSampleId :
WC-5RE

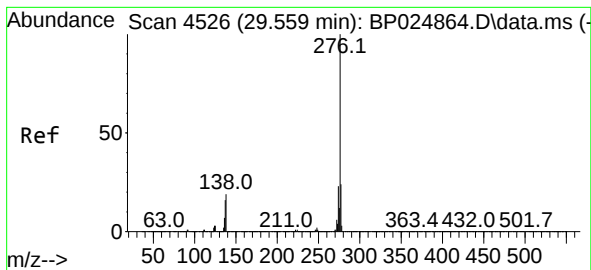
Tgt Ion:252 Resp: 1566
Ion Ratio Lower Upper
252 100
253 69.4 17.7 26.5#
125 111.1 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 11.635 ng
RT: 24.542 min Scan# 3673
Delta R.T. -0.030 min
Lab File: BP024893.D
Acq: 10 Jun 2025 14:24

Tgt Ion:252 Resp: 688
Ion Ratio Lower Upper
252 100
253 129.9 17.5 26.3#
125 175.8 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 3.160 ng

RT: 29.530 min Scan# 4

Delta R.T. -0.030 min

Lab File: BP024893.D

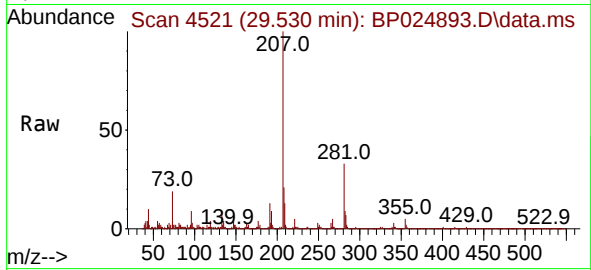
Acq: 10 Jun 2025 14:24

Instrument :

BNA_P

ClientSampleId :

WC-5RE



Tgt Ion: 276 Resp: 197

Ion Ratio Lower Upper

276 100

277 63.2 19.1 28.7#

138 157.3 15.4 23.2#

