

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025954.D
 Acq On : 08 Oct 2025 15:26
 Operator : RC/JU
 Sample : PB169971TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169971TB

Quant Time: Oct 08 16:27:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

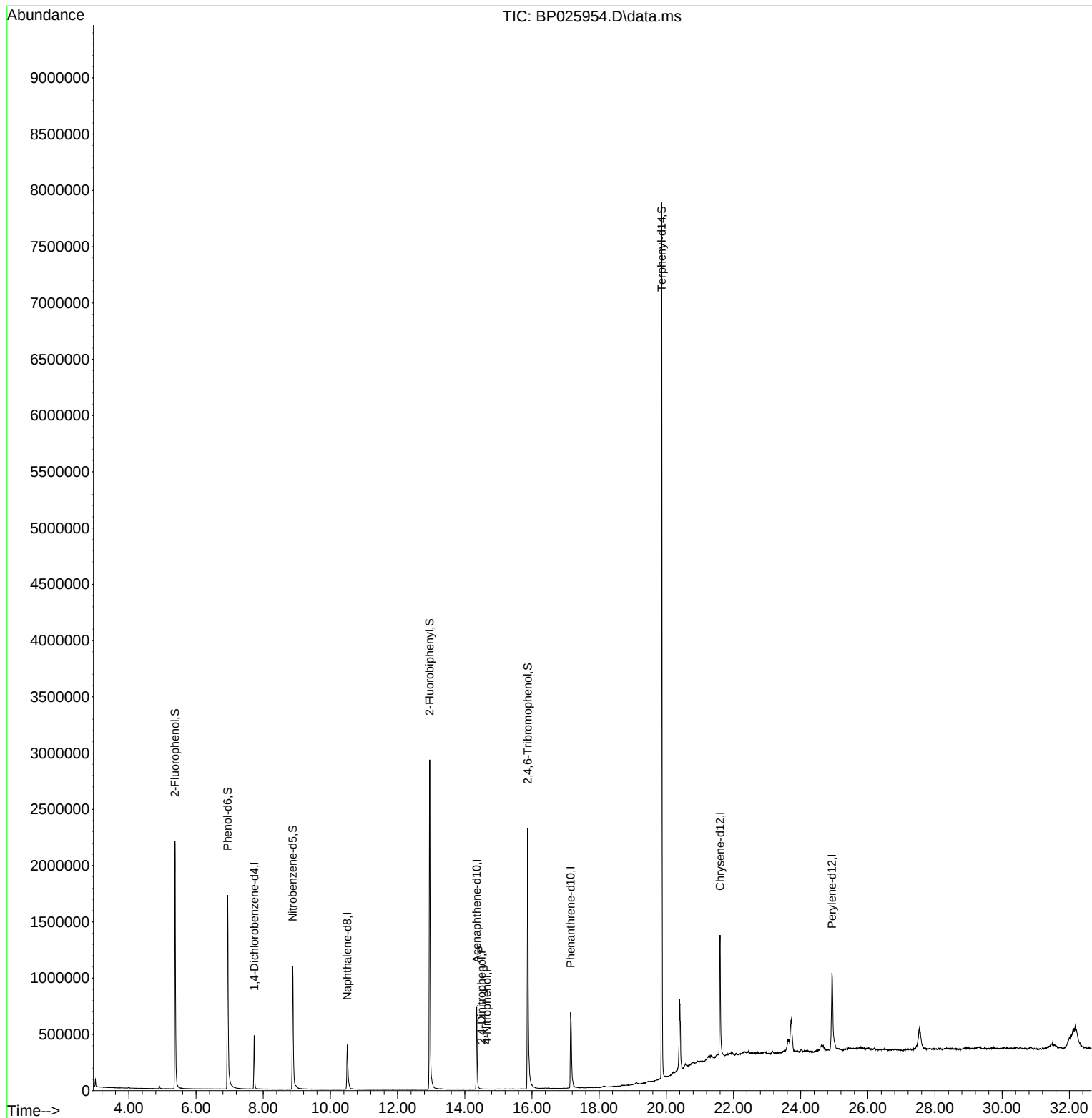
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	128092	20.000	ng	0.00
21) Naphthalene-d8	10.501	136	475749	20.000	ng	0.01
39) Acenaphthene-d10	14.354	164	322524	20.000	ng	0.02
64) Phenanthrene-d10	17.154	188	719553	20.000	ng	0.02
76) Chrysene-d12	21.601	240	813127	20.000	ng	0.03
86) Perylene-d12	24.930	264	869125	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1115713	142.164	ng	0.00
7) Phenol-d6	6.937	99	1358934	131.123	ng	0.00
23) Nitrobenzene-d5	8.878	82	859312	80.839	ng	0.00
42) 2,4,6-Tribromophenol	15.872	330	630079	156.434	ng	0.02
45) 2-Fluorobiphenyl	12.954	172	1996548	83.158	ng	0.00
79) Terphenyl-d14	19.866	244	3922322	86.980	ng	0.01
Target Compounds						
54) 2,4-Dinitrophenol	14.501	184	24	4.827	ng	# 29
56) 4-Nitrophenol	14.654	139	20	4.539	ng	# 1

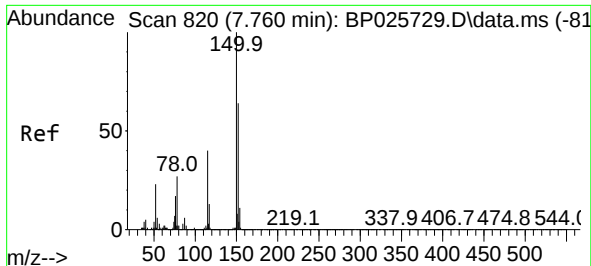
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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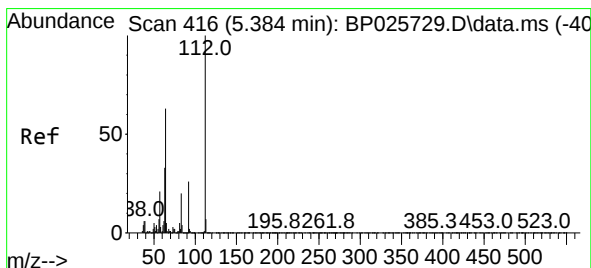
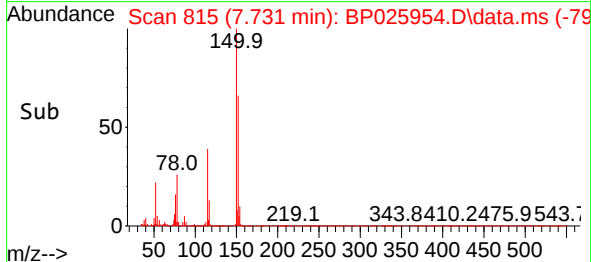
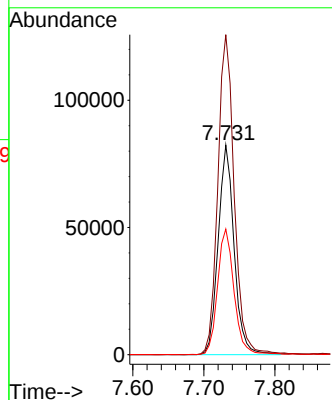
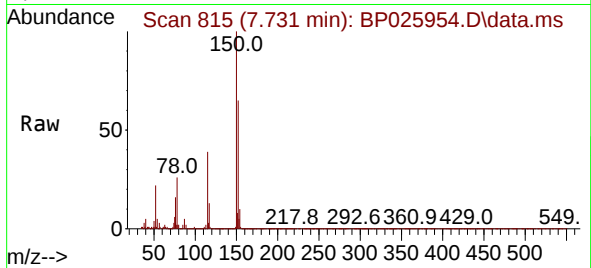




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.731 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

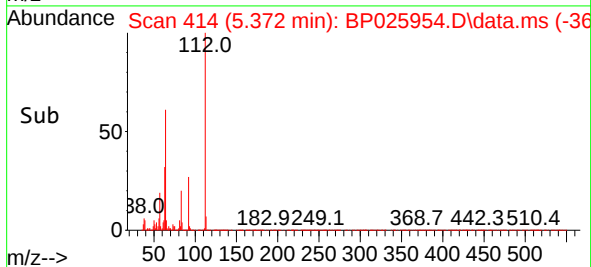
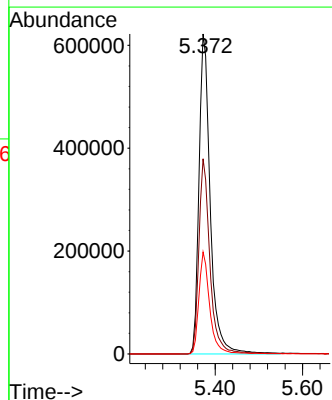
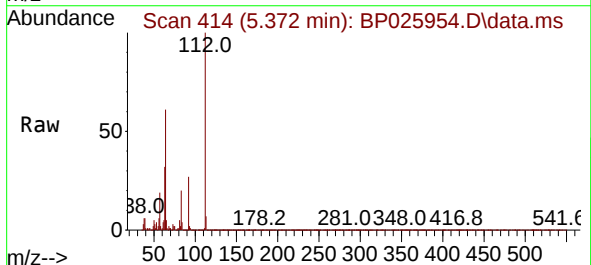
Instrument :
BNA_P
ClientSampleId :
PB169971TB

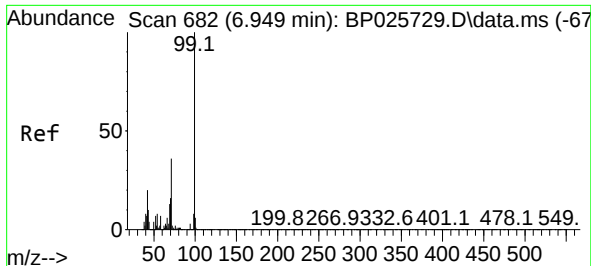
Tgt Ion:152 Resp: 128092
Ion Ratio Lower Upper
152 100
150 152.7 124.3 186.5
115 59.9 50.3 75.5



#5
2-Fluorophenol
Concen: 142.164 ng
RT: 5.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

Tgt Ion:112 Resp: 1115713
Ion Ratio Lower Upper
112 100
64 61.0 50.2 75.4
63 31.9 26.7 40.1

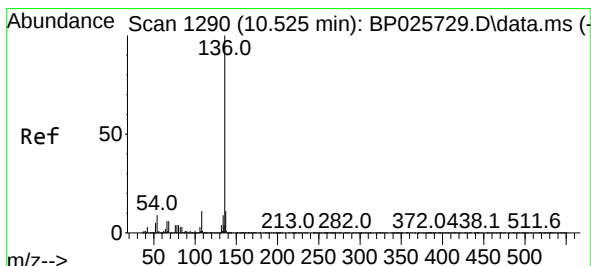
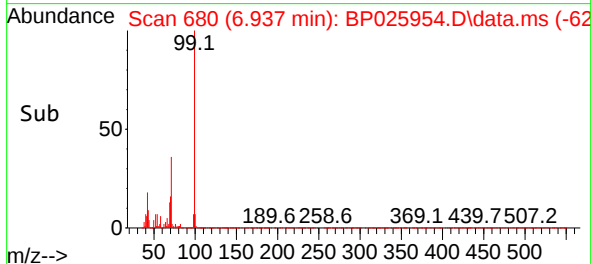
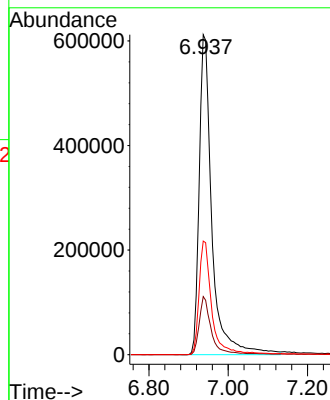
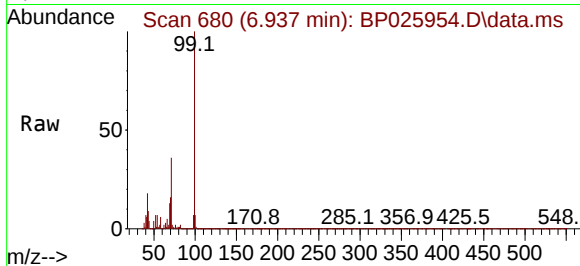




#7
Phenol-d6
Concen: 131.123 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

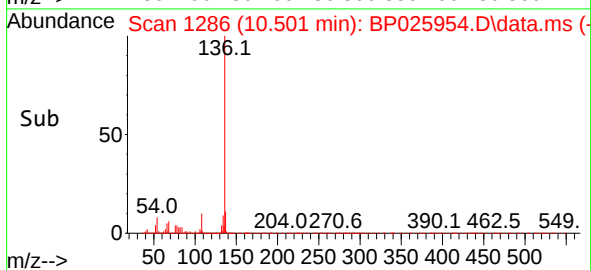
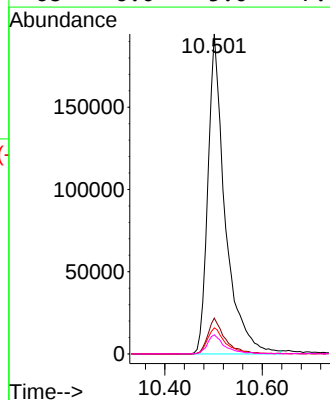
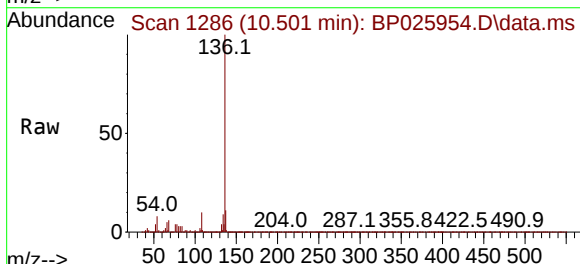
Instrument :
BNA_P
ClientSampleId :
PB169971TB

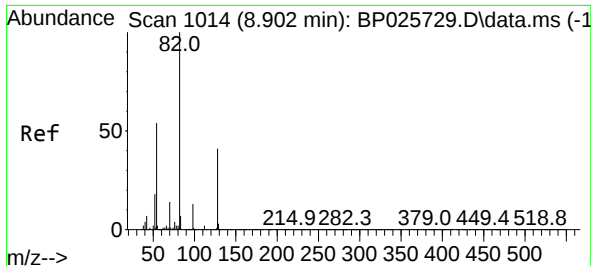
Tgt Ion: 99 Resp: 1358934
Ion Ratio Lower Upper
99 100
42 18.1 15.6 23.4
71 35.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

Tgt Ion:136 Resp: 475749
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.2 7.5 11.3
68 6.0 5.0 7.6

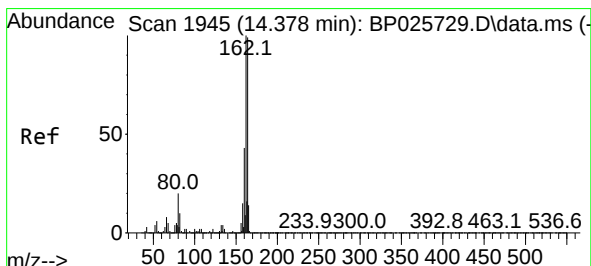
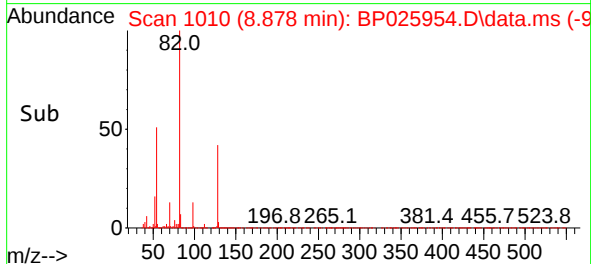
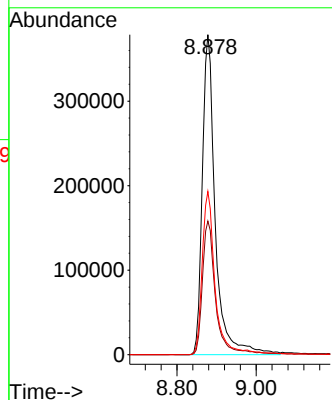
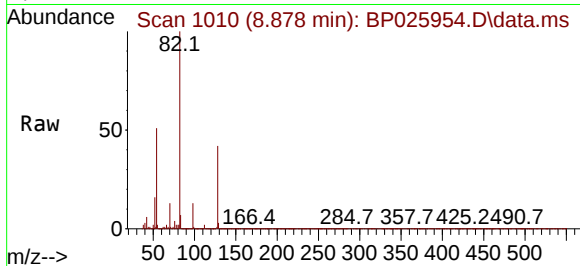




#23
Nitrobenzene-d5
Concen: 80.839 ng
RT: 8.878 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

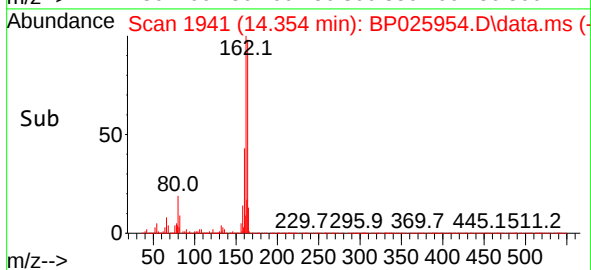
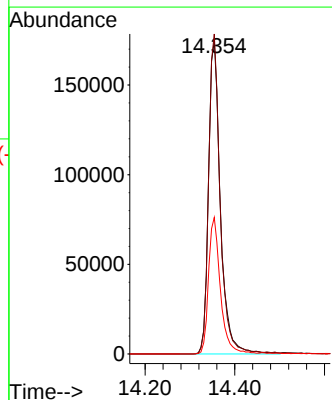
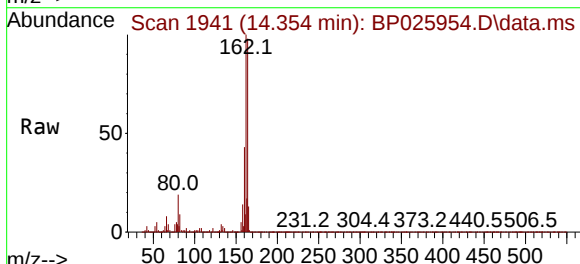
Instrument :
BNA_P
ClientSampleId :
PB169971TB

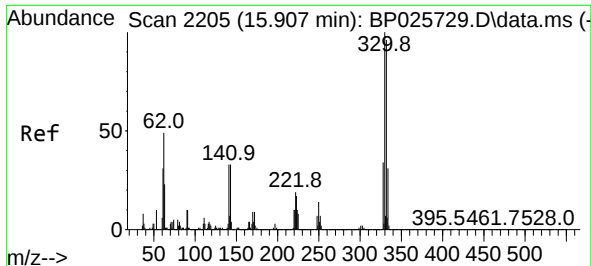
Tgt Ion: 82 Resp: 859312
Ion Ratio Lower Upper
82 100
128 41.7 32.9 49.3
54 51.0 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. 0.017 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

Tgt Ion: 164 Resp: 322524
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 43.6 35.0 52.6

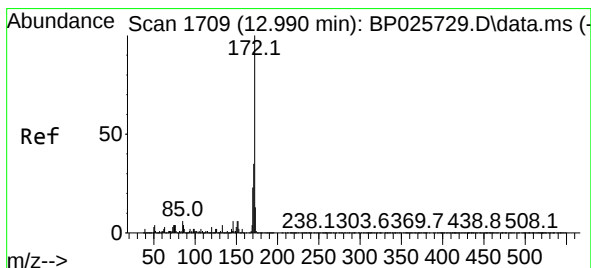
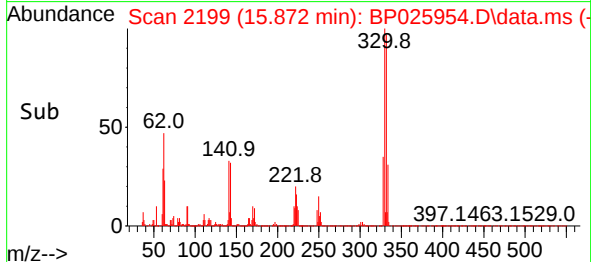
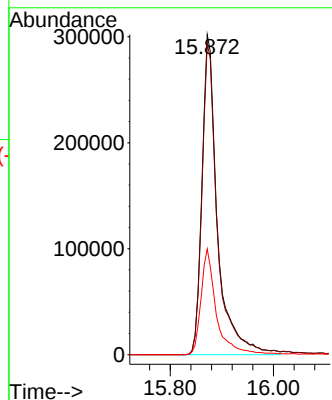
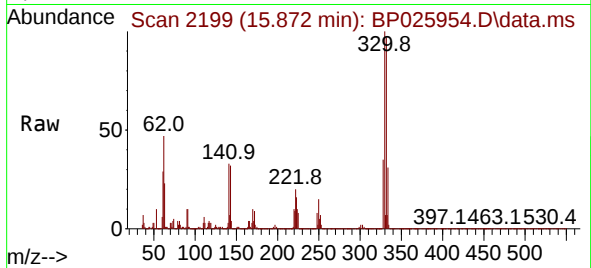




#42
2,4,6-Tribromophenol
Concen: 156.434 ng
RT: 15.872 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

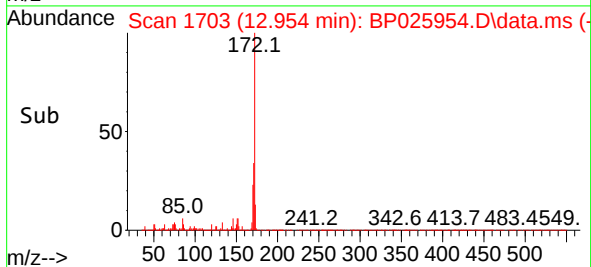
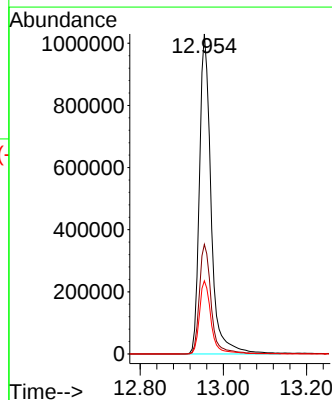
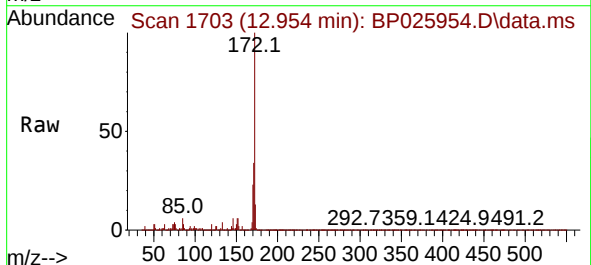
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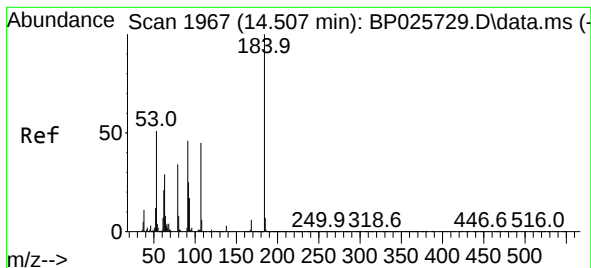
Tgt Ion:330 Resp: 630079
Ion Ratio Lower Upper
330 100
332 98.2 76.9 115.3
141 32.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 83.158 ng
RT: 12.954 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

Tgt Ion:172 Resp: 1996548
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 22.8 18.6 27.8

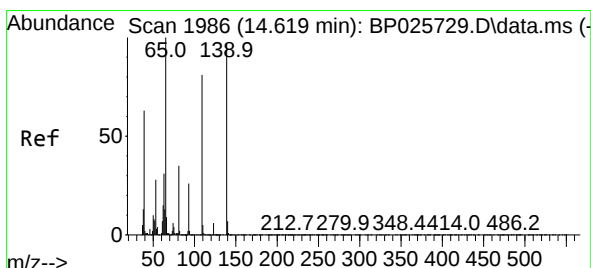
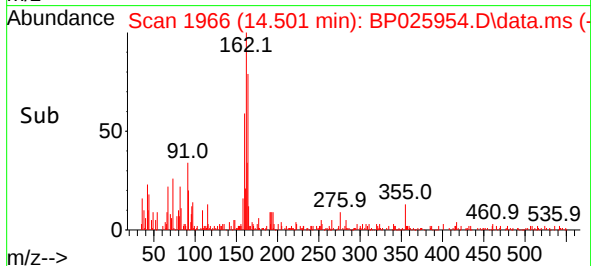
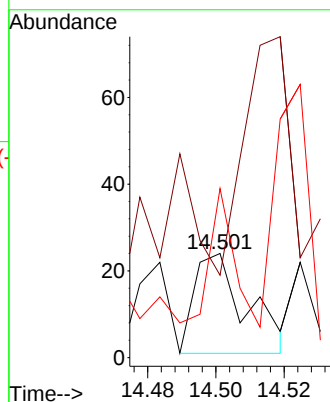
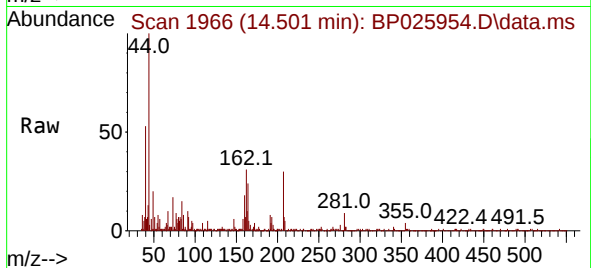




#54
2,4-Dinitrophenol
Concen: 4.827 ng
RT: 14.501 min Scan# 1966
Delta R.T. 0.012 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

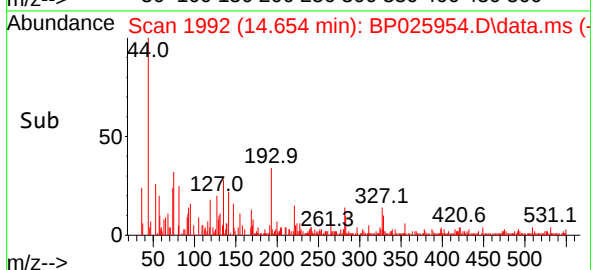
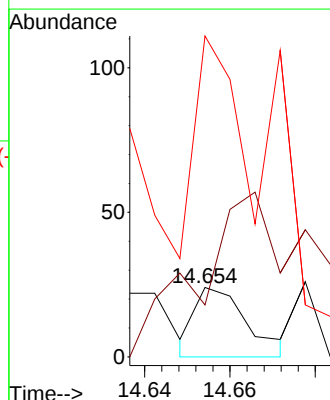
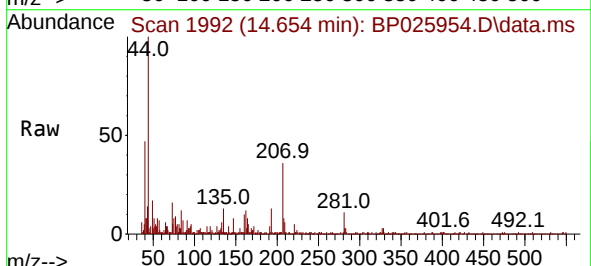
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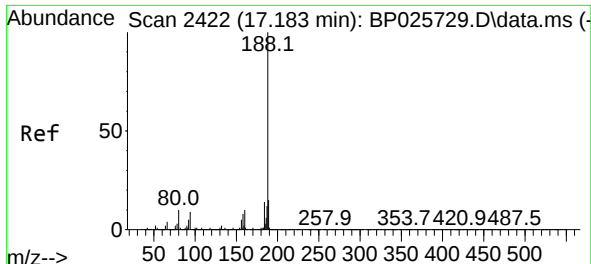
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 79.2 52.5 78.7#
154 162.5 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.539 ng
RT: 14.654 min Scan# 1992
Delta R.T. 0.023 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 75.0 62.9 102.9
65 462.5 83.4 123.4#

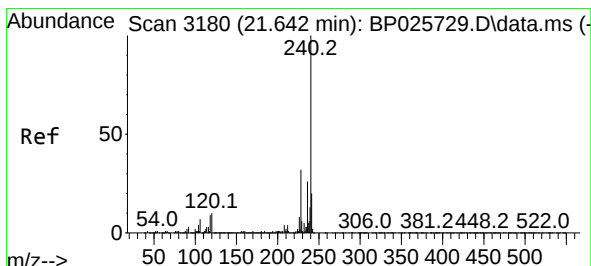
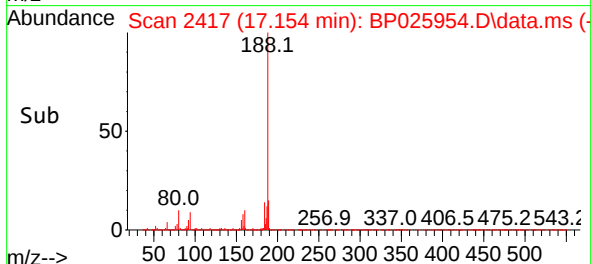
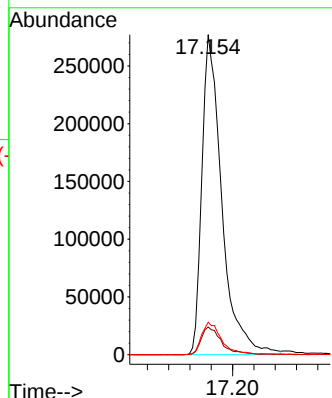
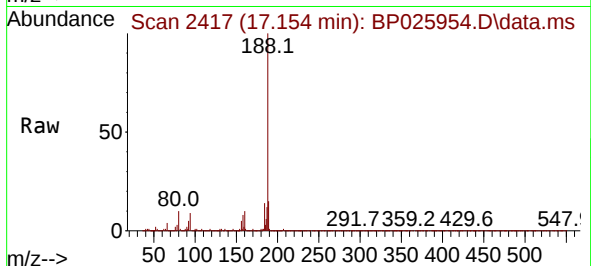




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.154 min Scan# 2417
Delta R.T. 0.023 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

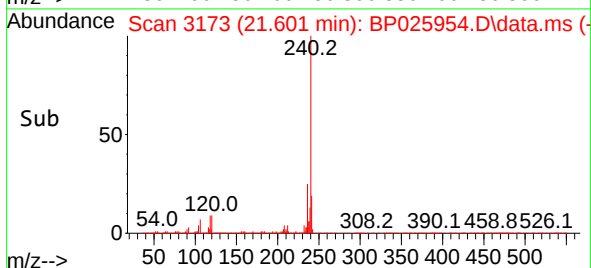
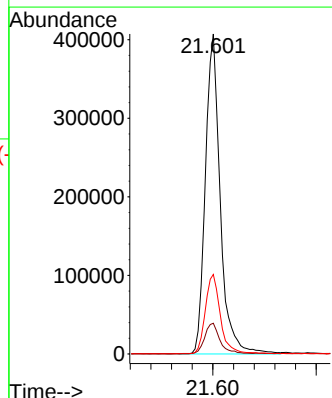
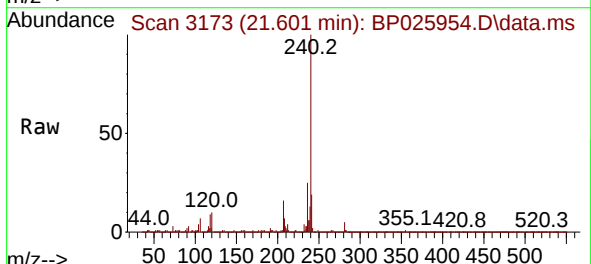
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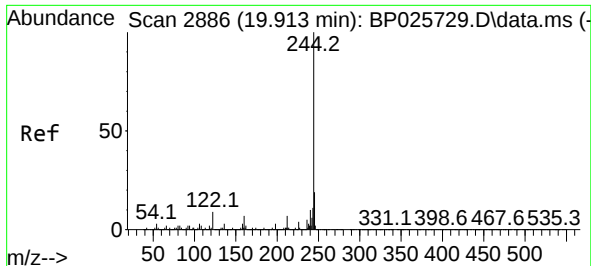
Tgt Ion:188 Resp: 719553
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3173
Delta R.T. 0.029 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

Tgt Ion:240 Resp: 813127
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 24.9 20.7 31.1

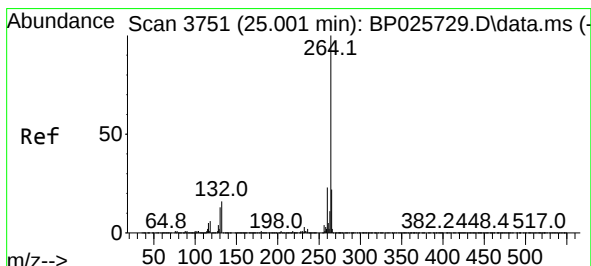
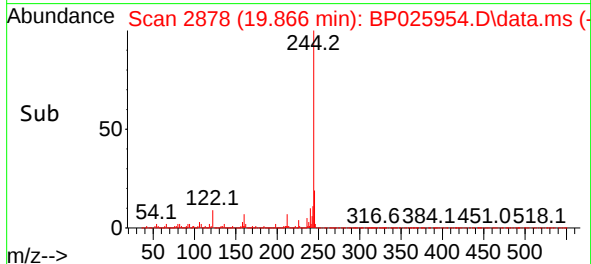
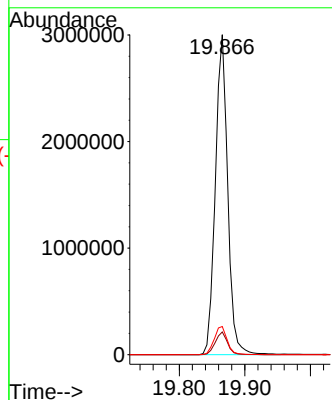
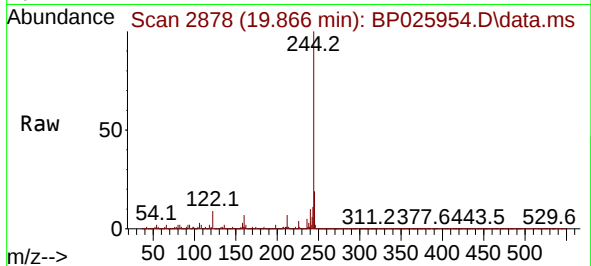




#79
Terphenyl-d14
Concen: 86.980 ng
RT: 19.866 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

Instrument :
BNA_P
ClientSampleId :
PB169971TB

Tgt Ion:244 Resp: 3922322
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: 24.930 min Scan# 3739
Delta R.T. 0.012 min
Lab File: BP025954.D
Acq: 08 Oct 2025 15:26

Tgt Ion:264 Resp: 869125
Ion Ratio Lower Upper
264 100
260 22.4 18.3 27.5
265 22.8 17.3 25.9

