

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

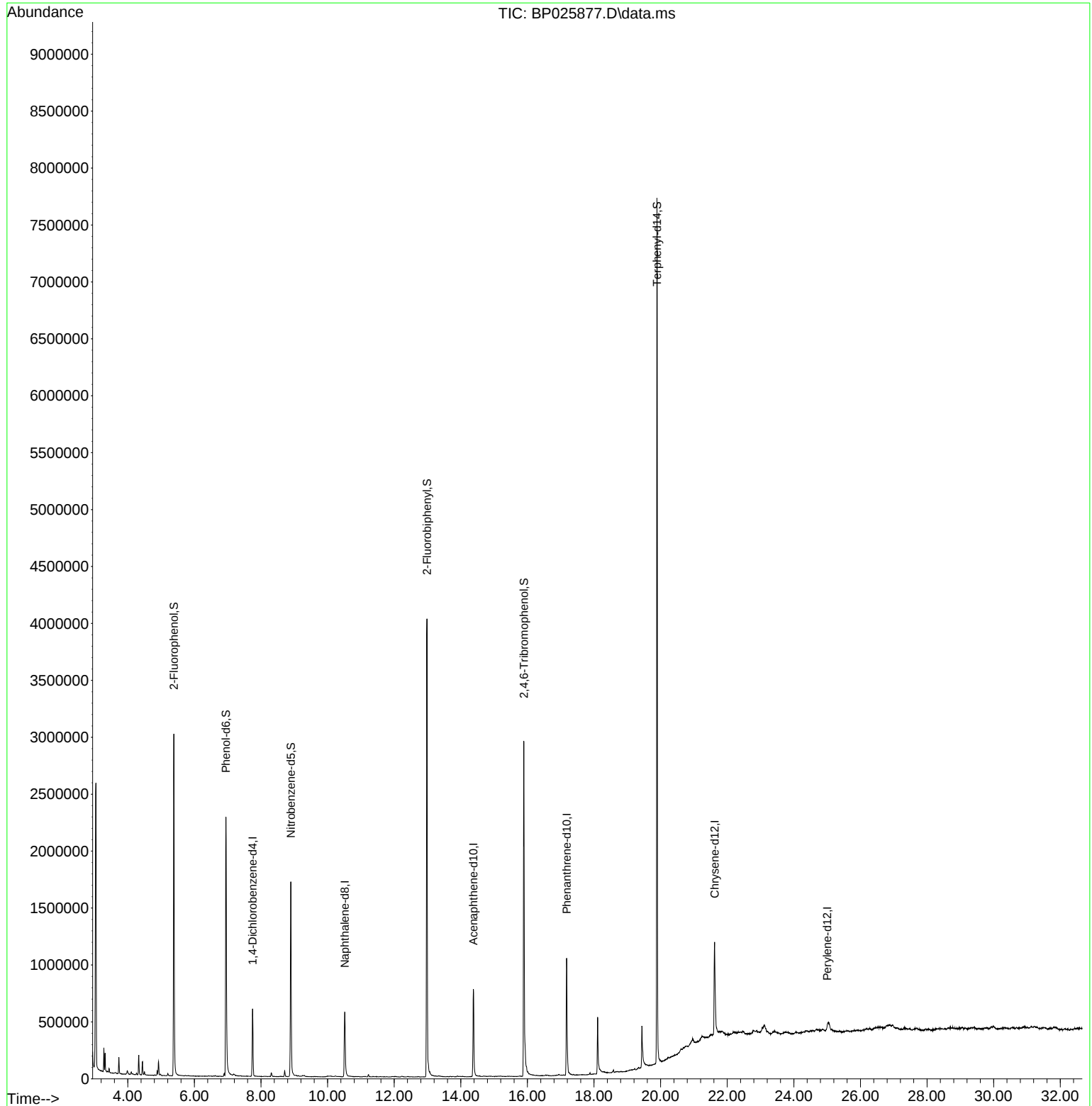
Target Compounds	Qvalue

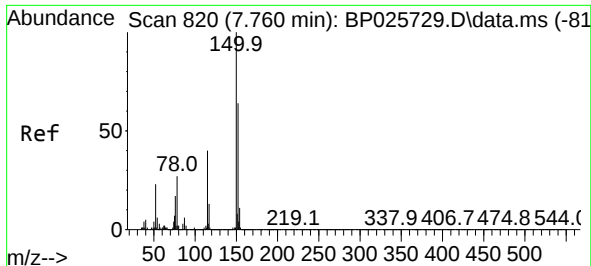
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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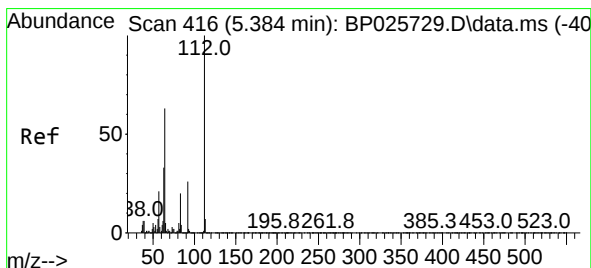
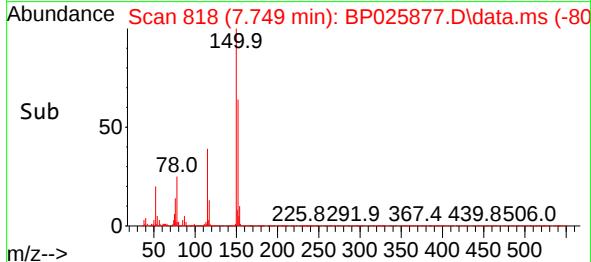
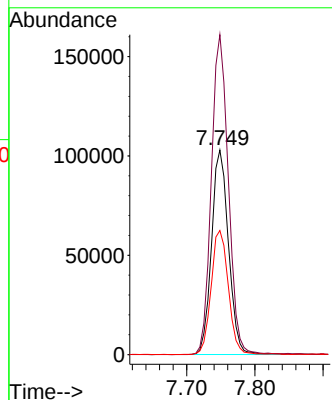
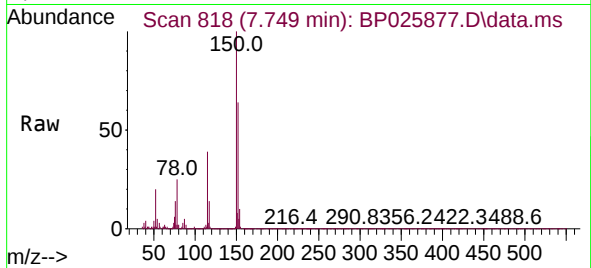




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025877.D
 Acq: 29 Sep 2025 12:20

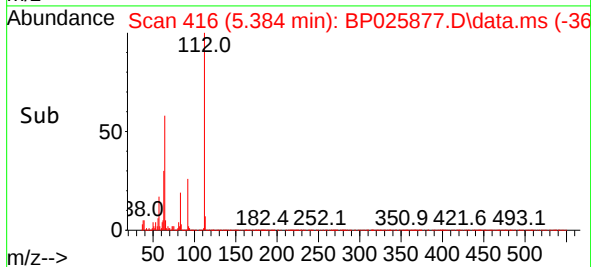
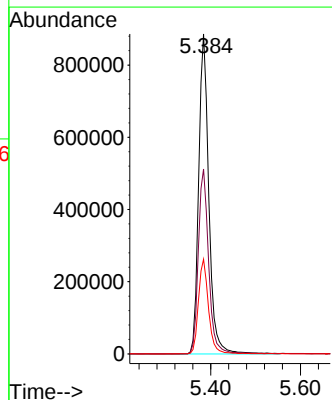
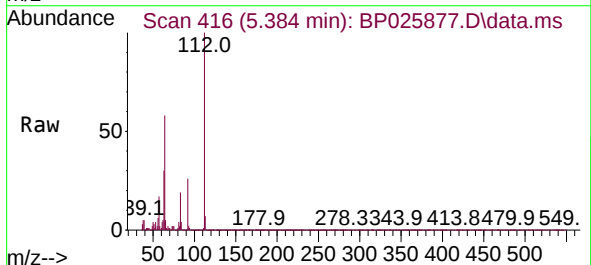
Instrument :
 BNA_P
 ClientSampleId :
 WC-3

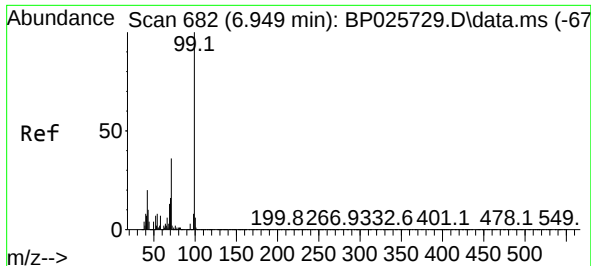
Tgt Ion:152 Resp: 178081
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.3 186.5
 115 60.6 50.3 75.5



#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

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



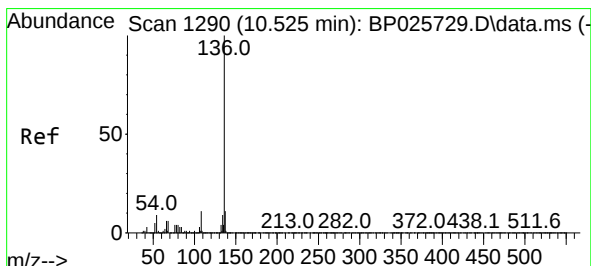
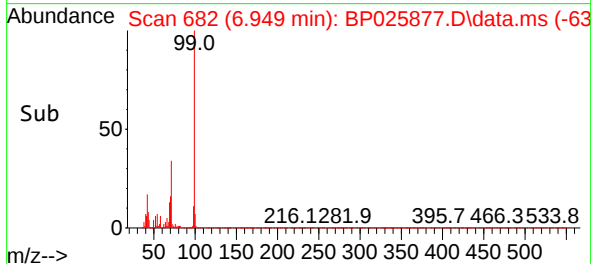
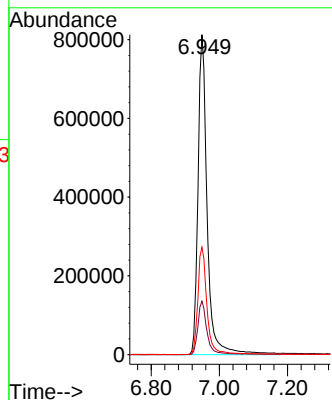
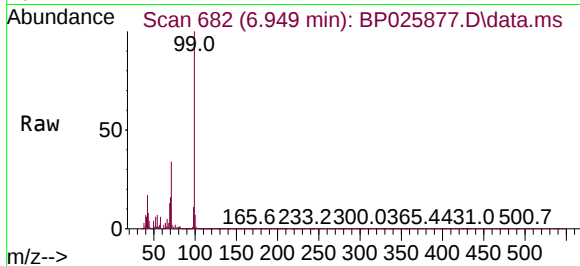


#7
Phenol-d6
Concen: 103.646 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 1520455

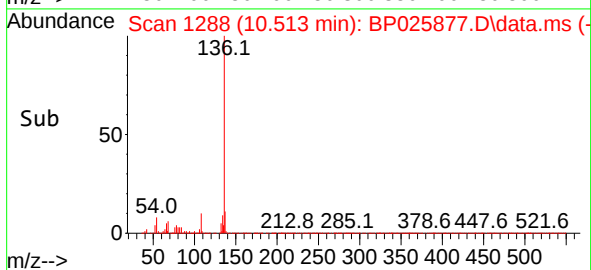
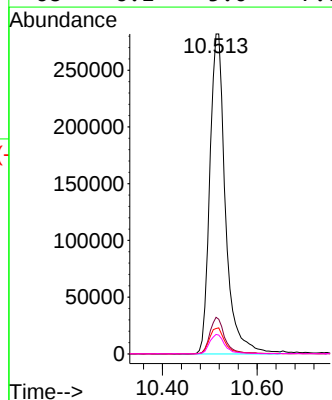
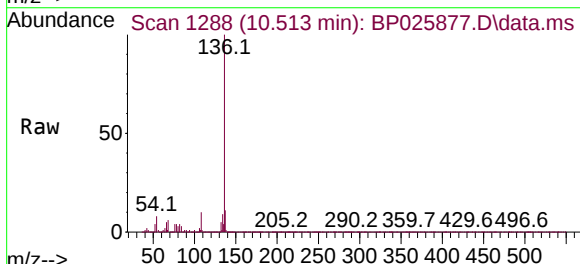
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.6	23.4
71	33.5	28.6	43.0

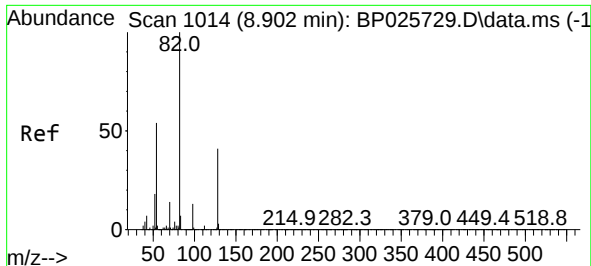


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

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

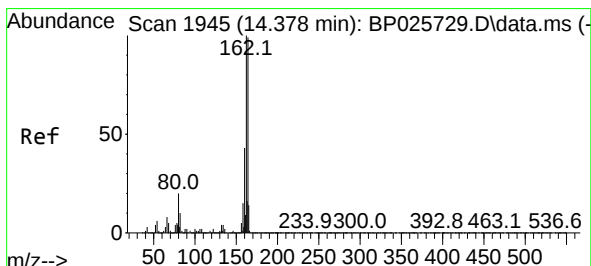
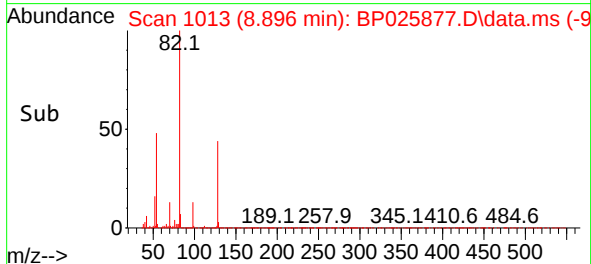
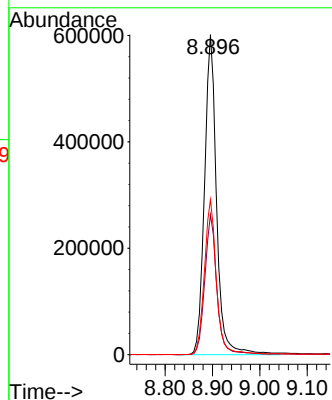
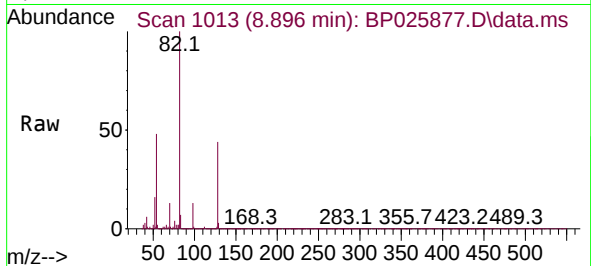




#23
Nitrobenzene-d5
Concen: 72.564 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

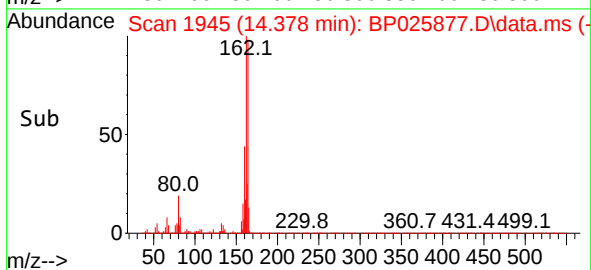
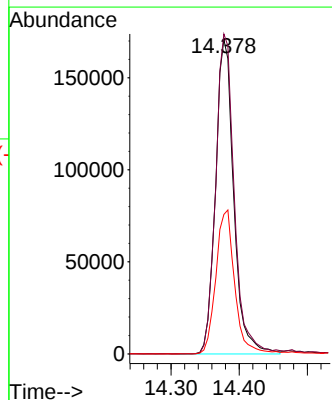
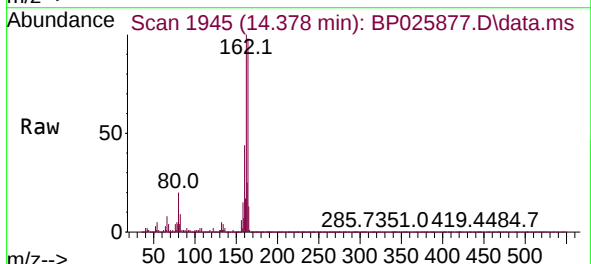
Instrument :
BNA_P
ClientSampleId :
WC-3

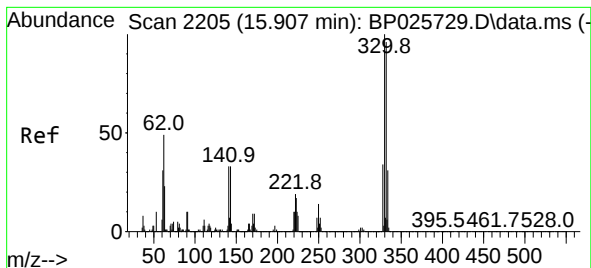
Tgt Ion: 82 Resp: 1064170
Ion Ratio Lower Upper
82 100
128 43.7 32.9 49.3
54 48.4 43.4 65.2



#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

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# 2205

Delta R.T. -0.012 min

Lab File: BP025877.D

Acq: 29 Sep 2025 12:20

Instrument :

BNA_P

ClientSampleId :

WC-3

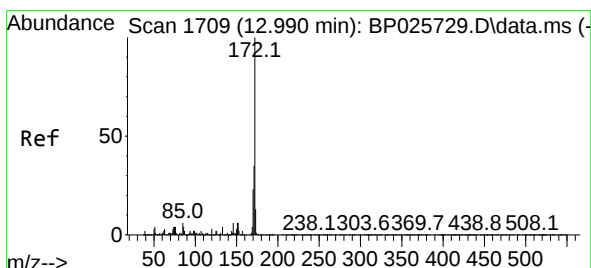
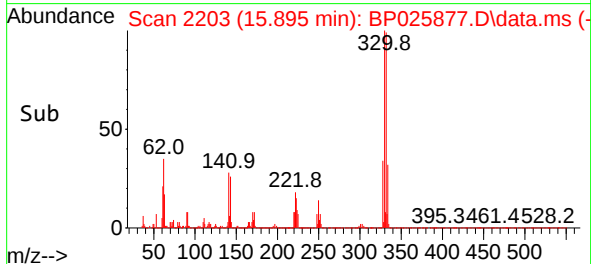
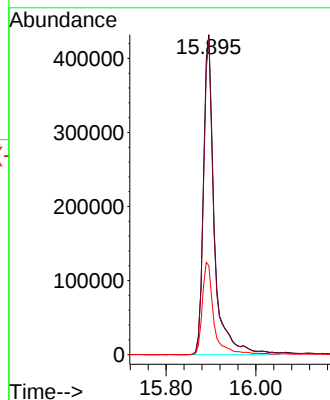
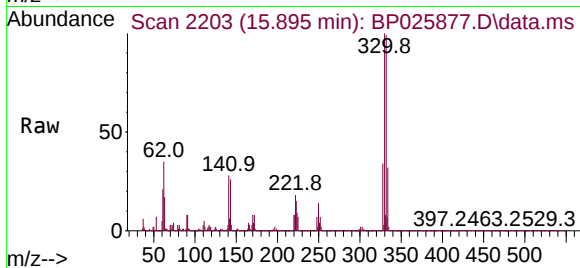
Tgt Ion:330 Resp: 733541

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# 1708

Delta R.T. -0.006 min

Lab File: BP025877.D

Acq: 29 Sep 2025 12:20

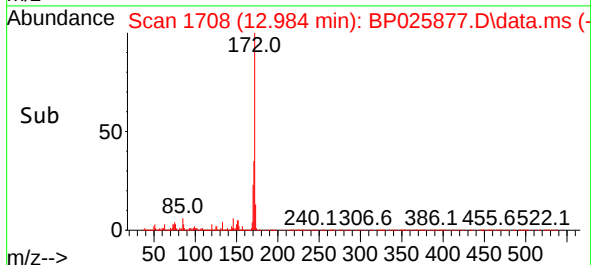
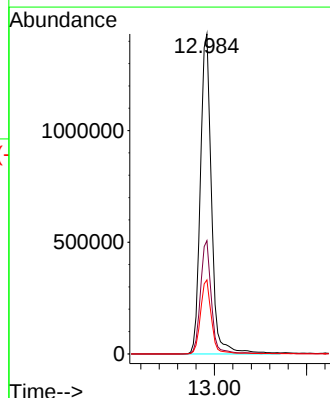
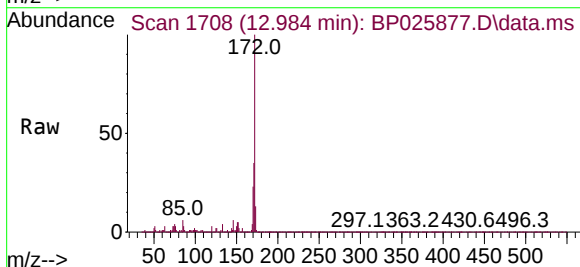
Tgt Ion:172 Resp: 2391929

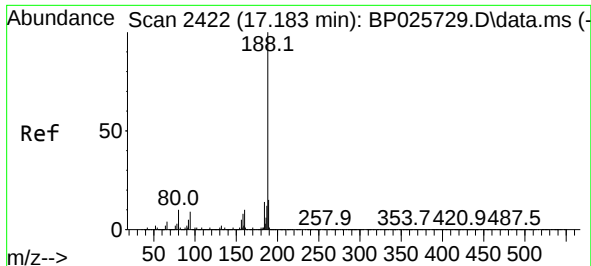
Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 23.1 18.6 27.8

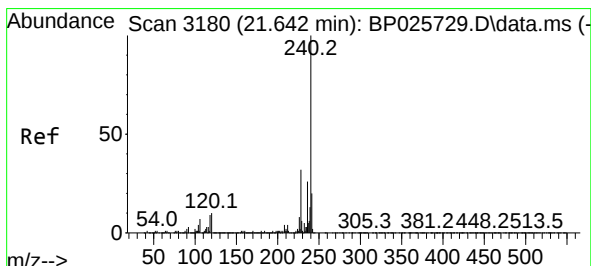
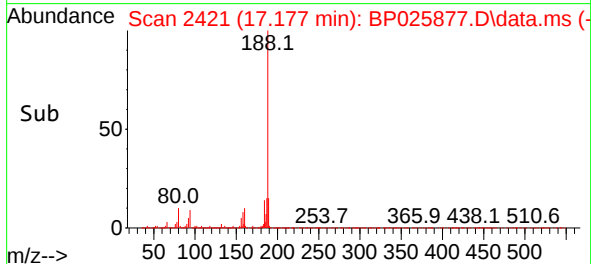
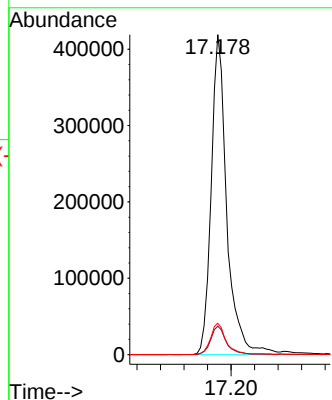
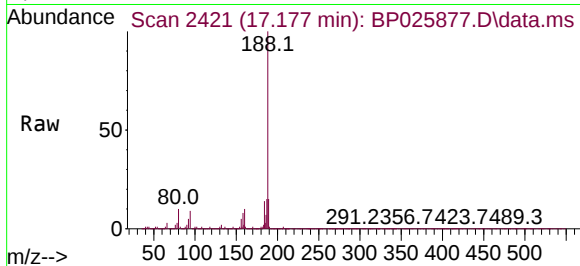




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

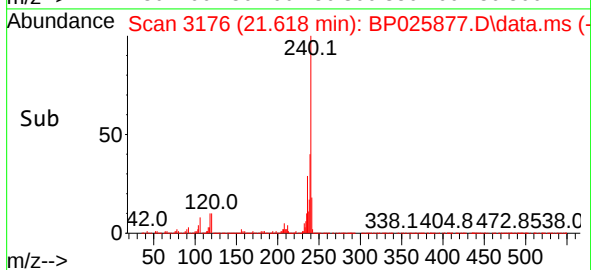
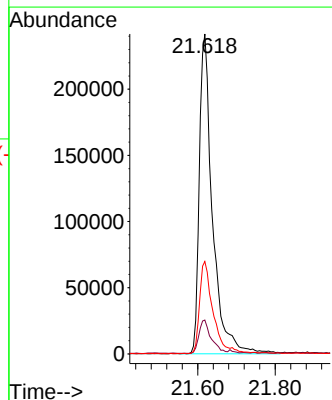
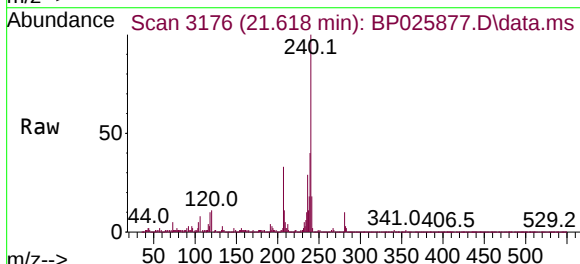
Instrument :
BNA_P
ClientSampleId :
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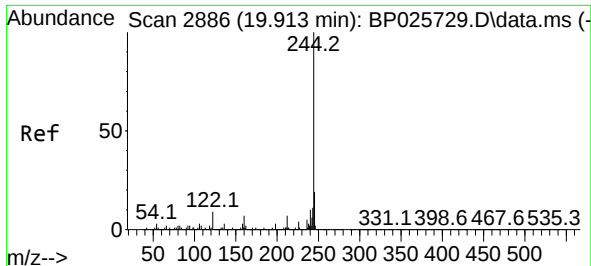
Tgt Ion:188 Resp: 771552
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 3176
Delta R.T. -0.024 min
Lab File: BP025877.D
Acq: 29 Sep 2025 12:20

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

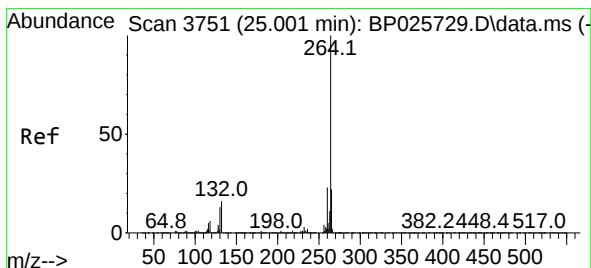
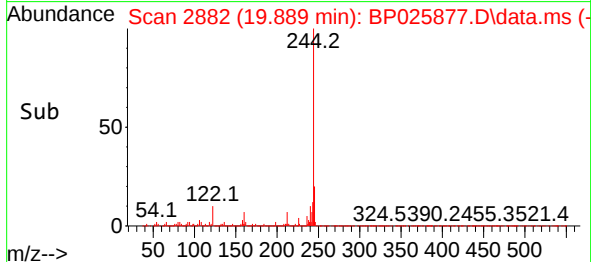
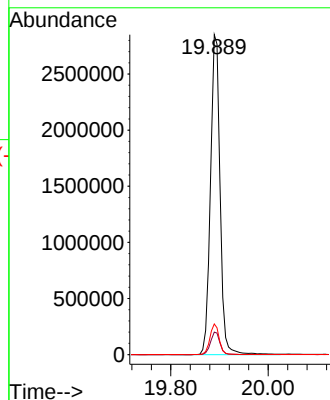
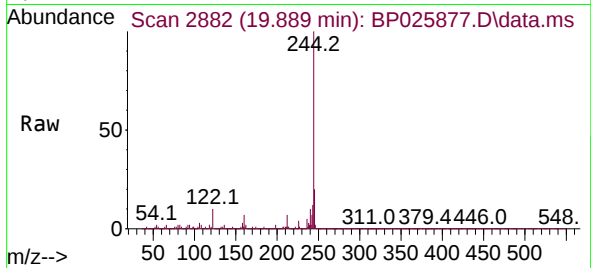




#79
 Terphenyl-d14
 Concen: 123.909 ng
 RT: 19.889 min Scan# 2882
 Delta R.T. -0.024 min
 Lab File: BP025877.D
 Acq: 29 Sep 2025 12:20

Instrument :
 BNA_P
 ClientSampleId :
 WC-3

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# 3751
 Delta R.T. -0.000 min
 Lab File: BP025877.D
 Acq: 29 Sep 2025 12:20

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#

