

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
 Data File : BP025914.D
 Acq On : 03 Oct 2025 14:46
 Operator : CG/JU
 Sample : PB169925TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169925TB

Quant Time: Oct 03 15:17:06 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)

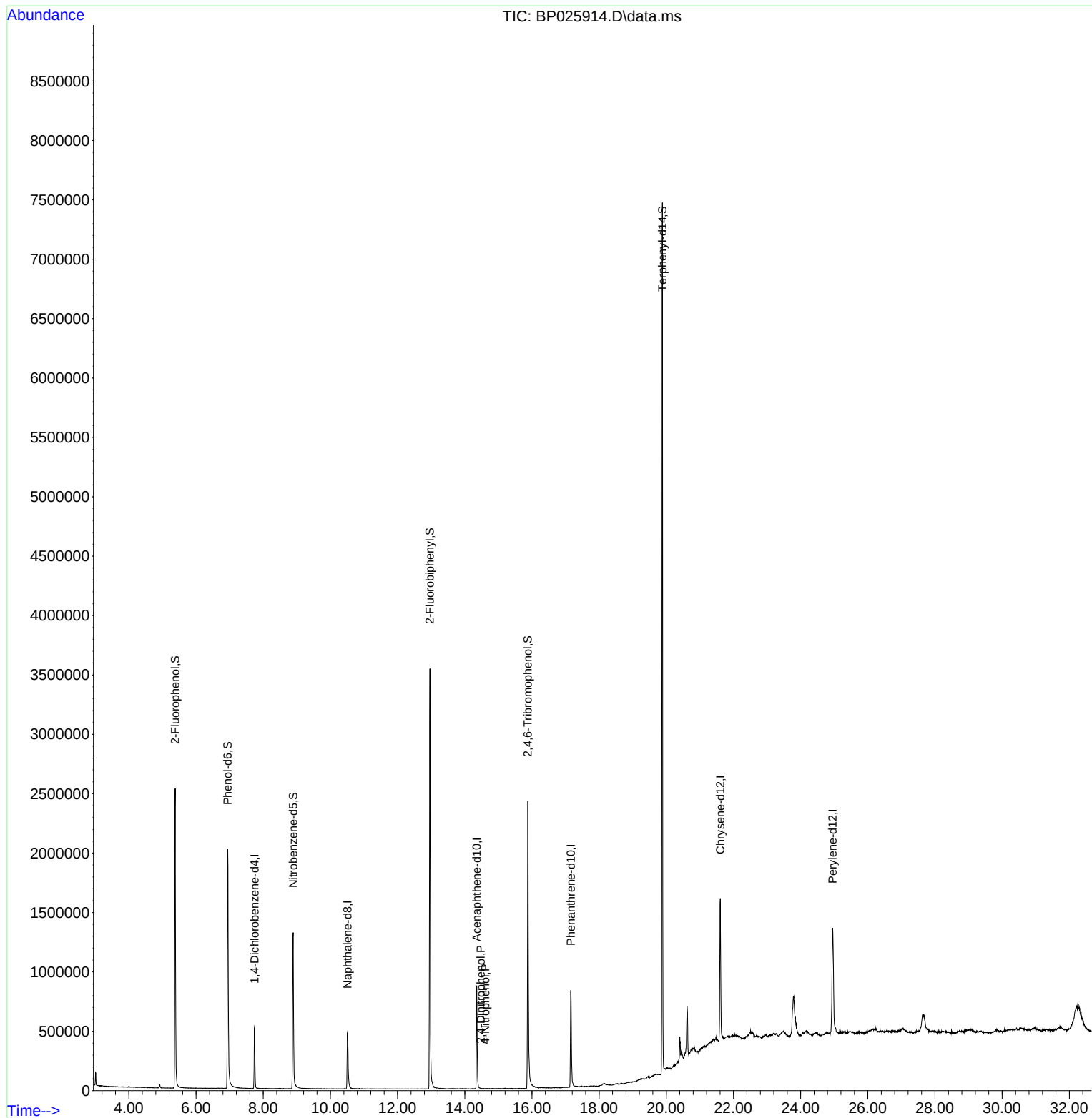
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	143685	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	531399	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	337790	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	718297	20.000	ng	-0.02
76) Chrysene-d12	21.607	240	878409	20.000	ng	-0.04
86) Perylene-d12	24.954	264	1041091	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1211623	136.062	ng	0.00
7) Phenol-d6	6.943	99	1494562	126.270	ng	0.00
23) Nitrobenzene-d5	8.890	82	954092	79.198	ng	-0.01
42) 2,4,6-Tribromophenol	15.878	330	604860	143.561	ng	-0.03
45) 2-Fluorobiphenyl	12.960	172	2074128	81.758	ng	-0.03
79) Terphenyl-d14	19.883	244	3751903	76.839	ng	-0.03
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.472	184	30	4.832	ng	# 41
56) 4-Nitrophenol	14.613	139	20	4.486	ng	# 1

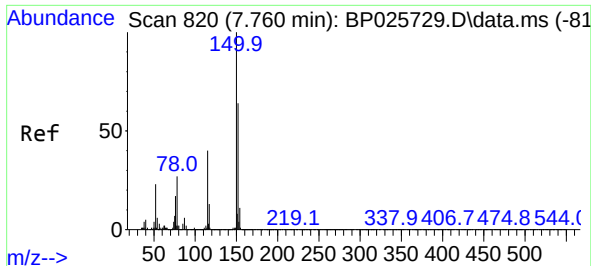
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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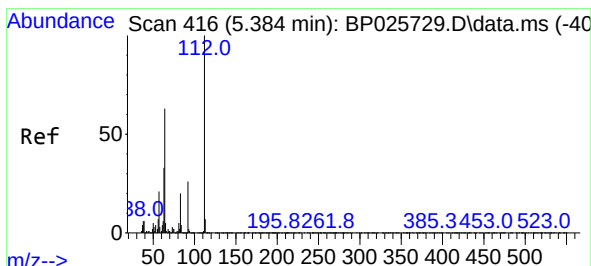
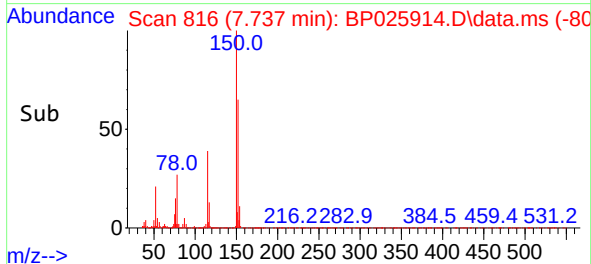
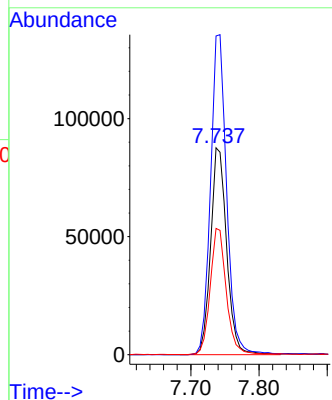
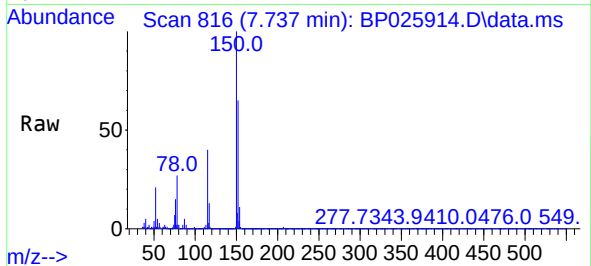




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

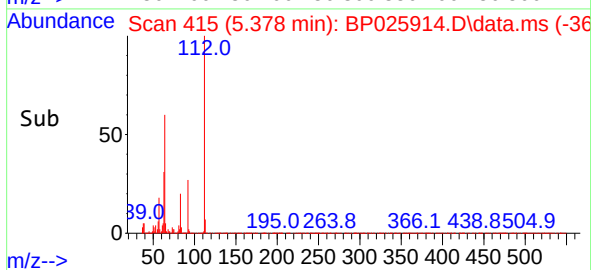
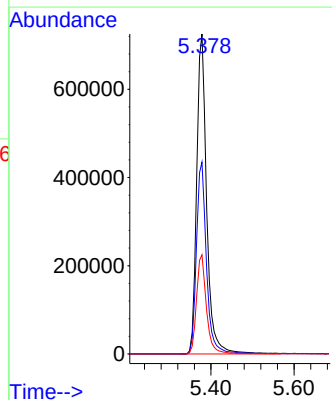
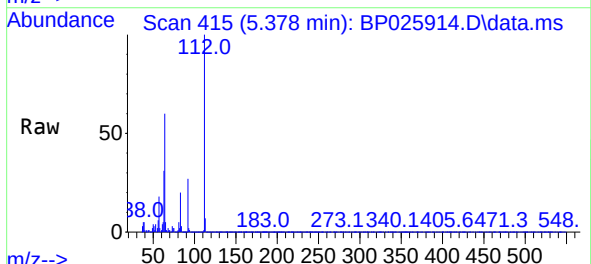
Instrument :
BNA_P
ClientSampleId :
PB169925TB

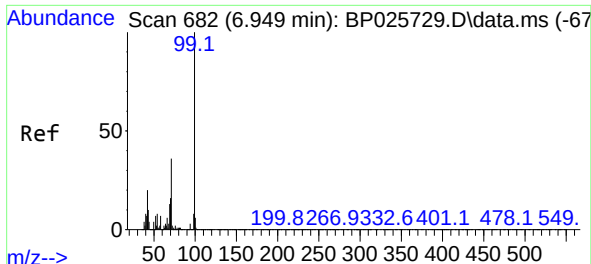
Tgt Ion:152 Resp: 143685
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 61.0 50.3 75.5



#5
2-Fluorophenol
Concen: 136.062 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Tgt Ion:112 Resp: 1211623
Ion Ratio Lower Upper
112 100
64 59.9 50.2 75.4
63 31.0 26.7 40.1



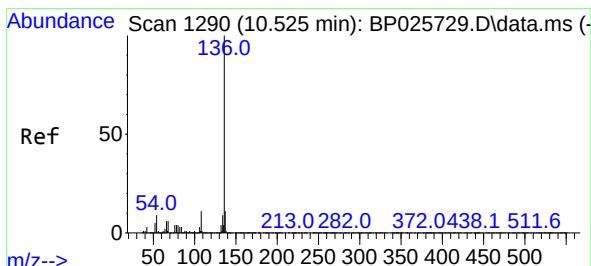
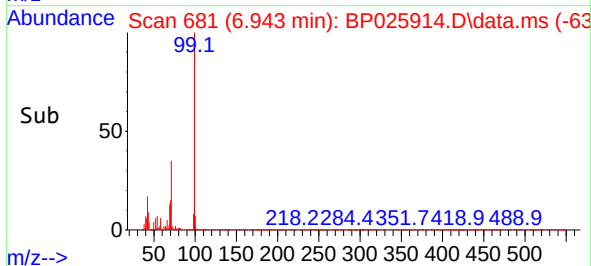
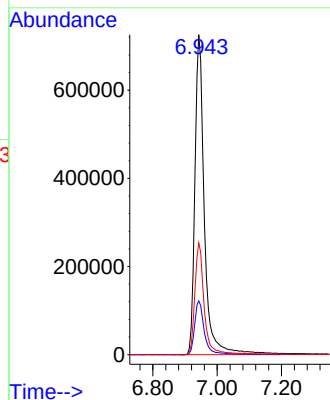
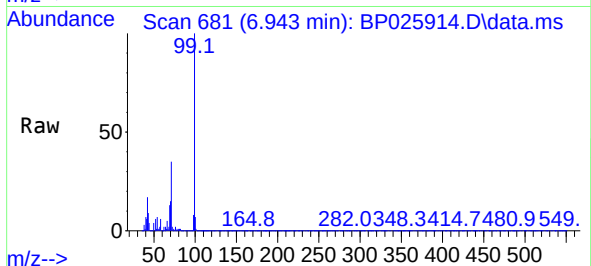


#7
Phenol-d6
Concen: 126.270 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Instrument :
BNA_P
ClientSampleId :
PB169925TB

Tgt Ion: 99 Resp: 1494562

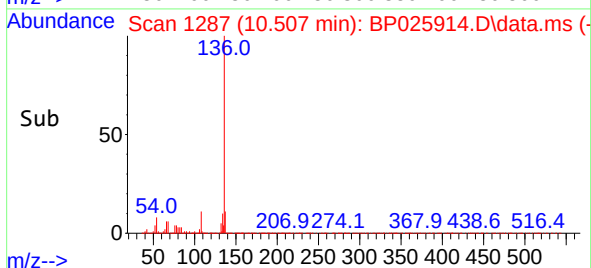
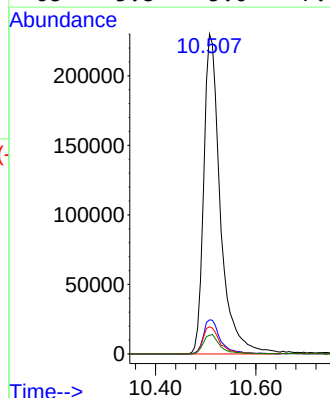
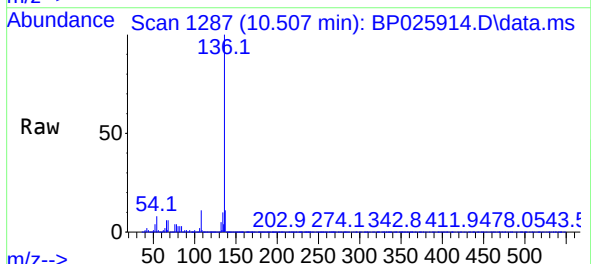
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.6	23.4
71	35.0	28.6	43.0

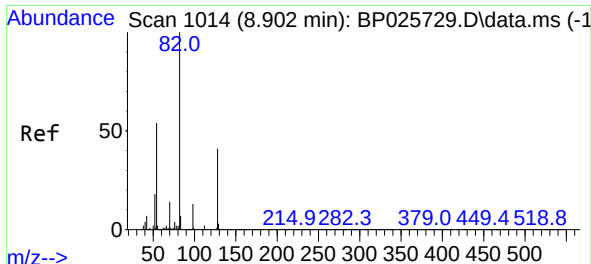


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Tgt Ion:136 Resp: 531399

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.5	7.5	11.3
68	5.8	5.0	7.6

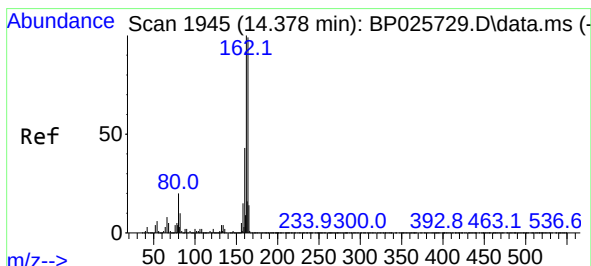
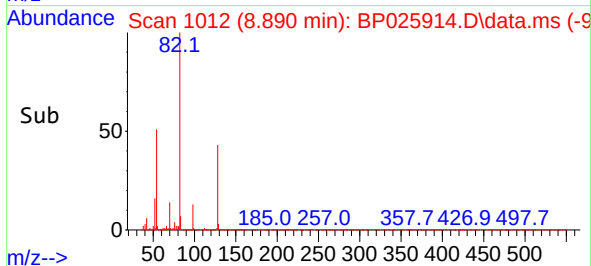
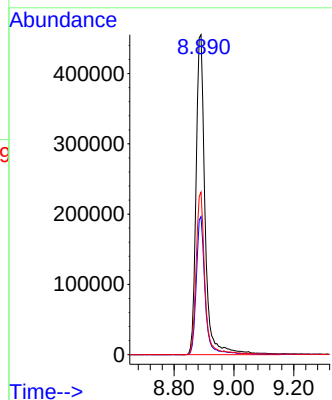
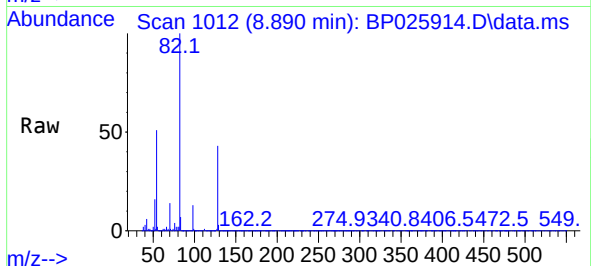




#23
Nitrobenzene-d5
Concen: 79.198 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

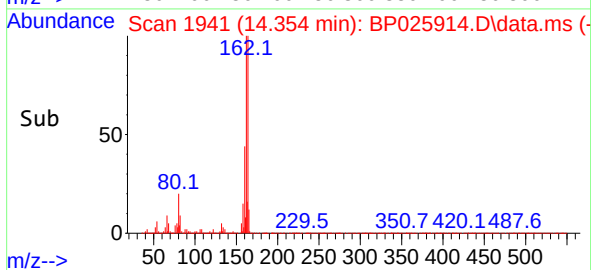
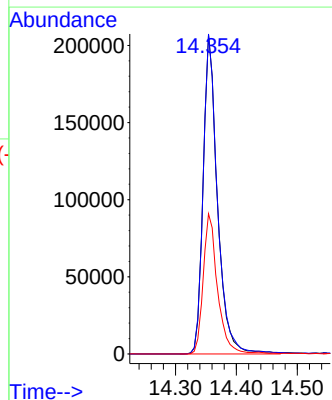
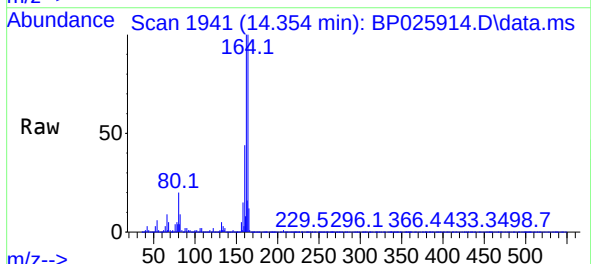
Instrument :
BNA_P
ClientSampleId :
PB169925TB

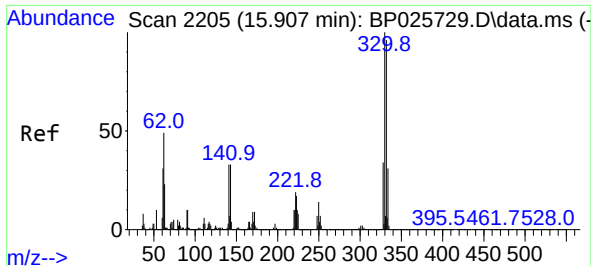
Tgt Ion: 82 Resp: 954092
Ion Ratio Lower Upper
82 100
128 43.2 32.9 49.3
54 50.8 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Tgt Ion: 164 Resp: 337790
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 43.9 35.0 52.6

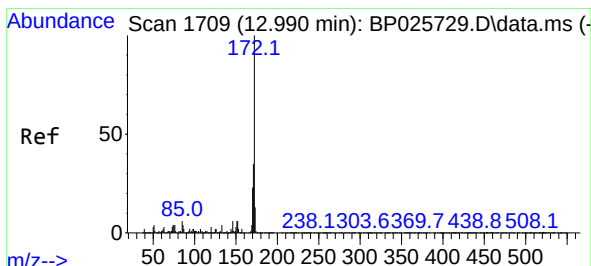
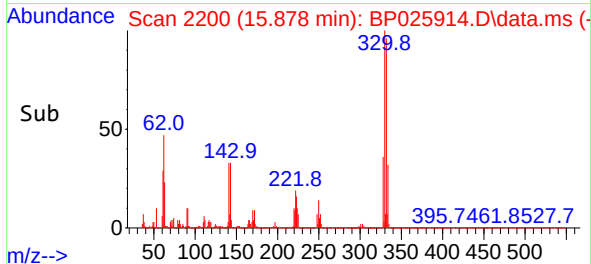
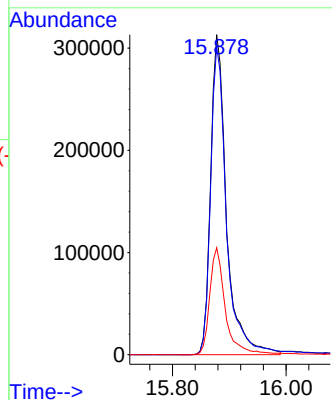
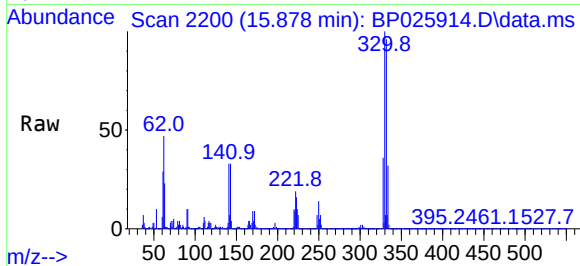




#42
2,4,6-Tribromophenol
Concen: 143.561 ng
RT: 15.878 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

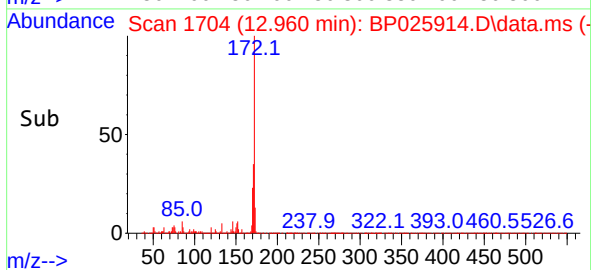
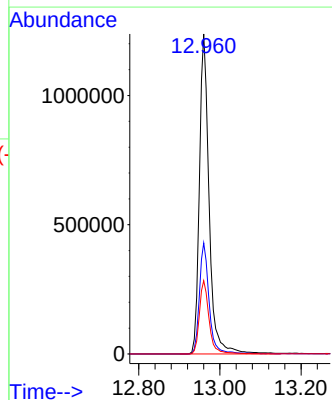
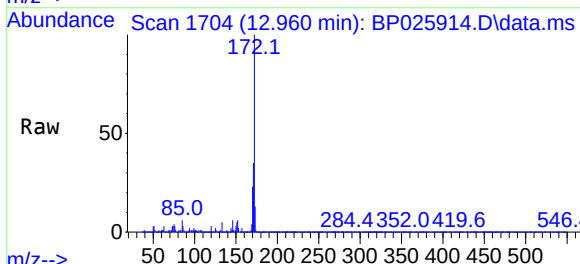
Instrument :
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ClientSampleId :
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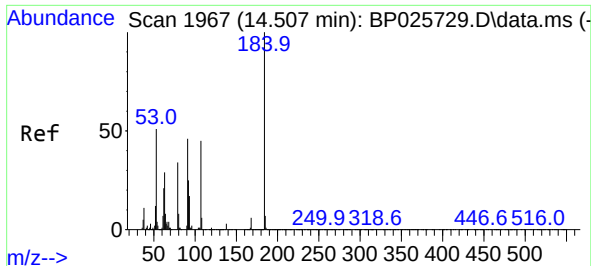
Tgt Ion:330 Resp: 604860
Ion Ratio Lower Upper
330 100
332 98.5 76.9 115.3
141 33.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 81.758 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Tgt Ion:172 Resp: 2074128
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.9 18.6 27.8

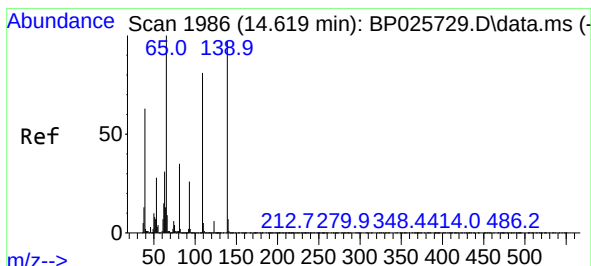
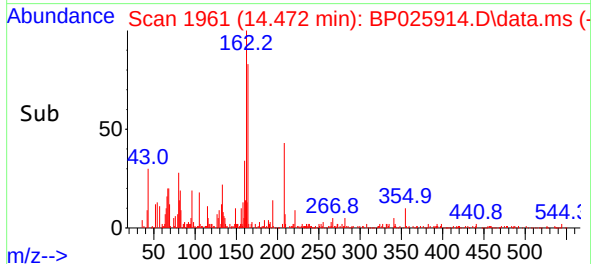
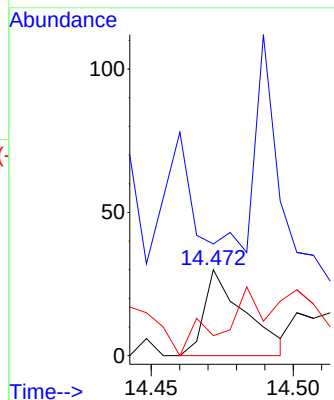
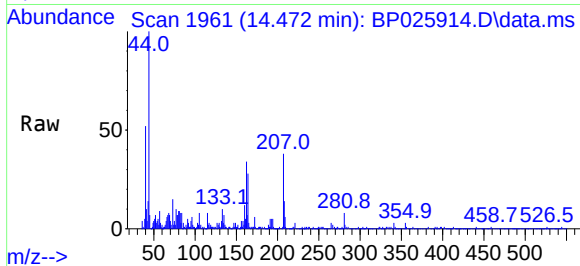




#54
2,4-Dinitrophenol
Concen: 4.832 ng
RT: 14.472 min Scan# 1961
Delta R.T. -0.035 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

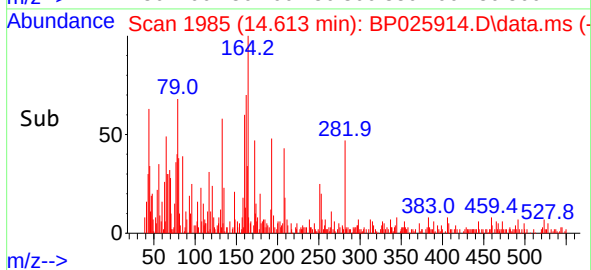
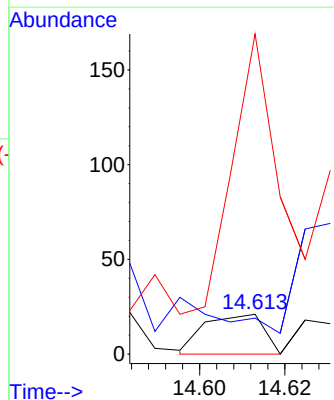
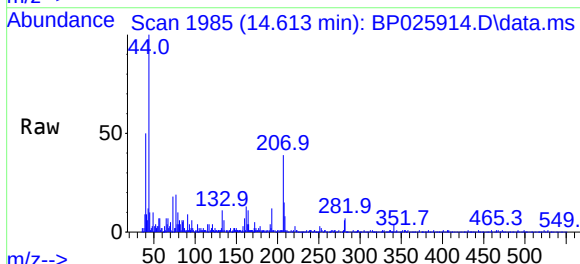
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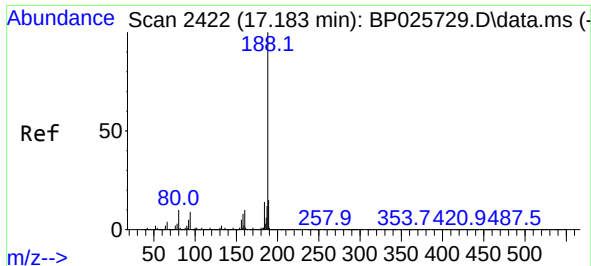
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 114.7 52.5 78.7#
154 20.6 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.486 ng
RT: 14.613 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 90.5 62.9 102.9
65 804.8 83.4 123.4#

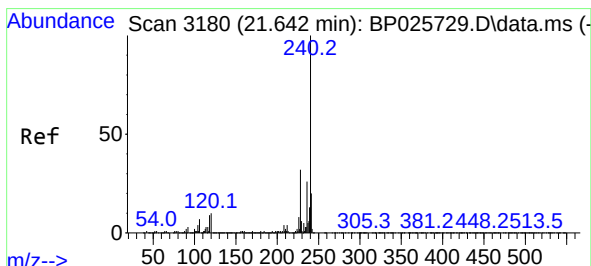
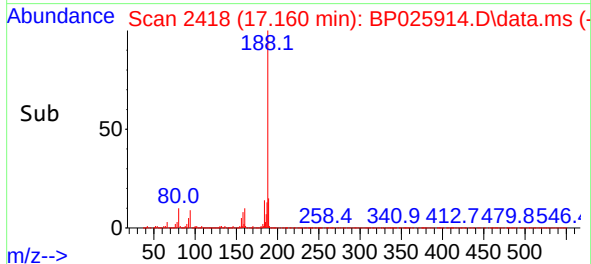
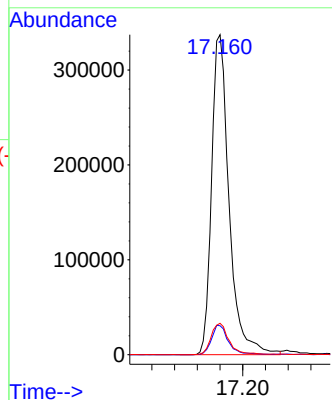
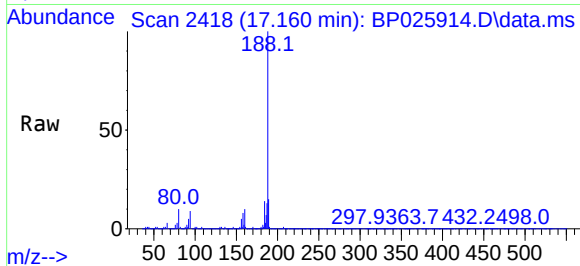




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.024 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

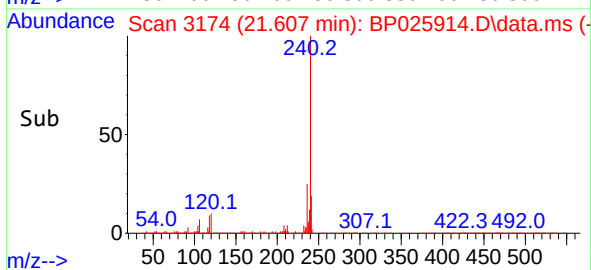
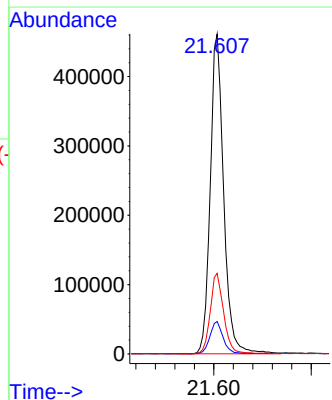
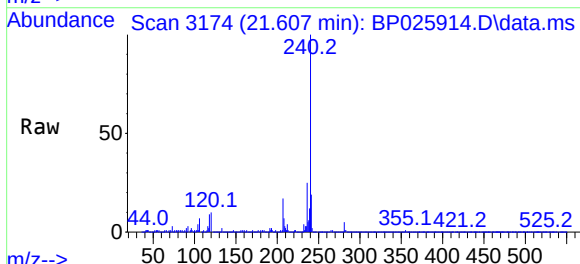
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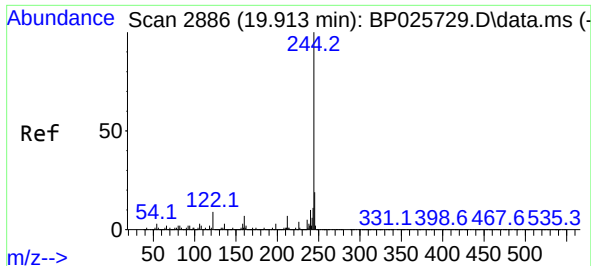
Tgt Ion:188 Resp: 718297
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.035 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Tgt Ion:240 Resp: 878409
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.2 20.7 31.1

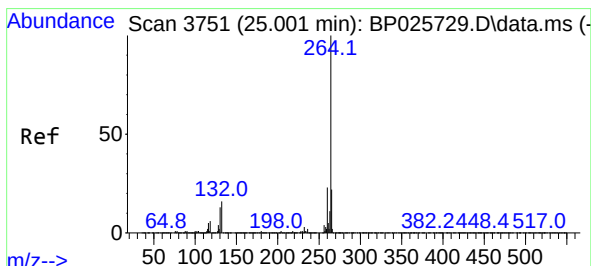
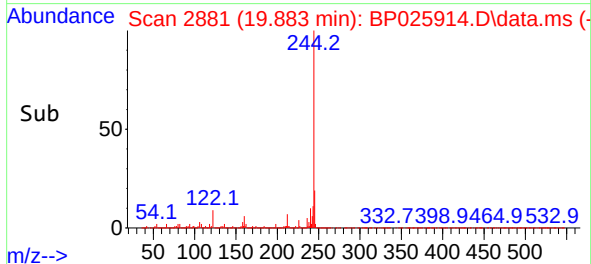
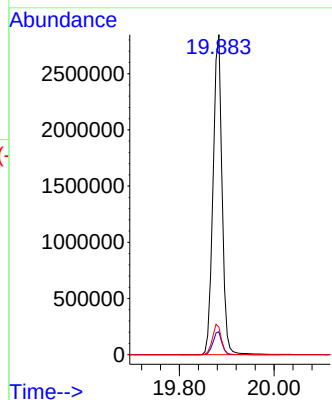
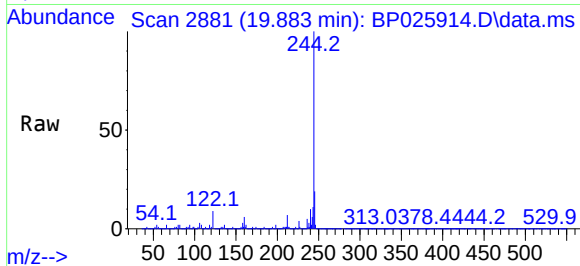




#79
 Terphenyl-d14
 Concen: 76.839 ng
 RT: 19.883 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BP025914.D
 Acq: 03 Oct 2025 14:46

Instrument :
 BNA_P
 ClientSampleId :
 PB169925TB

Tgt Ion:244 Resp: 3751903
 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: 24.954 min Scan# 3743
 Delta R.T. -0.047 min
 Lab File: BP025914.D
 Acq: 03 Oct 2025 14:46

Tgt Ion:264 Resp: 1041091
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 22.0 17.3 25.9

