

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025861.D
 Acq On : 25 Sep 2025 16:06
 Operator : CG/JU
 Sample : PB169834BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169834BL

Quant Time: Sep 25 16:27:09 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)

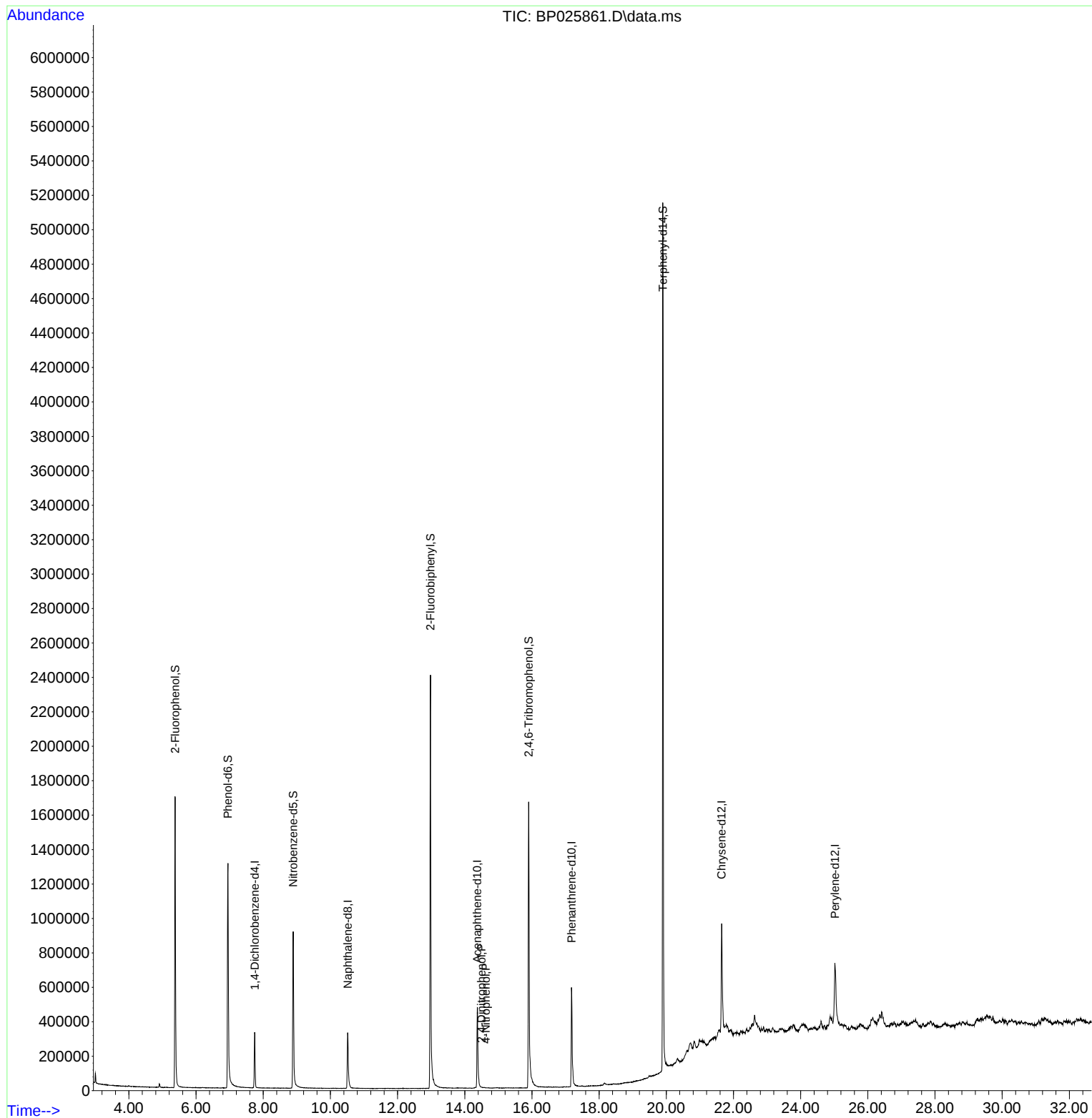
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	97030	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	358807	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	235182	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	484515	20.000	ng	0.00
76) Chrysene-d12	21.648	240	551072	20.000	ng	0.00
86) Perylene-d12	25.019	264	611623	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	861638	143.285	ng	0.00
7) Phenol-d6	6.949	99	1032431	129.167	ng	0.00
23) Nitrobenzene-d5	8.890	82	658999	81.016	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	458382	156.262	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	1553363	87.945	ng	-0.01
79) Terphenyl-d14	19.895	244	2748804	89.735	ng	-0.02
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.501	184	19	4.832	ng	# 21
56) 4-Nitrophenol	14.625	139	8	4.484	ng	# 1

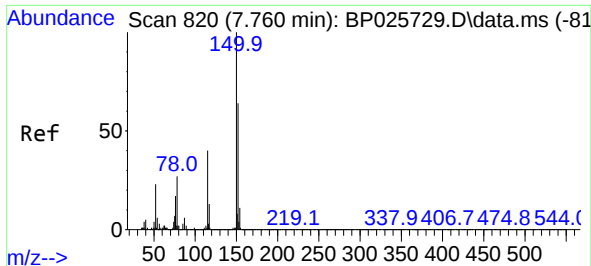
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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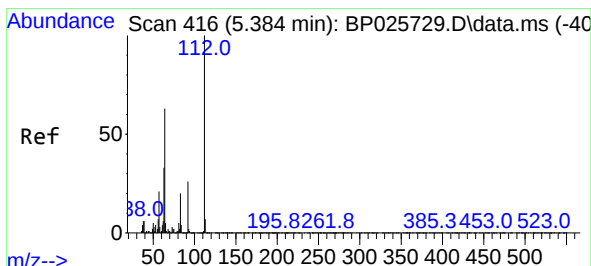
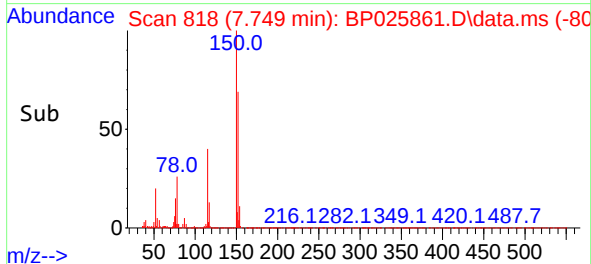
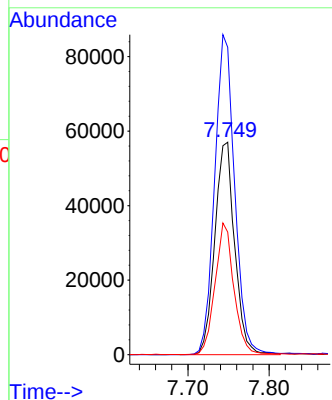
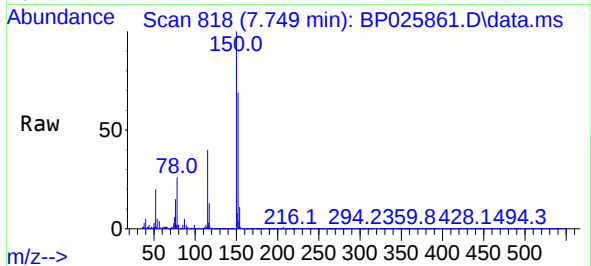




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

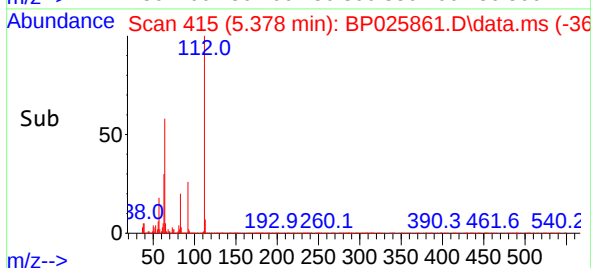
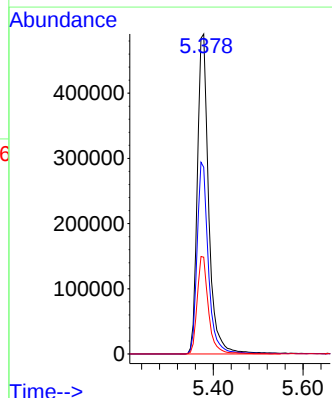
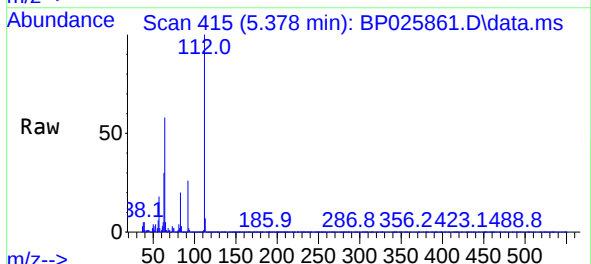
Instrument :
BNA_P
ClientSampleId :
PB169834BL

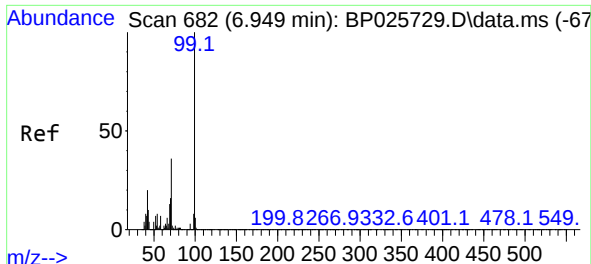
Tgt Ion:152 Resp: 97030
Ion Ratio Lower Upper
152 100
150 144.7 124.3 186.5
115 57.7 50.3 75.5



#5
2-Fluorophenol
Concen: 143.285 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

Tgt Ion:112 Resp: 861638
Ion Ratio Lower Upper
112 100
64 58.4 50.2 75.4
63 30.3 26.7 40.1

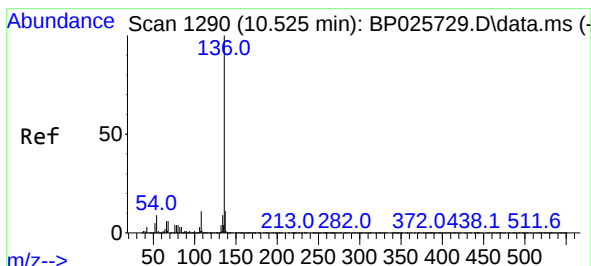
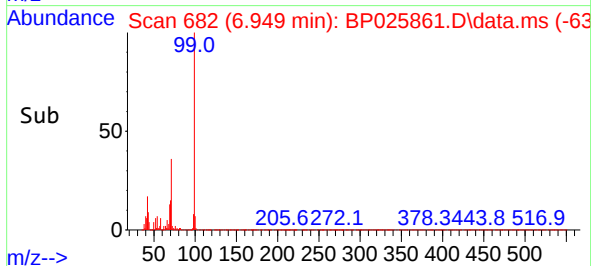
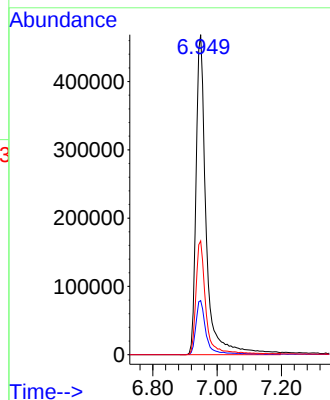
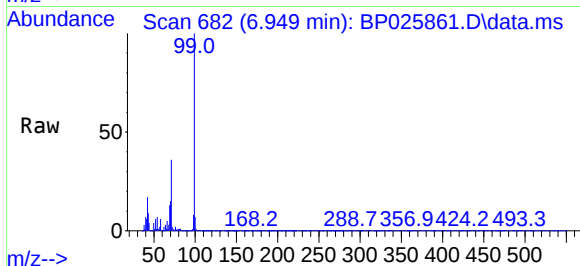




#7
Phenol-d6
Concen: 129.167 ng
RT: 6.949 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

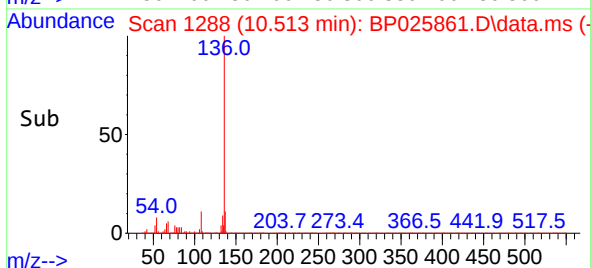
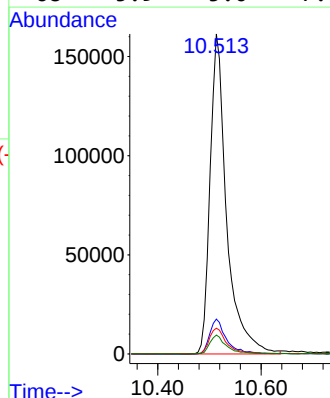
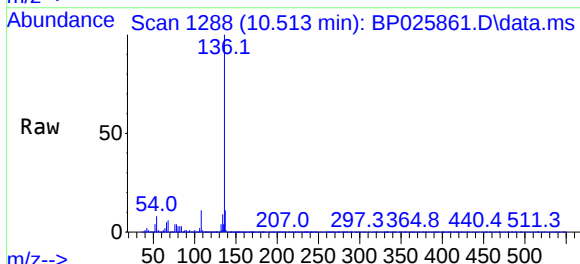
Instrument :
BNA_P
ClientSampleId :
PB169834BL

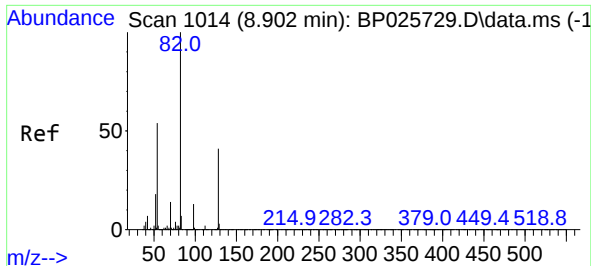
Tgt Ion: 99 Resp: 1032431
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 35.6 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

Tgt Ion:136 Resp: 358807
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.1 7.5 11.3
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 81.016 ng

RT: 8.890 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BP025861.D

Acq: 25 Sep 2025 16:06

Instrument :

BNA_P

ClientSampleId :

PB169834BL

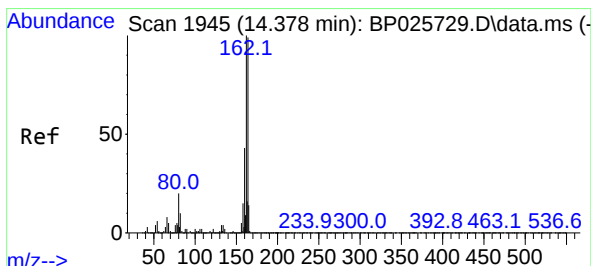
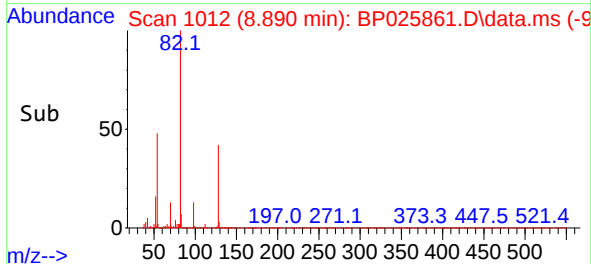
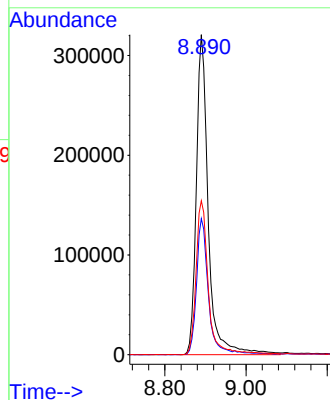
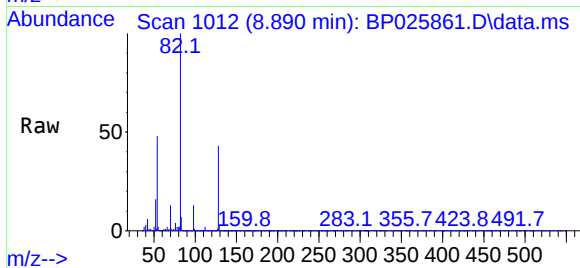
Tgt Ion: 82 Resp: 658999

Ion Ratio Lower Upper

82 100

128 42.5 32.9 49.3

54 48.1 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP025861.D

Acq: 25 Sep 2025 16:06

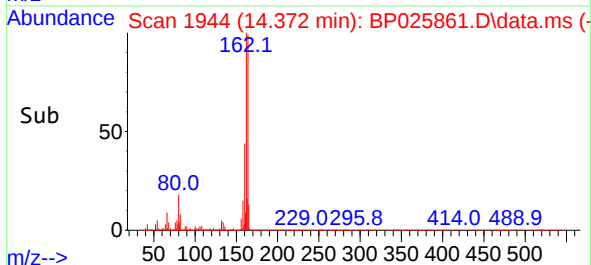
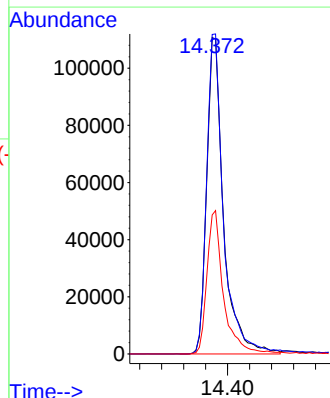
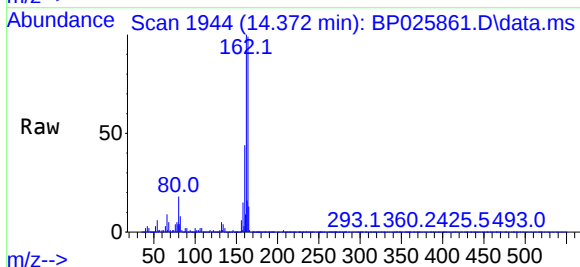
Tgt Ion:164 Resp: 235182

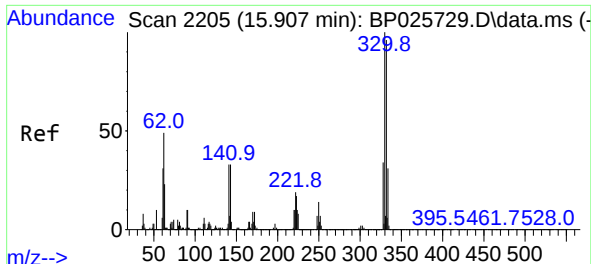
Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

160 43.9 35.0 52.6

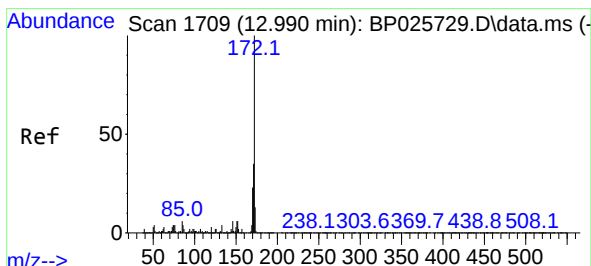
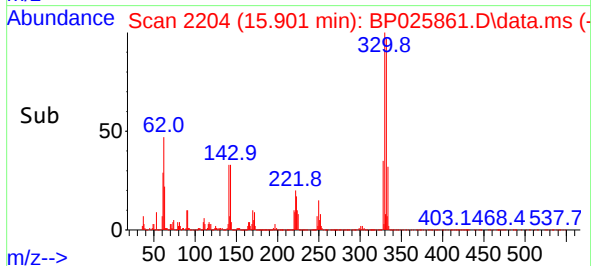
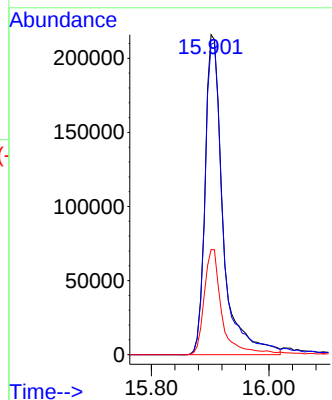
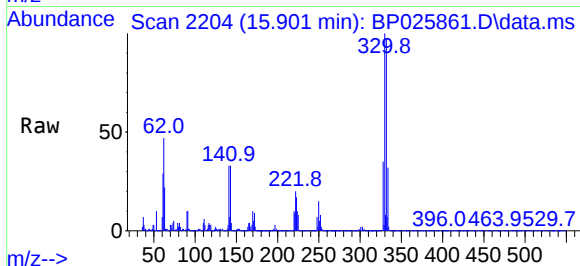




#42
2,4,6-Tribromophenol
Concen: 156.262 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

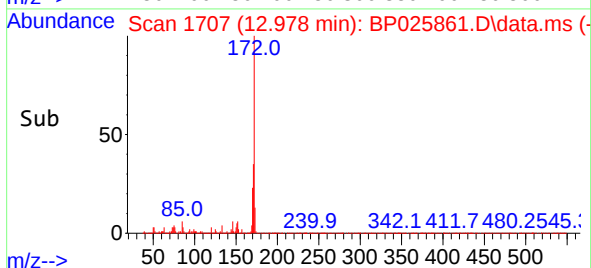
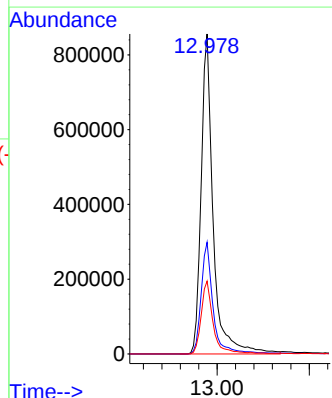
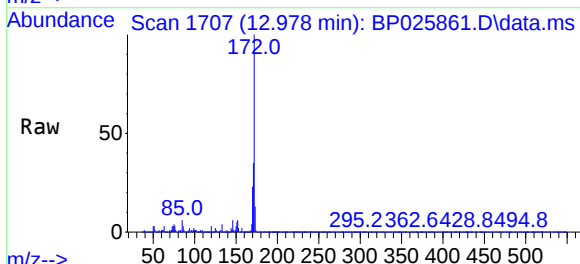
Instrument :
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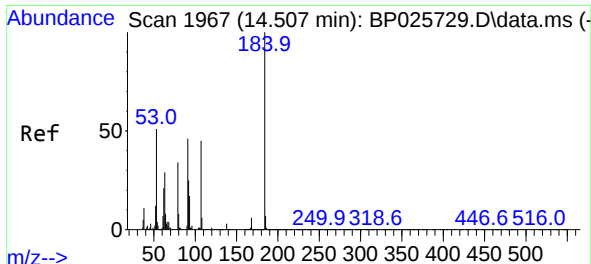
Tgt Ion:330 Resp: 458382
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 33.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 87.945 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

Tgt Ion:172 Resp: 1553363
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 22.8 18.6 27.8

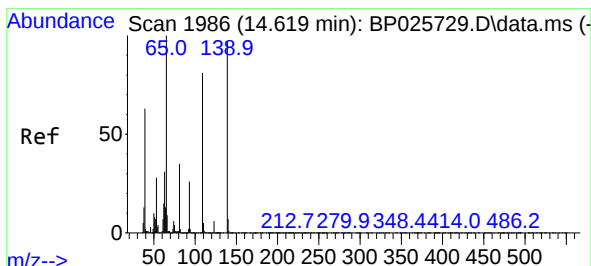
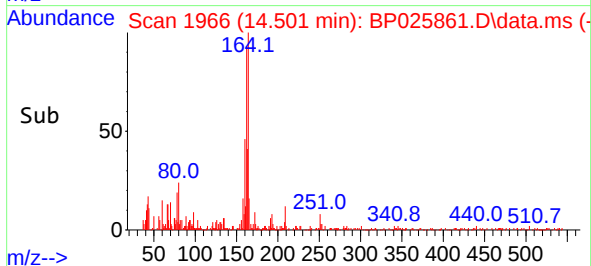
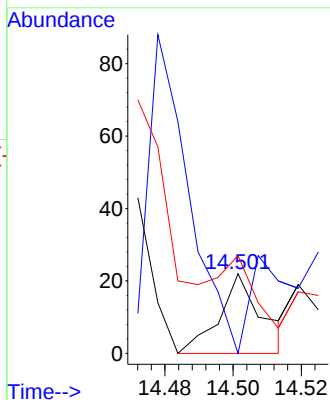
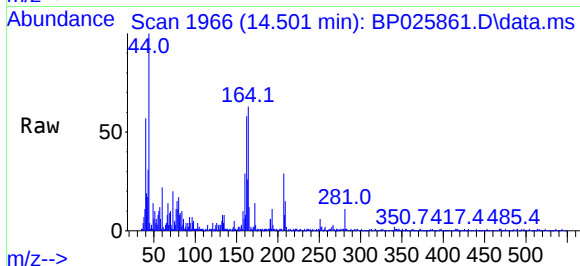




#54
2,4-Dinitrophenol
Concen: 4.832 ng
RT: 14.501 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

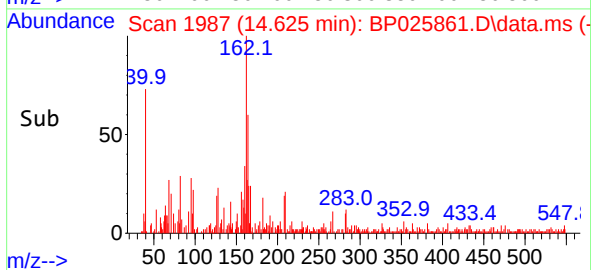
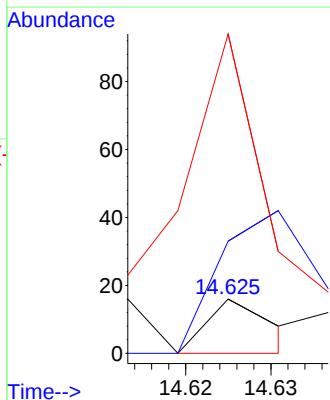
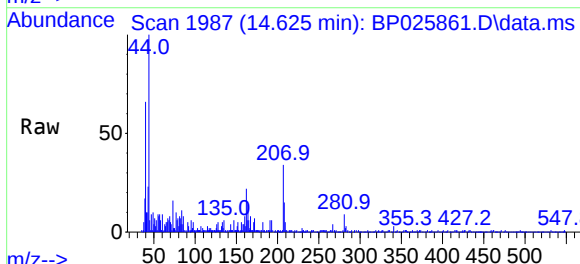
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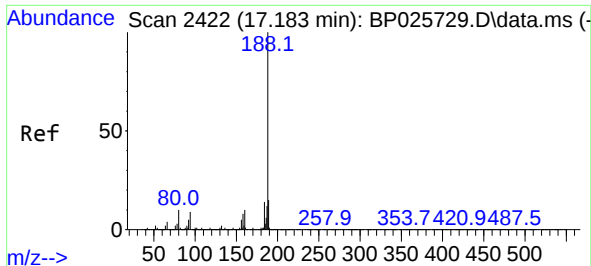
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 0.0 52.5 78.7#
154 122.7 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.484 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 206.3 62.9 102.9#
65 587.5 83.4 123.4#

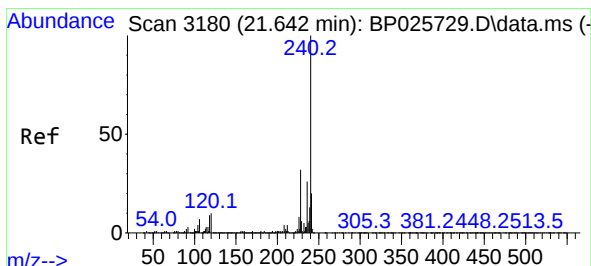
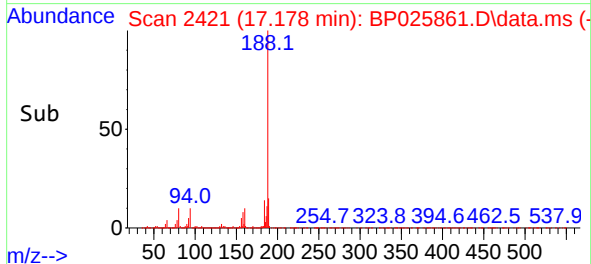
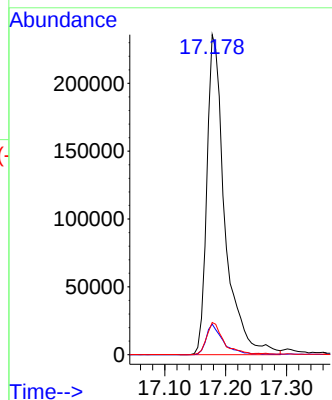
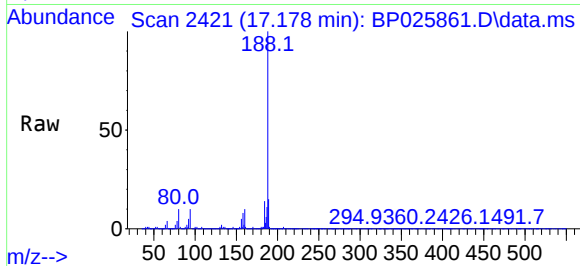




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

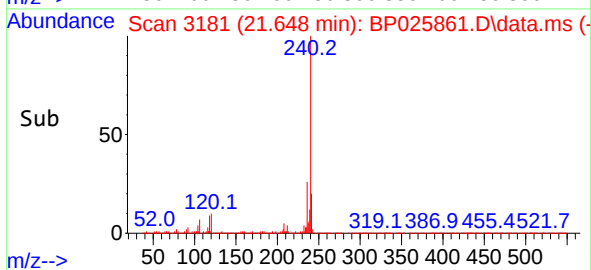
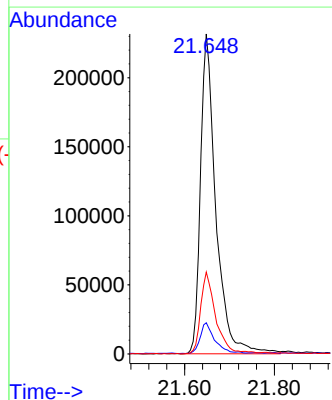
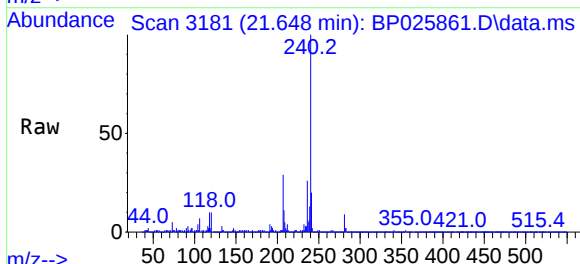
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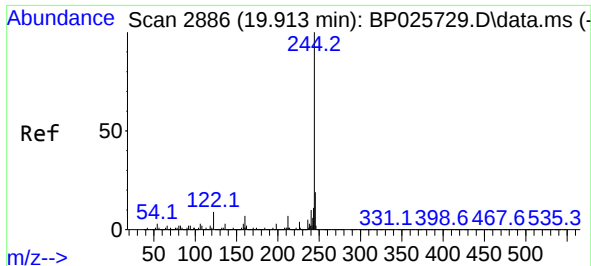
Tgt Ion:188 Resp: 484515
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.006 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

Tgt Ion:240 Resp: 551072
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.6 20.7 31.1

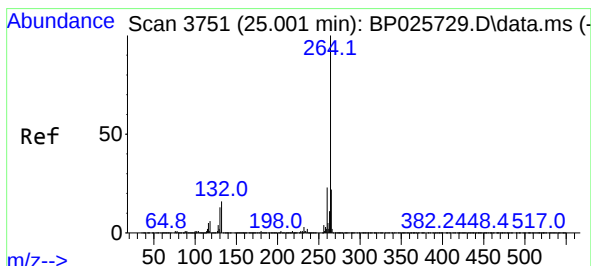
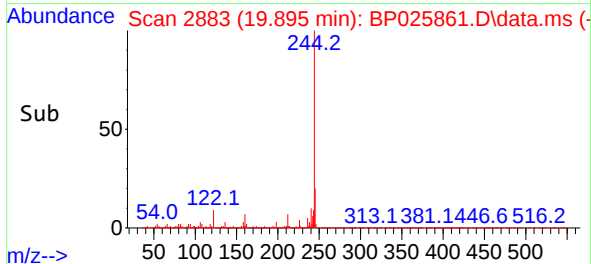
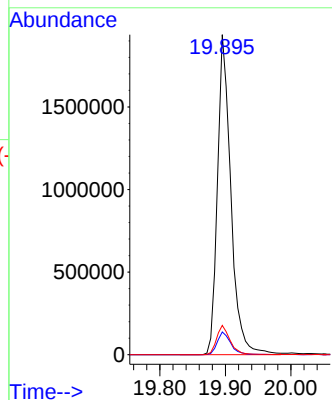
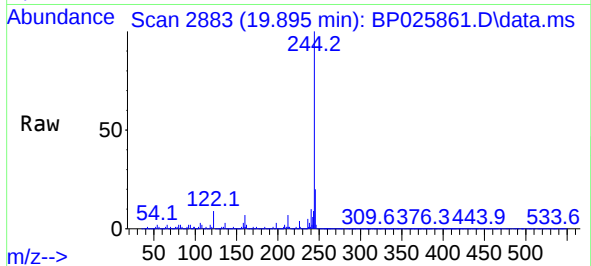




#79
Terphenyl-d14
Concen: 89.735 ng
RT: 19.895 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

Instrument :
BNA_P
ClientSampleId :
PB169834BL

Tgt Ion:244 Resp: 2748804
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.2 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.019 min Scan# 3754
Delta R.T. 0.018 min
Lab File: BP025861.D
Acq: 25 Sep 2025 16:06

Tgt Ion:264 Resp: 611623
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 23.8 17.3 25.9

