

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
 Data File : BP025877.D
 Acq On : 29 Sep 2025 12:20
 Operator : CG/JU
 Sample : Q3183-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-3

Quant Time: Sep 29 12:44:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

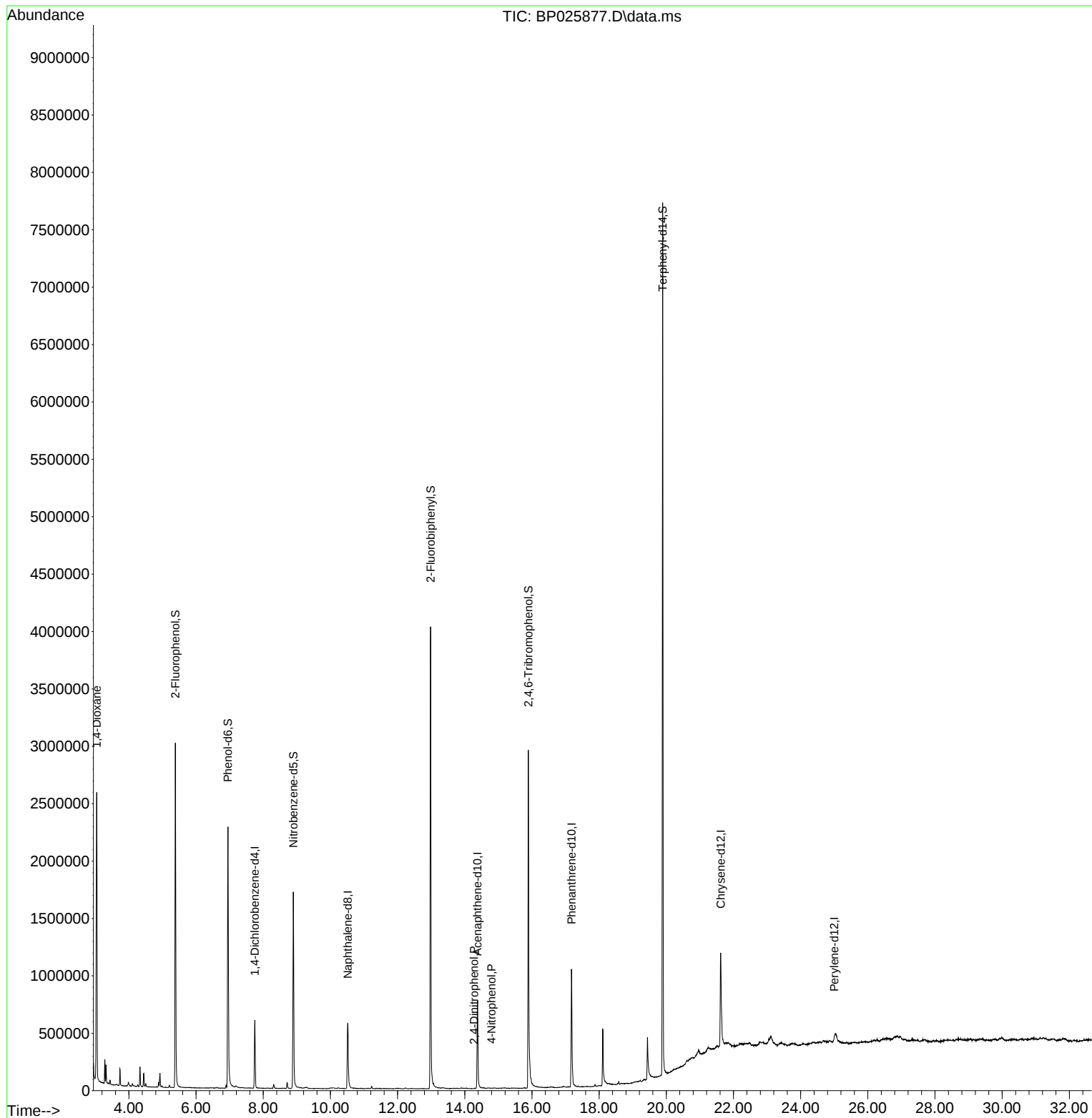
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	178081	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	646899	20.000	ng	-0.01
39) Acenaphthene-d10	14.378	164	315789	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	771552	20.000	ng	0.00
76) Chrysene-d12	21.618	240	568625	20.000	ng	-0.02
86) Perylene-d12	25.001	264	30779	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1389201	125.872	ng	0.00
7) Phenol-d6	6.949	99	1520455	103.646	ng	0.00
23) Nitrobenzene-d5	8.896	82	1064170	72.564	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	733541	186.233	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2391929	100.854	ng	0.00
79) Terphenyl-d14	19.889	244	3916513	123.909	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.043	88	26241	5.665	ng	# 1
54) 2,4-Dinitrophenol	14.278	184	11	4.828	ng	96
56) 4-Nitrophenol	14.795	139	71	4.497	ng	88

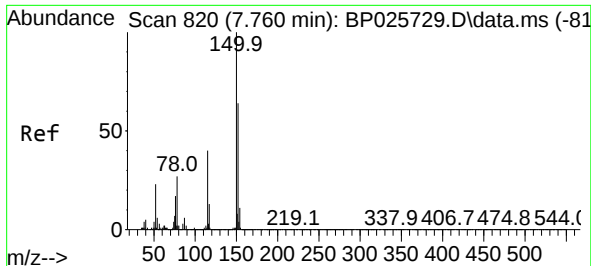
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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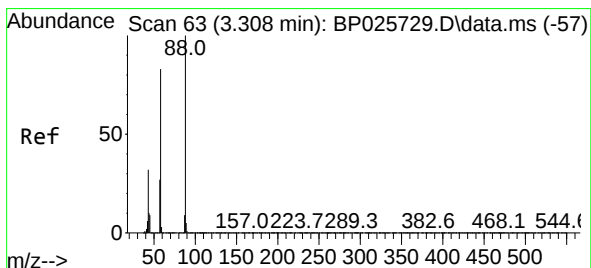
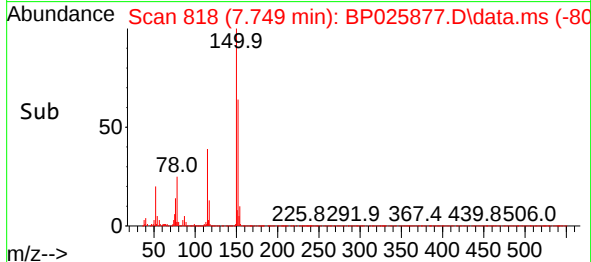
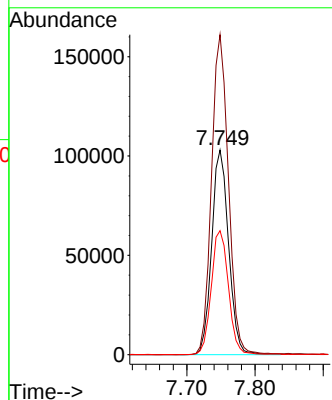
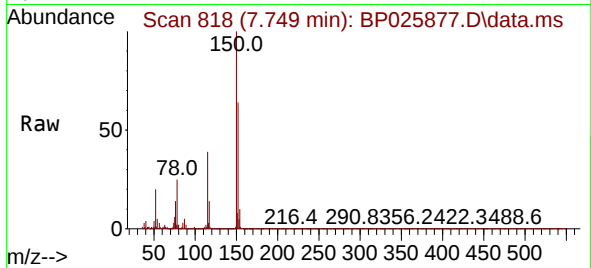




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025877.D
 Acq: 29 Sep 2025 12:20

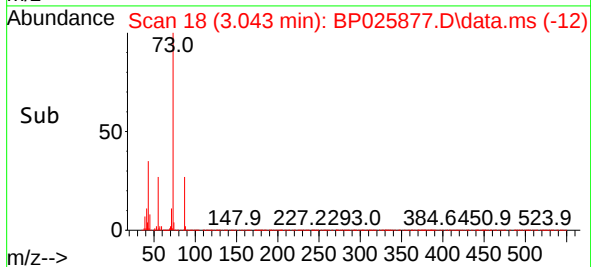
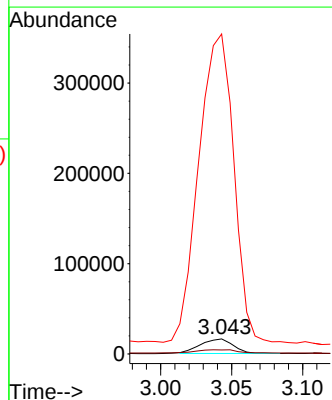
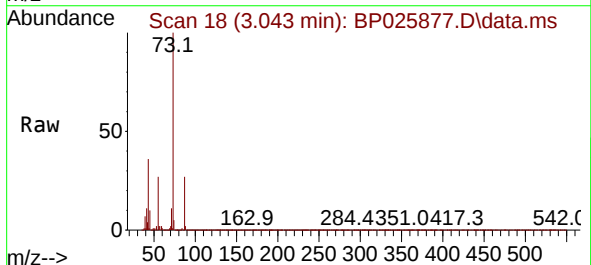
Instrument :
 BNA_P
 ClientSampleId :
 WC-3

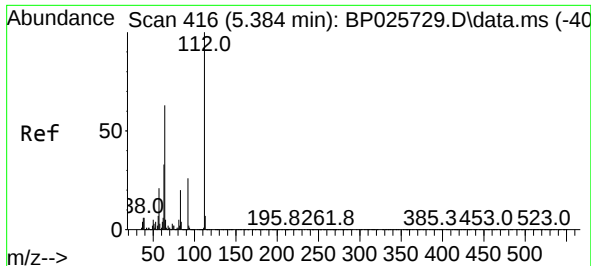
Tgt Ion:152 Resp: 178081
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.3 186.5
 115 60.6 50.3 75.5



#2
 1,4-Dioxane
 Concen: 5.665 ng
 RT: 3.043 min Scan# 18
 Delta R.T. -0.265 min
 Lab File: BP025877.D
 Acq: 29 Sep 2025 12:20

Tgt Ion: 88 Resp: 26241
 Ion Ratio Lower Upper
 88 100
 58 26.4 65.5 98.3#
 43 2303.5 25.2 37.8#

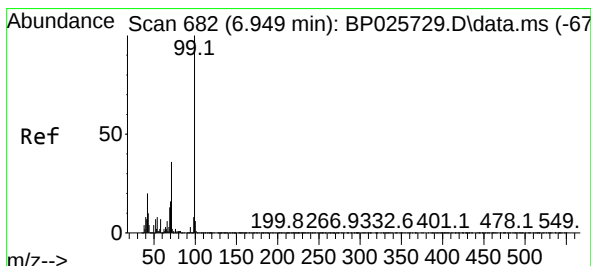
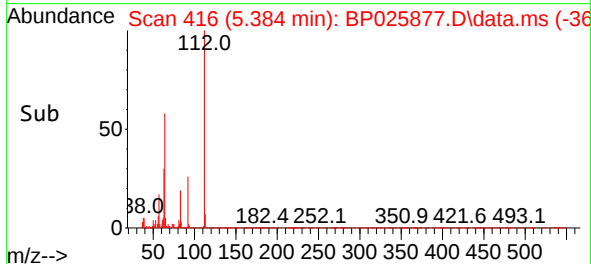
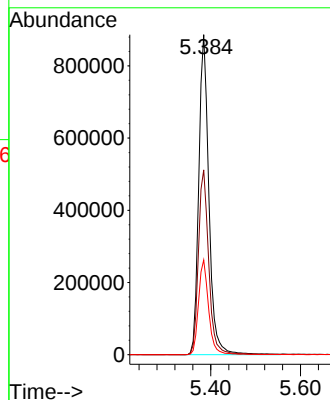
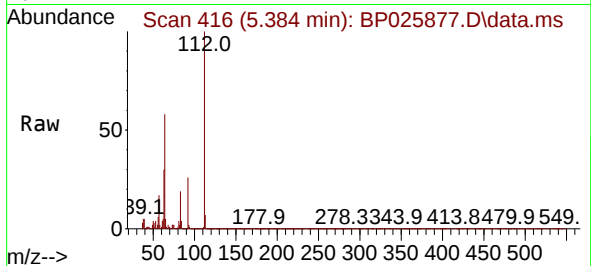




#5
2-Fluorophenol
Concen: 125.872 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

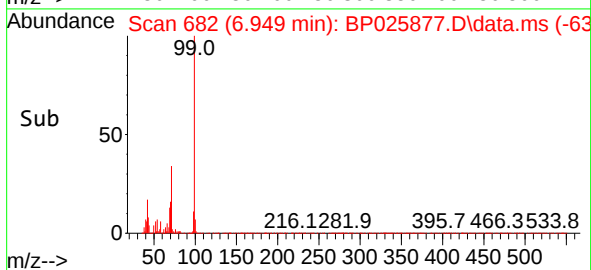
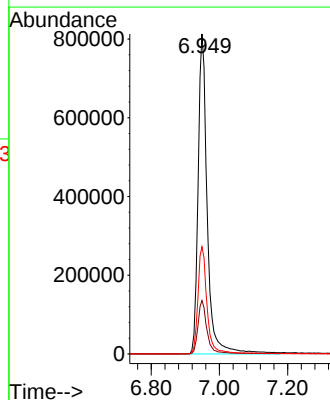
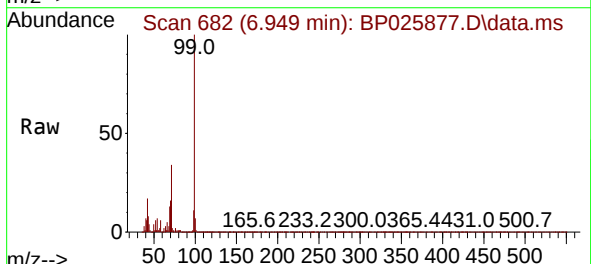
Instrument :
BNA_P
ClientSampleId :
WC-3

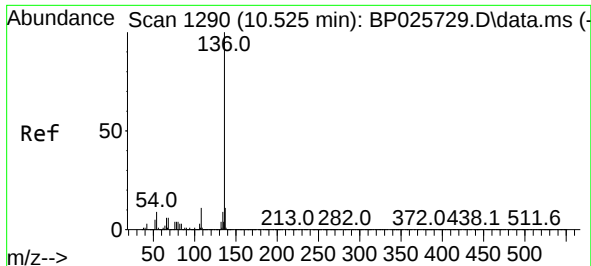
Tgt Ion:112 Resp: 1389201
Ion Ratio Lower Upper
112 100
64 57.8 50.2 75.4
63 29.6 26.7 40.1



#7
Phenol-d6
Concen: 103.646 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

Tgt Ion: 99 Resp: 1520455
Ion Ratio Lower Upper
99 100
42 16.7 15.6 23.4
71 33.5 28.6 43.0

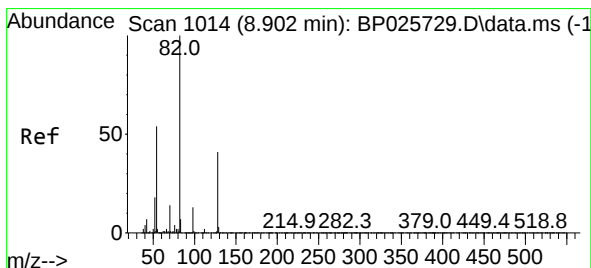
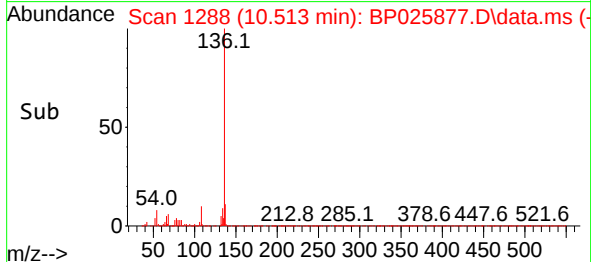
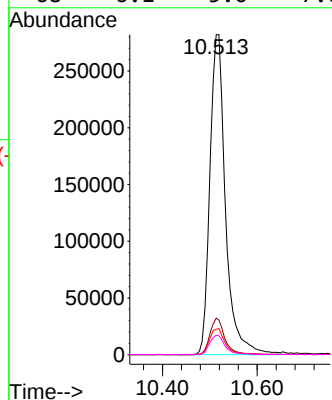
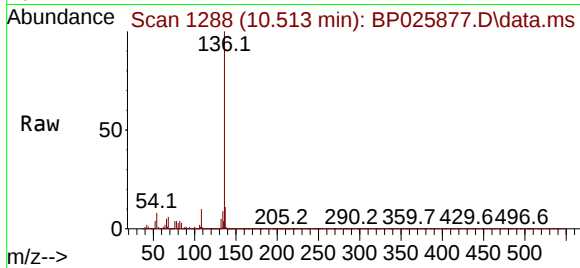




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

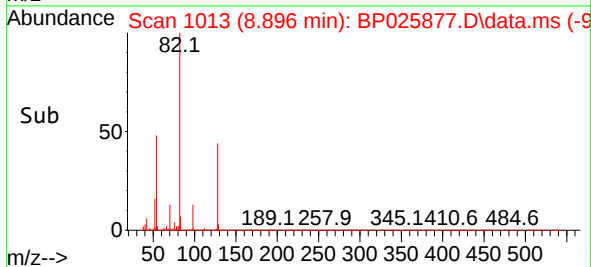
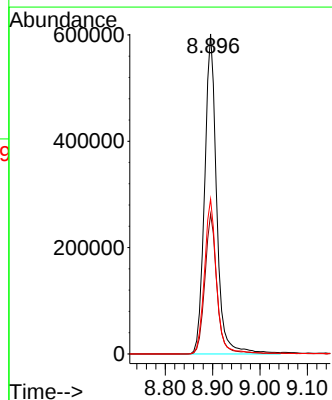
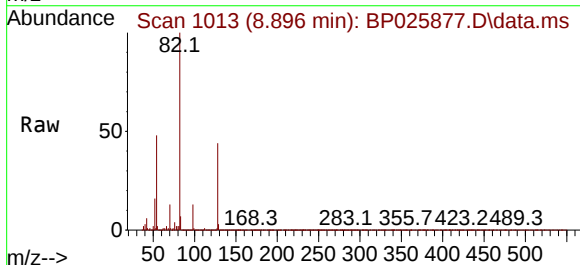
Instrument :
BNA_P
ClientSampleId :
WC-3

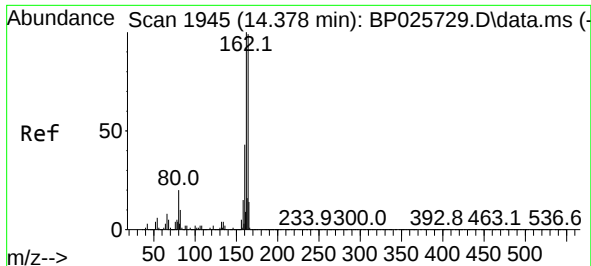
Tgt Ion:	136	Resp:	646899
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	7.9	7.5	11.3
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 72.564 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

Tgt Ion:	82	Resp:	1064170
Ion Ratio	Lower	Upper	
82	100		
128	43.7	32.9	49.3
54	48.4	43.4	65.2

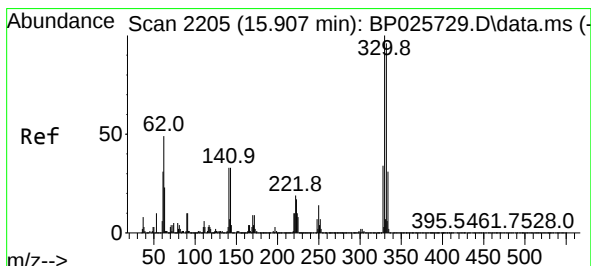
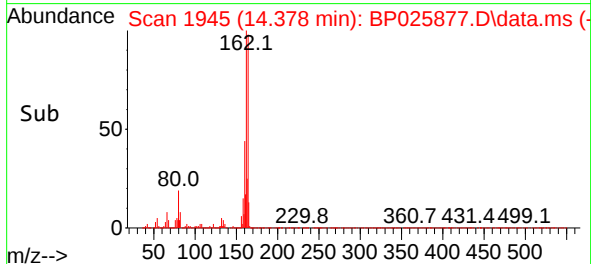
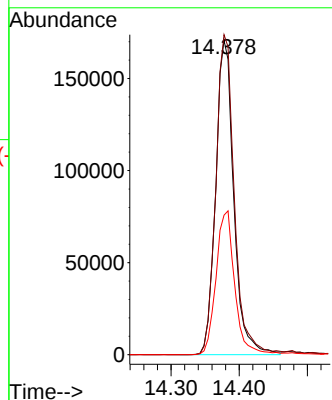
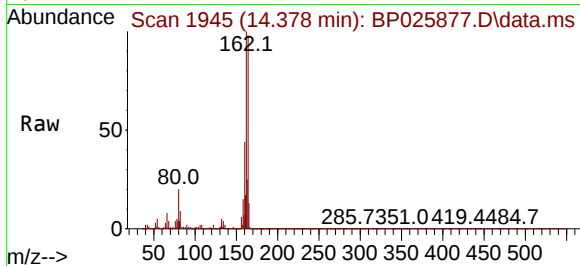




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

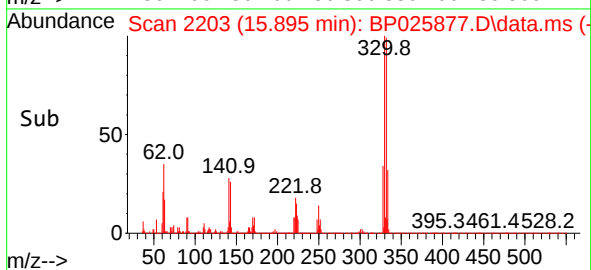
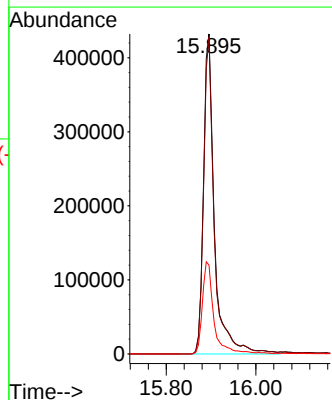
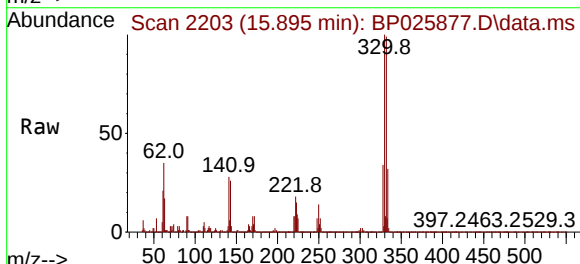
Instrument :
BNA_P
ClientSampleId :
WC-3

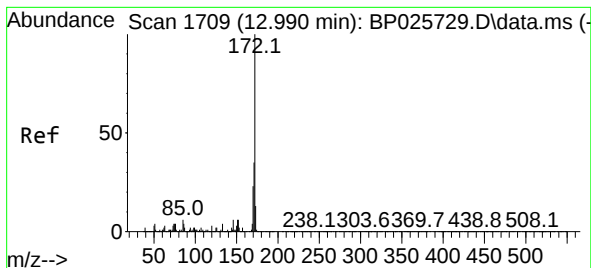
Tgt Ion:164 Resp: 315789
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 44.4 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 186.233 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

Tgt Ion:330 Resp: 733541
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 30.0 31.0 46.4#





#45

2-Fluorobiphenyl

Concen: 100.854 ng

RT: 12.984 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025877.D

Acq: 29 Sep 2025 12:20

Instrument :

BNA_P

ClientSampleId :

WC-3

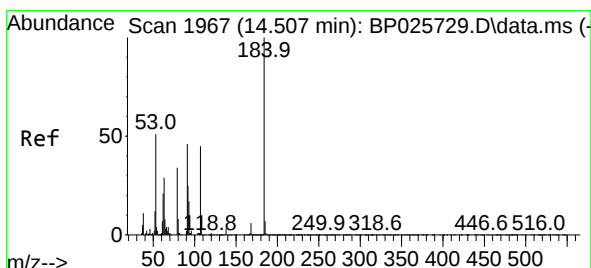
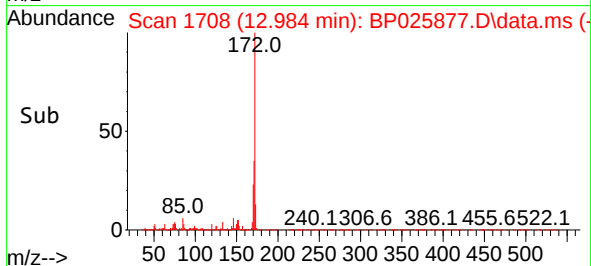
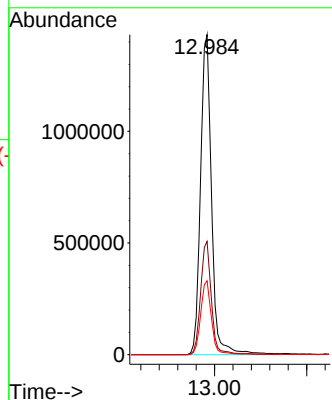
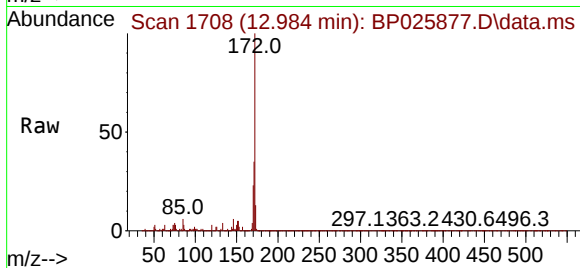
Tgt Ion:172 Resp: 2391929

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 23.1 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.828 ng

RT: 14.278 min Scan# 1928

Delta R.T. -0.229 min

Lab File: BP025877.D

Acq: 29 Sep 2025 12:20

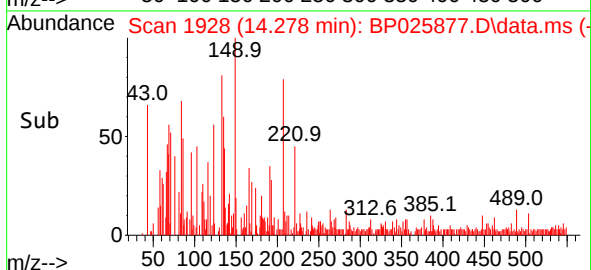
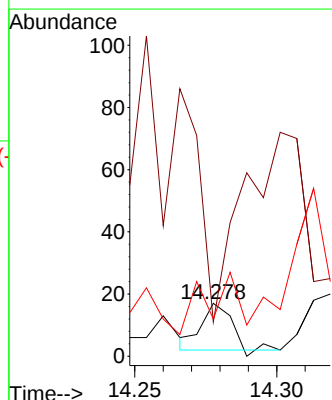
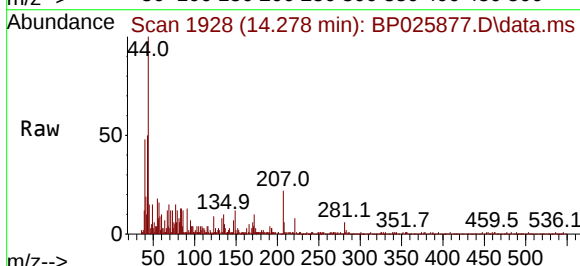
Tgt Ion:184 Resp: 11

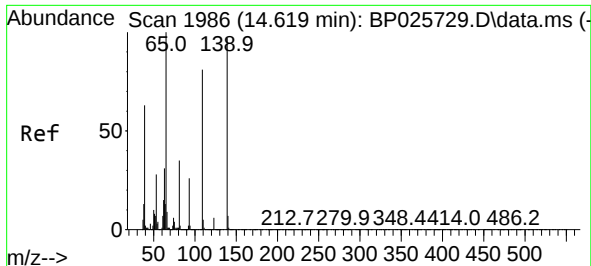
Ion Ratio Lower Upper

184 100

63 64.7 52.5 78.7

154 70.6 51.5 77.3

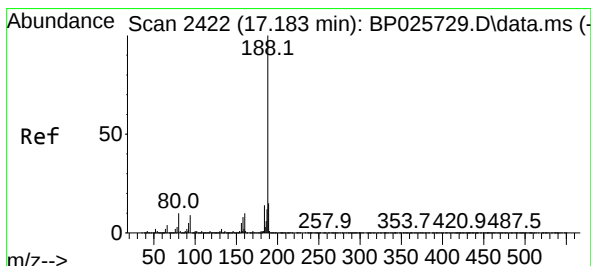
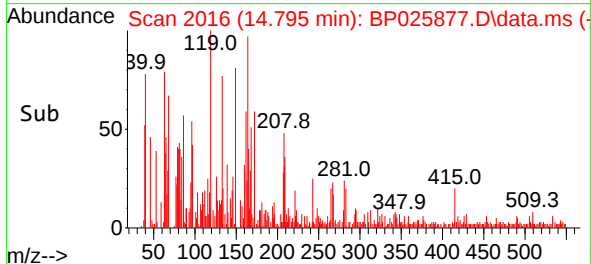
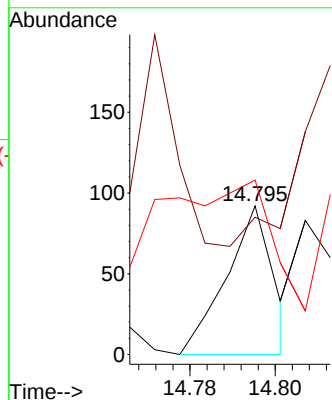
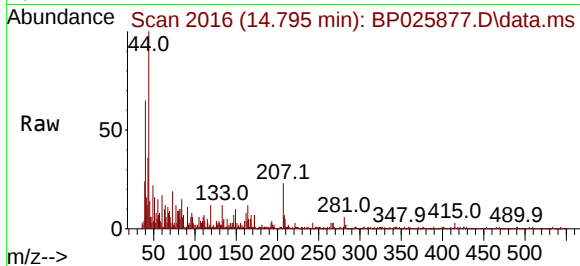




#56
4-Nitrophenol
Concen: 4.497 ng
RT: 14.795 min Scan# 2016
Delta R.T. 0.176 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

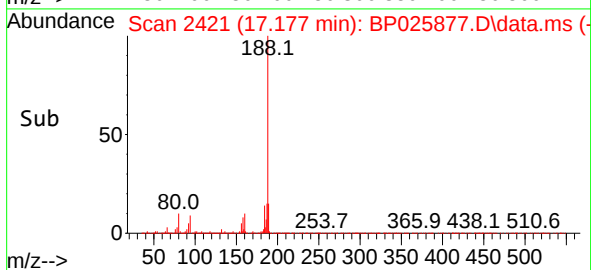
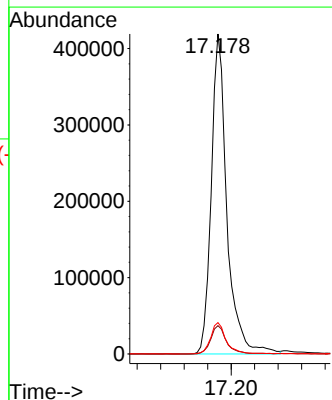
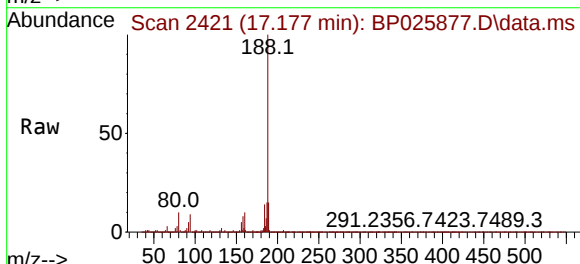
Instrument :
BNA_P
ClientSampleId :
WC-3

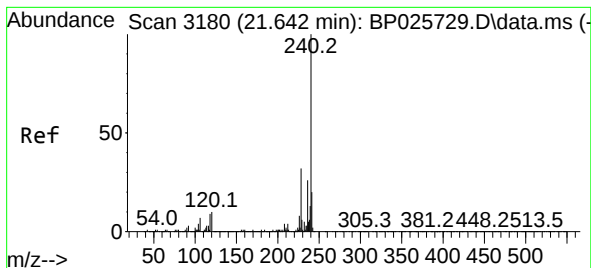
Tgt Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 92.4 62.9 102.9
65 117.4 83.4 123.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

Tgt Ion:188 Resp: 771552
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.8 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025877.D

Acq: 29 Sep 2025 12:20

Instrument :

BNA_P

ClientSampleId :

WC-3

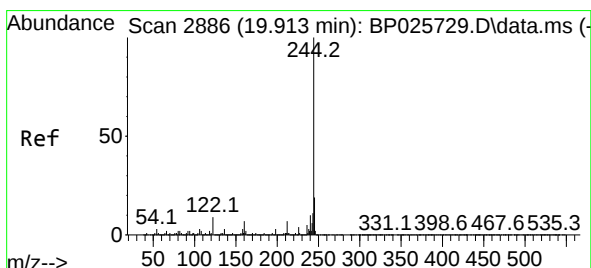
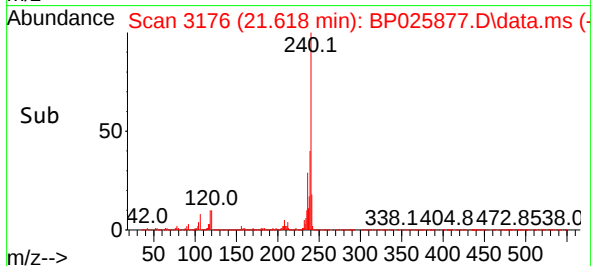
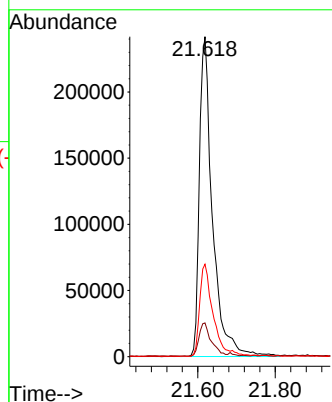
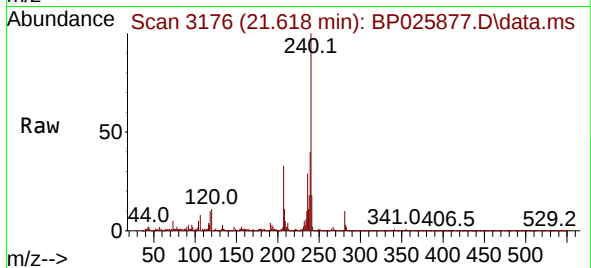
Tgt Ion:240 Resp: 568625

Ion Ratio Lower Upper

240 100

120 10.6 8.0 12.0

236 28.9 20.7 31.1



#79

Terphenyl-d14

Concen: 123.909 ng

RT: 19.889 min Scan# 2882

Delta R.T. -0.024 min

Lab File: BP025877.D

Acq: 29 Sep 2025 12:20

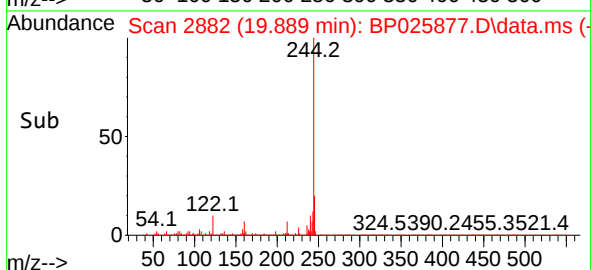
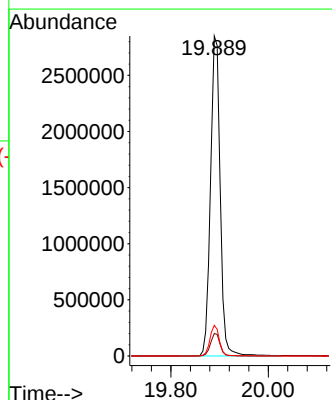
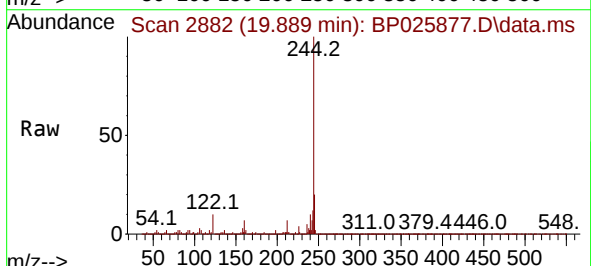
Tgt Ion:244 Resp: 3916513

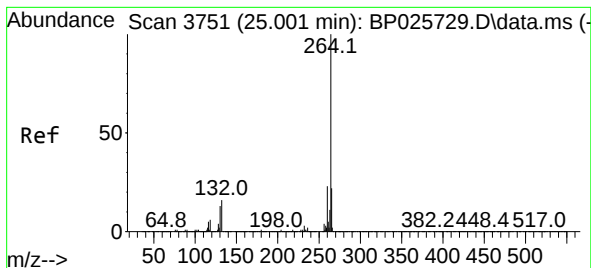
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.6 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025877.D

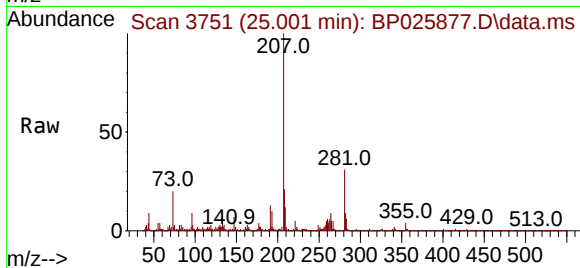
Acq: 29 Sep 2025 12:20

Instrument :

BNA_P

ClientSampleId :

WC-3



Tgt Ion:264 Resp: 30779

Ion Ratio Lower Upper

264 100

260 66.1 18.3 27.5#

265 51.0 17.3 25.9#

