

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073125\
 Data File : BP025281.D
 Acq On : 31 Jul 2025 15:30
 Operator : CG/JU
 Sample : Q2726-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WBR-PBO

Quant Time: Jul 31 15:52:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

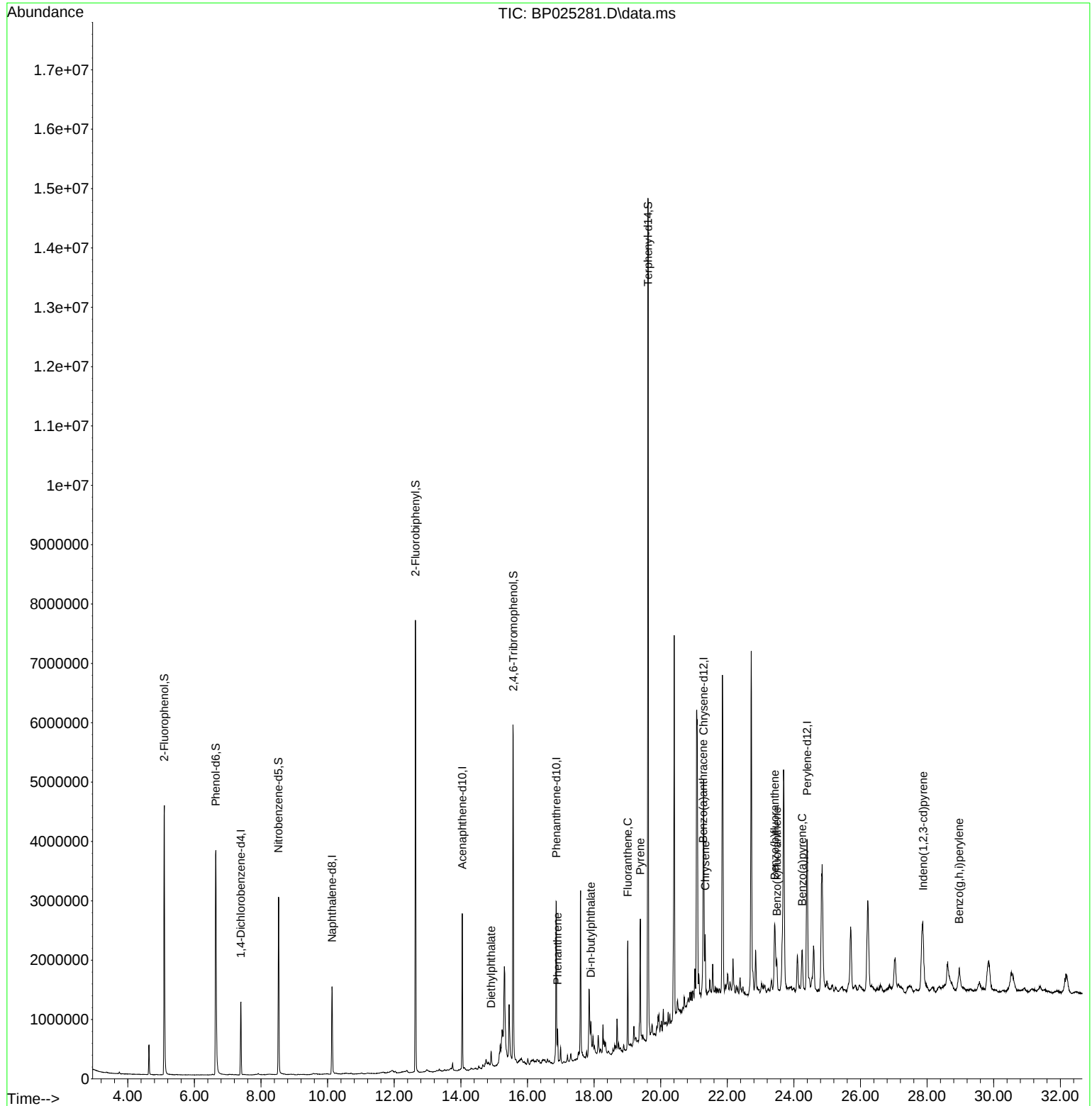
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	359137	20.000	ng	0.00
21) Naphthalene-d8	10.131	136	1375907	20.000	ng	-0.01
39) Acenaphthene-d10	14.042	164	827966	20.000	ng	0.00
64) Phenanthrene-d10	16.866	188	1658809	20.000	ng	-0.01
76) Chrysene-d12	21.289	240	2013967	20.000	ng	-0.02
86) Perylene-d12	24.395	264	2480586	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2298645	108.145	ng	-0.01
7) Phenol-d6	6.643	99	2836680	107.754	ng	0.00
23) Nitrobenzene-d5	8.525	82	1723355	69.607	ng	-0.01
42) 2,4,6-Tribromophenol	15.572	330	1254328	102.763	ng	0.00
45) 2-Fluorobiphenyl	12.637	172	3713872	63.238	ng	-0.01
79) Terphenyl-d14	19.619	244	5863747	57.475	ng	-0.01
Target Compounds						
						Qvalue
60) Diethylphthalate	14.913	149	207364	3.553	ng	98
71) Phenanthrene	16.901	178	368027	4.114	ng	99
74) Di-n-butylphthalate	17.907	149	249602	2.514	ng	99
75) Fluoranthene	19.013	202	1019022	9.678	ng	99
78) Pyrene	19.389	202	1202334	9.682	ng	99
81) Benzo(a)anthracene	21.271	228	665651	5.234	ng	97
83) Chrysene	21.336	228	749974	6.317	ng	97
87) Indeno(1,2,3-cd)pyrene	27.883	276	561817	3.099	ng	# 92
88) Benzo(b)fluoranthene	23.424	252	1245275	8.770	ng	98
89) Benzo(k)fluoranthene	23.489	252	429454	3.064	ng	97
90) Benzo(a)pyrene	24.248	252	750514	5.417	ng	97
92) Benzo(g,h,i)perylene	28.965	276	519568	3.575	ng	97

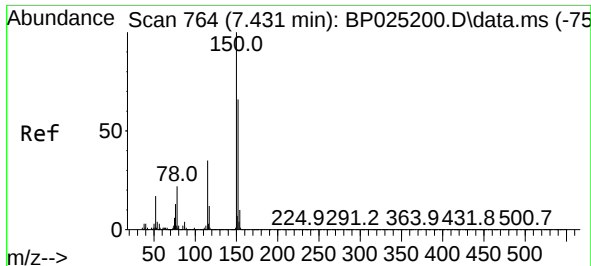
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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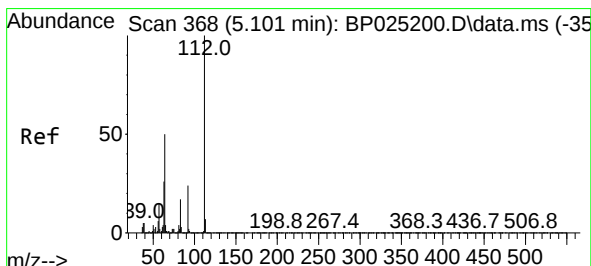
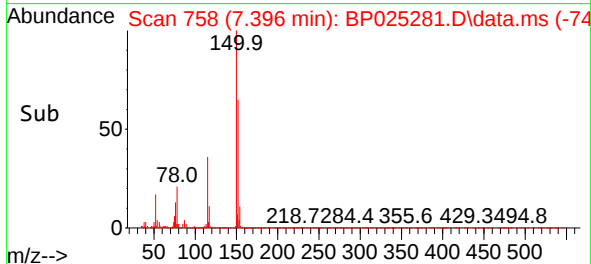
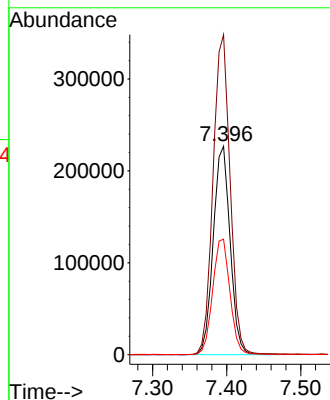
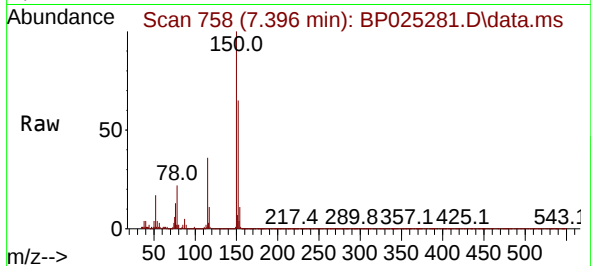




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.396 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

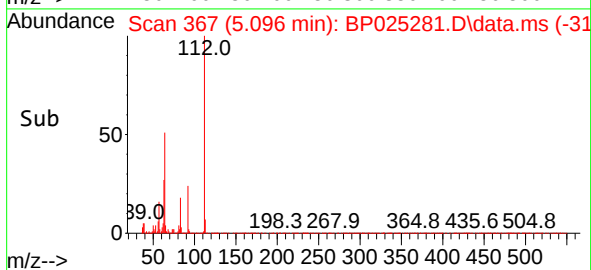
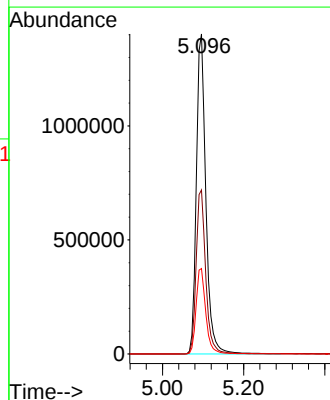
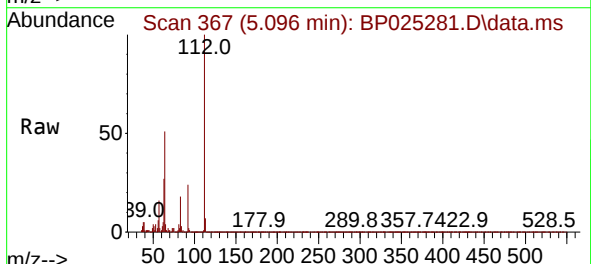
Instrument :
BNA_P
ClientSampleId :
WBR-PBO

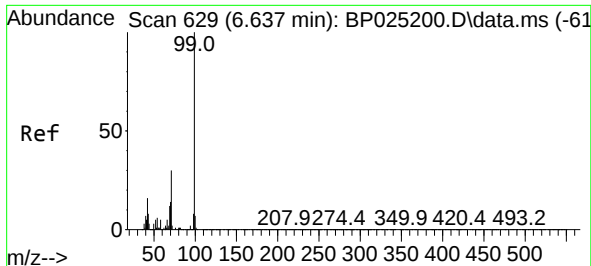
Tgt Ion:152 Resp: 359137
Ion Ratio Lower Upper
152 100
150 153.5 121.9 182.9
115 55.4 43.0 64.6



#5
2-Fluorophenol
Concen: 108.145 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

Tgt Ion:112 Resp: 2298645
Ion Ratio Lower Upper
112 100
64 51.2 39.8 59.6
63 26.7 20.5 30.7

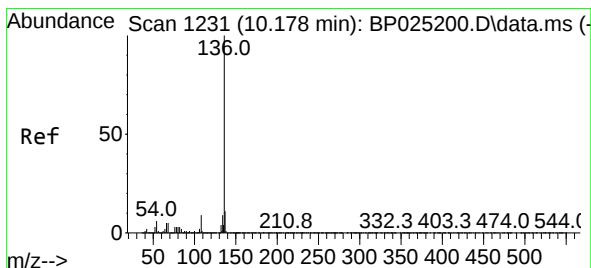
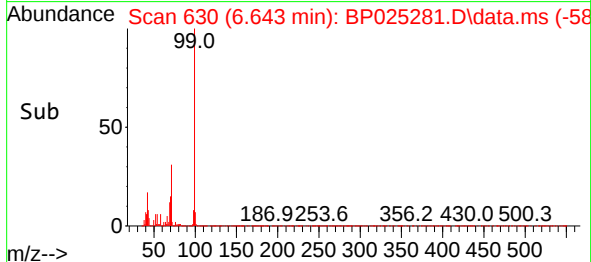
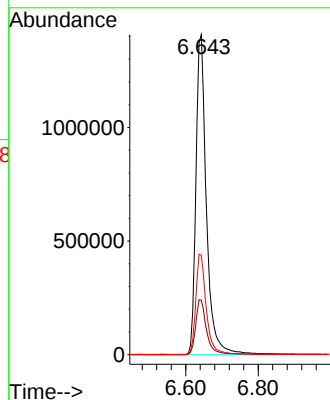
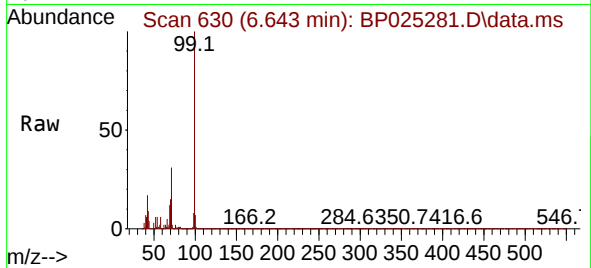




#7
Phenol-d6
Concen: 107.754 ng
RT: 6.643 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

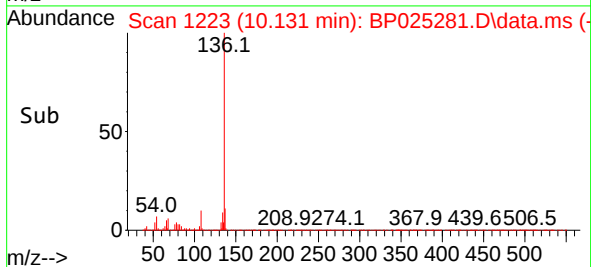
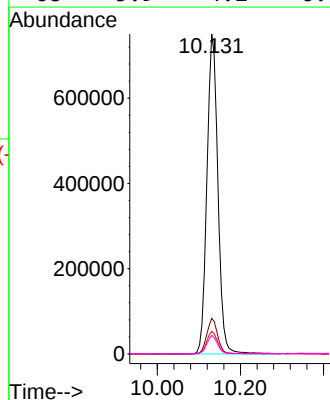
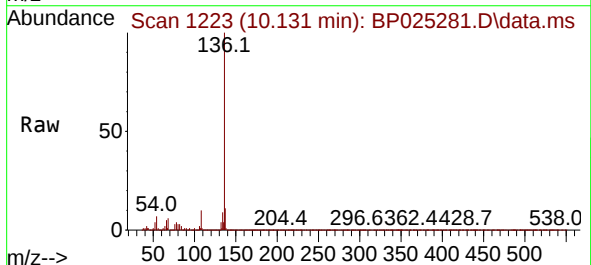
Instrument :
BNA_P
ClientSampleId :
WBR-PBO

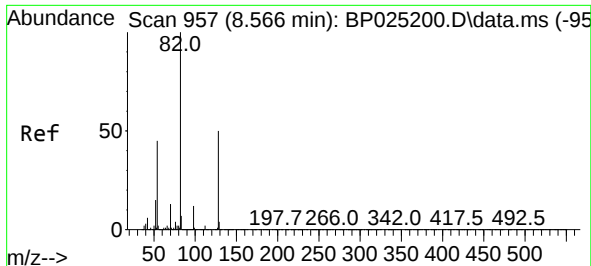
Tgt Ion: 99 Resp: 2836680
Ion Ratio Lower Upper
99 100
42 17.0 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.131 min Scan# 1223
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

Tgt Ion: 136 Resp: 1375907
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.1 5.1 7.7
68 5.9 4.2 6.4

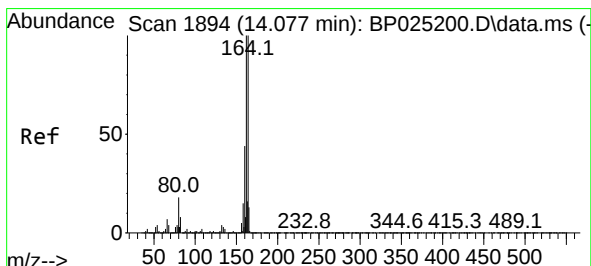
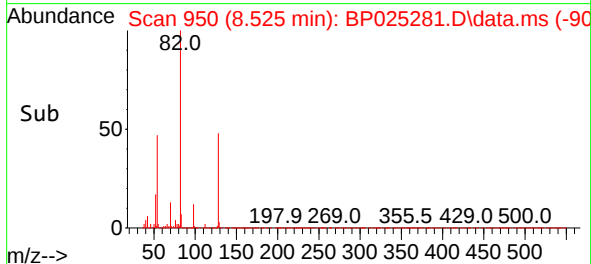
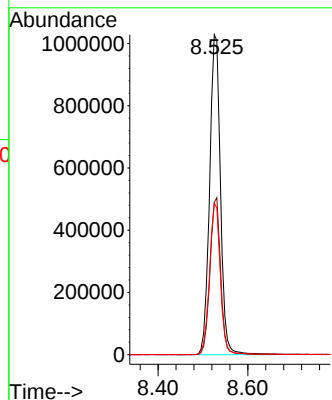
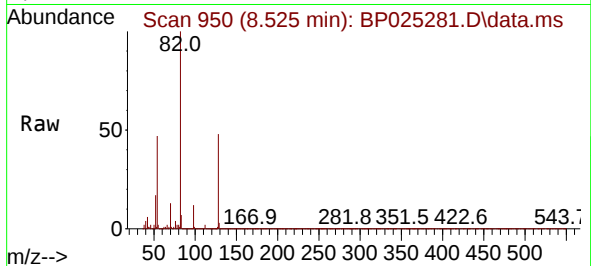




#23
Nitrobenzene-d5
Concen: 69.607 ng
RT: 8.525 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

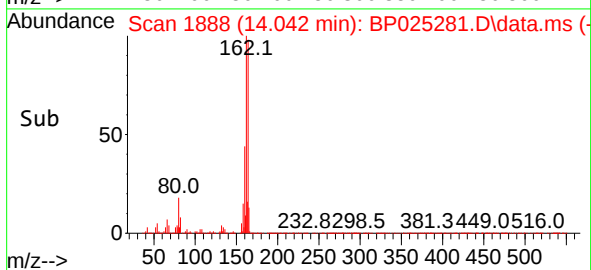
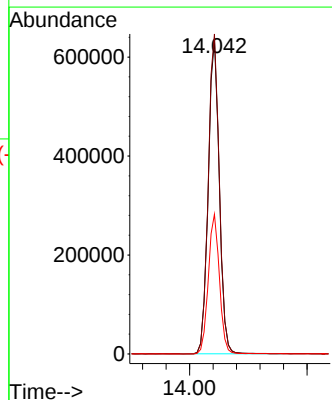
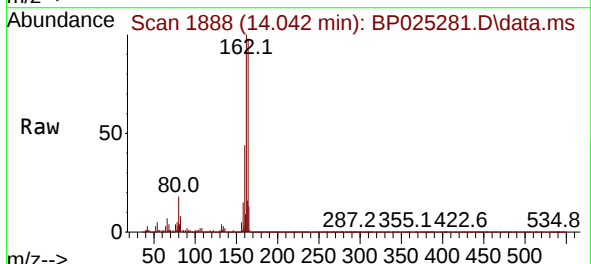
Instrument :
BNA_P
ClientSampleId :
WBR-PBO

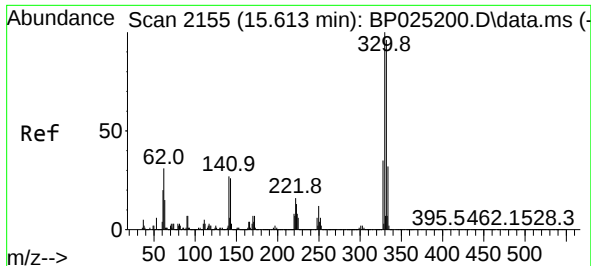
Tgt Ion: 82 Resp: 1723355
Ion Ratio Lower Upper
82 100
128 47.7 40.2 60.4
54 47.4 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.042 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

Tgt Ion:164 Resp: 827966
Ion Ratio Lower Upper
164 100
162 101.9 80.3 120.5
160 44.5 35.7 53.5



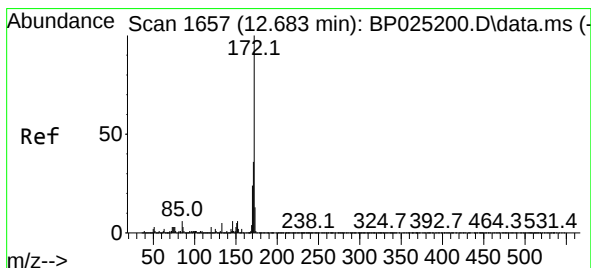
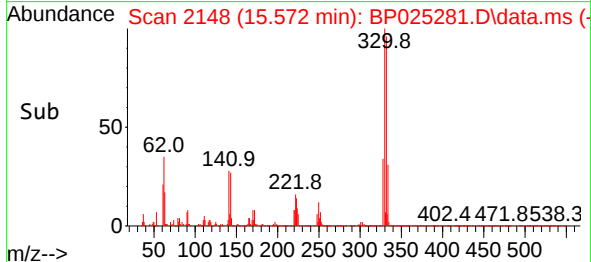
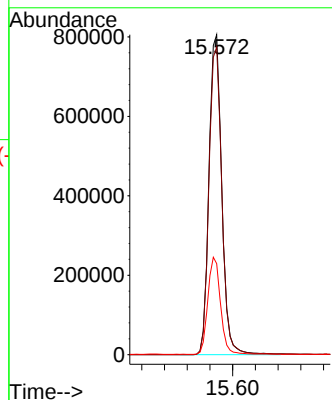
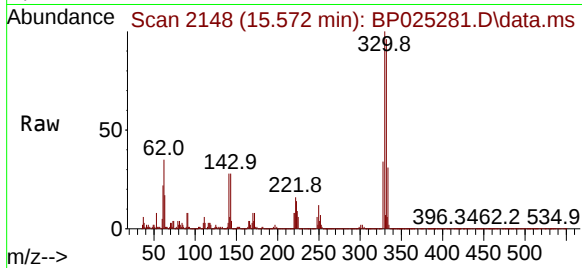


#42
 2,4,6-Tribromophenol
 Concen: 102.763 ng
 RT: 15.572 min Scan# 2155
 Delta R.T. -0.006 min
 Lab File: BP025281.D
 Acq: 31 Jul 2025 15:30

Instrument :
 BNA_P
 ClientSampleId :
 WBR-PBO

Tgt Ion:330 Resp: 1254328

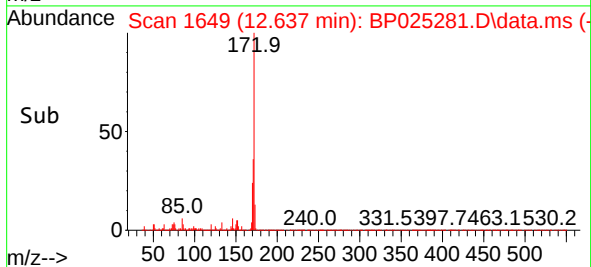
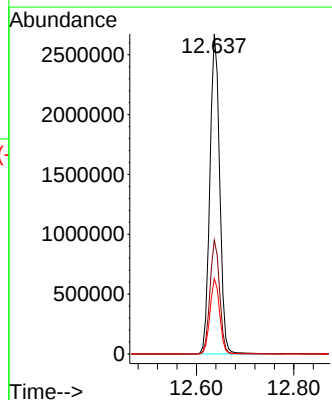
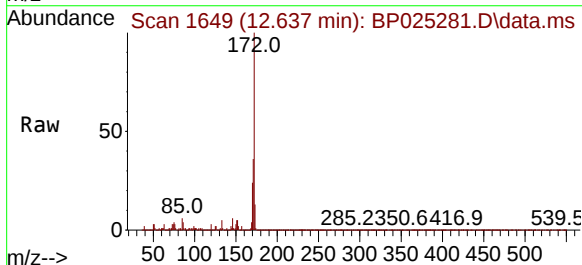
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	30.0	22.4	33.6

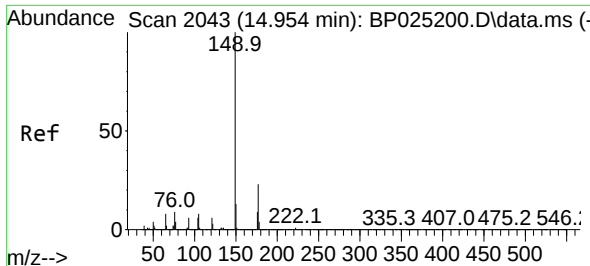


#45
 2-Fluorobiphenyl
 Concen: 63.238 ng
 RT: 12.637 min Scan# 1649
 Delta R.T. -0.012 min
 Lab File: BP025281.D
 Acq: 31 Jul 2025 15:30

Tgt Ion:172 Resp: 3713872

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.5	19.2	28.8

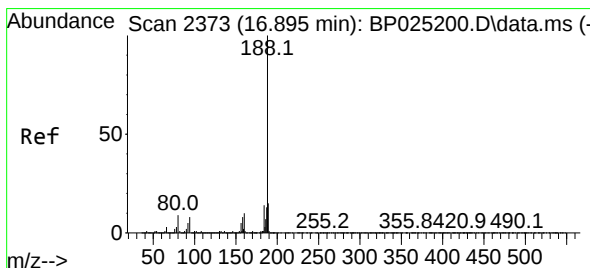
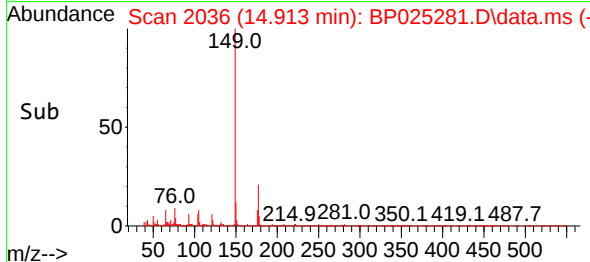
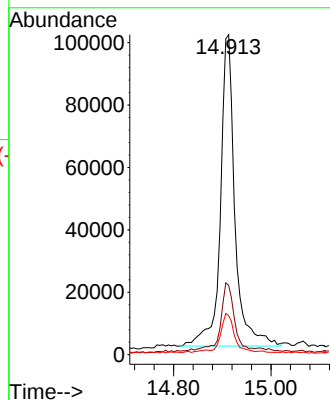
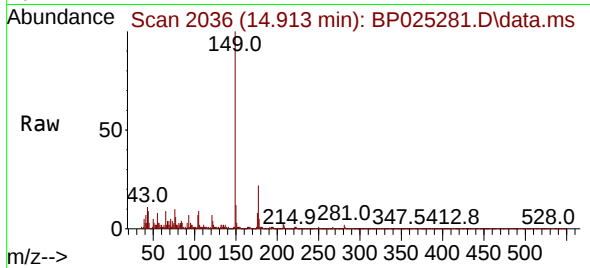




#60
Diethylphthalate
Concen: 3.553 ng
RT: 14.913 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

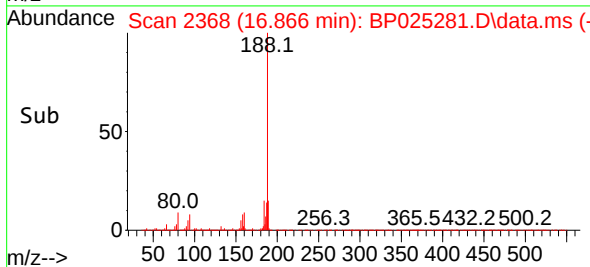
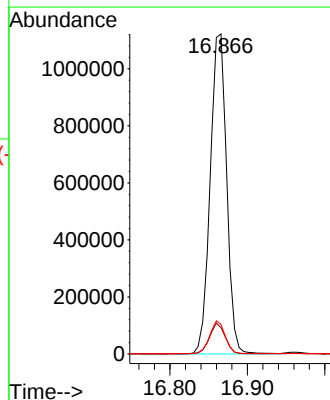
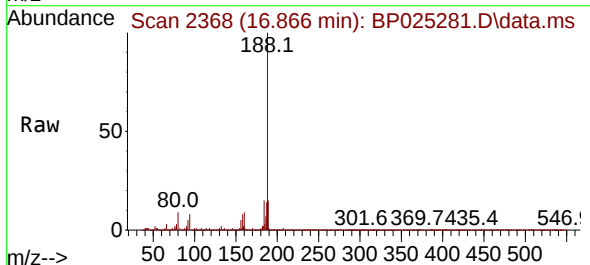
Instrument :
BNA_P
ClientSampleId :
WBR-PBO

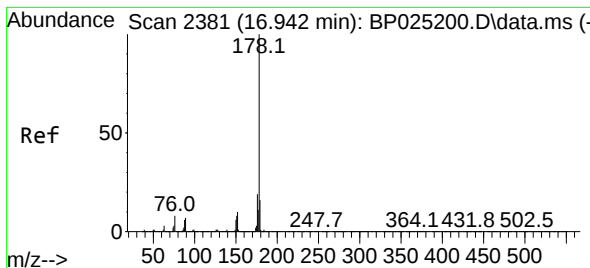
Tgt Ion:149 Resp: 207364
Ion Ratio Lower Upper
149 100
177 21.7 18.4 27.6
150 12.2 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.866 min Scan# 2368
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

Tgt Ion:188 Resp: 1658809
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.2 7.3 10.9





#71

Phenanthrene

Concen: 4.114 ng

RT: 16.901 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025281.D

Acq: 31 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

WBR-PBO

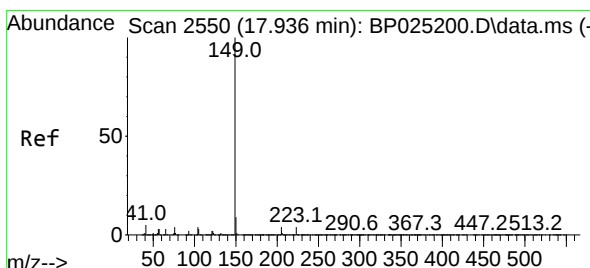
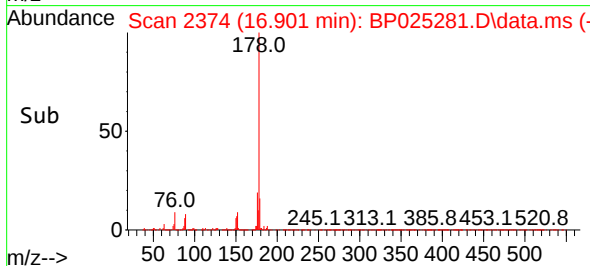
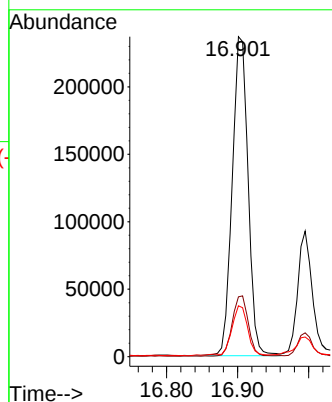
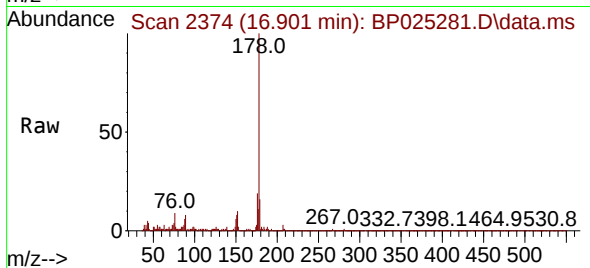
Tgt Ion:178 Resp: 368027

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

179 15.9 12.5 18.7



#74

Di-n-butylphthalate

Concen: 2.514 ng

RT: 17.907 min Scan# 2545

Delta R.T. -0.012 min

Lab File: BP025281.D

Acq: 31 Jul 2025 15:30

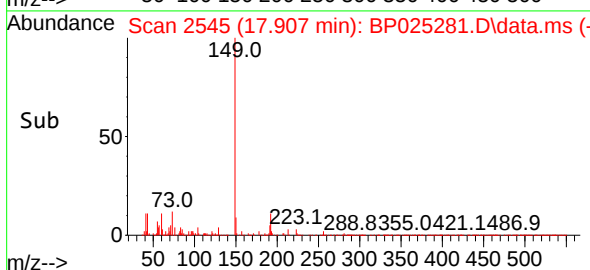
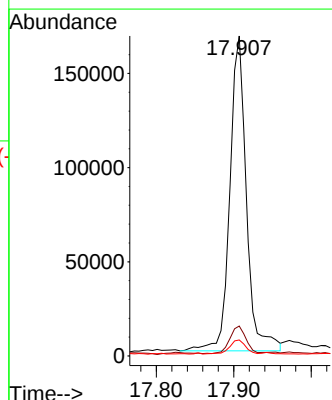
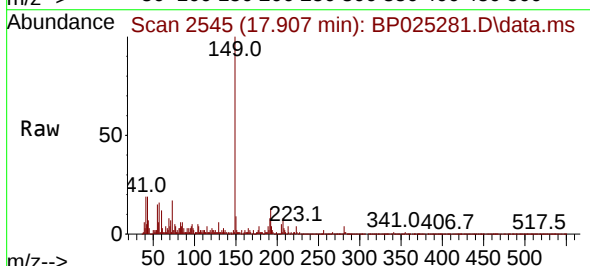
Tgt Ion:149 Resp: 249602

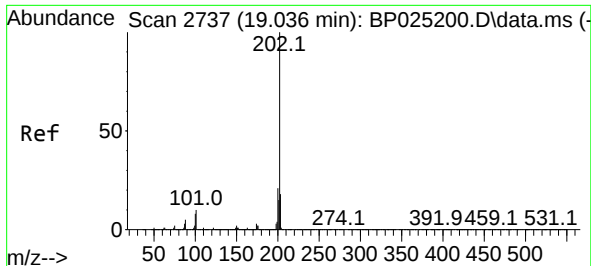
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.0 3.5 5.3

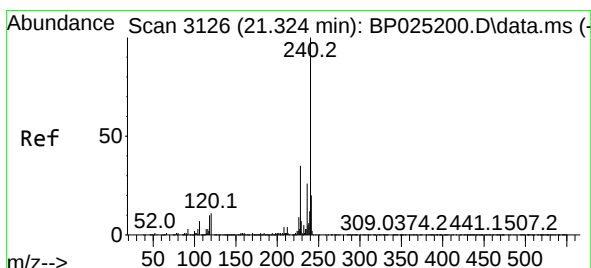
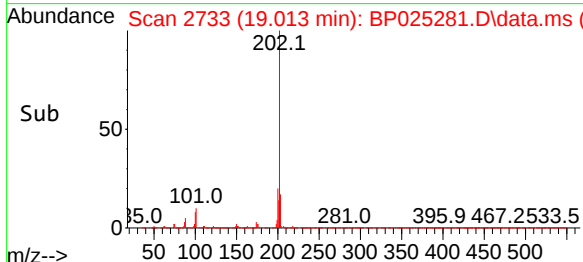
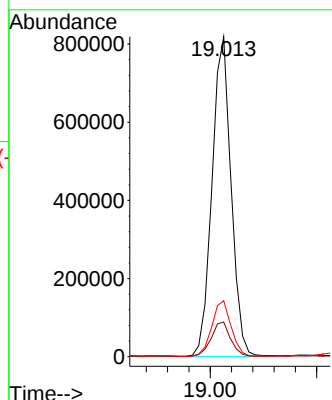
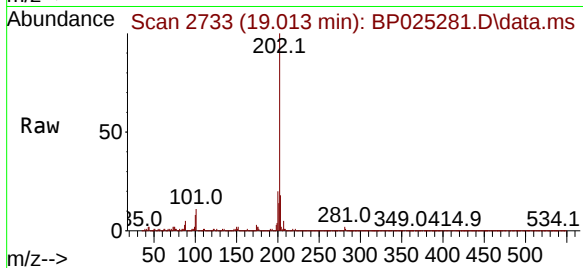




#75
Fluoranthene
Concen: 9.678 ng
RT: 19.013 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

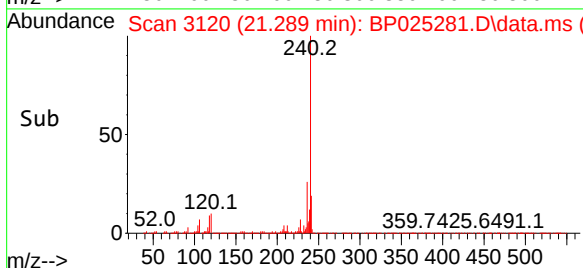
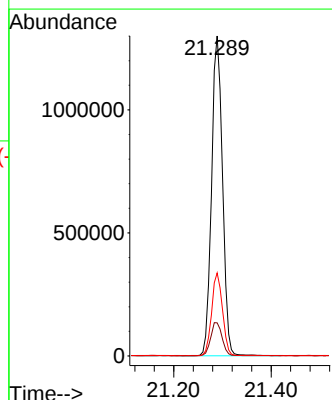
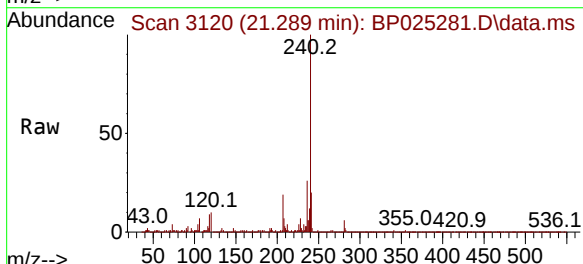
Instrument :
BNA_P
ClientSampleId :
WBR-PBO

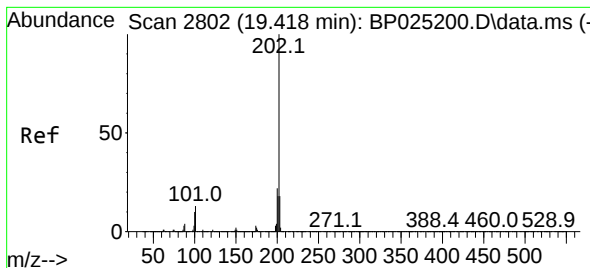
Tgt Ion:202 Resp: 1019022
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.3
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.289 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

Tgt Ion:240 Resp: 2013967
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.0 20.9 31.3





#78

Pyrene

Concen: 9.682 ng

RT: 19.389 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025281.D

Acq: 31 Jul 2025 15:30

Instrument :

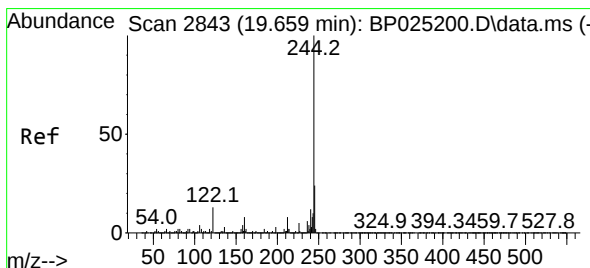
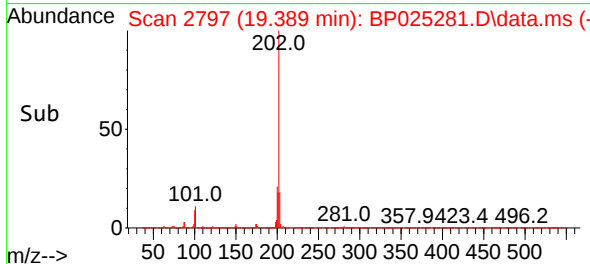
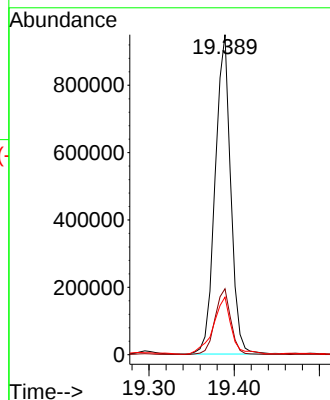
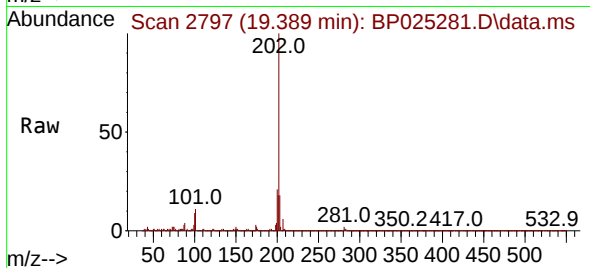
BNA_P

ClientSampleId :

WBR-PBO

Tgt Ion:202 Resp: 1202334

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.0	14.3	21.5



#79

Terphenyl-d14

Concen: 57.475 ng

RT: 19.619 min Scan# 2836

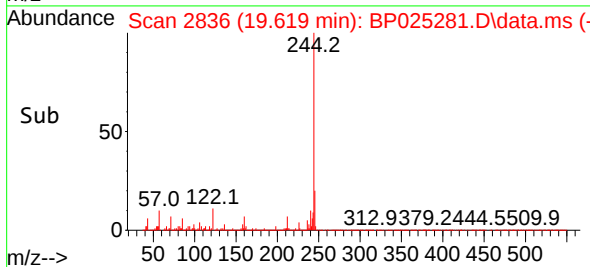
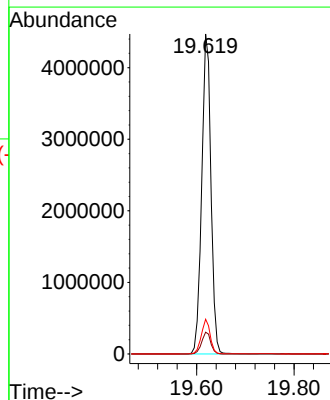
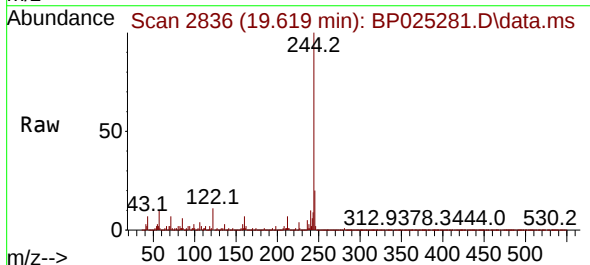
Delta R.T. -0.012 min

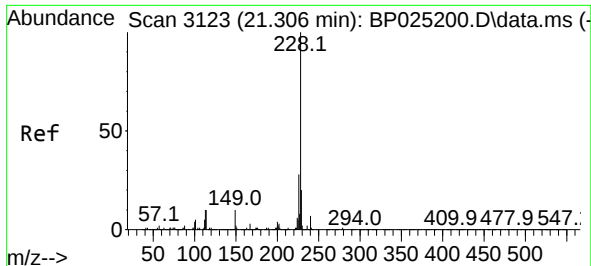
Lab File: BP025281.D

Acq: 31 Jul 2025 15:30

Tgt Ion:244 Resp: 5863747

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	9.8
122	10.9	10.3	15.5

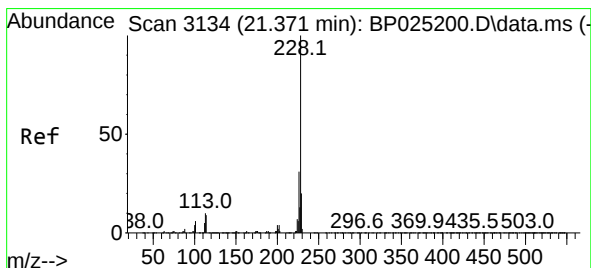
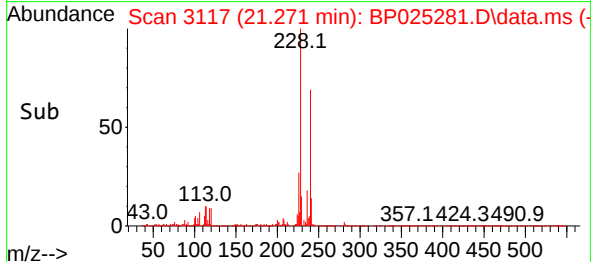
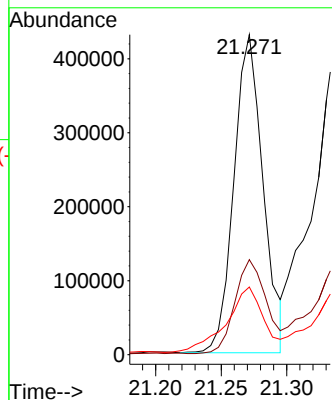
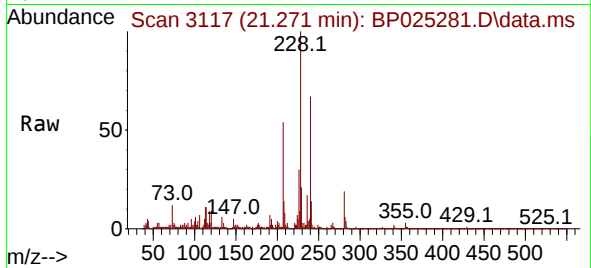




#81
Benzo(a)anthracene
Concen: 5.234 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

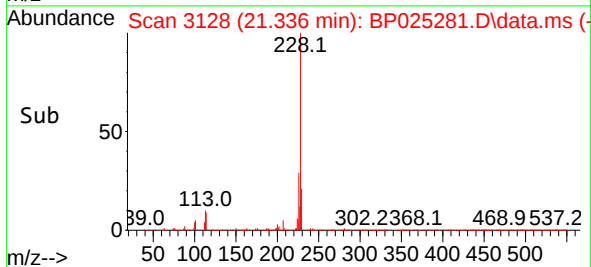
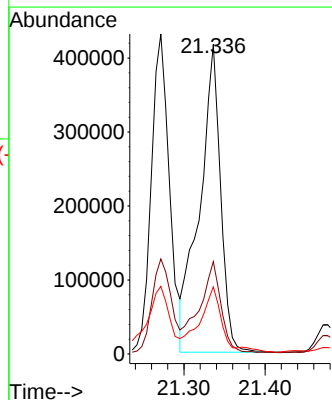
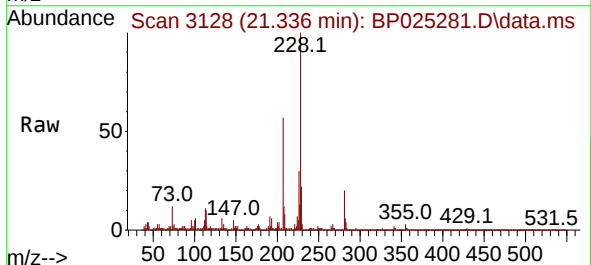
Instrument :
BNA_P
ClientSampleId :
WBR-PBO

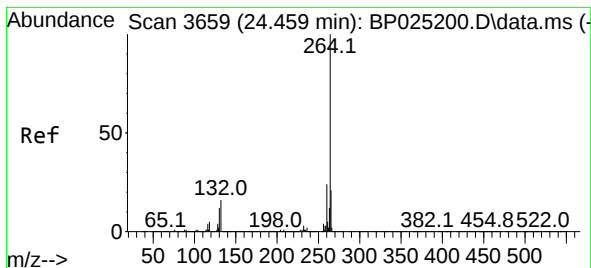
Tgt Ion:228 Resp: 665651
Ion Ratio Lower Upper
228 100
226 29.7 22.3 33.5
229 21.2 16.2 24.2



#83
Chrysene
Concen: 6.317 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

Tgt Ion:228 Resp: 749974
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 21.6 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.395 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP025281.D

Acq: 31 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

WBR-PBO

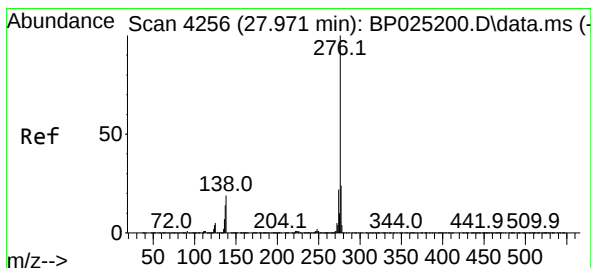
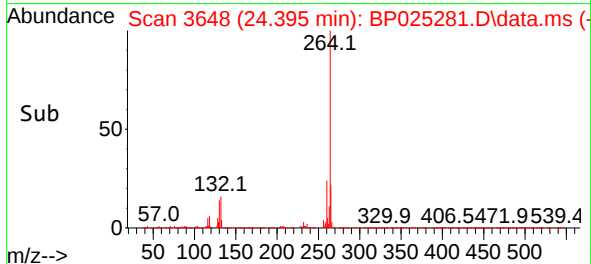
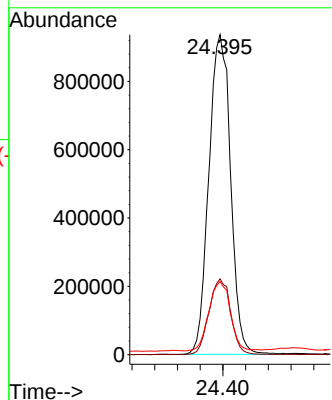
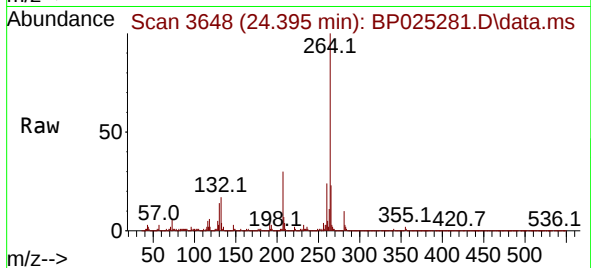
Tgt Ion:264 Resp: 2480586

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.9 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.099 ng

RT: 27.883 min Scan# 4241

Delta R.T. -0.035 min

Lab File: BP025281.D

Acq: 31 Jul 2025 15:30

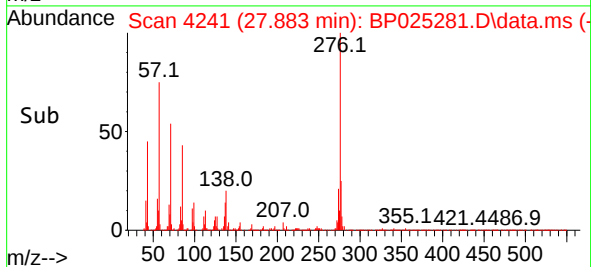
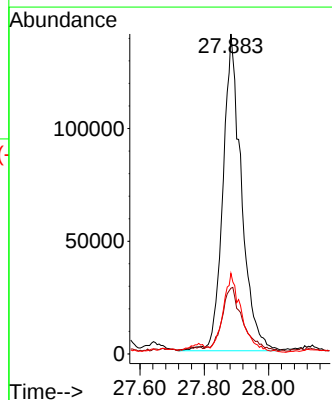
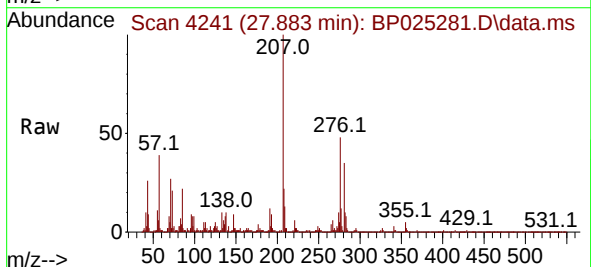
Tgt Ion:276 Resp: 561817

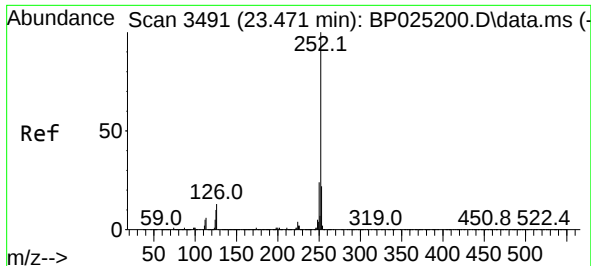
Ion Ratio Lower Upper

276 100

138 22.4 12.8 19.2#

277 23.5 20.3 30.5

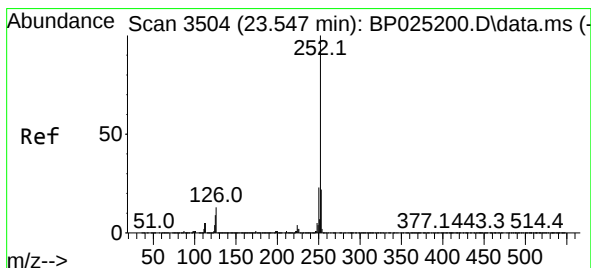
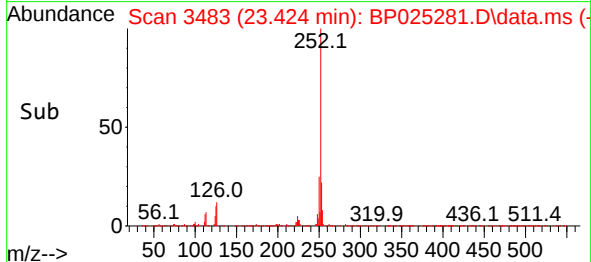
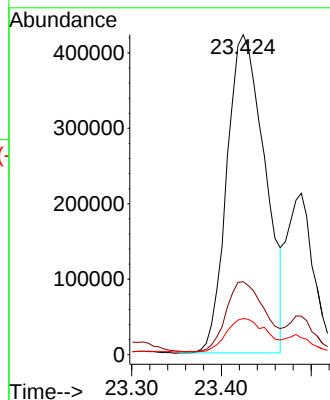
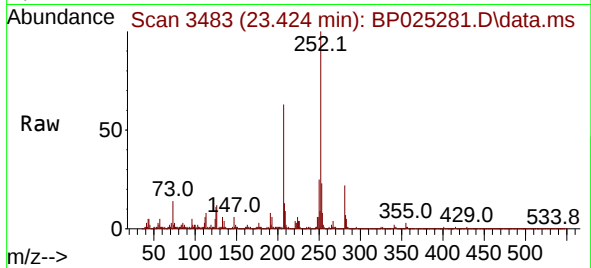




#88
Benzo(b)fluoranthene
Concen: 8.770 ng
RT: 23.424 min Scan# 3491
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

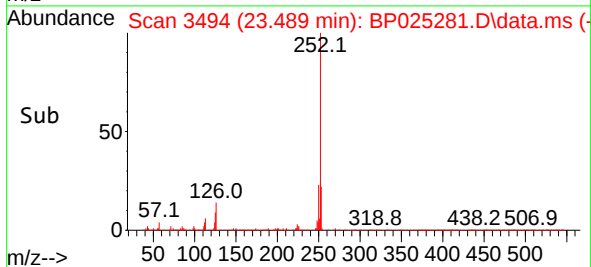
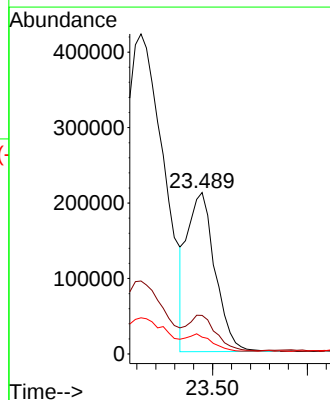
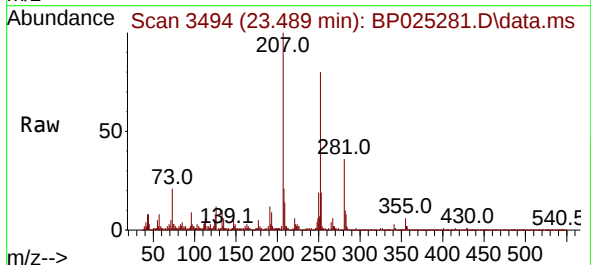
Instrument :
BNA_P
ClientSampleId :
WBR-PBO

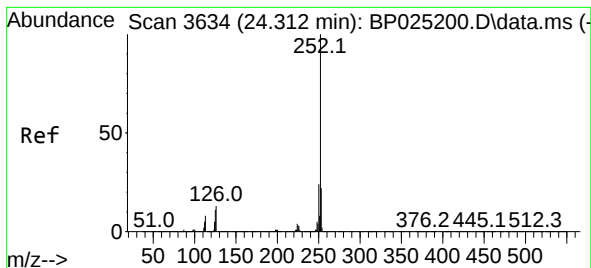
Tgt Ion:252 Resp: 1245275
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.3 7.8 11.8



#89
Benzo(k)fluoranthene
Concen: 3.064 ng
RT: 23.489 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BP025281.D
Acq: 31 Jul 2025 15:30

Tgt Ion:252 Resp: 429454
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 10.4 7.5 11.3





#90

Benzo(a)pyrene

Concen: 5.417 ng

RT: 24.248 min Scan# 3

Delta R.T. -0.029 min

Lab File: BP025281.D

Acq: 31 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

WBR-PBO

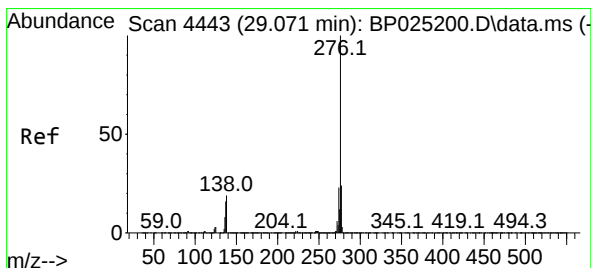
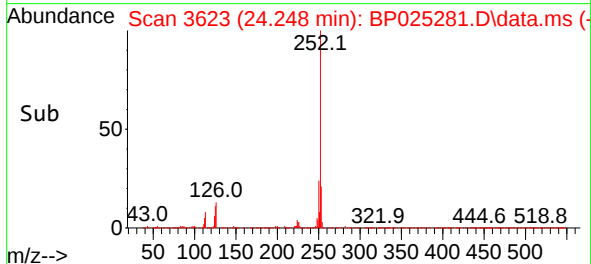
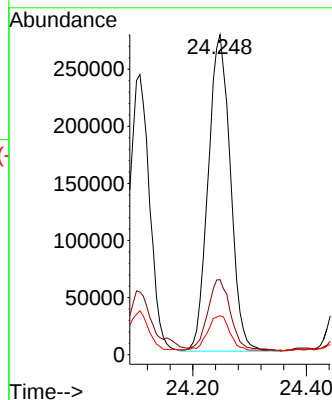
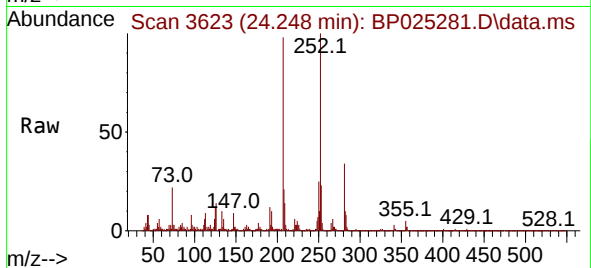
Tgt Ion:252 Resp: 750514

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

125 12.2 8.6 12.8



#92

Benzo(g,h,i)perylene

Concen: 3.575 ng

RT: 28.965 min Scan# 4425

Delta R.T. -0.029 min

Lab File: BP025281.D

Acq: 31 Jul 2025 15:30

Tgt Ion:276 Resp: 519568

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 21.7 15.4 23.2

