

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025858.D
 Acq On : 25 Sep 2025 14:01
 Operator : CG/JU
 Sample : PB169791TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169791TB

Quant Time: Sep 25 14:25:48 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)

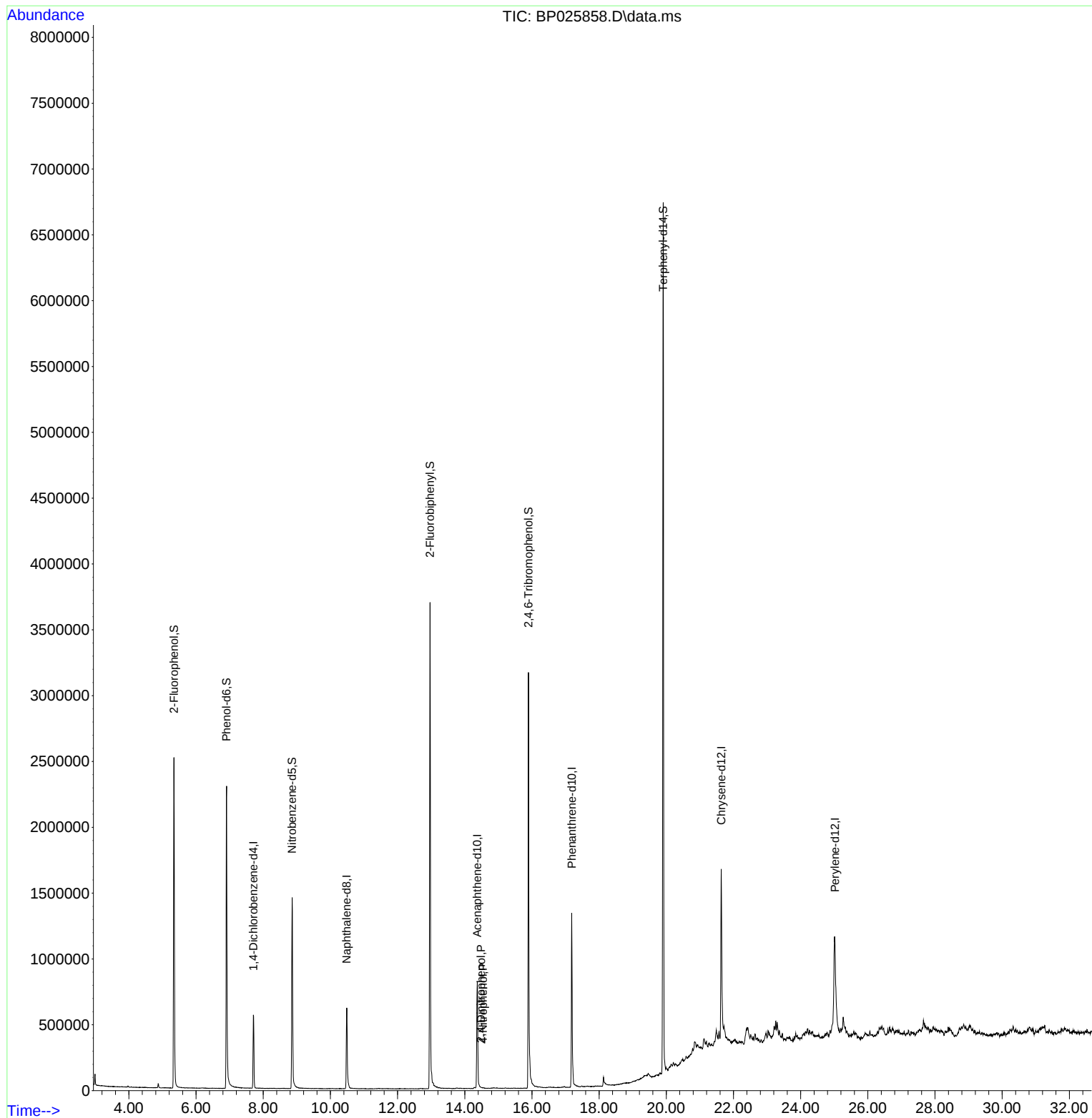
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	175280	20.000	ng	-0.05
21) Naphthalene-d8	10.484	136	658705	20.000	ng	-0.04
39) Acenaphthene-d10	14.372	164	427489	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	898551	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1019790	20.000	ng	0.00
86) Perylene-d12	25.018	264	1141894	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	1293988	119.119	ng	-0.04
7) Phenol-d6	6.907	99	1548707	107.259	ng	-0.04
23) Nitrobenzene-d5	8.860	82	988635	66.205	ng	-0.04
42) 2,4,6-Tribromophenol	15.895	330	725091	135.987	ng	-0.01
45) 2-Fluorobiphenyl	12.966	172	2249392	70.062	ng	-0.02
79) Terphenyl-d14	19.907	244	4187946	73.879	ng	0.00
Target Compounds						
54) 2,4-Dinitrophenol	14.484	184	39	4.833	ng	Qvalue # 9
56) 4-Nitrophenol	14.536	139	129	4.502	ng	83

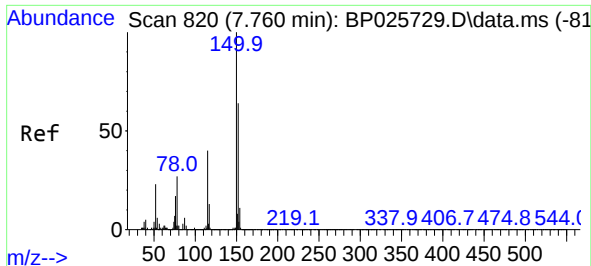
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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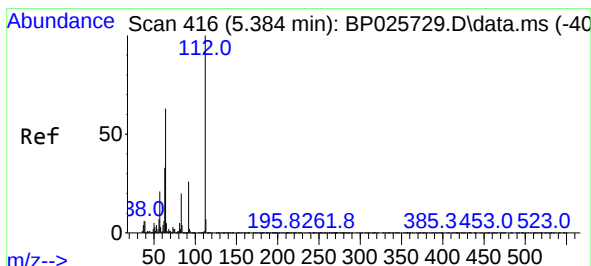
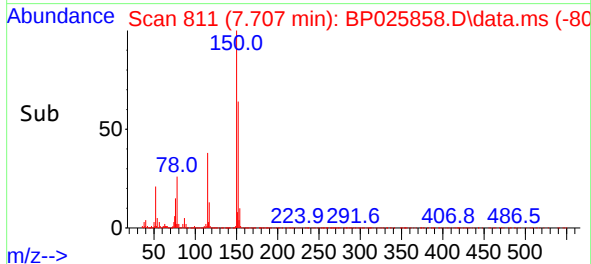
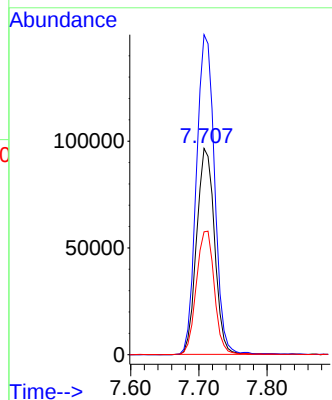
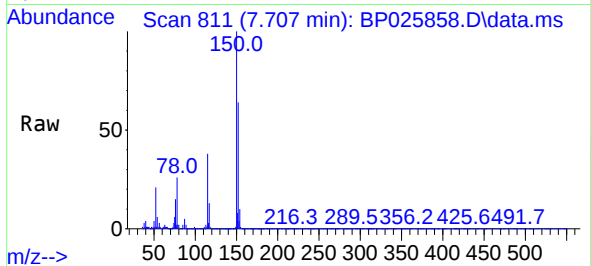




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.707 min Scan# 81
Delta R.T. -0.053 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

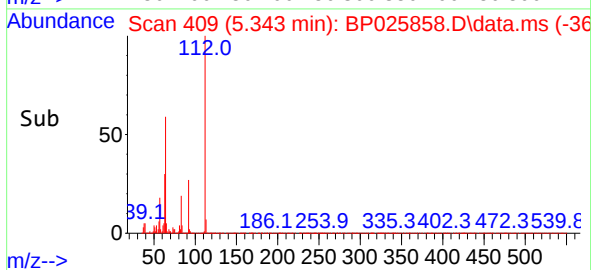
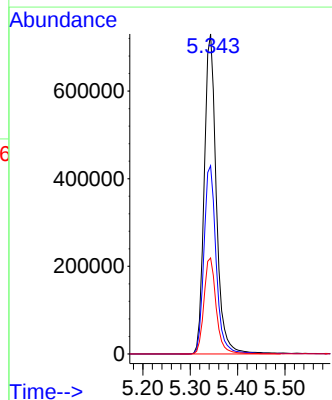
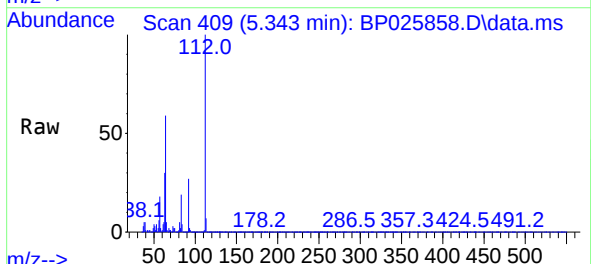
Instrument :
BNA_P
ClientSampleId :
PB169791TB

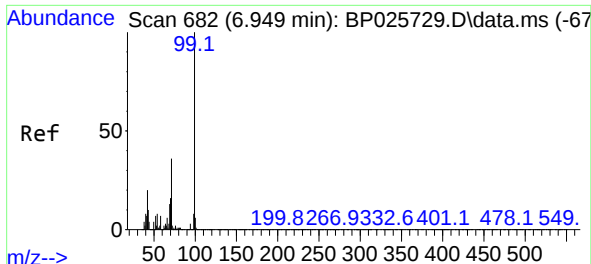
Tgt Ion:152 Resp: 175280
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 59.6 50.3 75.5



#5
2-Fluorophenol
Concen: 119.119 ng
RT: 5.343 min Scan# 409
Delta R.T. -0.041 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

Tgt Ion:112 Resp: 1293988
Ion Ratio Lower Upper
112 100
64 58.8 50.2 75.4
63 30.0 26.7 40.1



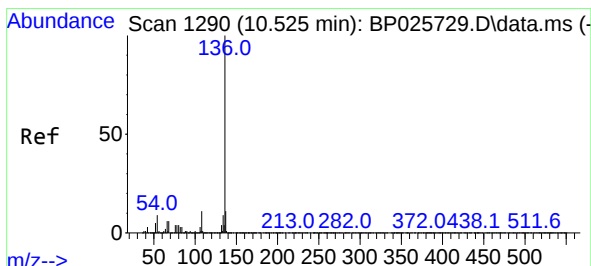
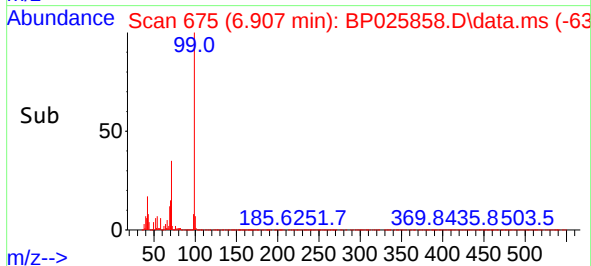
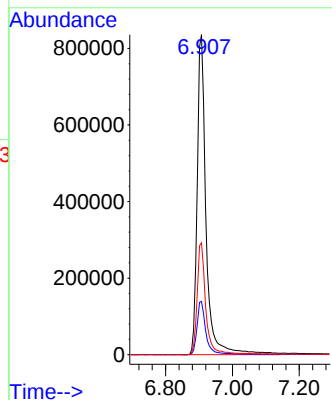
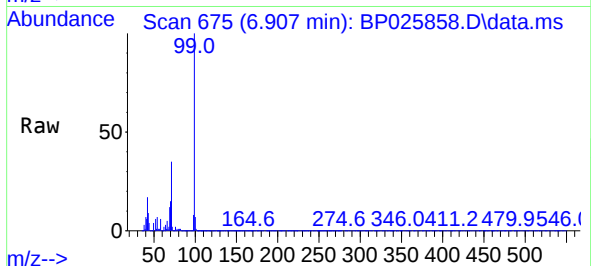


#7
Phenol-d6
Concen: 107.259 ng
RT: 6.907 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

Instrument :
BNA_P
ClientSampleId :
PB169791TB

Tgt Ion: 99 Resp: 1548707

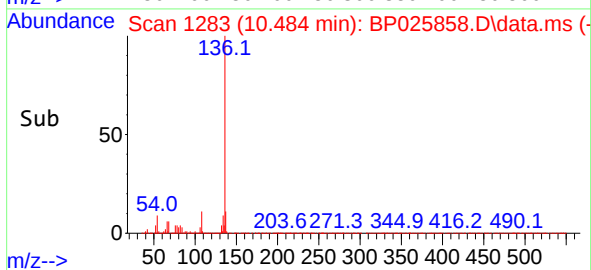
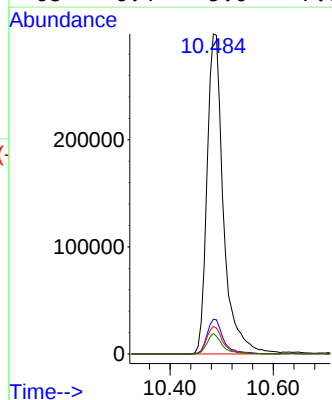
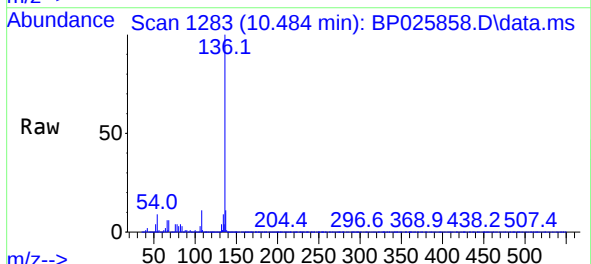
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.6	23.4
71	34.9	28.6	43.0

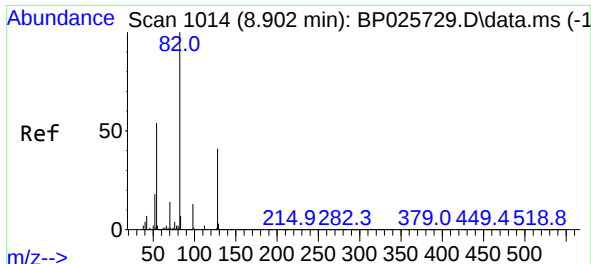


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.484 min Scan# 1283
Delta R.T. -0.041 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

Tgt Ion: 136 Resp: 658705

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.6	7.5	11.3
68	6.4	5.0	7.6

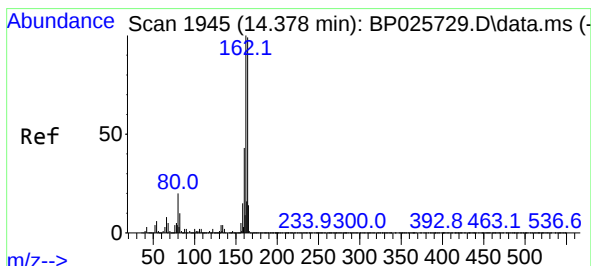
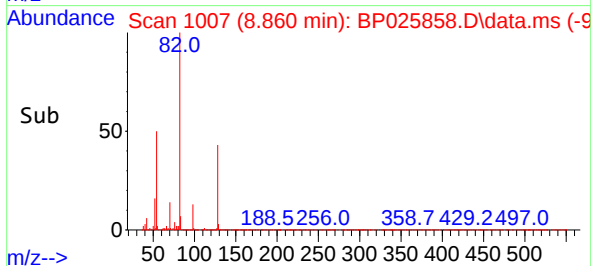
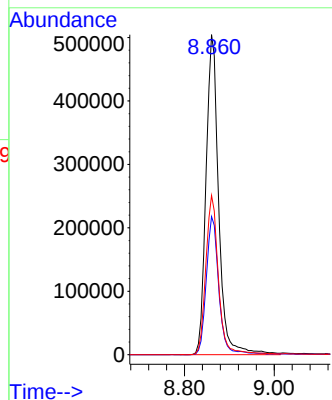
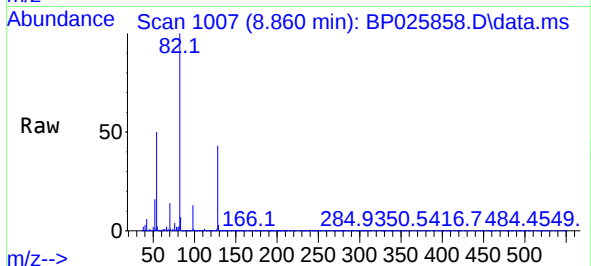




#23
Nitrobenzene-d5
Concen: 66.205 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.041 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

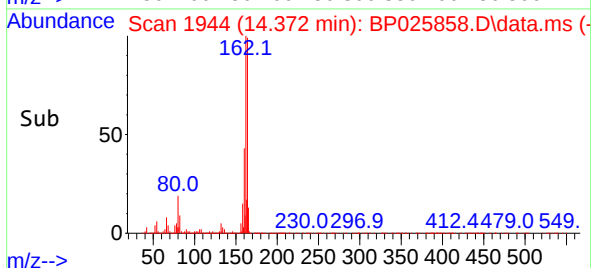
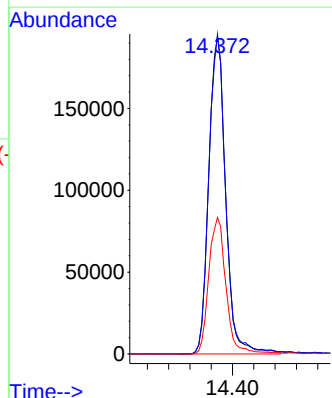
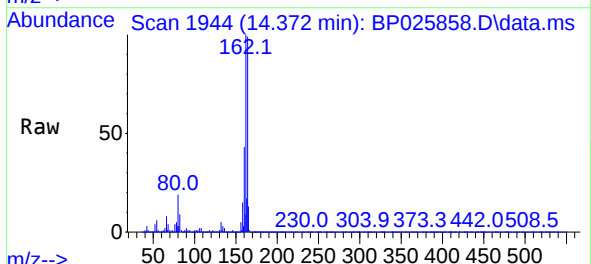
Instrument :
BNA_P
ClientSampleId :
PB169791TB

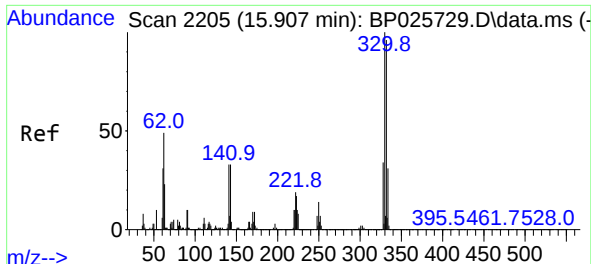
Tgt Ion: 82 Resp: 988635
Ion Ratio Lower Upper
82 100
128 43.1 32.9 49.3
54 49.8 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

Tgt Ion: 164 Resp: 427489
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 43.0 35.0 52.6

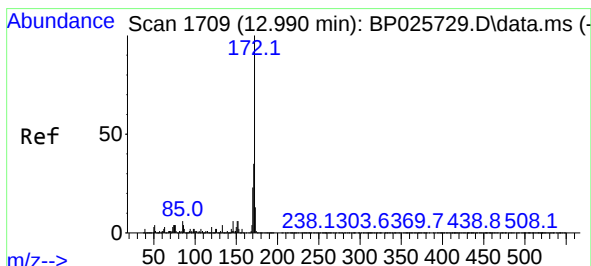
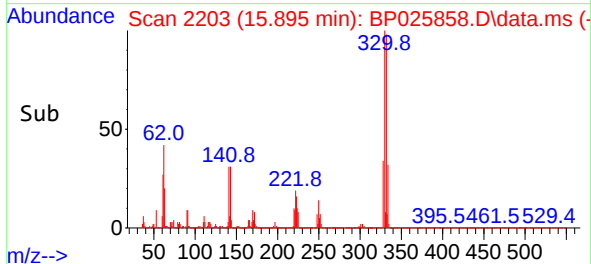
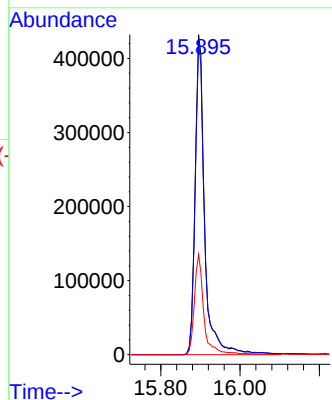
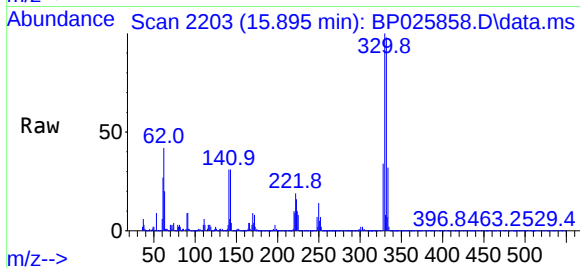




#42
2,4,6-Tribromophenol
Concen: 135.987 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

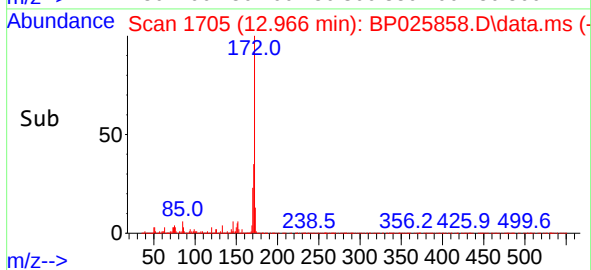
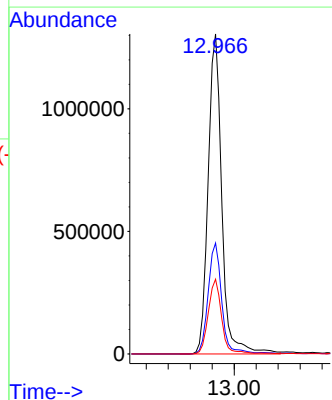
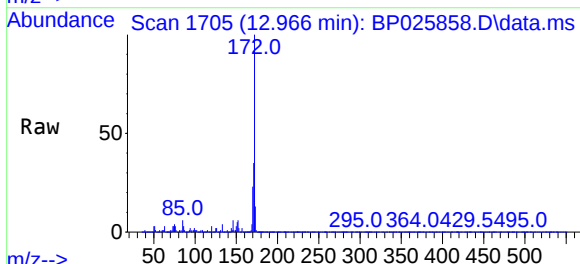
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ClientSampleId :
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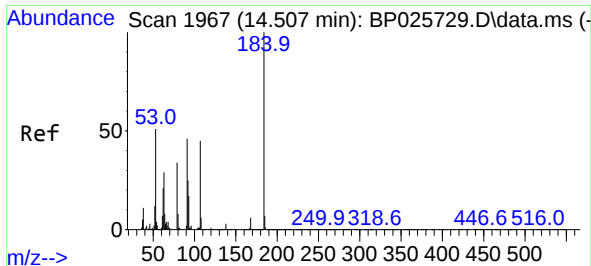
Tgt Ion:330 Resp: 725091
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 30.9 31.0 46.4#



#45
2-Fluorobiphenyl
Concen: 70.062 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

Tgt Ion:172 Resp: 2249392
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 27.8

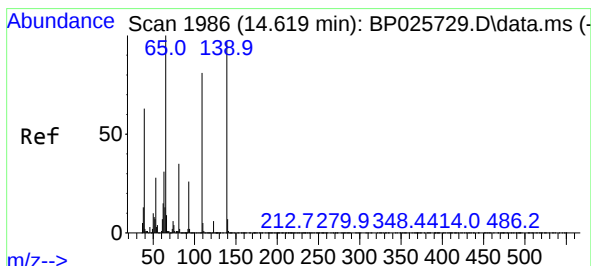
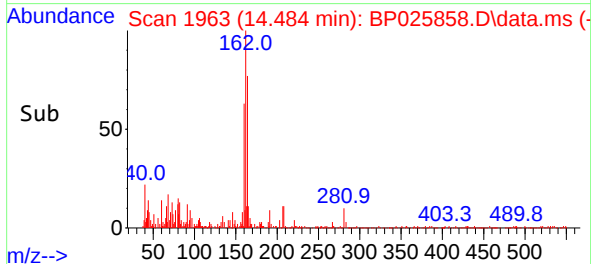
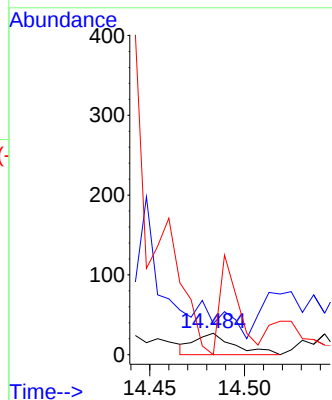
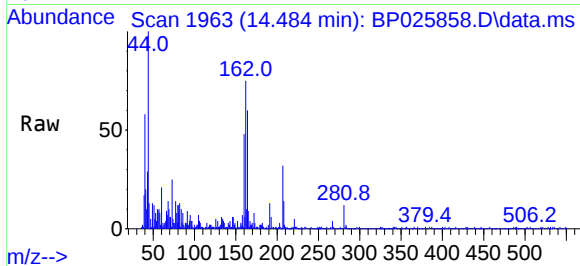




#54
2,4-Dinitrophenol
Concen: 4.833 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.023 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

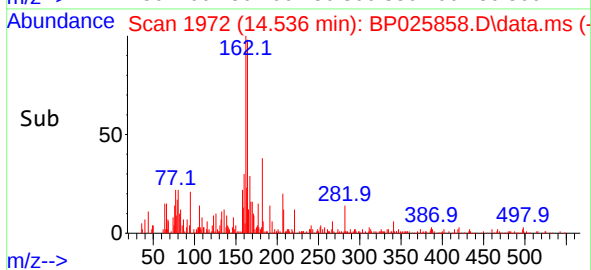
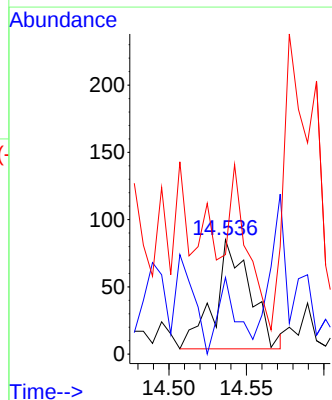
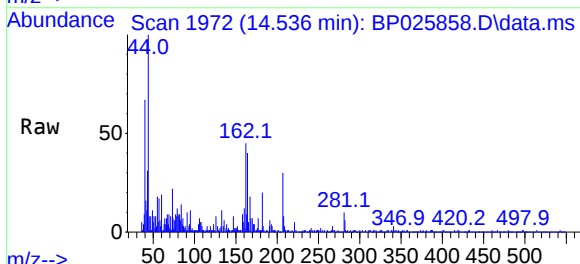
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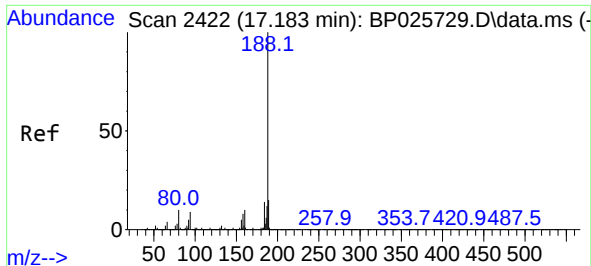
Tgt Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 144.4 52.5 78.7#
154 0.0 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.502 ng
RT: 14.536 min Scan# 1972
Delta R.T. -0.083 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

Tgt Ion:139 Resp: 129
Ion Ratio Lower Upper
139 100
109 67.1 62.9 102.9
65 87.1 83.4 123.4

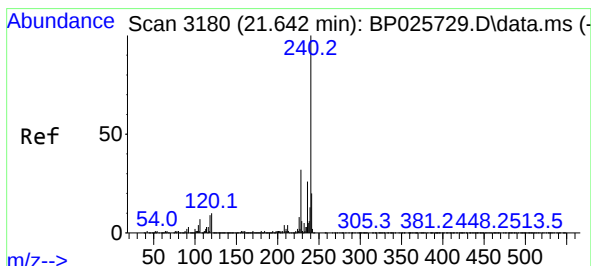
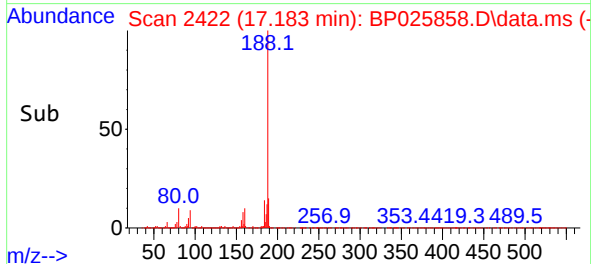
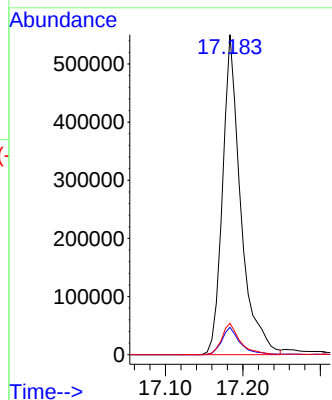
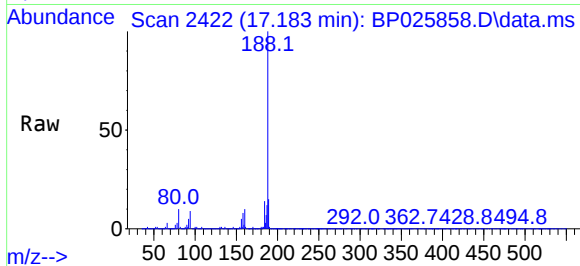




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

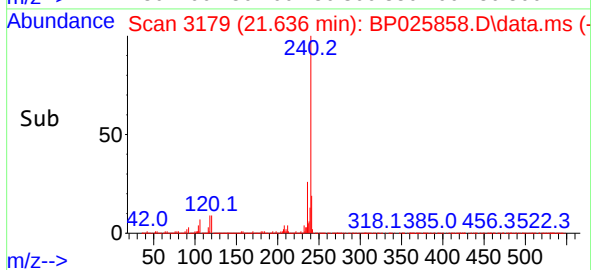
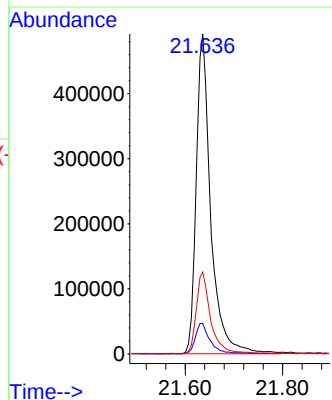
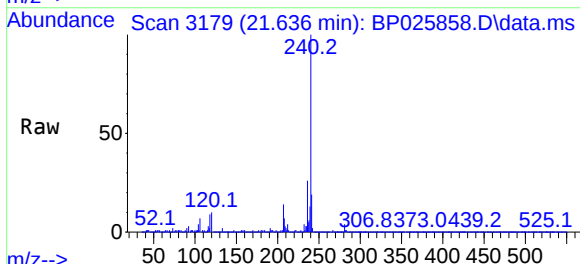
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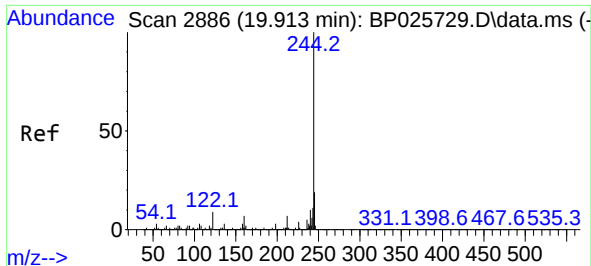
Tgt Ion:188 Resp: 898551
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025858.D
Acq: 25 Sep 2025 14:01

Tgt Ion:240 Resp: 1019790
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.6 20.7 31.1

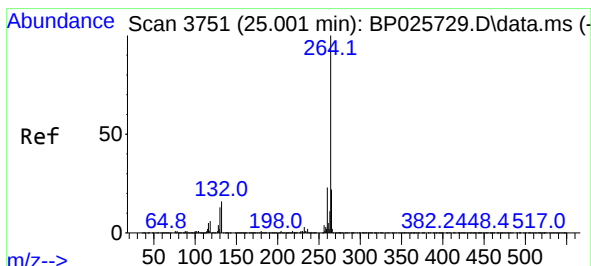
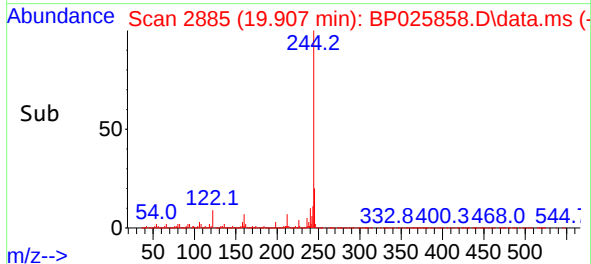
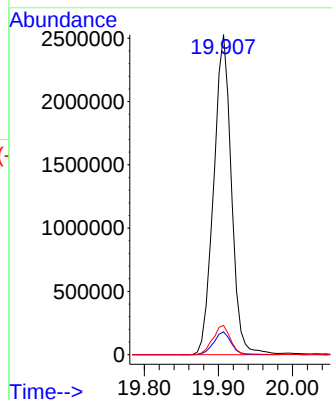
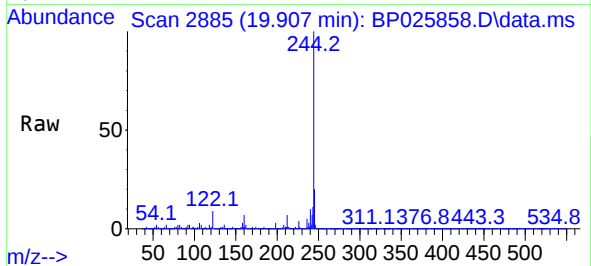




#79
 Terphenyl-d14
 Concen: 73.879 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025858.D
 Acq: 25 Sep 2025 14:01

Instrument :
 BNA_P
 ClientSampleId :
 PB169791TB

Tgt Ion:244 Resp: 4187946
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.018 min Scan# 3754
 Delta R.T. 0.018 min
 Lab File: BP025858.D
 Acq: 25 Sep 2025 14:01

Tgt Ion:264 Resp: 1141894
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 21.8 17.3 25.9

