

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025859.D
 Acq On : 25 Sep 2025 14:42
 Operator : CG/JU
 Sample : PB169801BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169801BL

Quant Time: Sep 25 15:04:48 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)

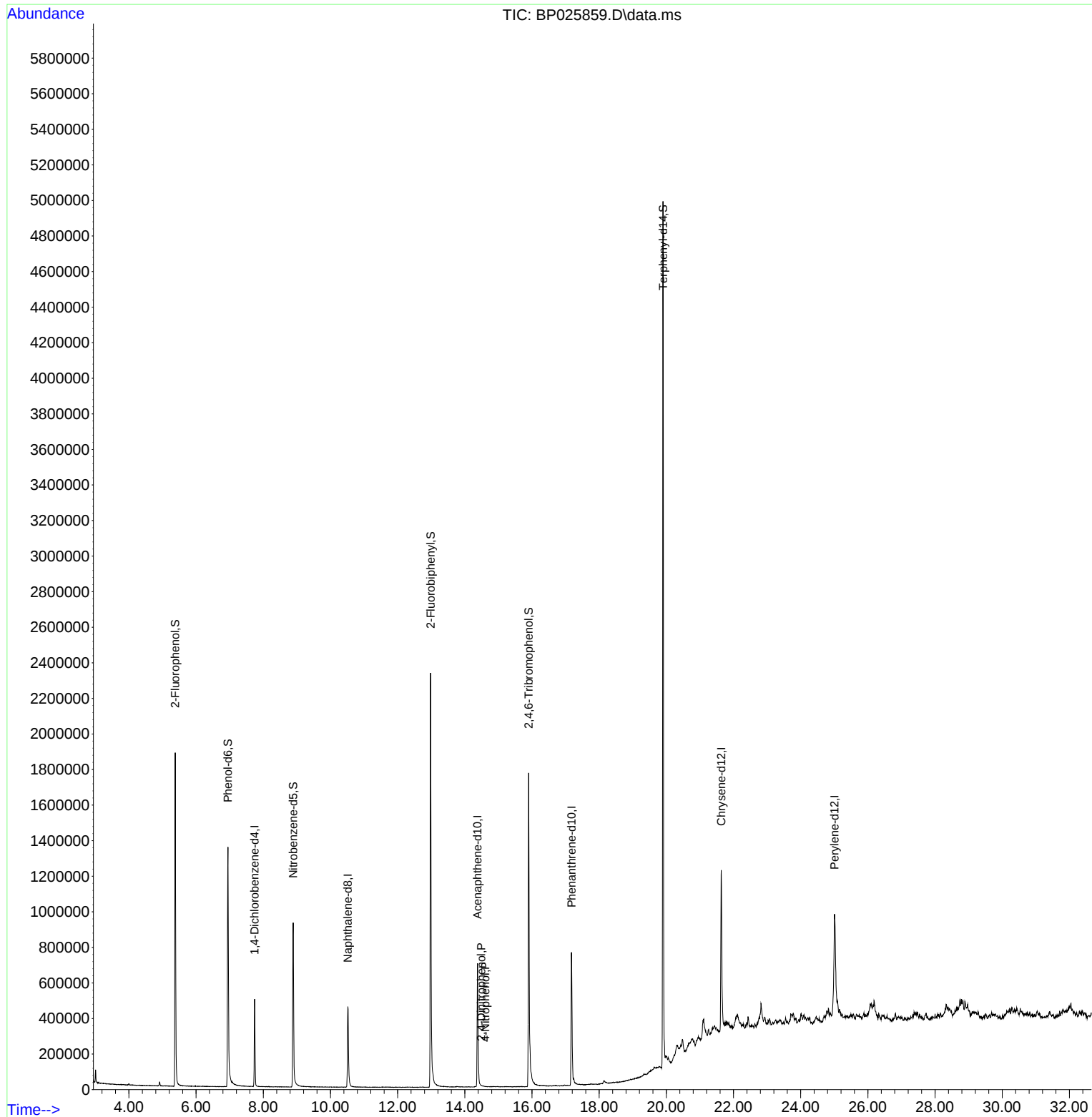
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	134852	20.000	ng	-0.02
21) Naphthalene-d8	10.519	136	504648	20.000	ng	0.00
39) Acenaphthene-d10	14.377	164	325286	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	646320	20.000	ng	0.00
76) Chrysene-d12	21.636	240	763849	20.000	ng	0.00
86) Perylene-d12	25.006	264	849482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	888723	106.339	ng	0.00
7) Phenol-d6	6.948	99	1055467	95.013	ng	0.00
23) Nitrobenzene-d5	8.890	82	677457	59.216	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	491326	121.097	ng	0.00
45) 2-Fluorobiphenyl	12.983	172	1594177	65.255	ng	0.00
79) Terphenyl-d14	19.901	244	2922666	68.833	ng	-0.01
Target Compounds						
54) 2,4-Dinitrophenol	14.489	184	33	4.833	ng	Qvalue 96
56) 4-Nitrophenol	14.613	139	27	4.488	ng	# 1

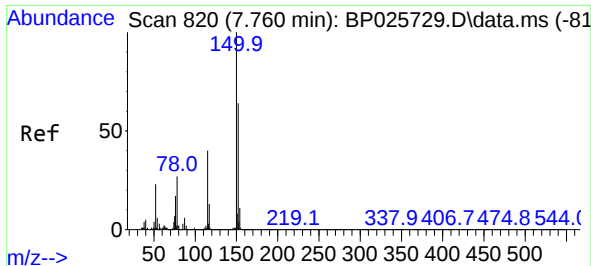
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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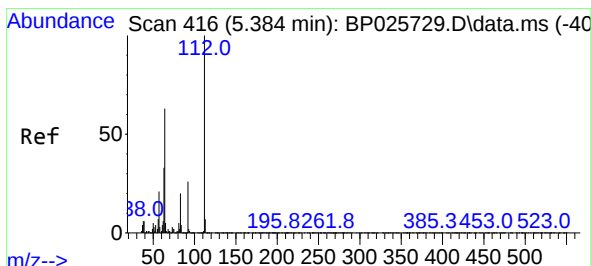
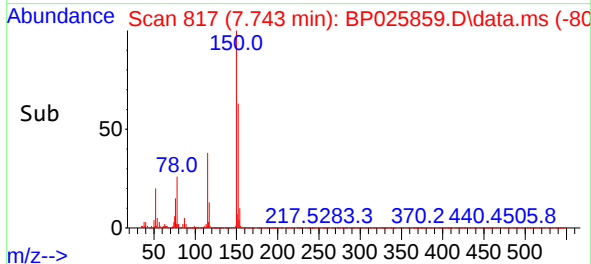
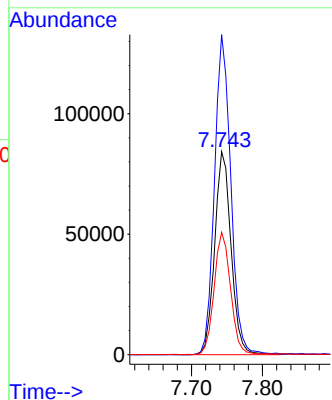
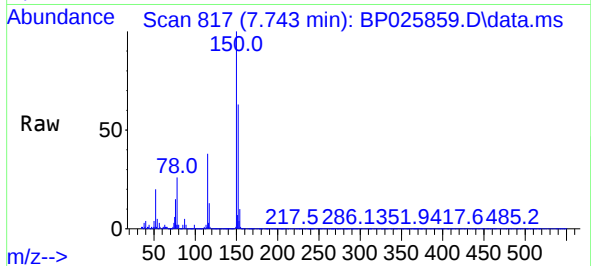




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

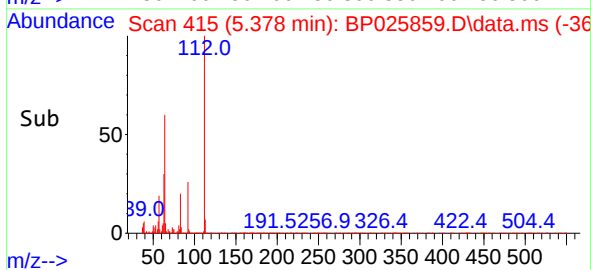
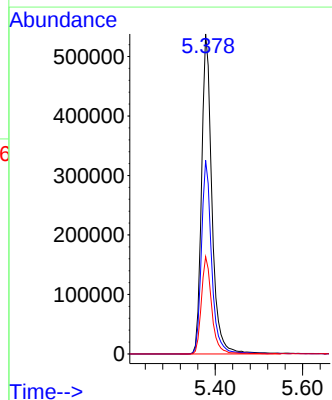
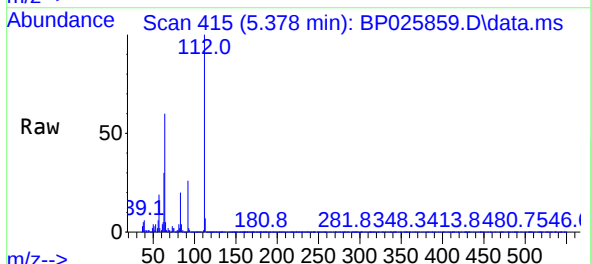
Instrument :
BNA_P
ClientSampleId :
PB169801BL

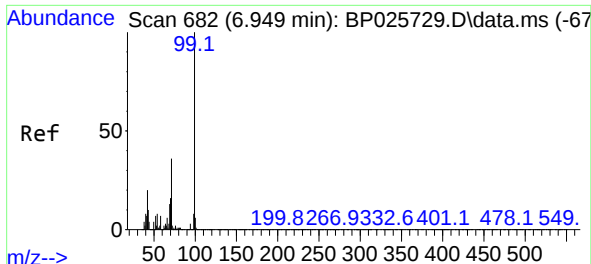
Tgt Ion:152 Resp: 134852
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 60.3 50.3 75.5



#5
2-Fluorophenol
Concen: 106.339 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

Tgt Ion:112 Resp: 888723
Ion Ratio Lower Upper
112 100
64 60.5 50.2 75.4
63 30.4 26.7 40.1

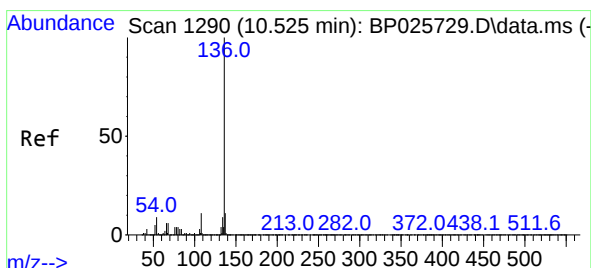
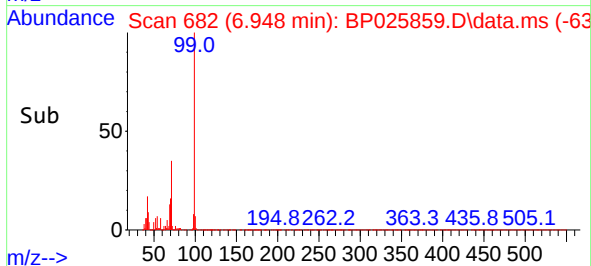
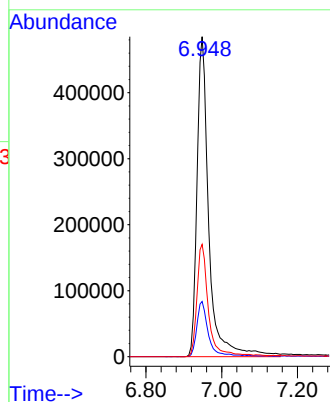
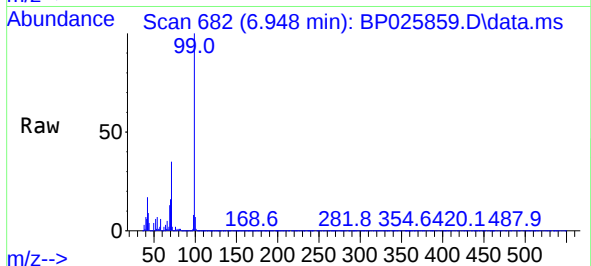




#7
Phenol-d6
Concen: 95.013 ng
RT: 6.948 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

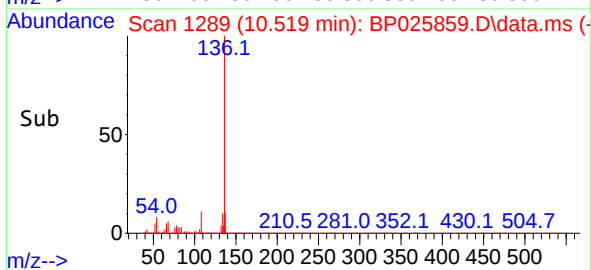
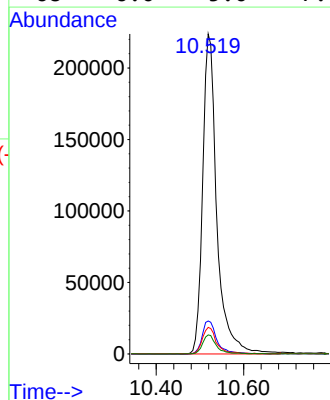
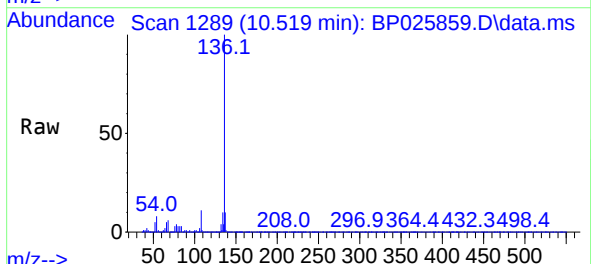
Instrument :
BNA_P
ClientSampleId :
PB169801BL

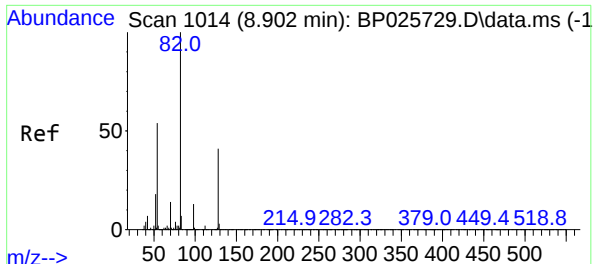
Tgt Ion: 99 Resp: 1055467
Ion Ratio Lower Upper
99 100
42 17.2 15.6 23.4
71 35.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

Tgt Ion: 136 Resp: 504648
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 8.3 7.5 11.3
68 6.0 5.0 7.6

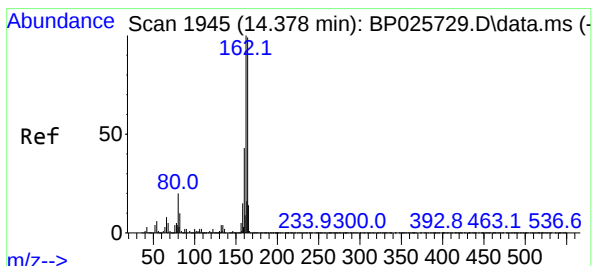
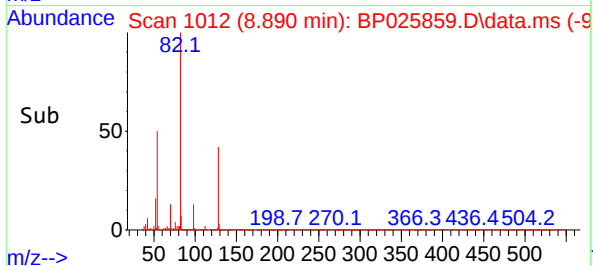
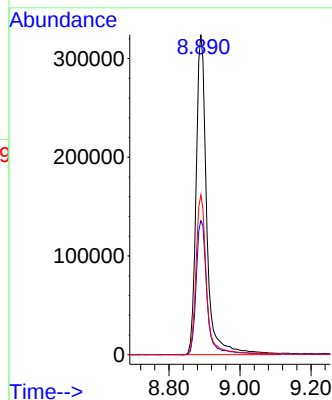
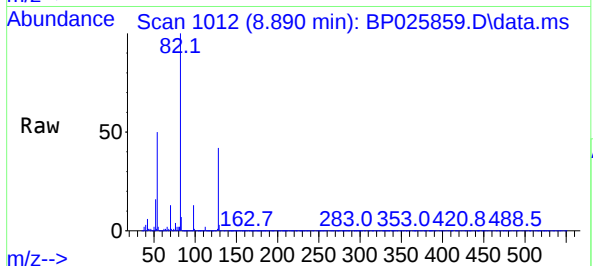




#23
Nitrobenzene-d5
Concen: 59.216 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

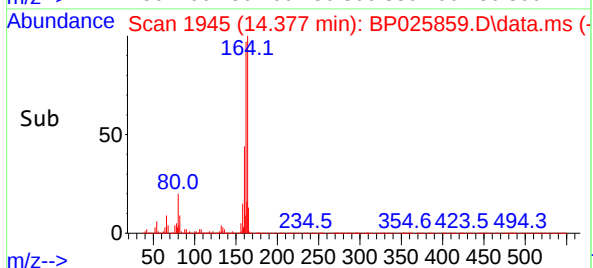
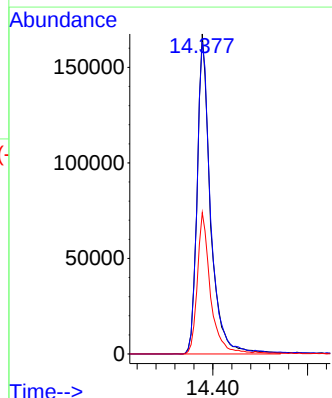
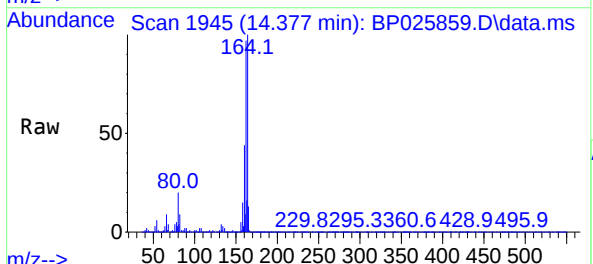
Instrument :
BNA_P
ClientSampleId :
PB169801BL

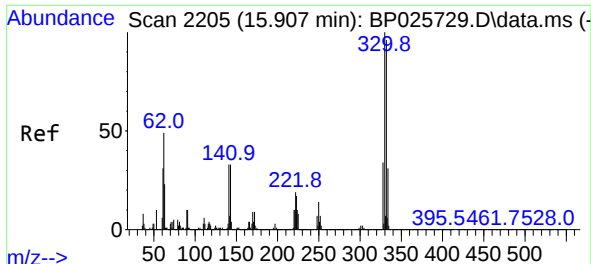
Tgt Ion: 82 Resp: 677457
Ion Ratio Lower Upper
82 100
128 41.9 32.9 49.3
54 49.8 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.377 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

Tgt Ion: 164 Resp: 325286
Ion Ratio Lower Upper
164 100
162 97.5 80.6 120.8
160 44.1 35.0 52.6

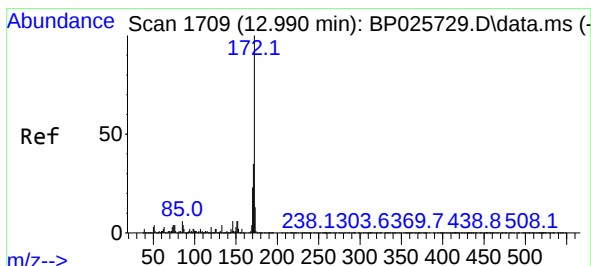
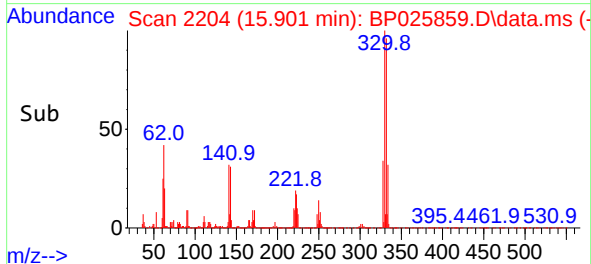
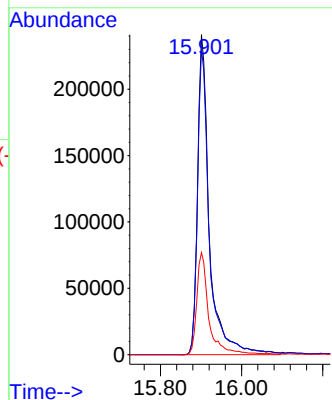
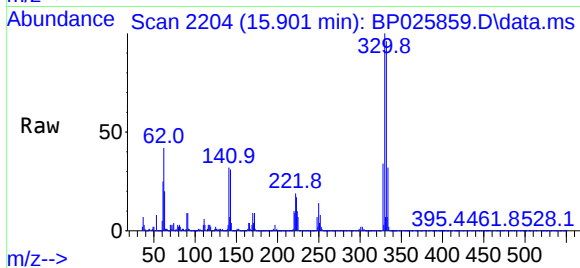




#42
2,4,6-Tribromophenol
Concen: 121.097 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

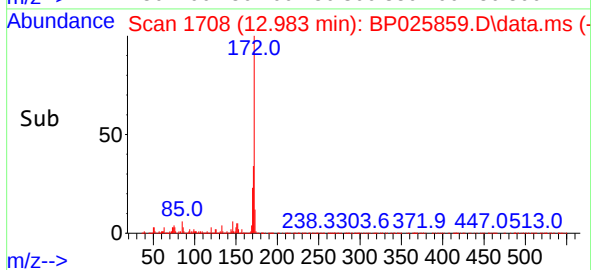
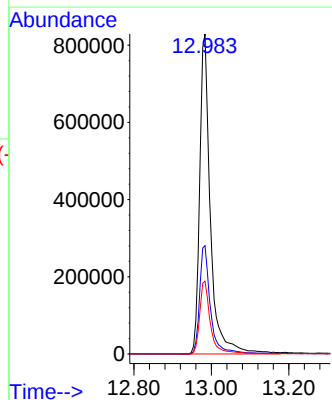
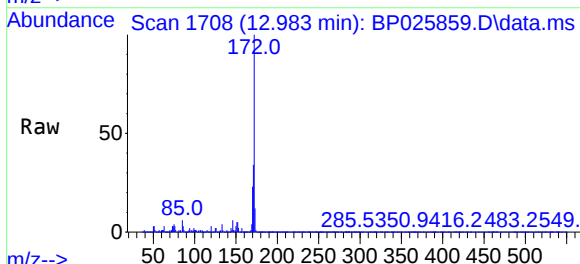
Instrument :
BNA_P
ClientSampleId :
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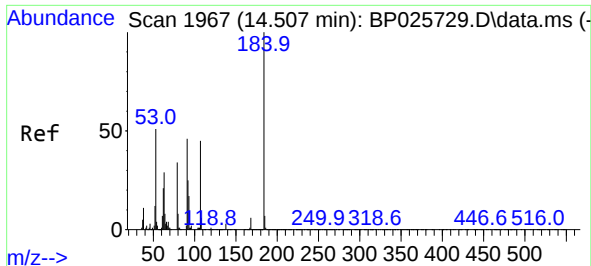
Tgt Ion:330 Resp: 491326
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 32.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 65.255 ng
RT: 12.983 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

Tgt Ion:172 Resp: 1594177
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.6
170 22.8 18.6 27.8

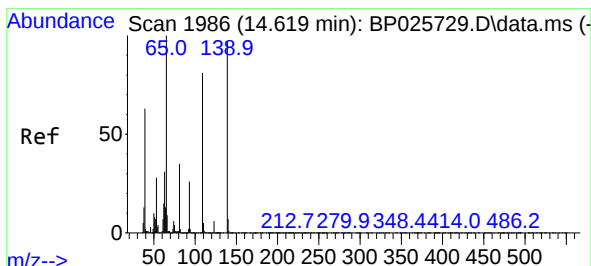
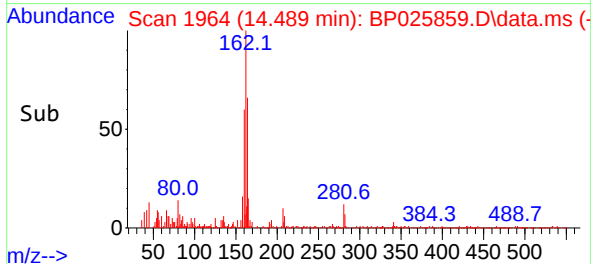
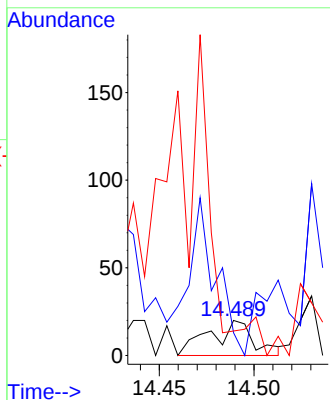
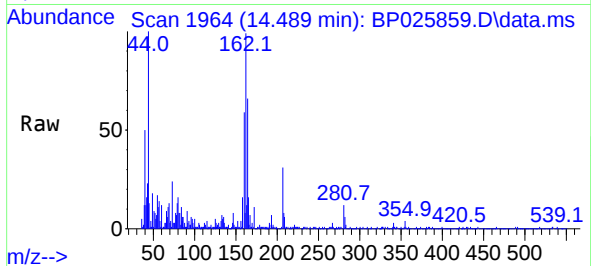




#54
2,4-Dinitrophenol
Concen: 4.833 ng
RT: 14.489 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

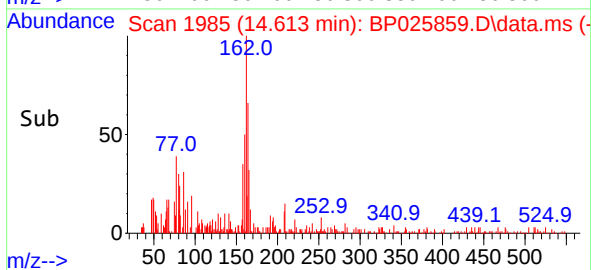
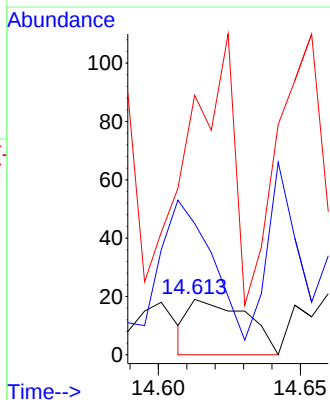
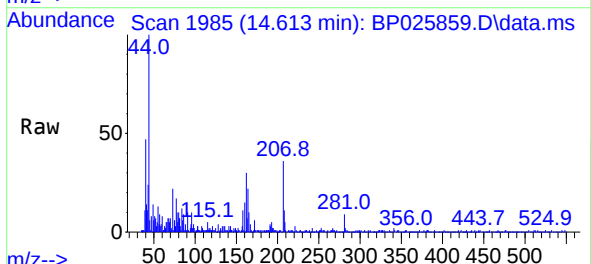
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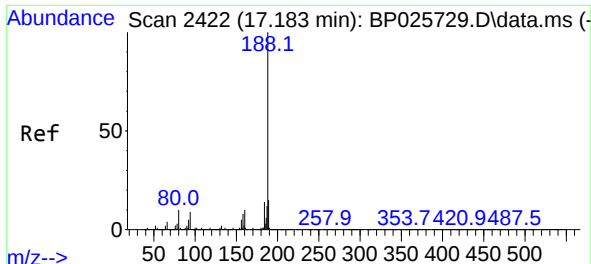
Tgt Ion:184 Resp: 33
Ion Ratio Lower Upper
184 100
63 65.0 52.5 78.7
154 70.0 51.5 77.3



#56
4-Nitrophenol
Concen: 4.488 ng
RT: 14.613 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

Tgt Ion:139 Resp: 27
Ion Ratio Lower Upper
139 100
109 236.8 62.9 102.9#
65 468.4 83.4 123.4#

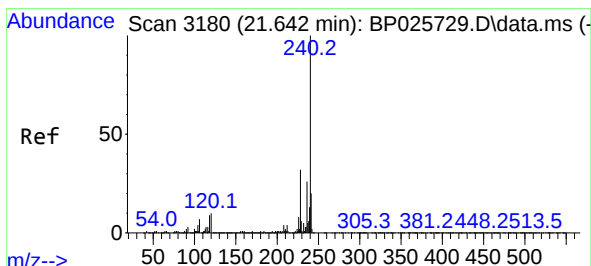
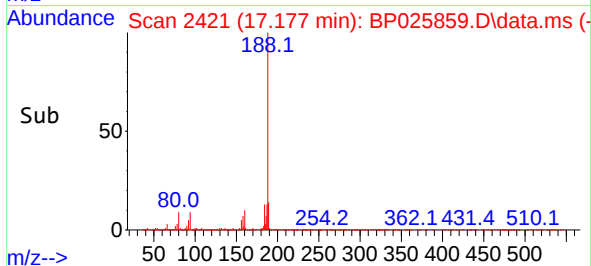
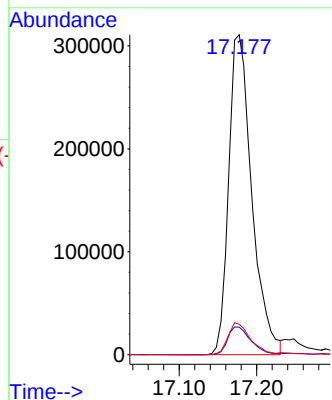
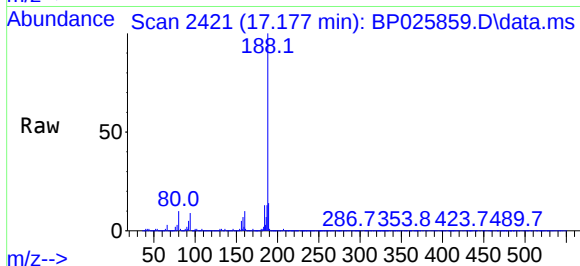




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

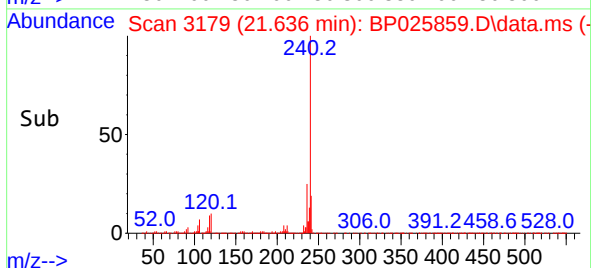
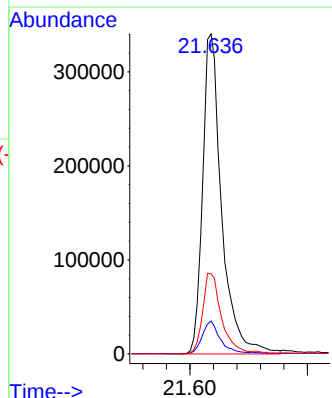
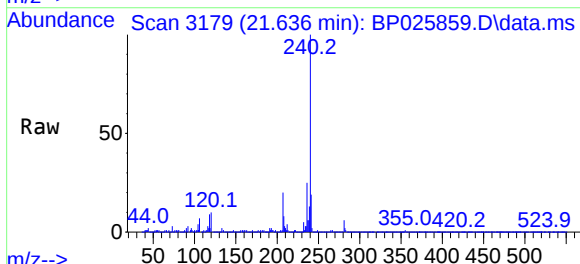
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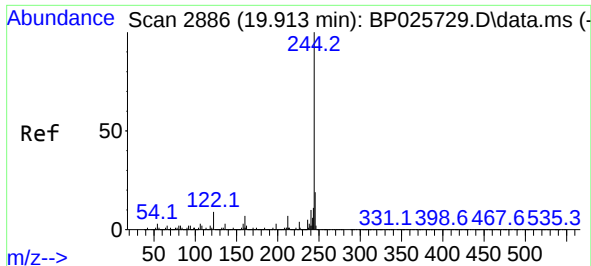
Tgt Ion:188 Resp: 646320
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025859.D
Acq: 25 Sep 2025 14:42

Tgt Ion:240 Resp: 763849
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.0 20.7 31.1

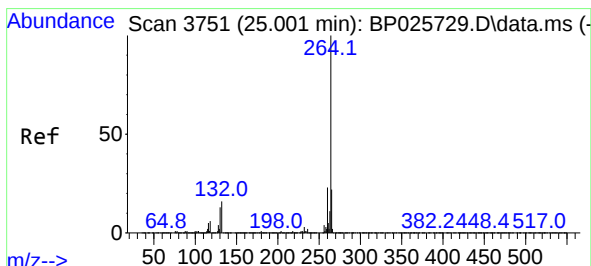
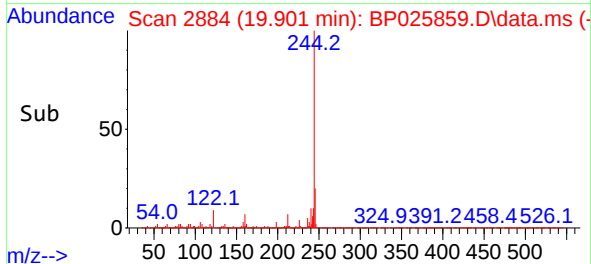
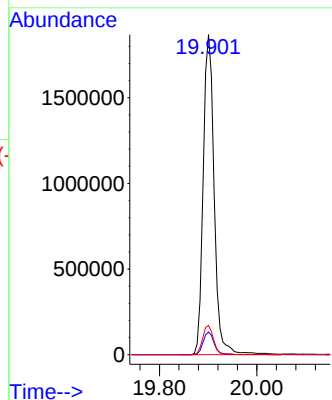
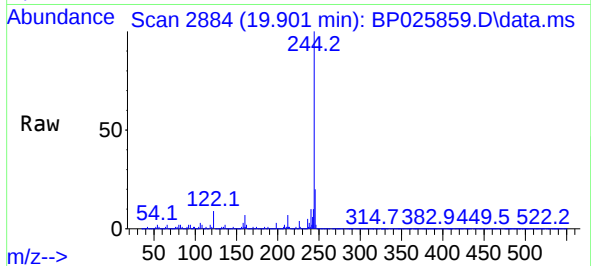




#79
 Terphenyl-d14
 Concen: 68.833 ng
 RT: 19.901 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025859.D
 Acq: 25 Sep 2025 14:42

Instrument :
 BNA_P
 ClientSampleId :
 PB169801BL

Tgt Ion:244 Resp: 2922666
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3752
 Delta R.T. 0.006 min
 Lab File: BP025859.D
 Acq: 25 Sep 2025 14:42

Tgt Ion:264 Resp: 849482
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 23.0 17.3 25.9

