

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025856.D
 Acq On : 25 Sep 2025 12:15
 Operator : CG/JU
 Sample : PB169808BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169808BL

Quant Time: Sep 25 12:59:55 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)

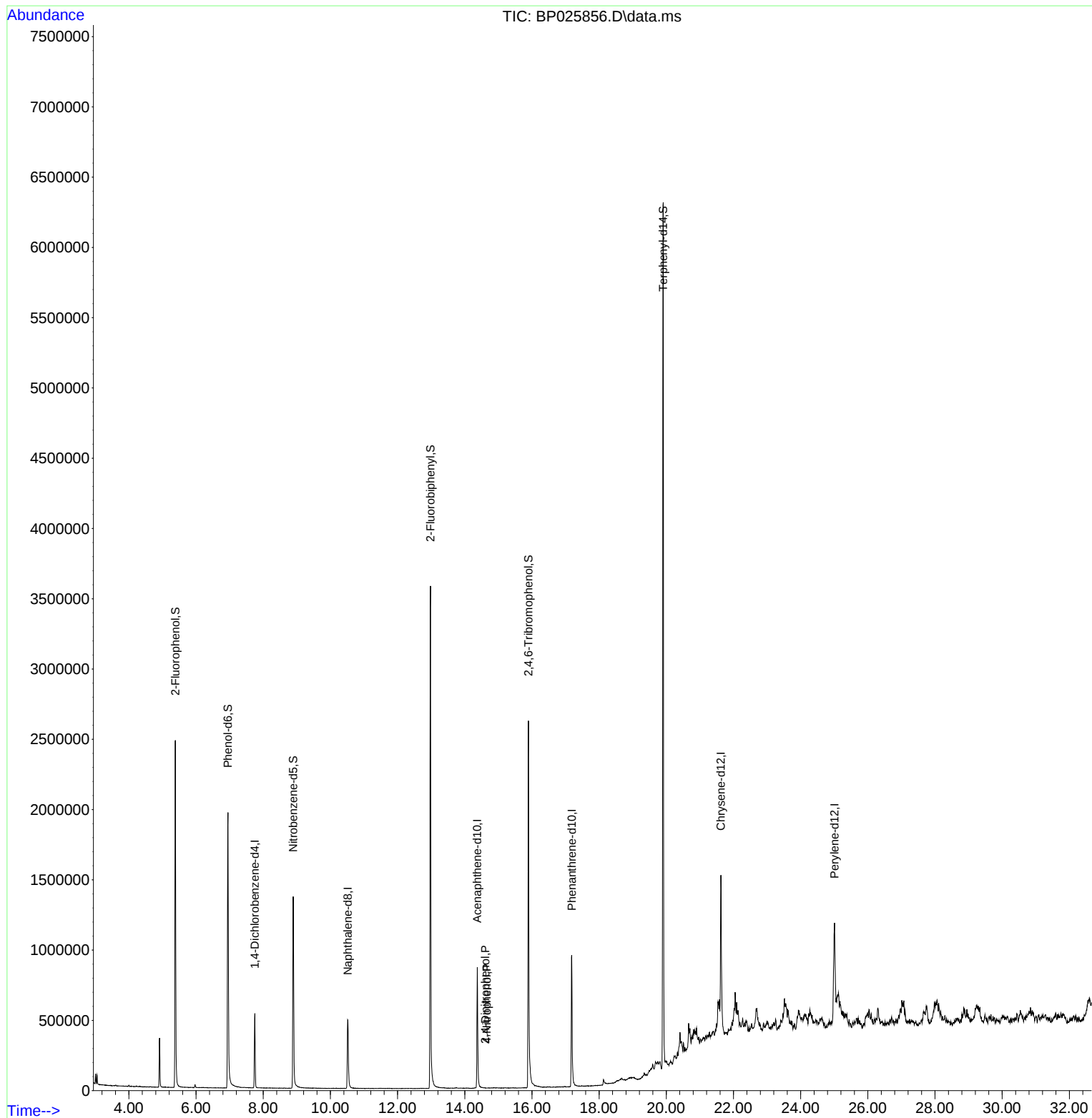
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	148489	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	557836	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	360163	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	733251	20.000	ng	0.00
76) Chrysene-d12	21.624	240	831310	20.000	ng	-0.02
86) Perylene-d12	25.007	264	948207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1196721	130.041	ng	0.00
7) Phenol-d6	6.949	99	1444787	118.115	ng	0.00
23) Nitrobenzene-d5	8.890	82	941455	74.446	ng	-0.01
42) 2,4,6-Tribromophenol	15.895	330	639130	142.272	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2168179	80.157	ng	-0.01
79) Terphenyl-d14	19.907	244	3876153	83.881	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.607	184	47	4.836	ng	94
56) 4-Nitrophenol	14.654	139	68	4.494	ng	87

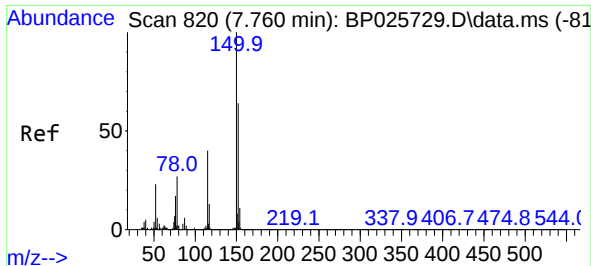
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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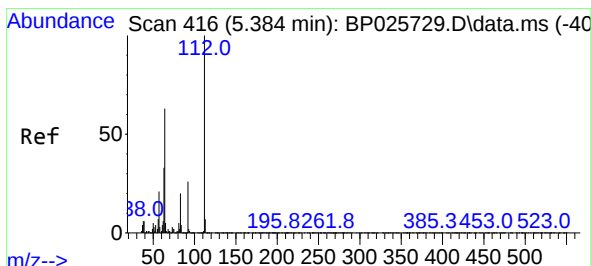
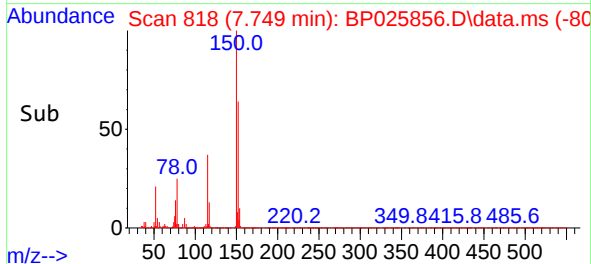
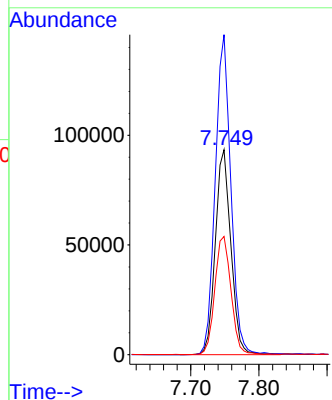
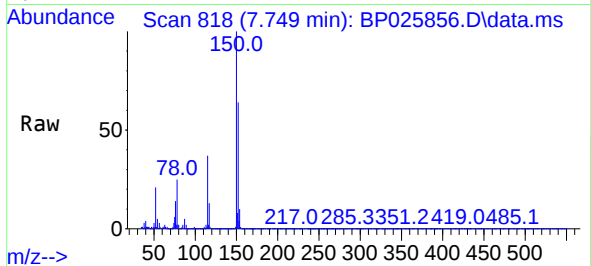




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

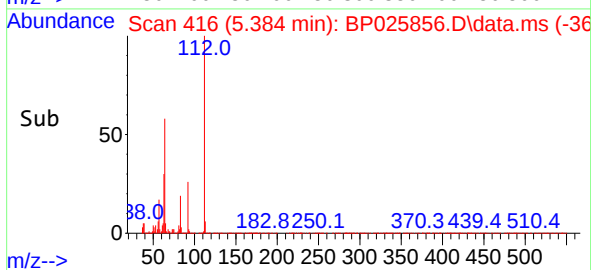
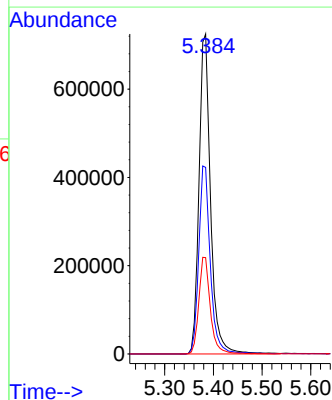
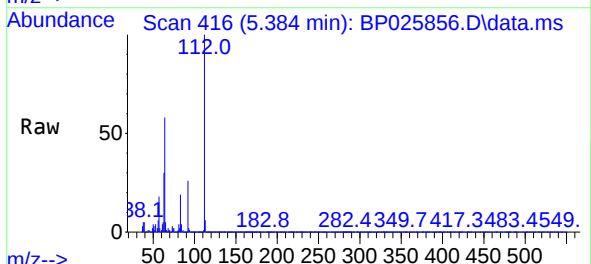
Instrument :
BNA_P
ClientSampleId :
PB169808BL

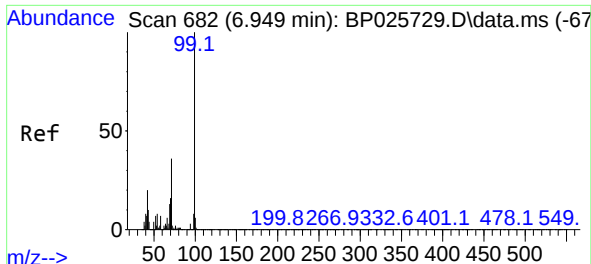
Tgt Ion:152 Resp: 148489
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 57.7 50.3 75.5



#5
2-Fluorophenol
Concen: 130.041 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

Tgt Ion:112 Resp: 1196721
Ion Ratio Lower Upper
112 100
64 58.3 50.2 75.4
63 30.1 26.7 40.1

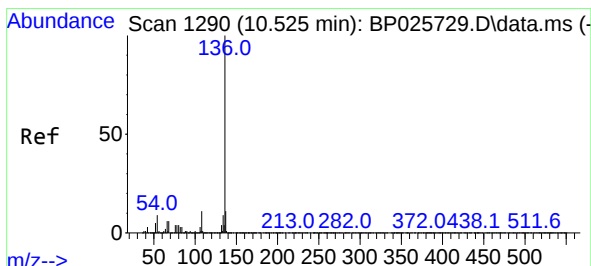
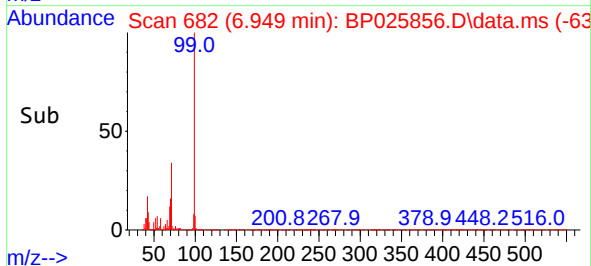
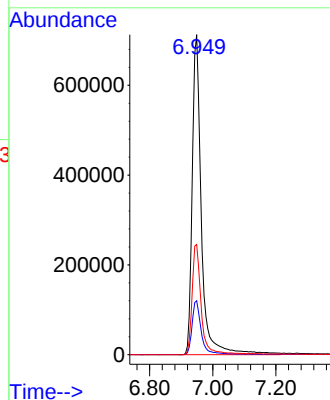
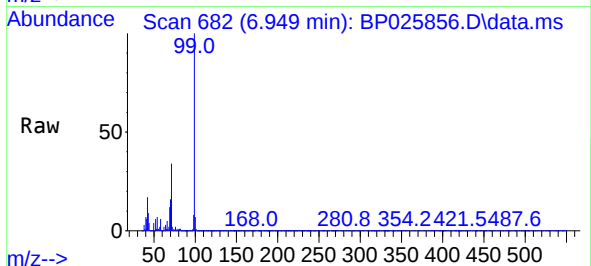




#7
Phenol-d6
Concen: 118.115 ng
RT: 6.949 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

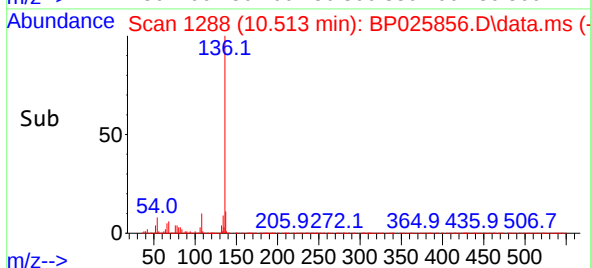
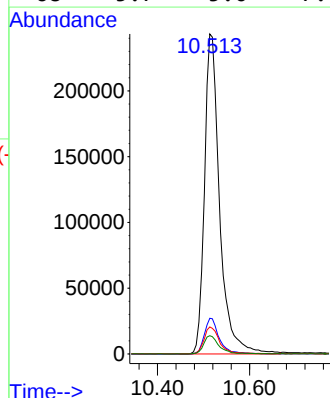
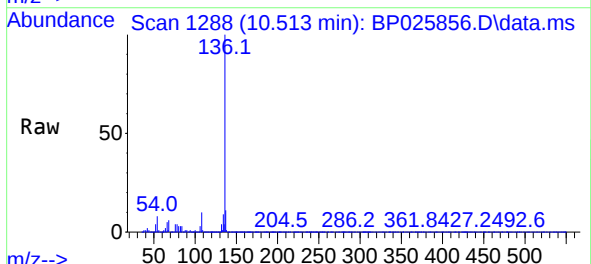
Instrument :
BNA_P
ClientSampleId :
PB169808BL

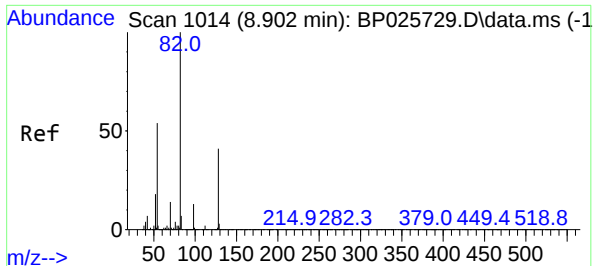
Tgt Ion: 99 Resp: 1444787
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 34.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

Tgt Ion:136 Resp: 557836
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.5 7.5 11.3
68 5.7 5.0 7.6

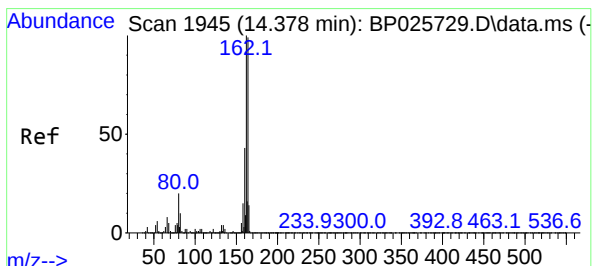
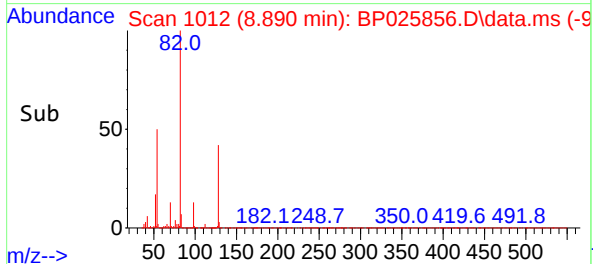
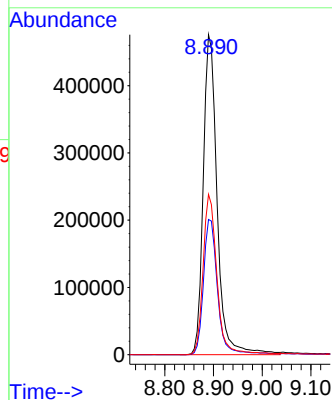
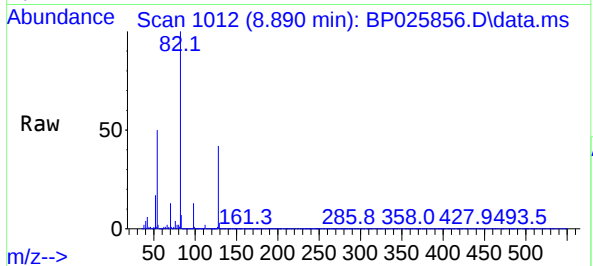




#23
Nitrobenzene-d5
Concen: 74.446 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

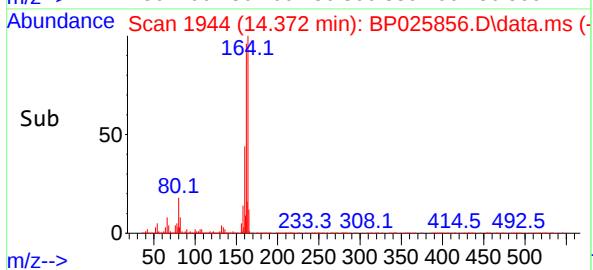
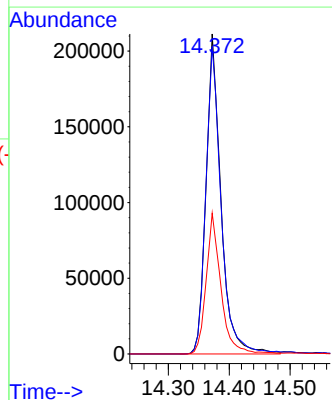
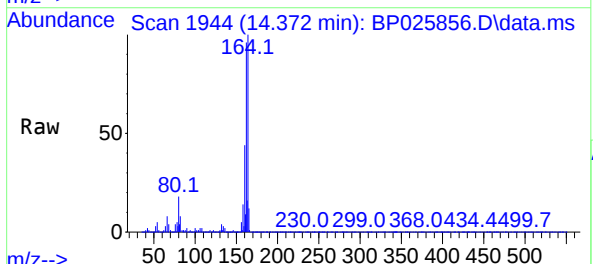
Instrument :
BNA_P
ClientSampleId :
PB169808BL

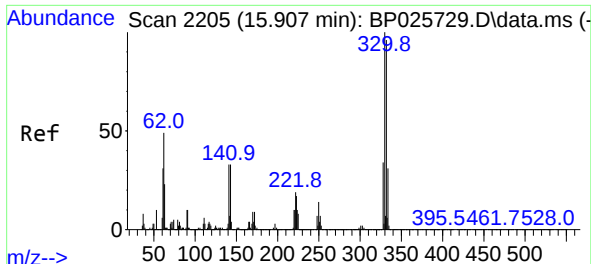
Tgt Ion: 82 Resp: 941455
Ion Ratio Lower Upper
82 100
128 42.3 32.9 49.3
54 50.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

Tgt Ion: 164 Resp: 360163
Ion Ratio Lower Upper
164 100
162 96.1 80.6 120.8
160 44.0 35.0 52.6

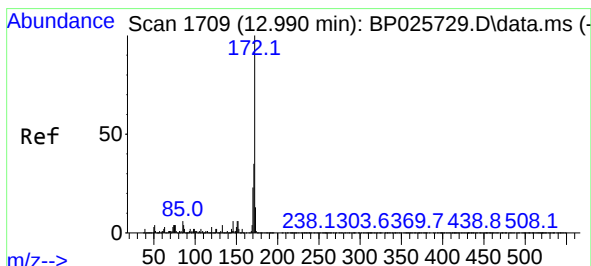
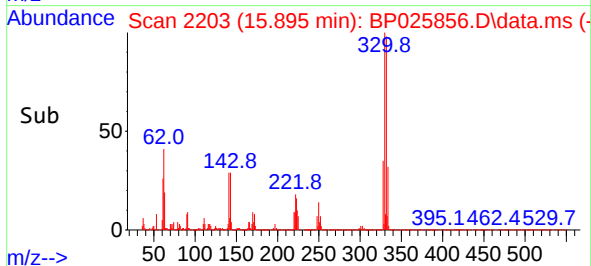
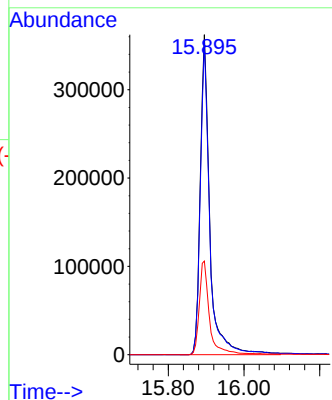
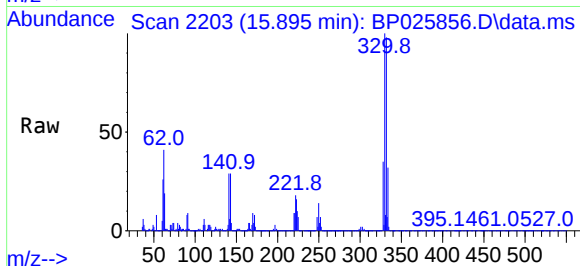




#42
2,4,6-Tribromophenol
Concen: 142.272 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

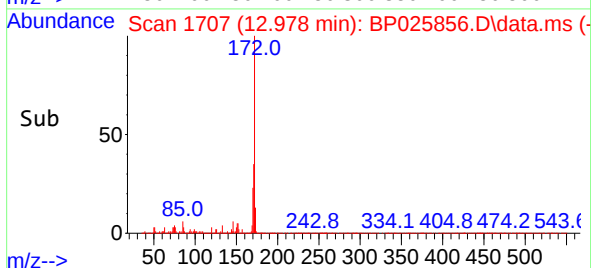
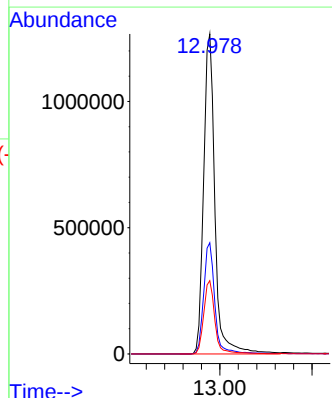
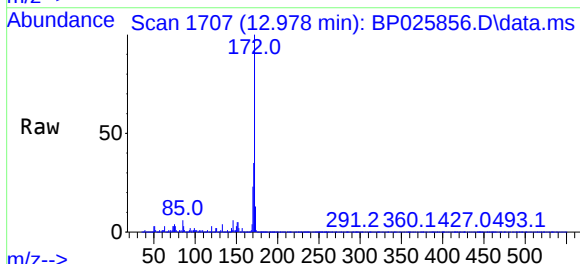
Instrument :
BNA_P
ClientSampleId :
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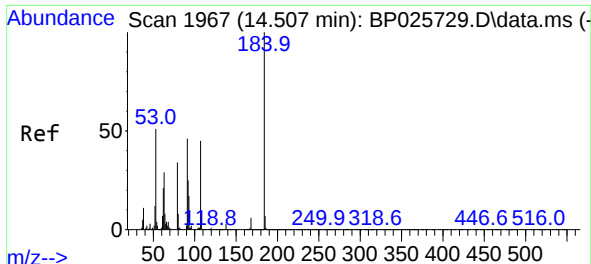
Tgt Ion:330 Resp: 639130
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 31.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 80.157 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

Tgt Ion:172 Resp: 2168179
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 22.9 18.6 27.8

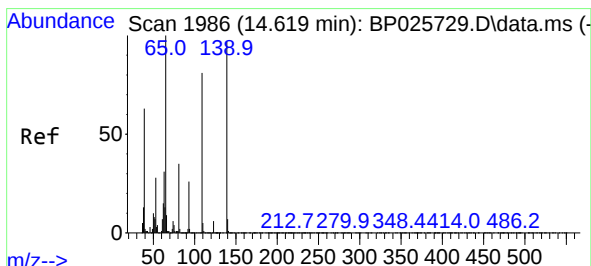
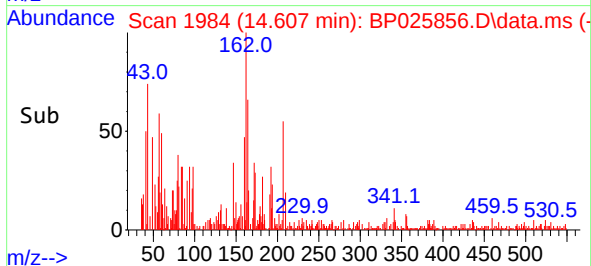
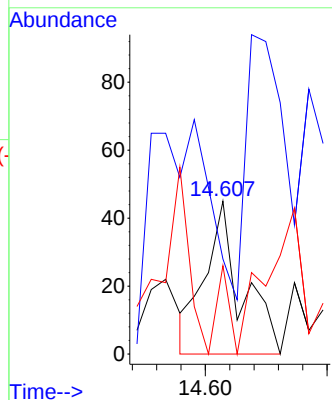
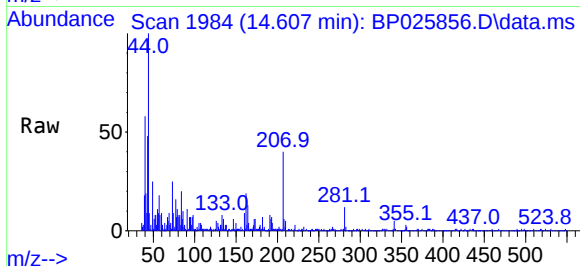




#54
2,4-Dinitrophenol
Concen: 4.836 ng
RT: 14.607 min Scan# 1967
Delta R.T. 0.100 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

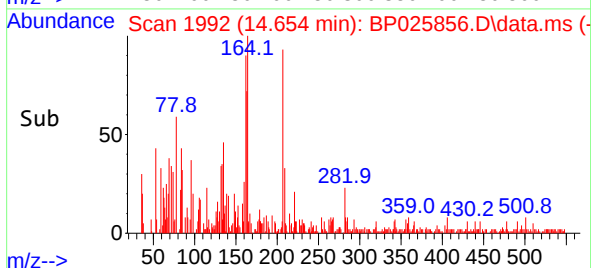
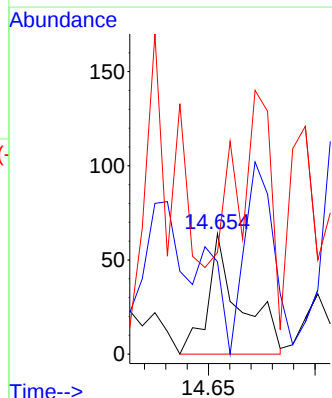
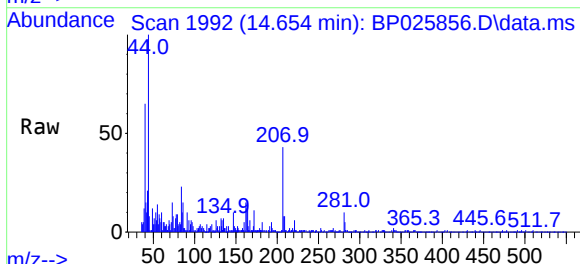
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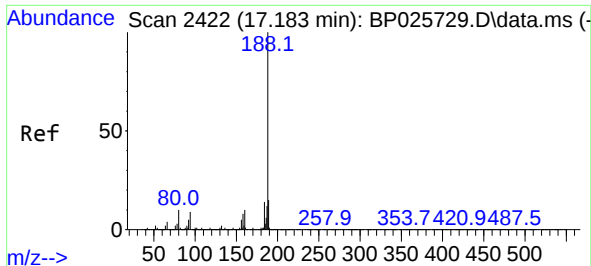
Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 62.2 52.5 78.7
154 57.8 51.5 77.3



#56
4-Nitrophenol
Concen: 4.494 ng
RT: 14.654 min Scan# 1992
Delta R.T. 0.035 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

Tgt Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 76.6 62.9 102.9
65 84.4 83.4 123.4

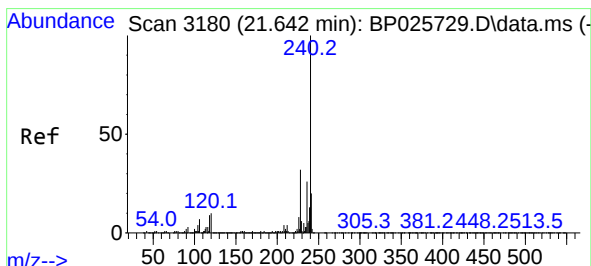
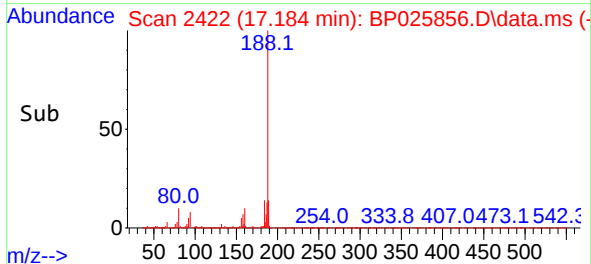
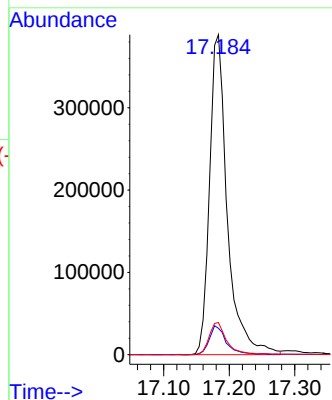
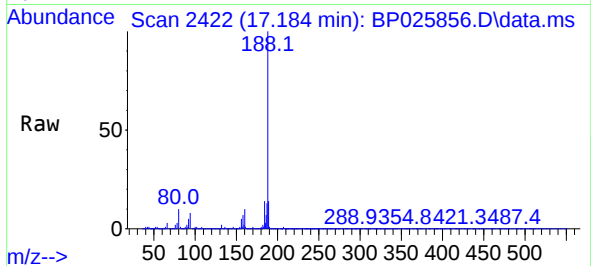




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

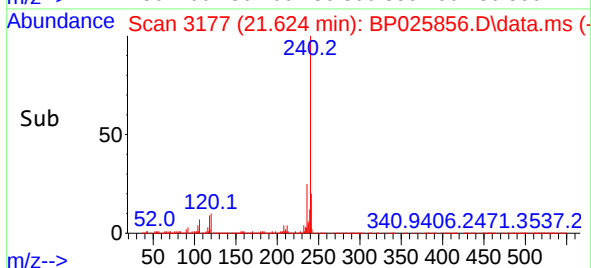
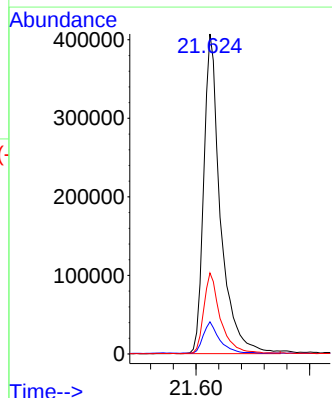
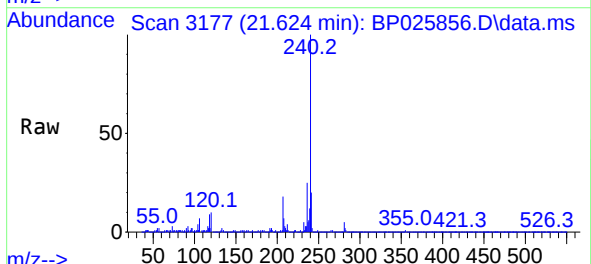
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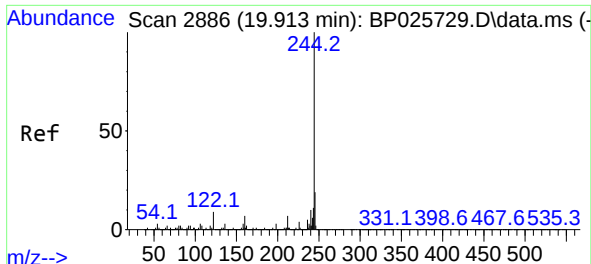
Tgt Ion:188 Resp: 733251
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.0
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025856.D
Acq: 25 Sep 2025 12:15

Tgt Ion:240 Resp: 831310
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.3 20.7 31.1

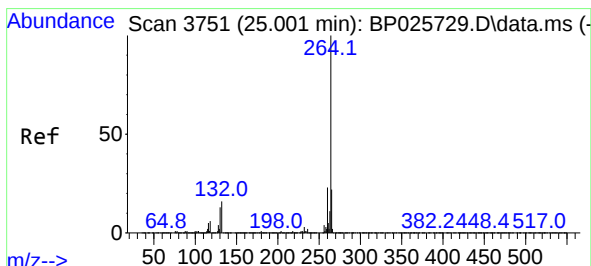
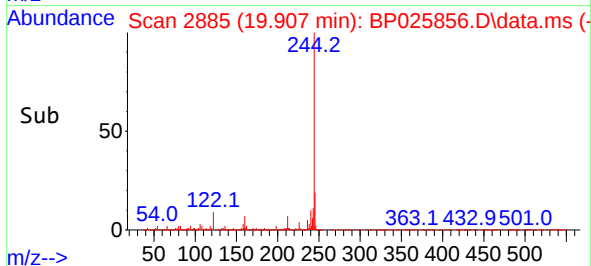
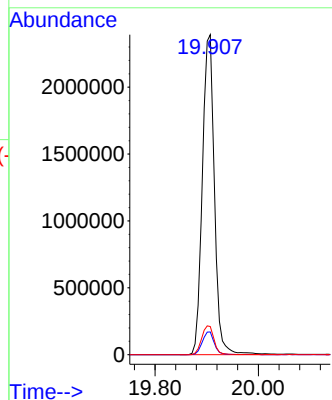
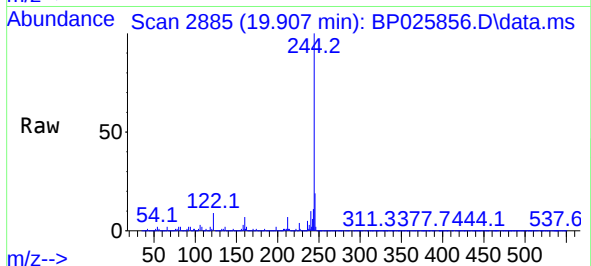




#79
 Terphenyl-d14
 Concen: 83.881 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025856.D
 Acq: 25 Sep 2025 12:15

Instrument :
 BNA_P
 ClientSampleId :
 PB169808BL

Tgt Ion:244 Resp: 3876153
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.8 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.007 min Scan# 3752
 Delta R.T. 0.006 min
 Lab File: BP025856.D
 Acq: 25 Sep 2025 12:15

Tgt Ion:264 Resp: 948207
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.6 17.3 25.9

