

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
 Data File : BP025893.D
 Acq On : 30 Sep 2025 16:07
 Operator : CG/JU
 Sample : PB169909BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169909BL

Quant Time: Sep 30 16:34:36 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)

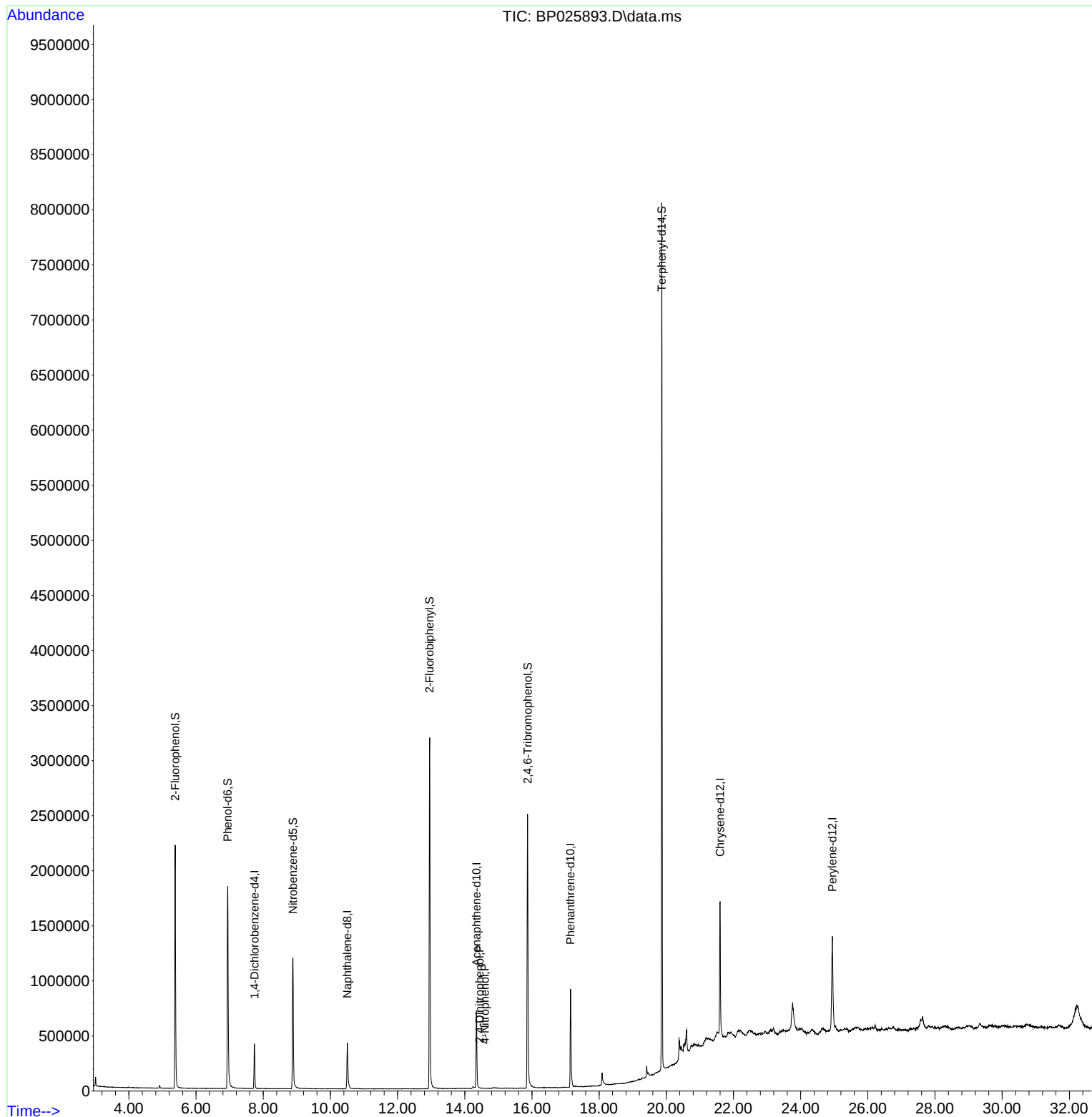
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	118992	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	457573	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	308102	20.000	ng	-0.03
64) Phenanthrene-d10	17.148	188	685664	20.000	ng	-0.04
76) Chrysene-d12	21.601	240	824101	20.000	ng	-0.04
86) Perylene-d12	24.942	264	924310	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1060124	143.754	ng	0.00
7) Phenol-d6	6.943	99	1328613	135.543	ng	0.00
23) Nitrobenzene-d5	8.884	82	820586	79.106	ng	-0.02
42) 2,4,6-Tribromophenol	15.872	330	649298	168.958	ng	-0.04
45) 2-Fluorobiphenyl	12.954	172	1972483	85.244	ng	-0.04
79) Terphenyl-d14	19.866	244	3994660	87.202	ng	-0.05
Target Compounds						
54) 2,4-Dinitrophenol	14.443	184	52	4.839	ng	# 1
56) 4-Nitrophenol	14.595	139	48	4.492	ng	# 38

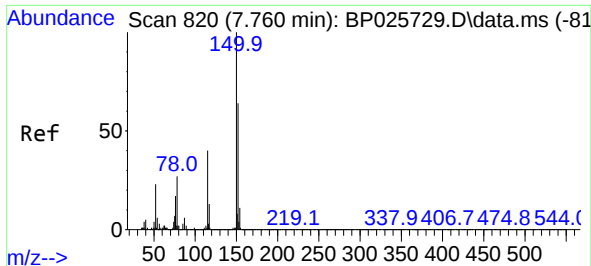
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
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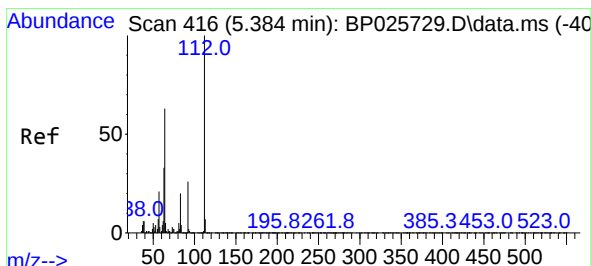
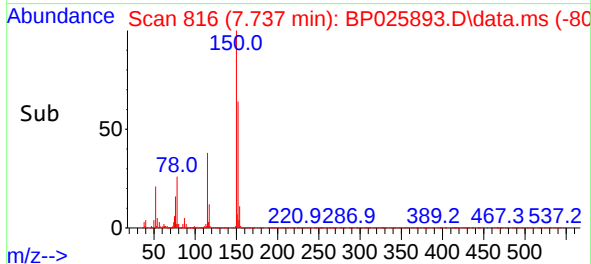
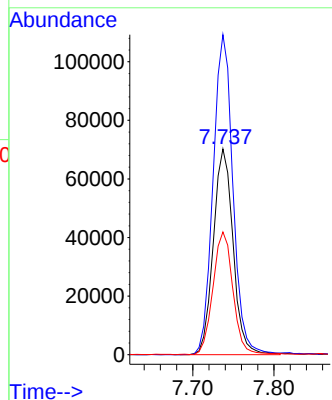
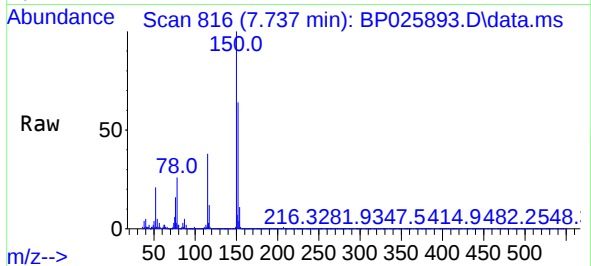




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

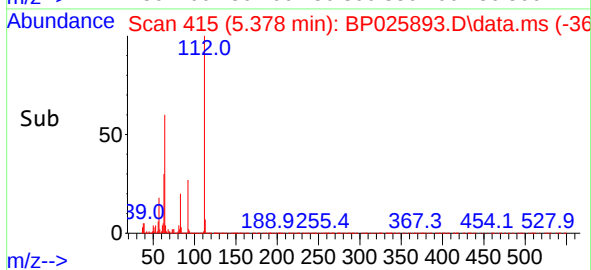
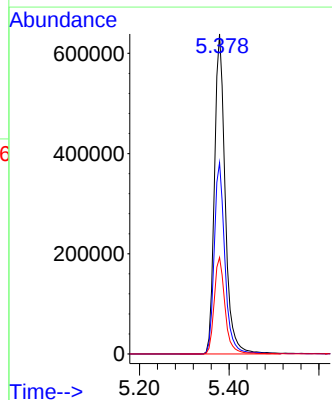
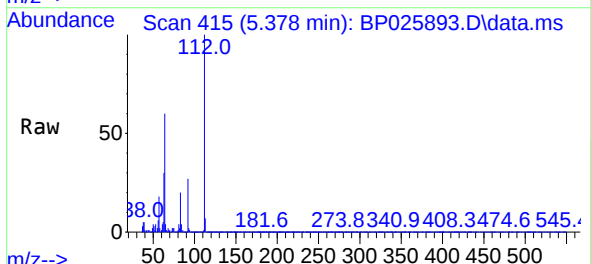
Instrument :
BNA_P
ClientSampleId :
PB169909BL

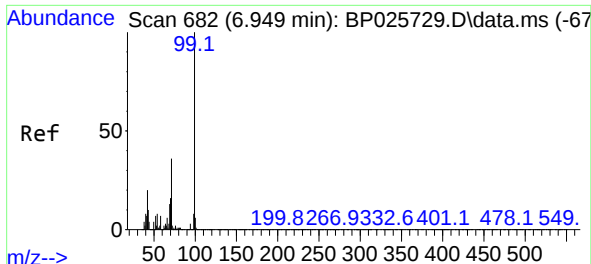
Tgt Ion:152 Resp: 118992
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 59.6 50.3 75.5



#5
2-Fluorophenol
Concen: 143.754 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

Tgt Ion:112 Resp: 1060124
Ion Ratio Lower Upper
112 100
64 59.7 50.2 75.4
63 30.2 26.7 40.1

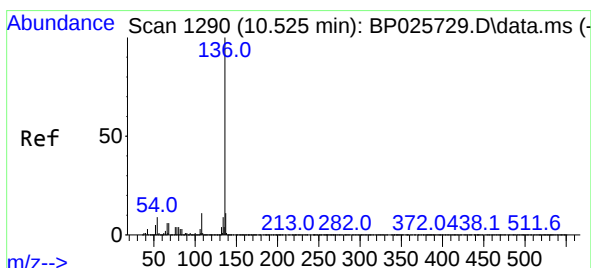
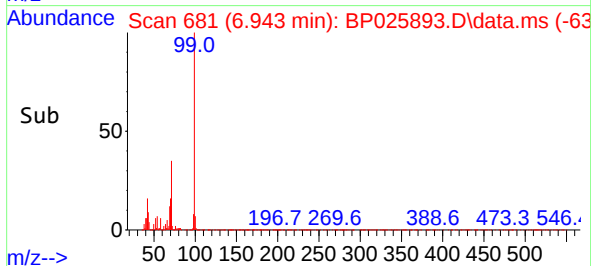
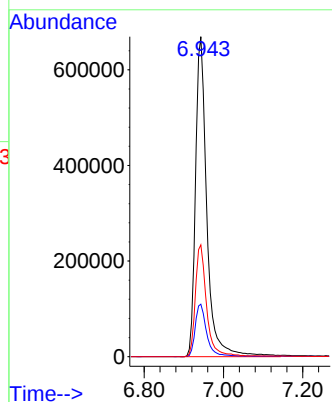
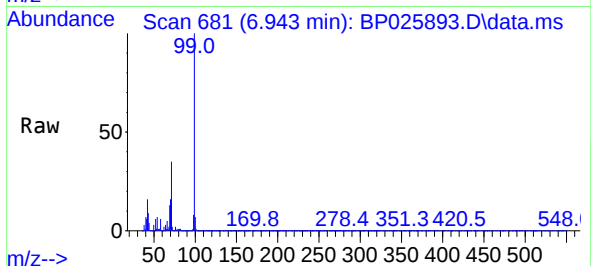




#7
Phenol-d6
Concen: 135.543 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

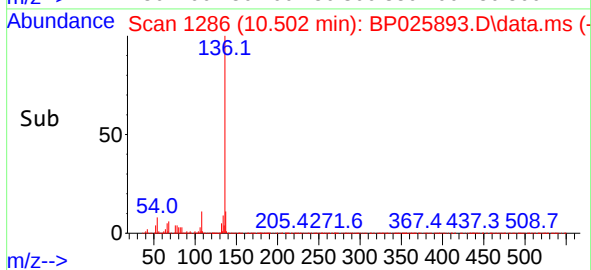
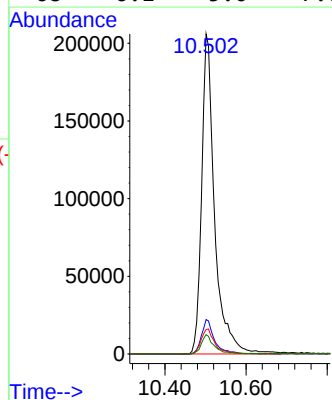
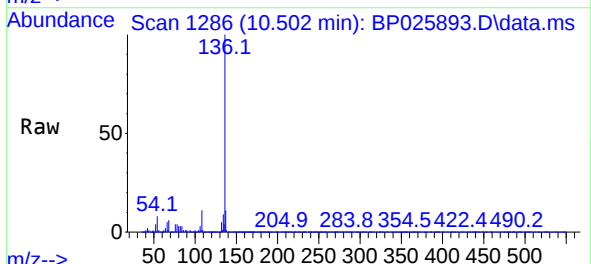
Instrument :
BNA_P
ClientSampleId :
PB169909BL

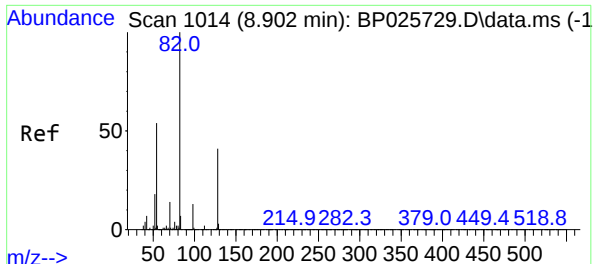
Tgt Ion: 99 Resp: 1328613
Ion Ratio Lower Upper
99 100
42 16.4 15.6 23.4
71 34.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 1286
Delta R.T. -0.023 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

Tgt Ion:136 Resp: 457573
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.6 7.5 11.3
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 79.106 ng

RT: 8.884 min Scan# 1011

Delta R.T. -0.018 min

Lab File: BP025893.D

Acq: 30 Sep 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB169909BL

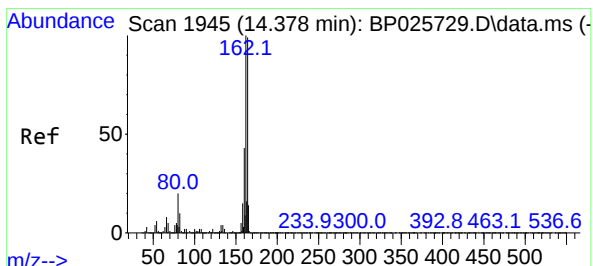
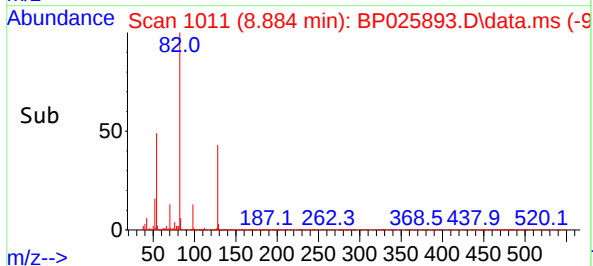
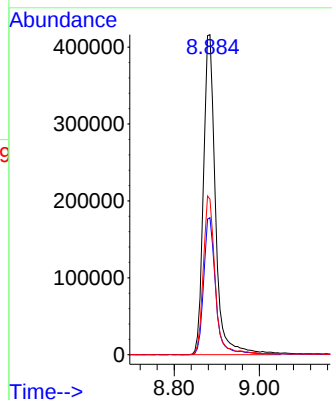
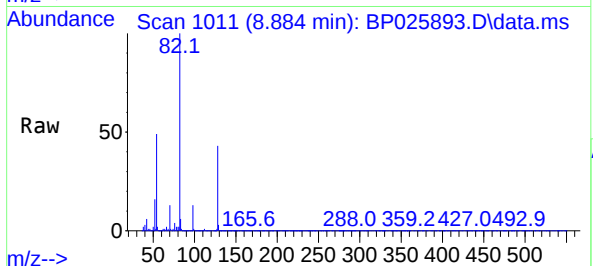
Tgt Ion: 82 Resp: 820586

Ion Ratio Lower Upper

82 100

128 42.8 32.9 49.3

54 48.6 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.348 min Scan# 1940

Delta R.T. -0.029 min

Lab File: BP025893.D

Acq: 30 Sep 2025 16:07

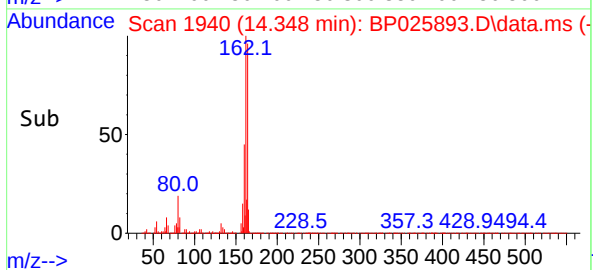
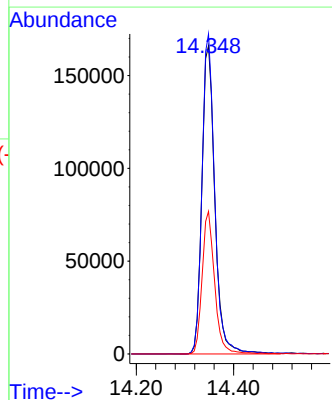
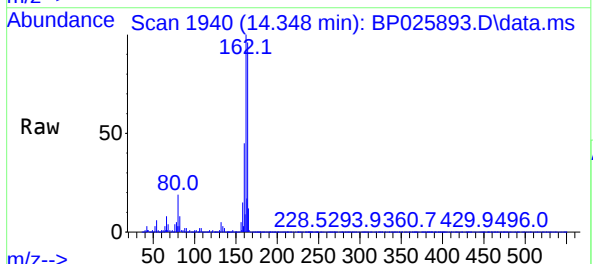
Tgt Ion: 164 Resp: 308102

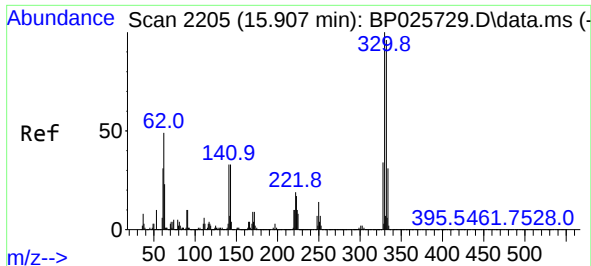
Ion Ratio Lower Upper

164 100

162 103.8 80.6 120.8

160 46.3 35.0 52.6

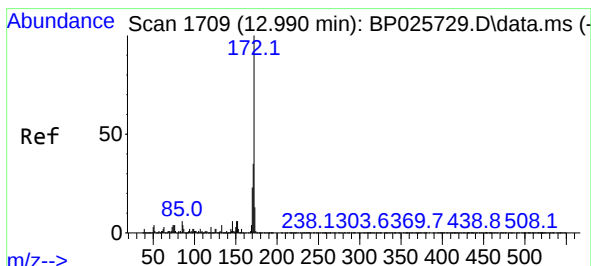
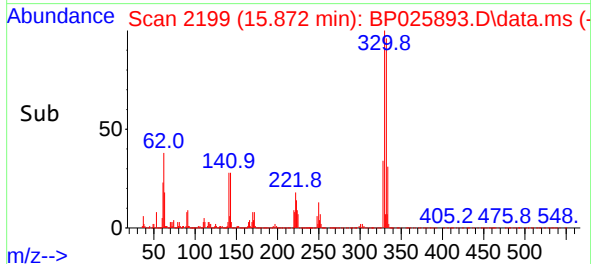
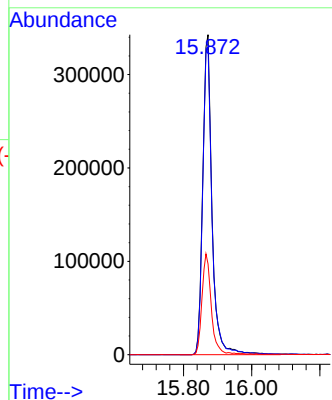
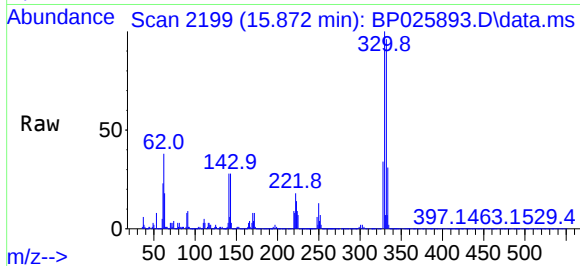




#42
2,4,6-Tribromophenol
Concen: 168.958 ng
RT: 15.872 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

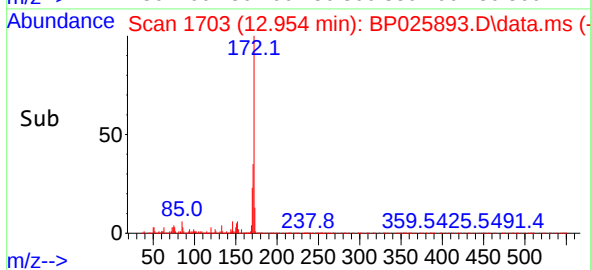
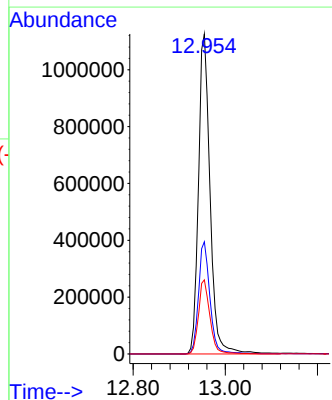
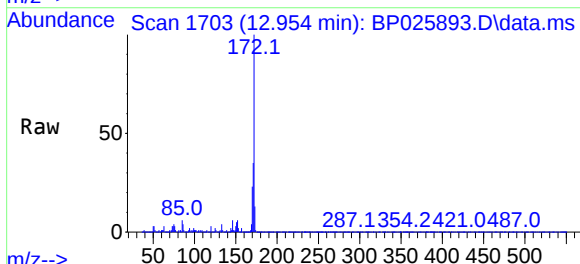
Instrument :
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ClientSampleId :
PB169909BL

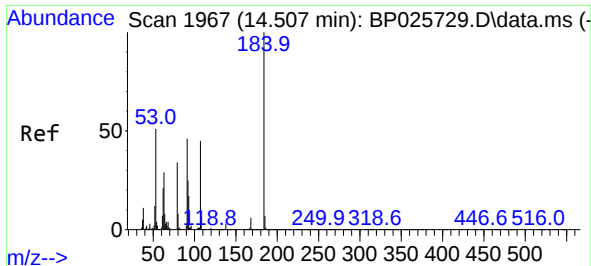
Tgt Ion:330 Resp: 649298
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 31.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 85.244 ng
RT: 12.954 min Scan# 1703
Delta R.T. -0.035 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

Tgt Ion:172 Resp: 1972483
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.2 18.6 27.8

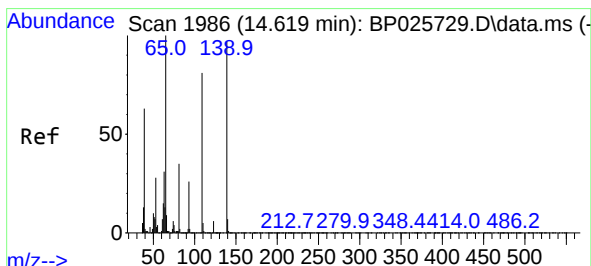
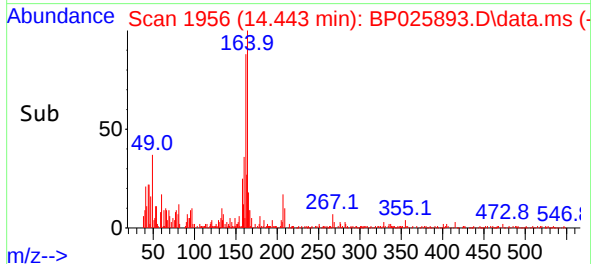
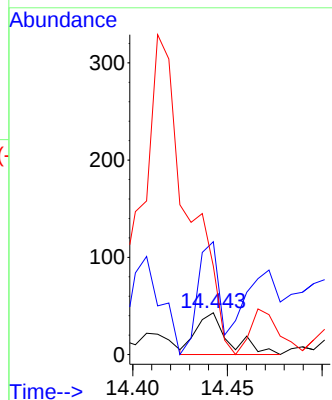
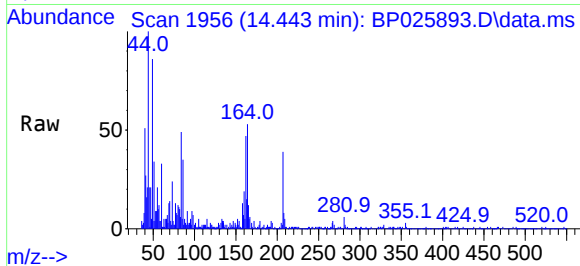




#54
2,4-Dinitrophenol
Concen: 4.839 ng
RT: 14.443 min Scan# 1967
Delta R.T. -0.064 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

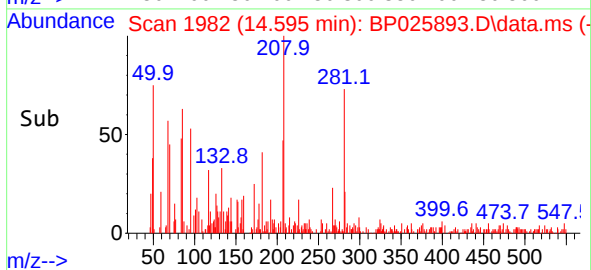
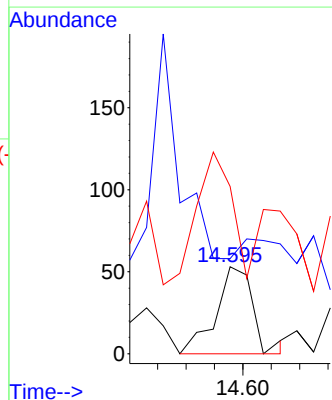
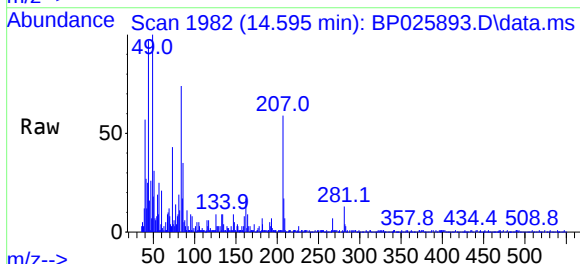
Instrument :
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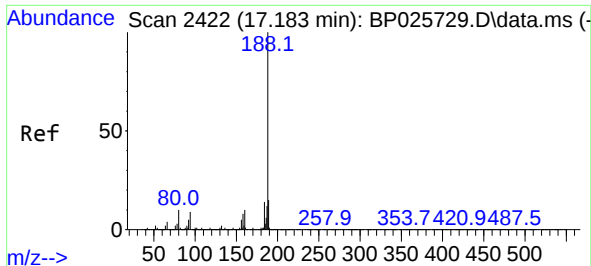
Tgt Ion:184 Resp: 52
Ion Ratio Lower Upper
184 100
63 323.3 52.5 78.7#
154 211.6 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.492 ng
RT: 14.595 min Scan# 1982
Delta R.T. -0.024 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

Tgt Ion:139 Resp: 48
Ion Ratio Lower Upper
139 100
109 109.4 62.9 102.9#
65 192.5 83.4 123.4#

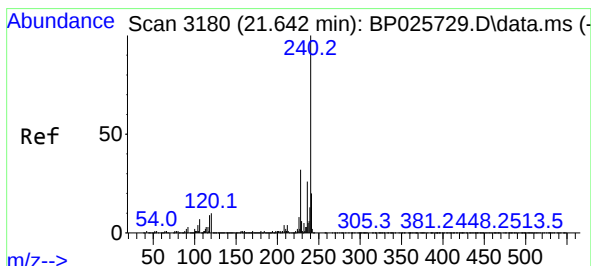
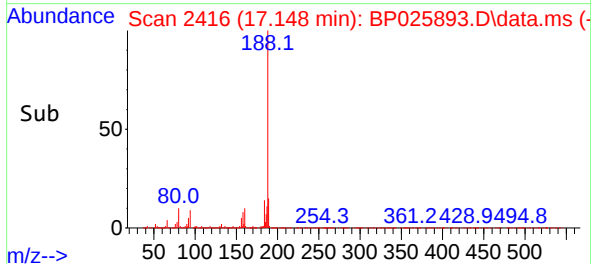
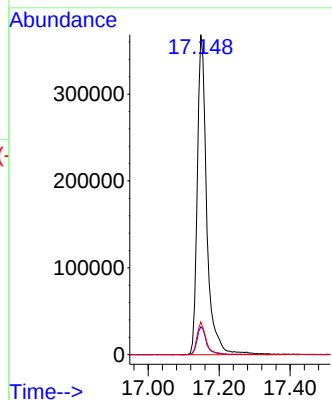
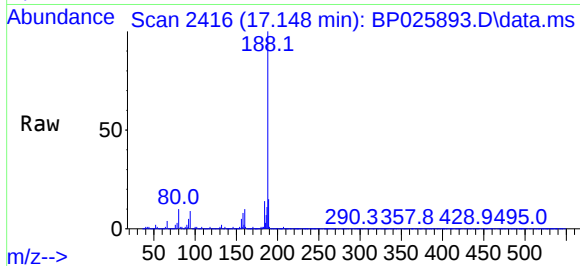




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.148 min Scan# 2416
Delta R.T. -0.035 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

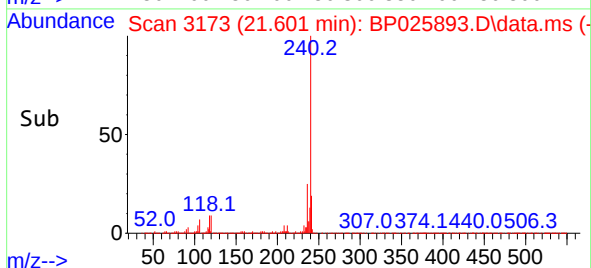
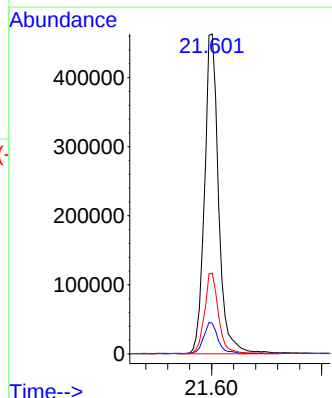
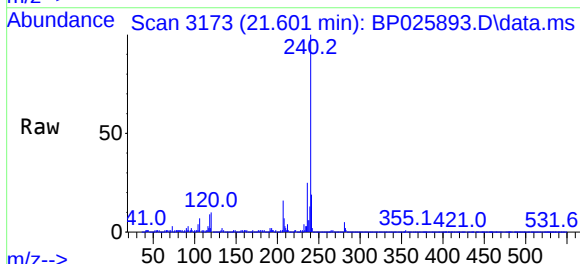
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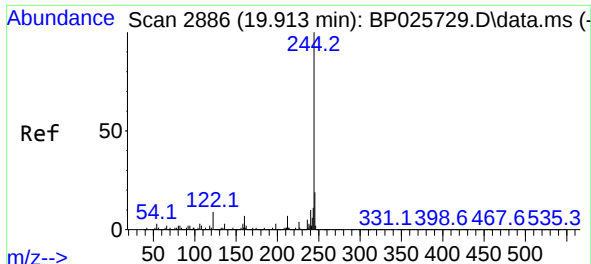
Tgt Ion:188 Resp: 685664
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.041 min
Lab File: BP025893.D
Acq: 30 Sep 2025 16:07

Tgt Ion:240 Resp: 824101
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.3 20.7 31.1

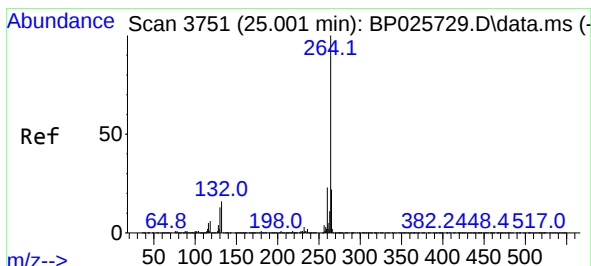
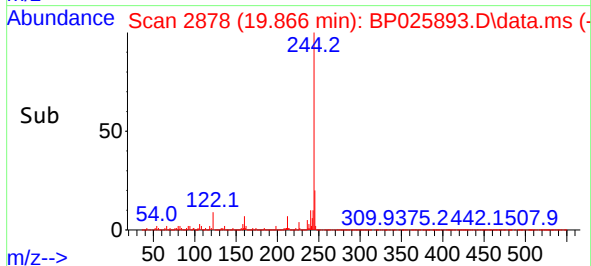
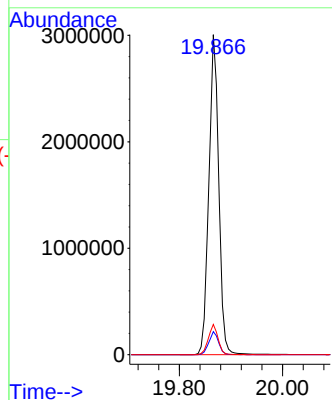
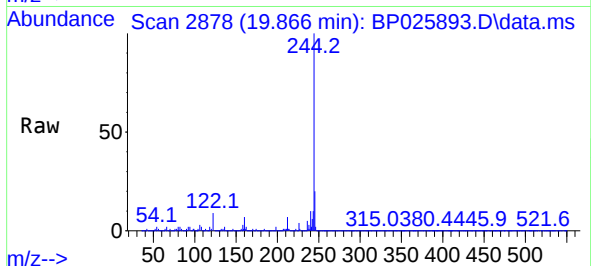




#79
 Terphenyl-d14
 Concen: 87.202 ng
 RT: 19.866 min Scan# 21
 Delta R.T. -0.047 min
 Lab File: BP025893.D
 Acq: 30 Sep 2025 16:07

Instrument :
 BNA_P
 ClientSampleId :
 PB169909BL

Tgt Ion:244 Resp: 3994660
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.942 min Scan# 3741
 Delta R.T. -0.059 min
 Lab File: BP025893.D
 Acq: 30 Sep 2025 16:07

Tgt Ion:264 Resp: 924310
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 22.7 17.3 25.9

