

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
 Data File : BP025896.D
 Acq On : 30 Sep 2025 18:11
 Operator : CG/JU
 Sample : PB169893BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169893BL

Quant Time: Sep 30 18:34:03 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)

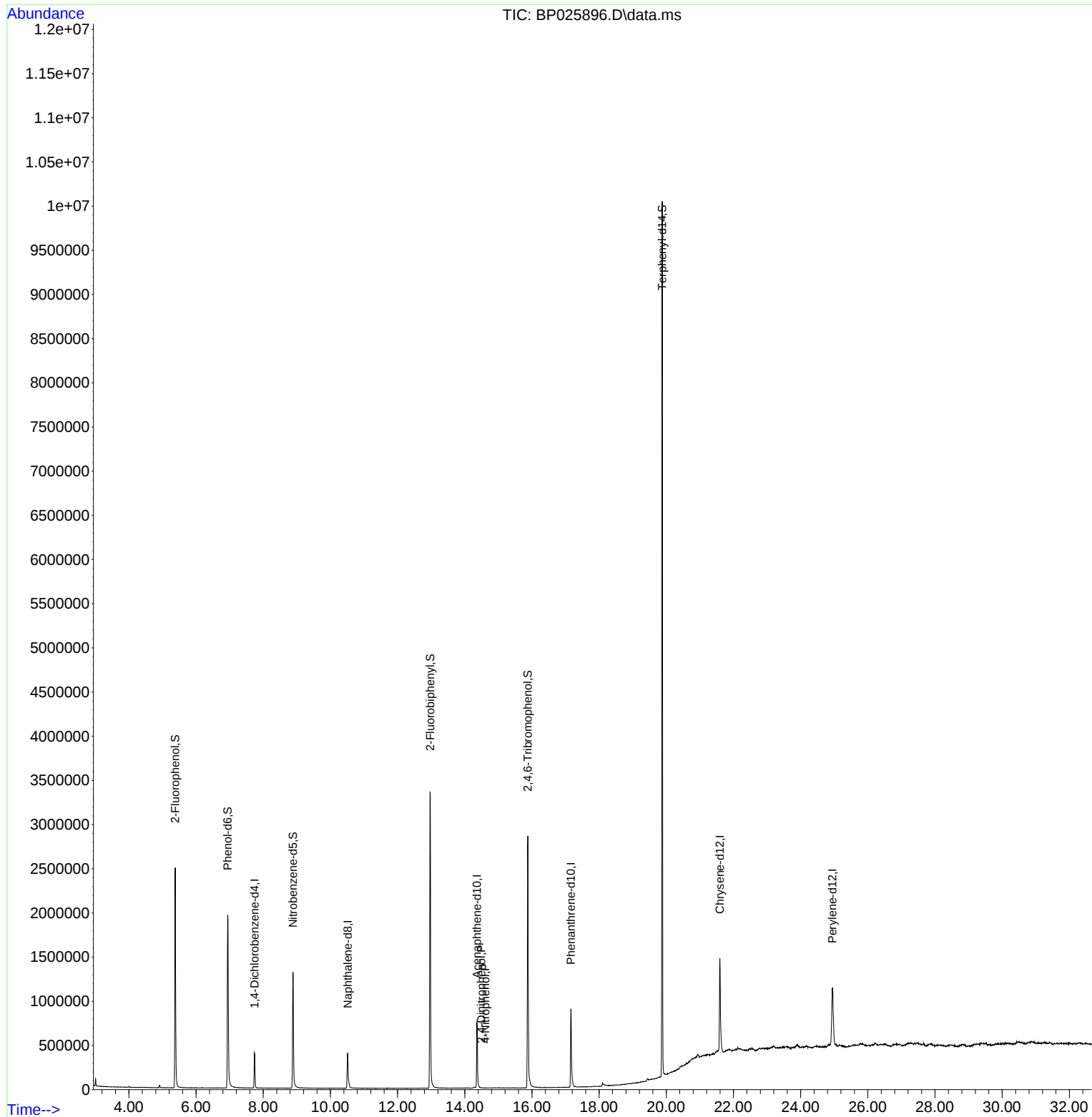
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	116852	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	452143	20.000	ng	-0.01
39) Acenaphthene-d10	14.360	164	318681	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	703930	20.000	ng	-0.02
76) Chrysene-d12	21.595	240	839334	20.000	ng	-0.05
86) Perylene-d12	24.942	264	911875	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1178203	162.692	ng	0.00
7) Phenol-d6	6.943	99	1463637	152.053	ng	0.00
23) Nitrobenzene-d5	8.884	82	904441	88.237	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	742958	186.912	ng	-0.03
45) 2-Fluorobiphenyl	12.972	172	2159806	90.241	ng	-0.02
79) Terphenyl-d14	19.878	244	4540664	97.322	ng	-0.04
Target Compounds						
54) 2,4-Dinitrophenol	14.490	184	26	4.832	ng	# 1
56) 4-Nitrophenol	14.607	139	24	4.487	ng	# 1

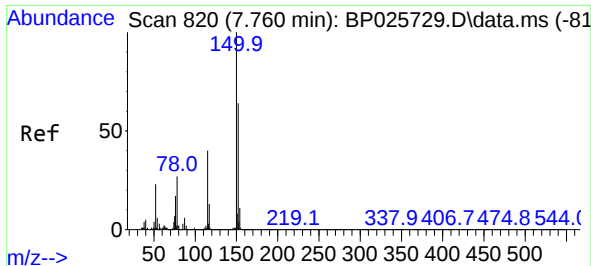
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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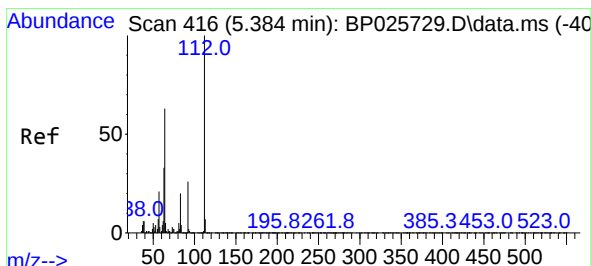
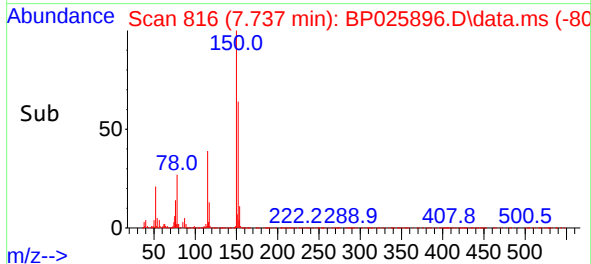
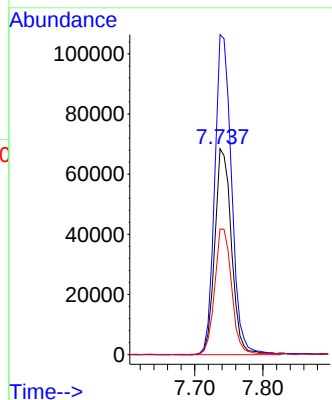
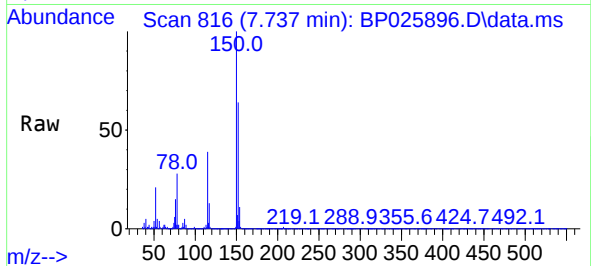




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

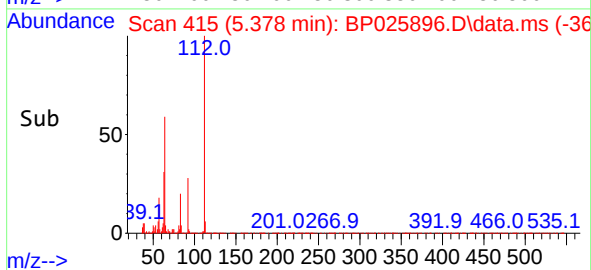
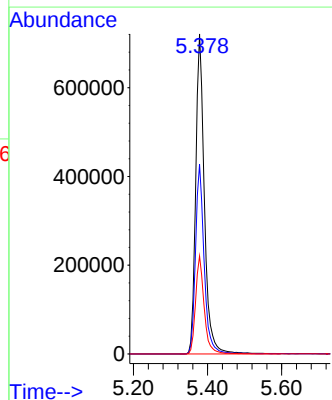
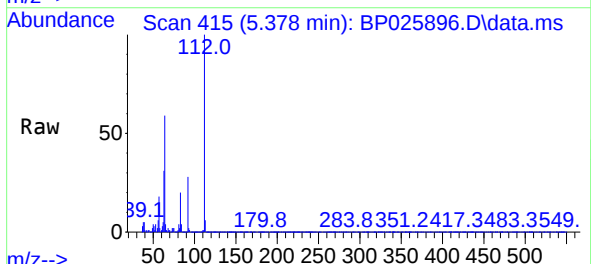
Instrument :
BNA_P
ClientSampleId :
PB169893BL

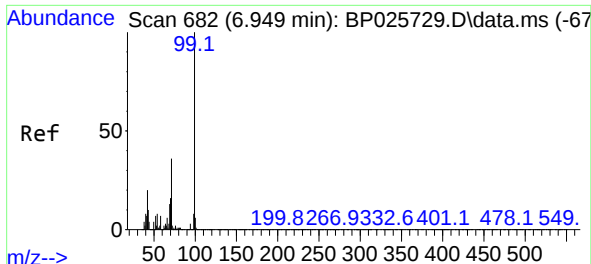
Tgt Ion:152 Resp: 116852
Ion Ratio Lower Upper
152 100
150 155.4 124.3 186.5
115 61.1 50.3 75.5



#5
2-Fluorophenol
Concen: 162.692 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

Tgt Ion:112 Resp: 1178203
Ion Ratio Lower Upper
112 100
64 59.2 50.2 75.4
63 30.6 26.7 40.1

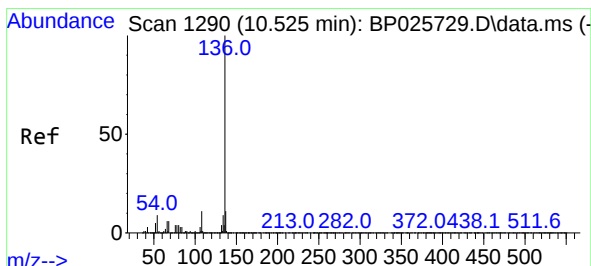
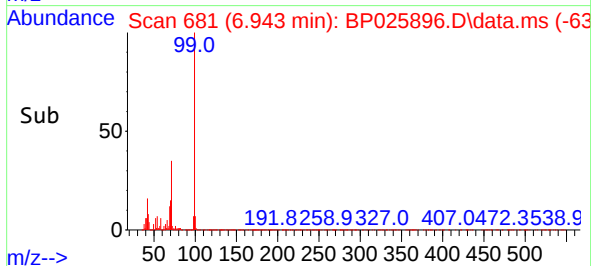
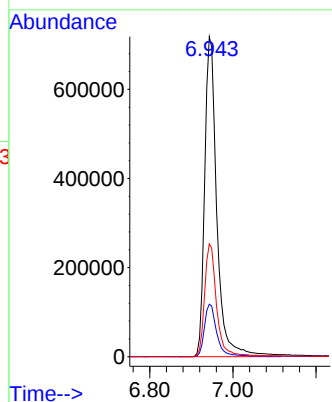
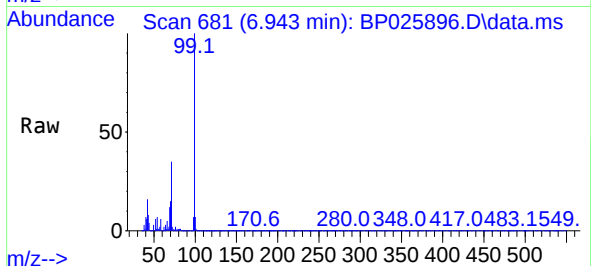




#7
Phenol-d6
Concen: 152.053 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

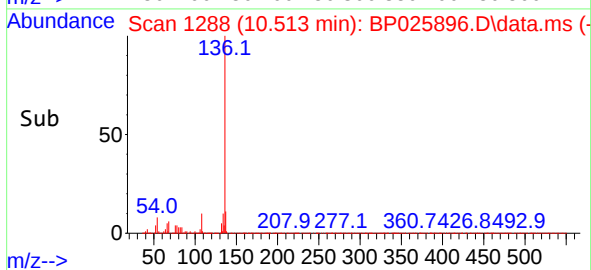
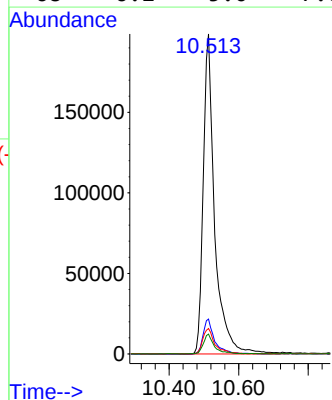
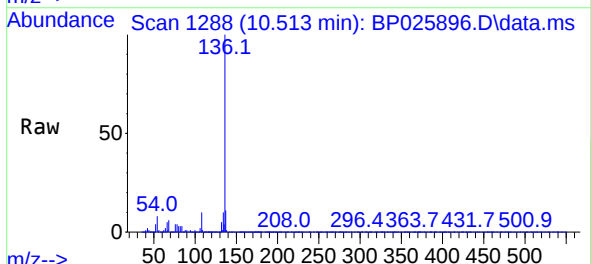
Instrument :
BNA_P
ClientSampleId :
PB169893BL

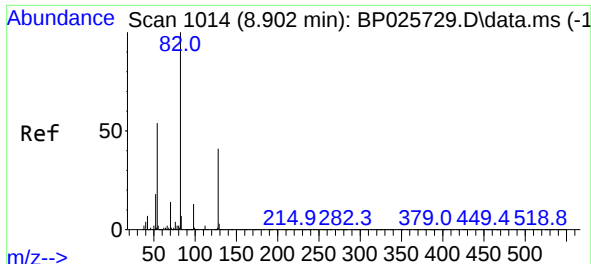
Tgt Ion: 99 Resp: 1463637
Ion Ratio Lower Upper
99 100
42 16.4 15.6 23.4
71 35.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

Tgt Ion:136 Resp: 452143
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.0 7.5 11.3
68 6.2 5.0 7.6

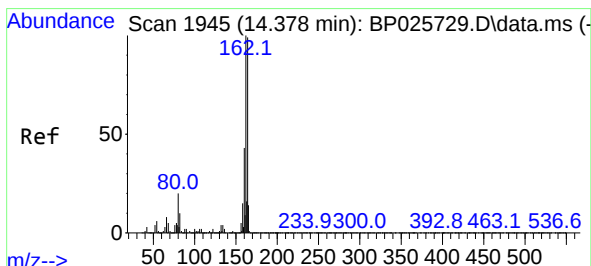
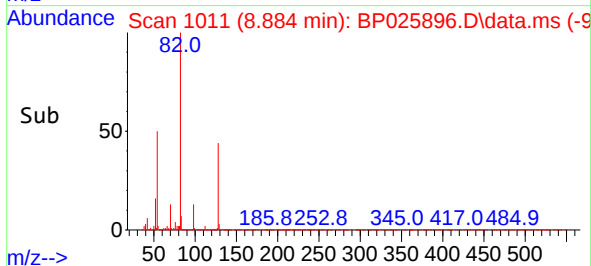
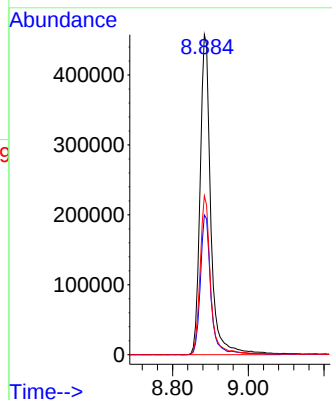
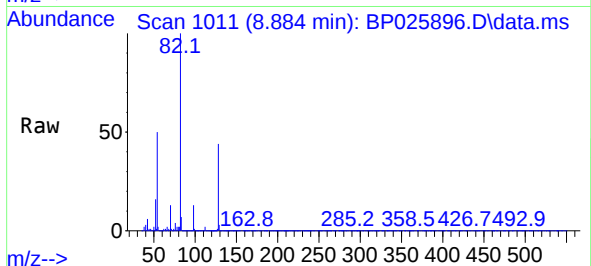




#23
Nitrobenzene-d5
Concen: 88.237 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

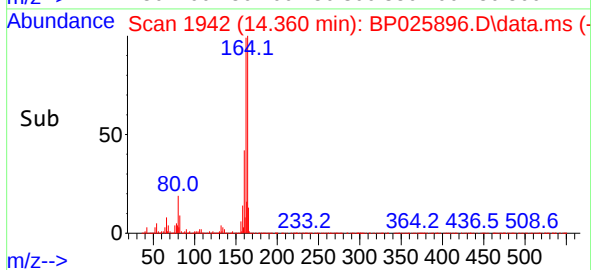
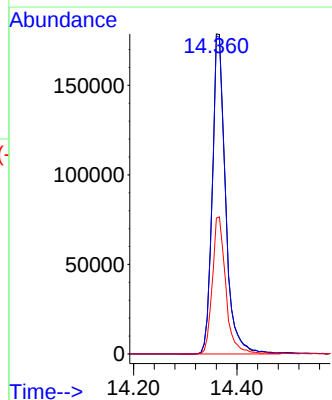
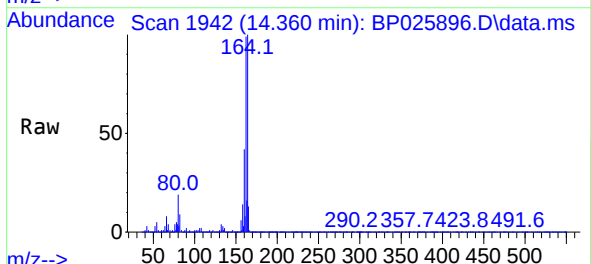
Instrument :
BNA_P
ClientSampleId :
PB169893BL

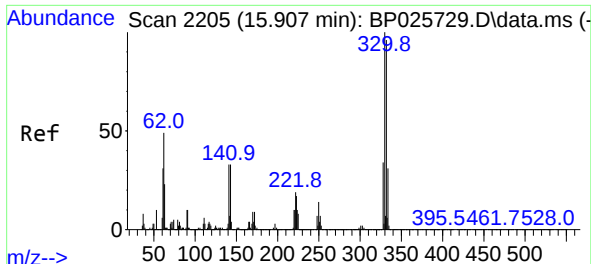
Tgt Ion: 82 Resp: 904441
Ion Ratio Lower Upper
82 100
128 43.7 32.9 49.3
54 49.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

Tgt Ion: 164 Resp: 318681
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 42.5 35.0 52.6

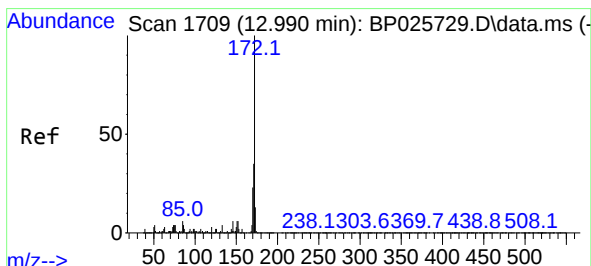
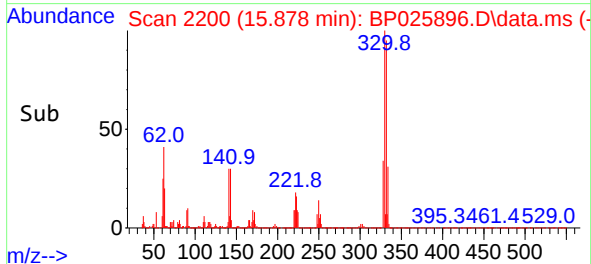
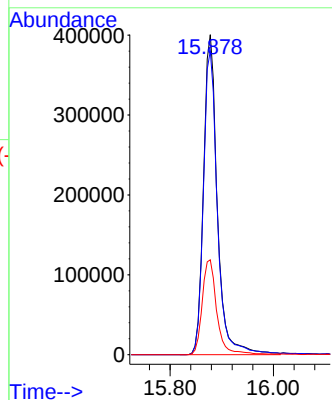
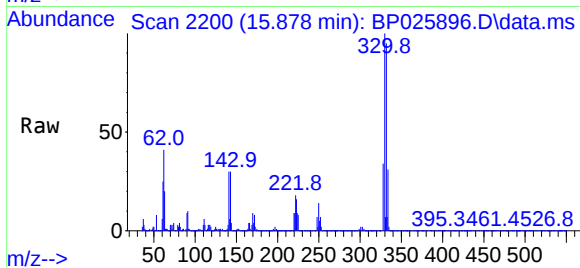




#42
2,4,6-Tribromophenol
Concen: 186.912 ng
RT: 15.878 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

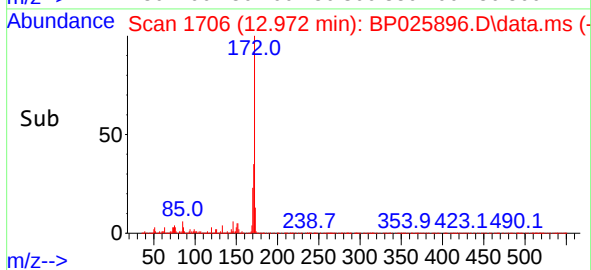
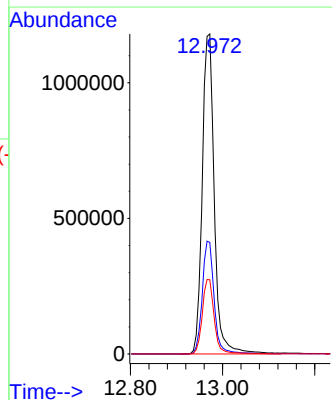
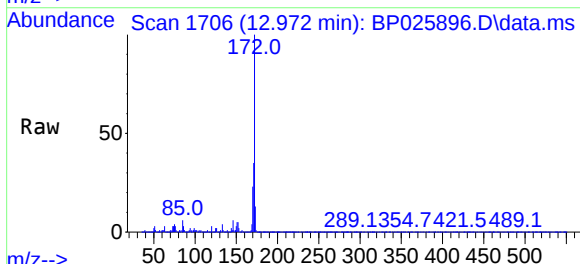
Instrument :
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ClientSampleId :
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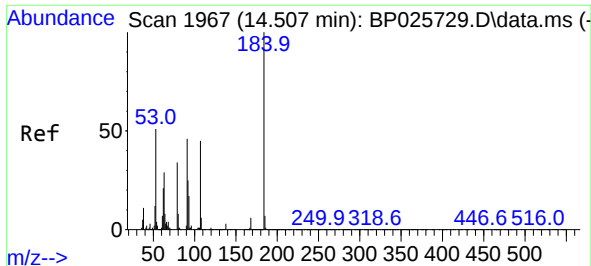
Tgt Ion:330 Resp: 742958
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 31.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 90.241 ng
RT: 12.972 min Scan# 1706
Delta R.T. -0.018 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

Tgt Ion:172 Resp: 2159806
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.2 18.6 27.8

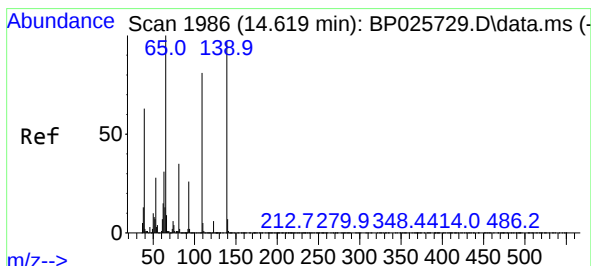
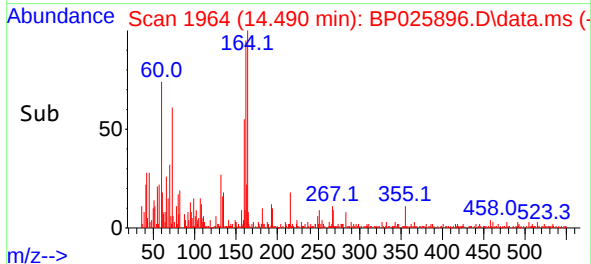
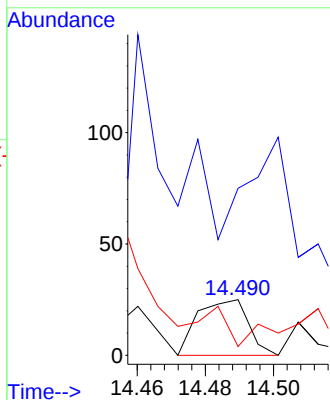
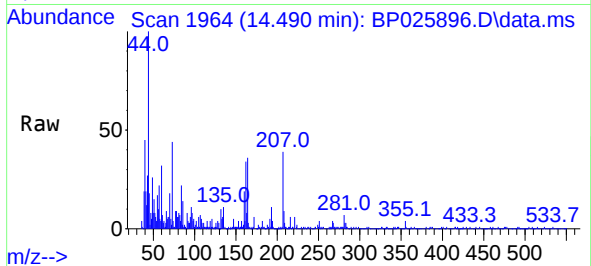




#54
2,4-Dinitrophenol
Concen: 4.832 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.017 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

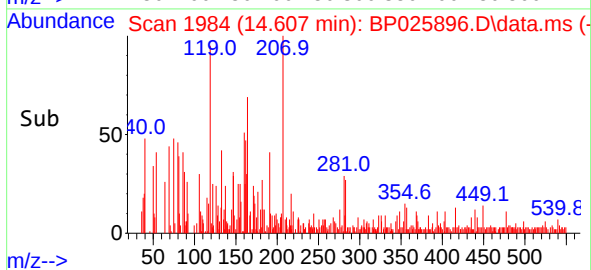
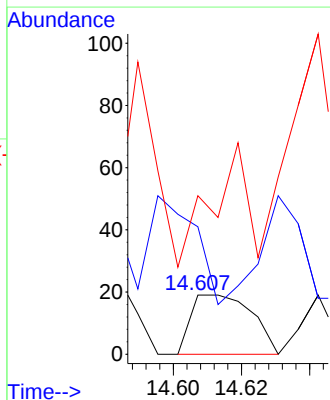
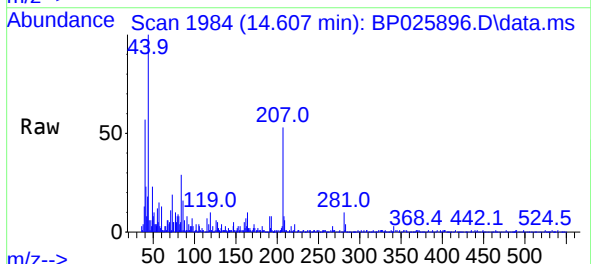
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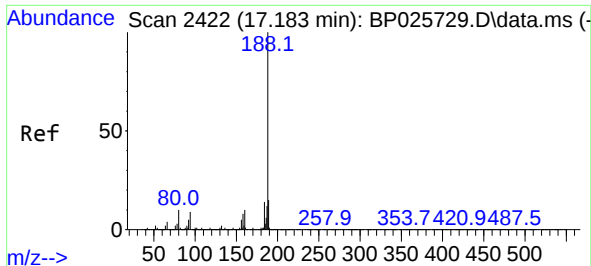
Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 227.3 52.5 78.7#
154 12.1 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.487 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

Tgt Ion:139 Resp: 24
Ion Ratio Lower Upper
139 100
109 215.8 62.9 102.9#
65 268.4 83.4 123.4#

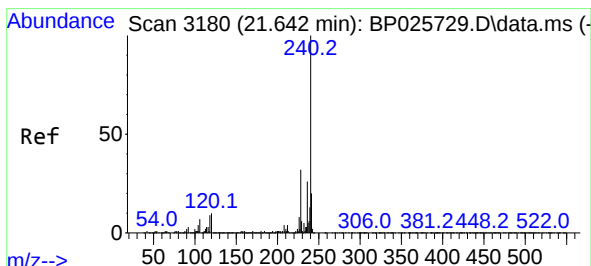
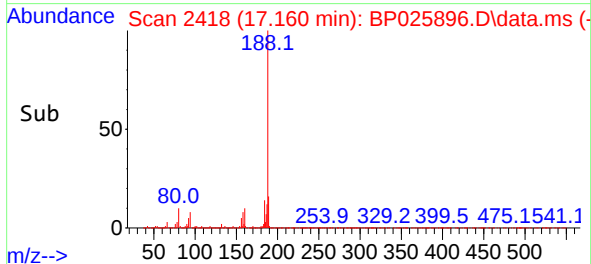
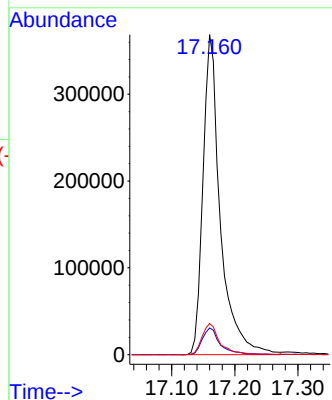
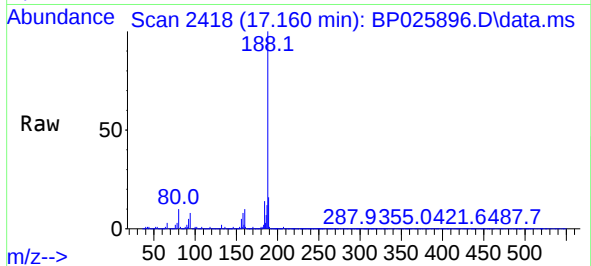




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.023 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

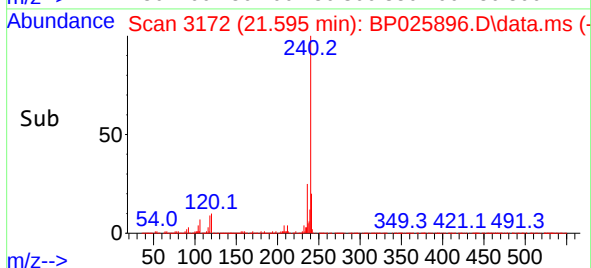
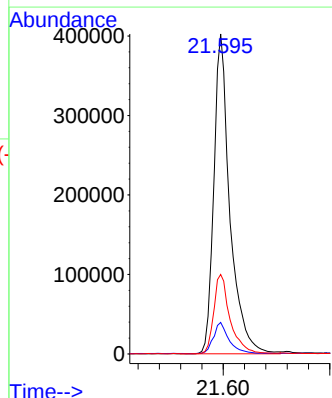
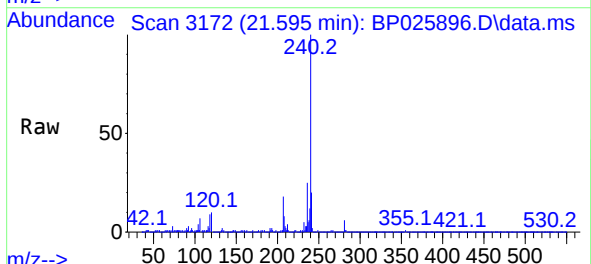
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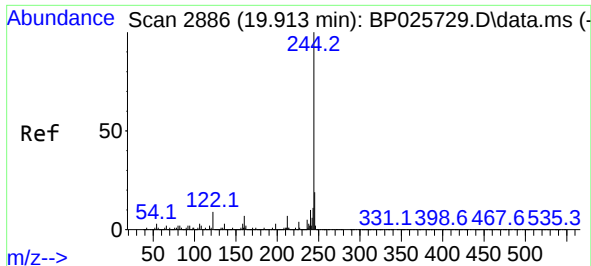
Tgt Ion:188 Resp: 703930
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.047 min
Lab File: BP025896.D
Acq: 30 Sep 2025 18:11

Tgt Ion:240 Resp: 839334
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 24.8 20.7 31.1

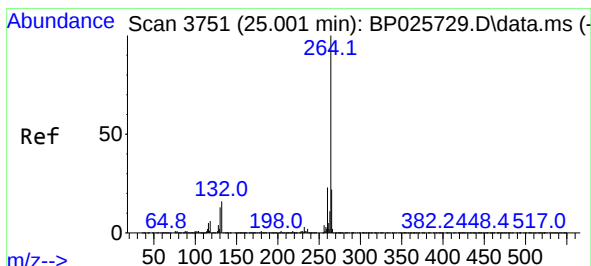
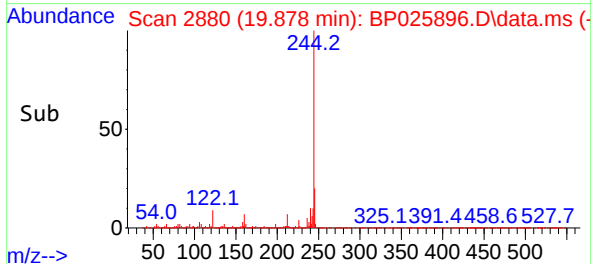
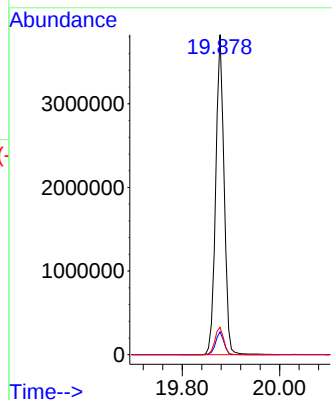
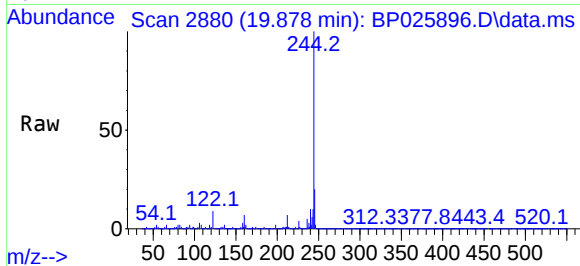




#79
 Terphenyl-d14
 Concen: 97.322 ng
 RT: 19.878 min Scan# 2886
 Delta R.T. -0.035 min
 Lab File: BP025896.D
 Acq: 30 Sep 2025 18:11

Instrument :
 BNA_P
 ClientSampleId :
 PB169893BL

Tgt Ion:244 Resp: 4540664
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.6 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: BP025896.D
 Acq: 30 Sep 2025 18:11

Tgt Ion:264 Resp: 911875
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 22.6 17.3 25.9

