

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024659.D
 Acq On : 16 May 2025 16:17
 Operator : RC/JU
 Sample : Q1993-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1-20250508

Quant Time: May 16 16:56:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

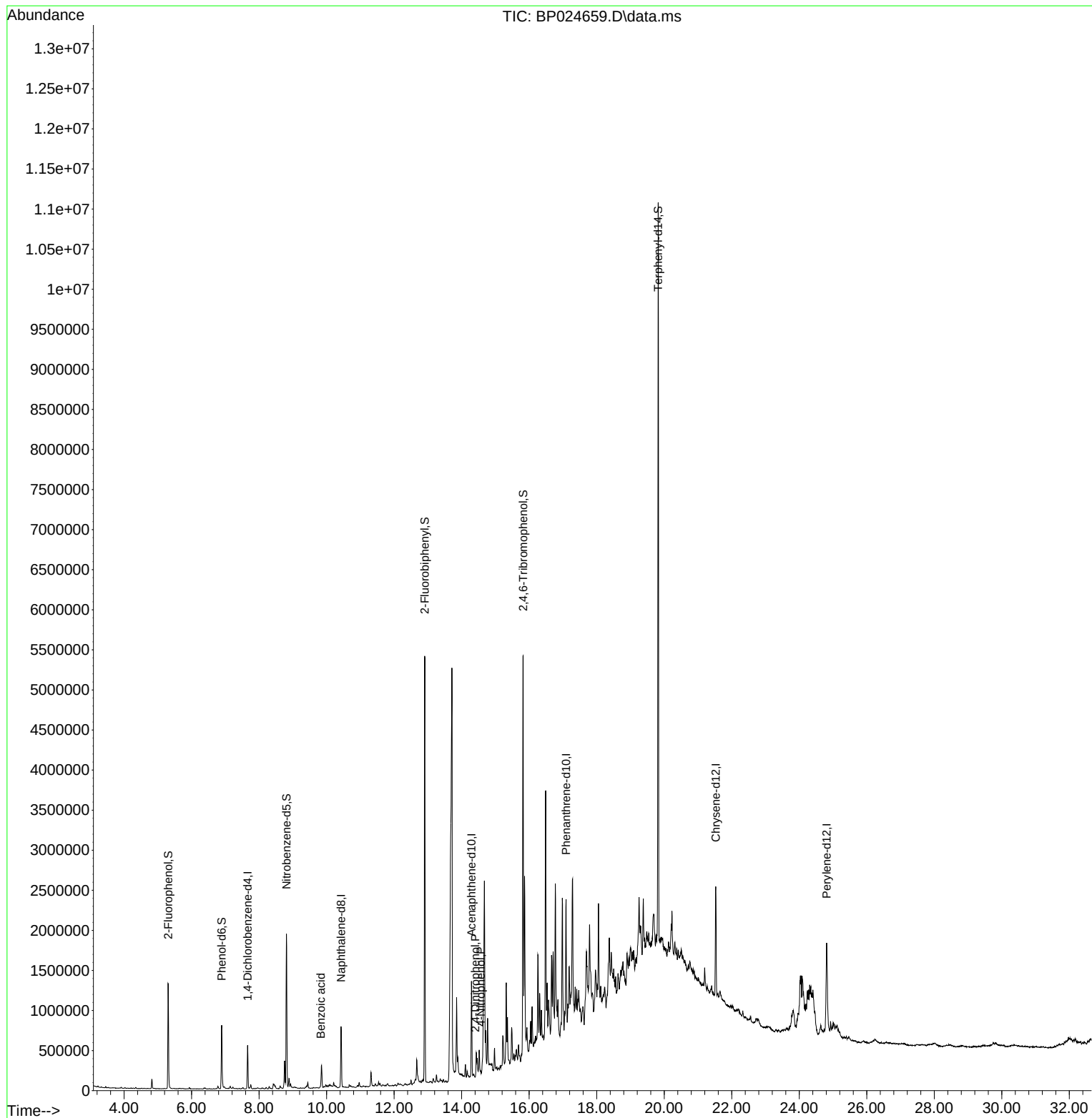
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	149432	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	637785	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	420480	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	840783	20.000	ng	0.00
76) Chrysene-d12	21.527	240	896643	20.000	ng	0.00
86) Perylene-d12	24.809	264	1065206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	632963	72.448	ng	0.02
7) Phenol-d6	6.893	99	514657	46.155	ng	0.04
23) Nitrobenzene-d5	8.810	82	1087254	86.134	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	1146657	160.859	ng	0.01
45) 2-Fluorobiphenyl	12.910	172	2702649	84.209	ng	0.00
79) Terphenyl-d14	19.821	244	4337027	82.939	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.828	122	401	7.519	ng	# 1
54) 2,4-Dinitrophenol	14.404	184	40	6.410	ng	# 1
56) 4-Nitrophenol	14.569	139	605	4.330	ng	# 5

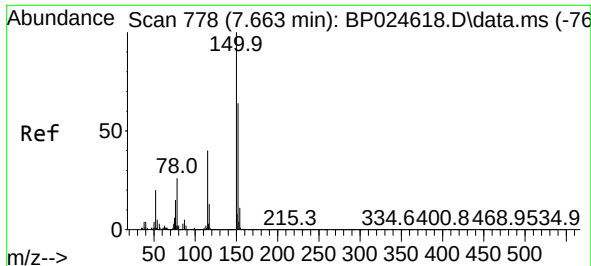
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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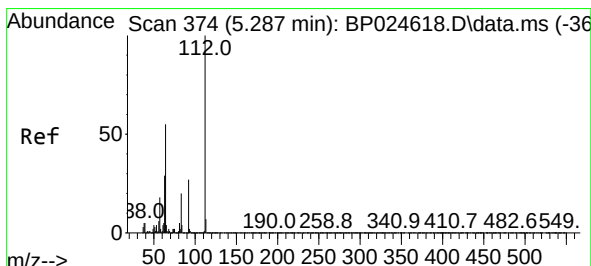
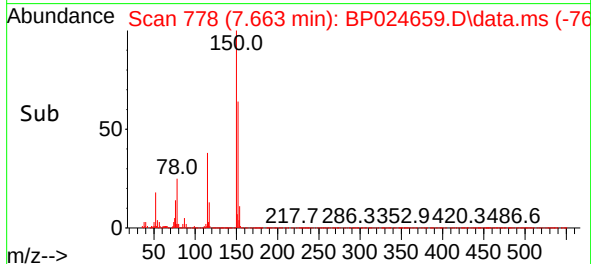
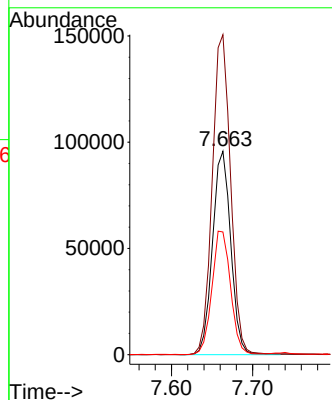
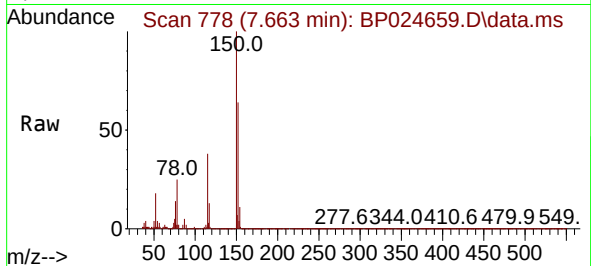




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

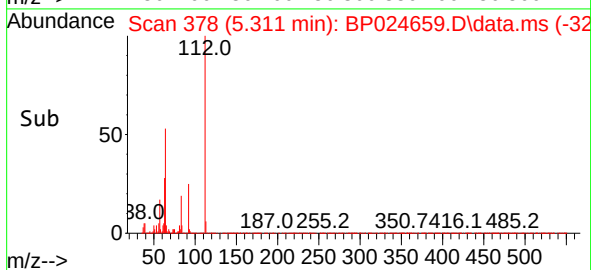
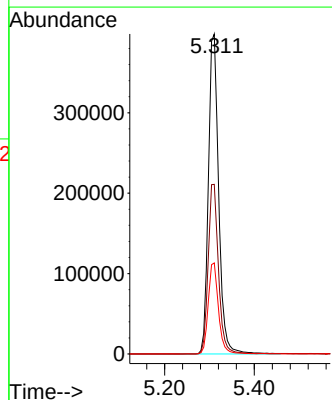
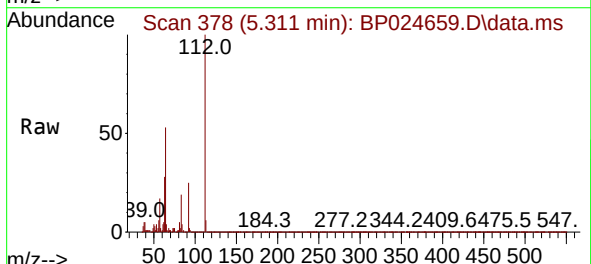
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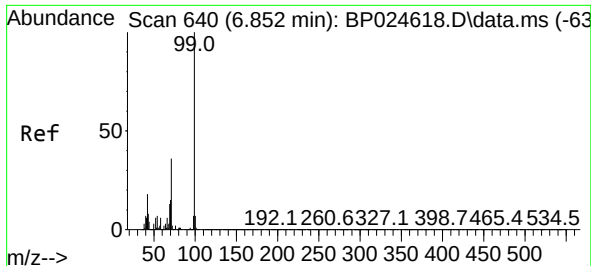
Tgt Ion:152 Resp: 149432
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 60.3 50.1 75.1



#5
2-Fluorophenol
Concen: 72.448 ng
RT: 5.311 min Scan# 378
Delta R.T. 0.023 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:112 Resp: 632963
Ion Ratio Lower Upper
112 100
64 53.0 44.1 66.1
63 28.4 23.5 35.3

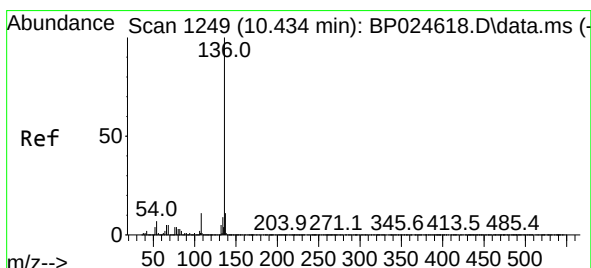
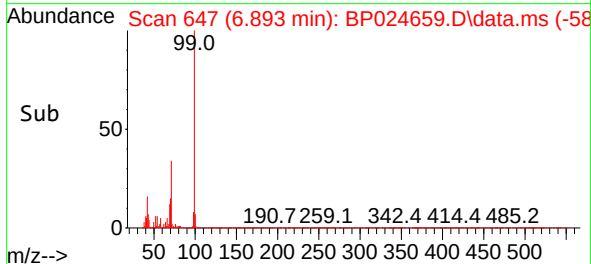
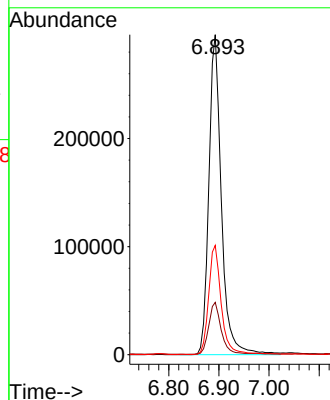
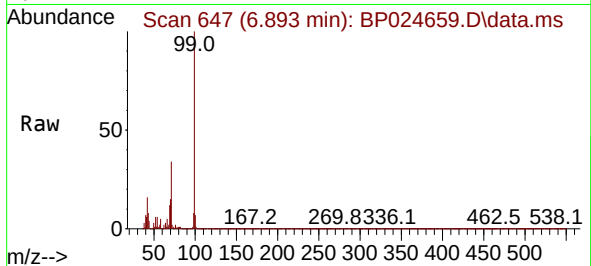




#7
Phenol-d6
Concen: 46.155 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.041 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

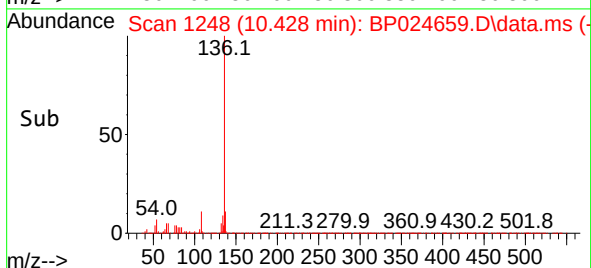
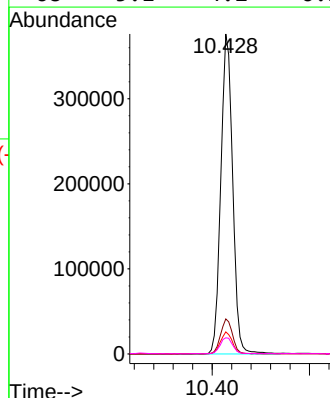
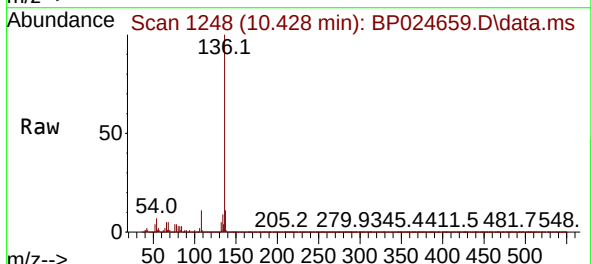
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ClientSampleId :
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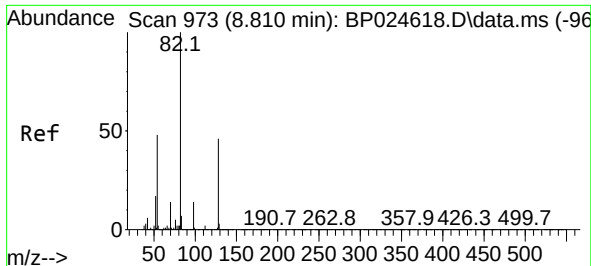
Tgt Ion: 99 Resp: 514657
Ion Ratio Lower Upper
99 100
42 16.4 14.4 21.6
71 34.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion: 136 Resp: 637785
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 5.5 8.3
68 5.1 4.2 6.2

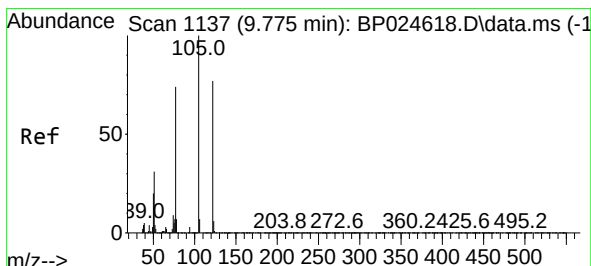
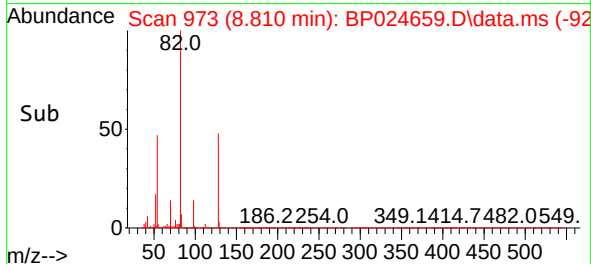
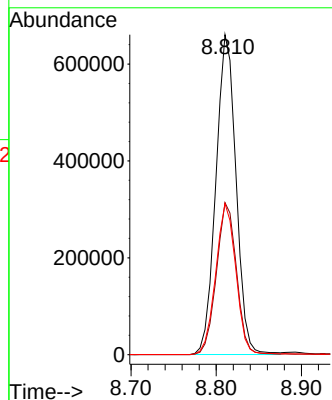
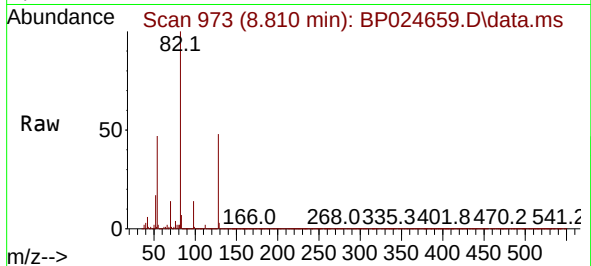




#23
Nitrobenzene-d5
Concen: 86.134 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

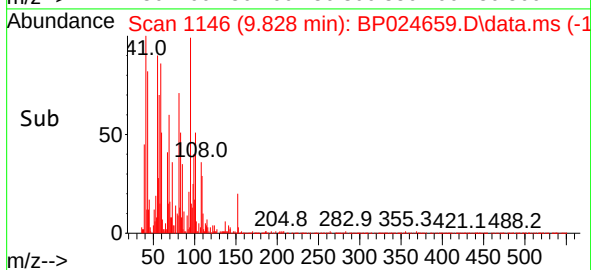
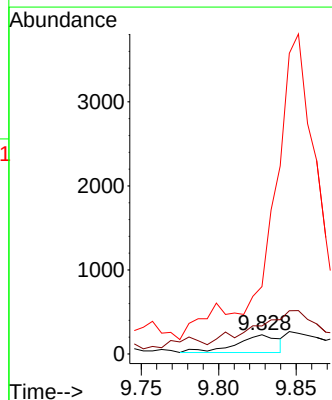
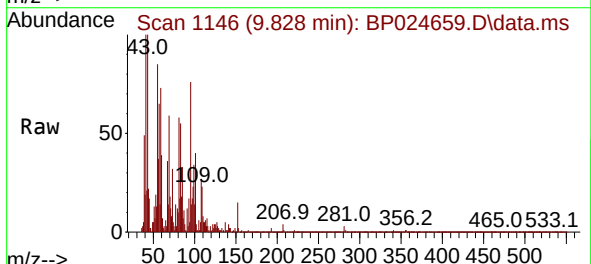
Instrument :
BNA_P
ClientSampleId :
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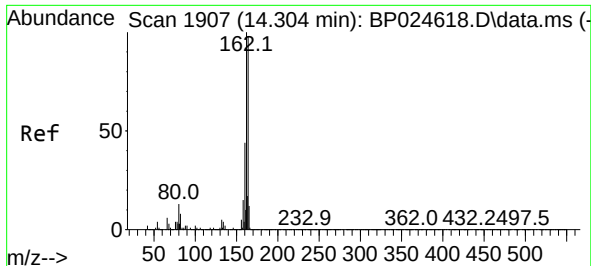
Tgt Ion: 82 Resp: 1087254
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 47.2 38.7 58.1



#32
Benzoic acid
Concen: 7.519 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:122 Resp: 401
Ion Ratio Lower Upper
122 100
105 146.5 106.9 146.9
77 351.8 75.1 115.1#

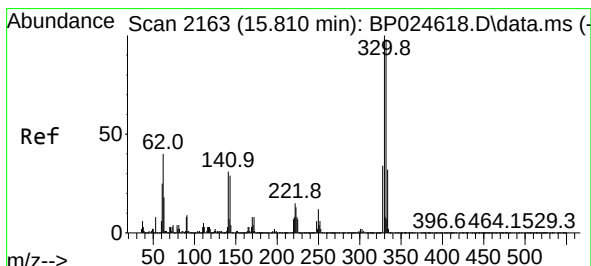
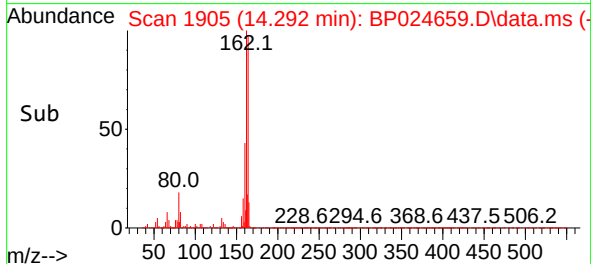
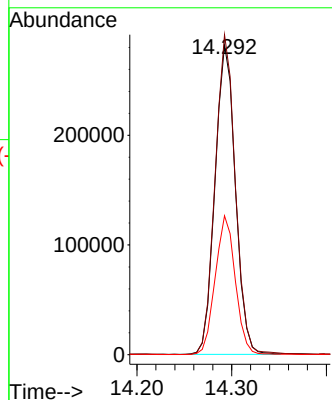
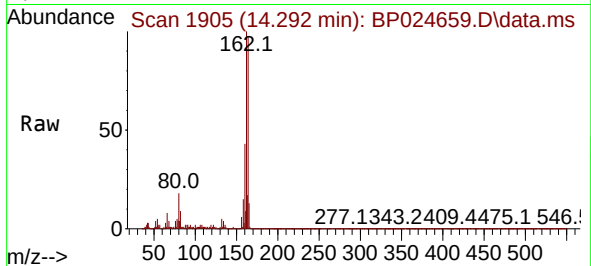




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

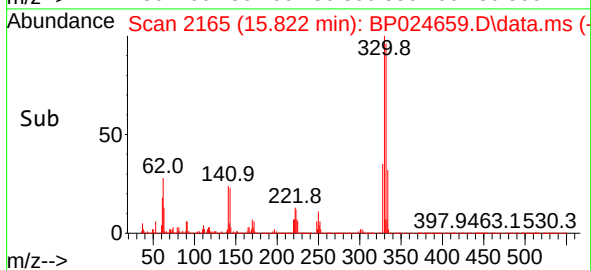
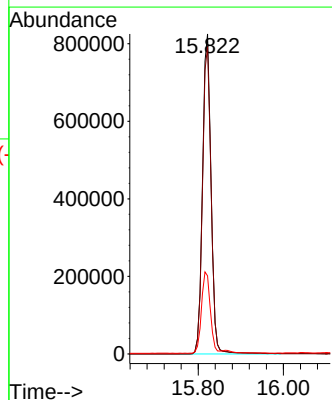
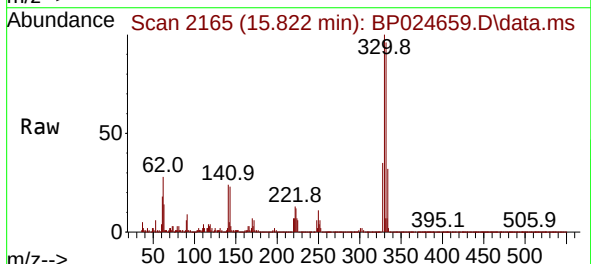
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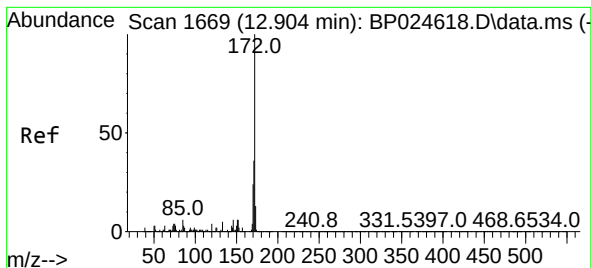
Tgt Ion:164 Resp: 420480
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 44.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 160.859 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:330 Resp: 1146657
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 26.2 24.3 36.5

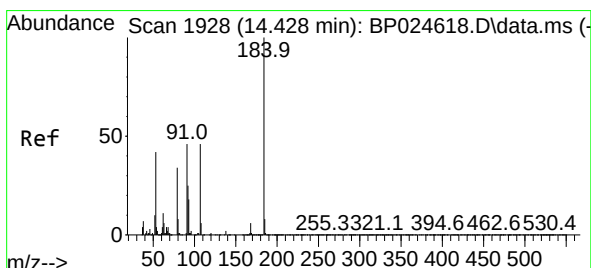
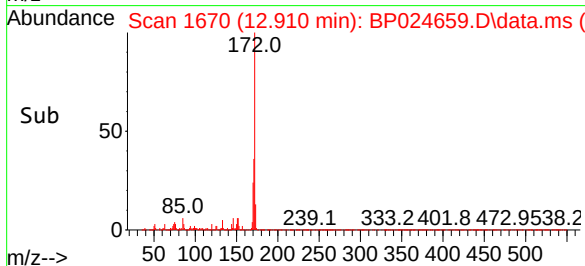
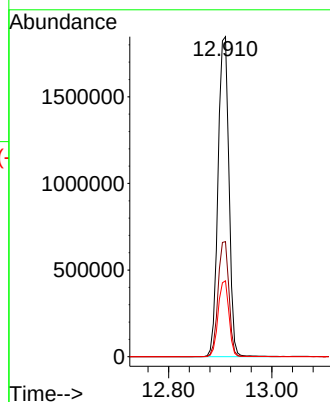
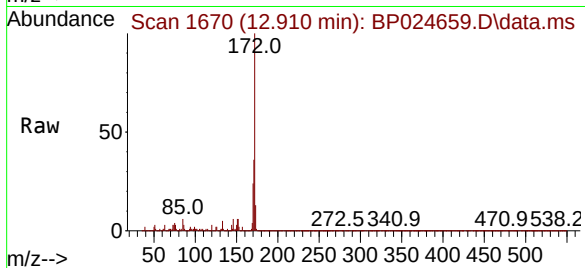




#45
2-Fluorobiphenyl
Concen: 84.209 ng
RT: 12.910 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

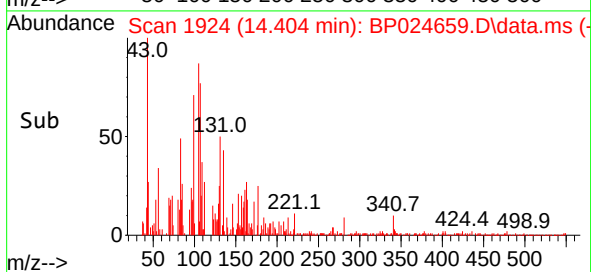
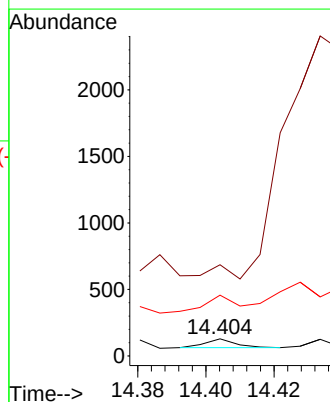
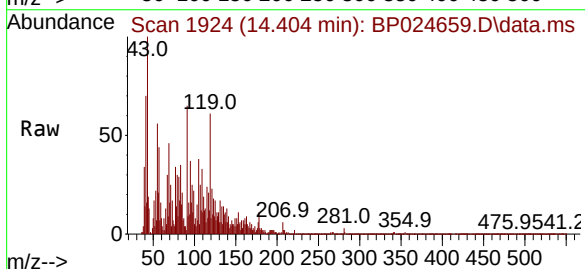
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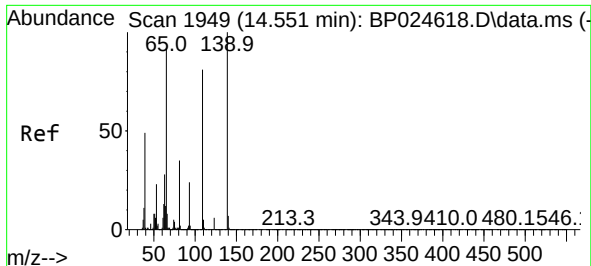
Tgt Ion:172 Resp: 2702649
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.7 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.410 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.024 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:184 Resp: 40
Ion Ratio Lower Upper
184 100
63 531.8 51.3 76.9#
154 354.3 53.5 80.3#

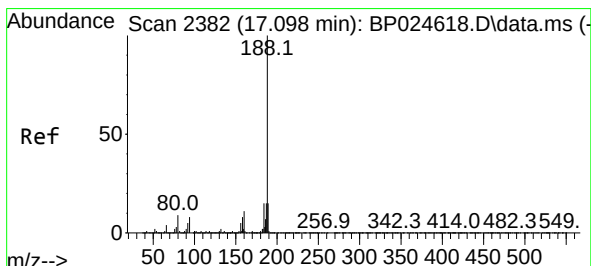
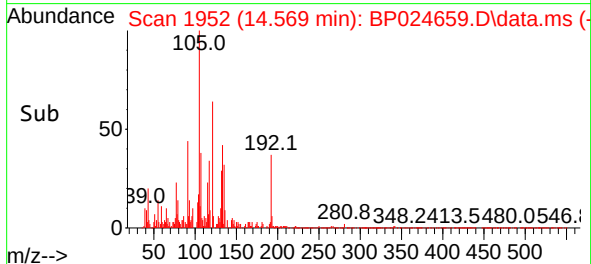
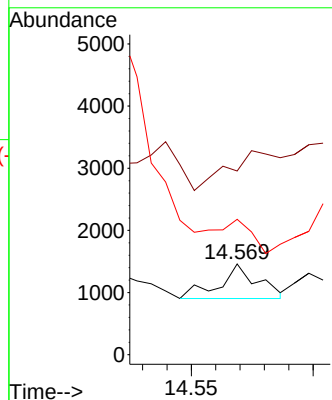
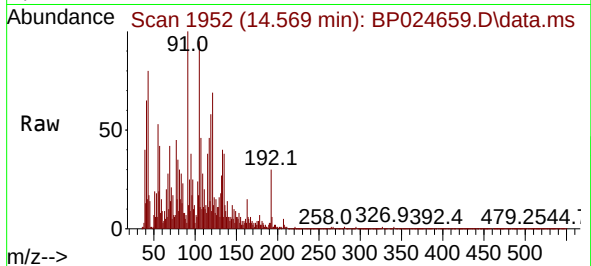




#56
4-Nitrophenol
Concen: 4.330 ng
RT: 14.569 min Scan# 1949
Delta R.T. 0.018 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

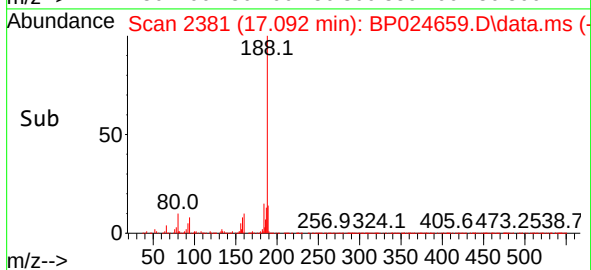
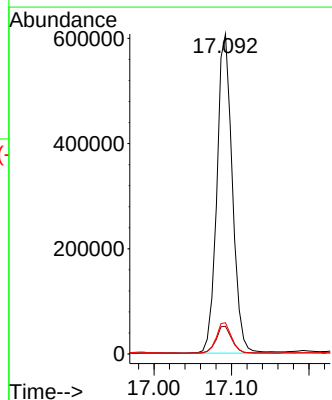
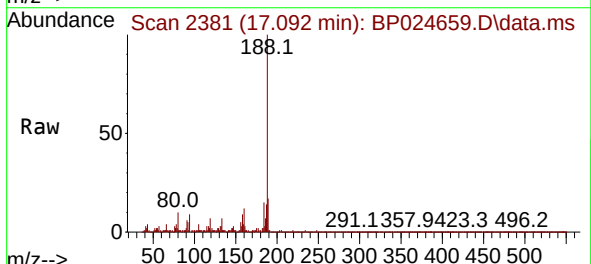
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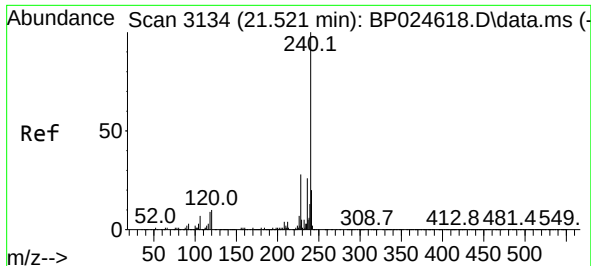
Tgt Ion:139 Resp: 605
Ion Ratio Lower Upper
139 100
109 202.4 61.4 101.4#
65 149.2 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:188 Resp: 840783
Ion Ratio Lower Upper
188 100
94 8.7 6.5 9.7
80 9.7 7.3 10.9

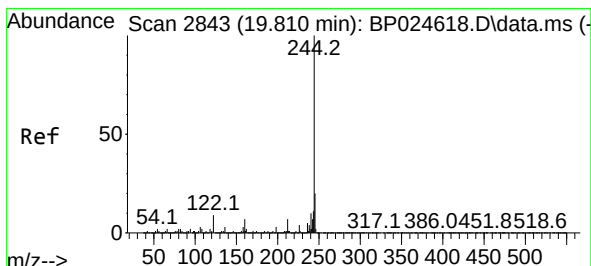
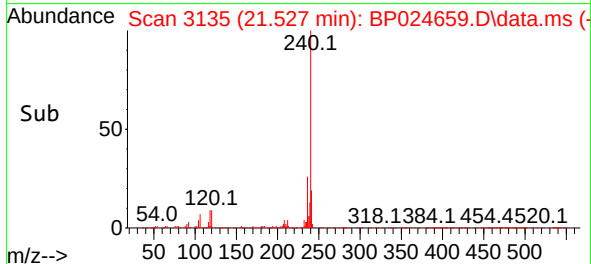
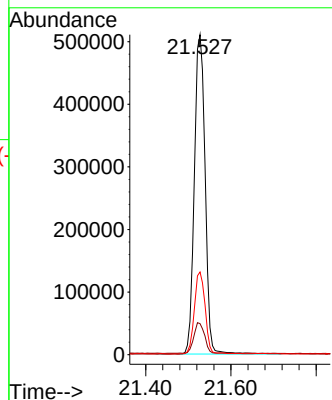
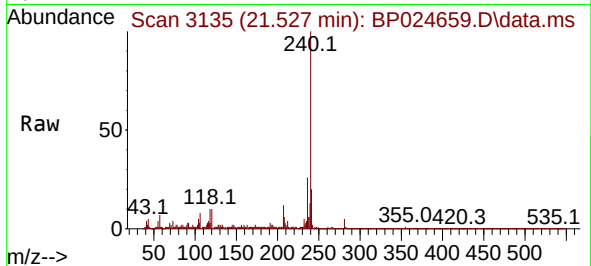




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

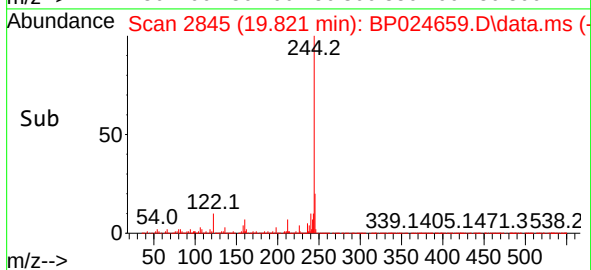
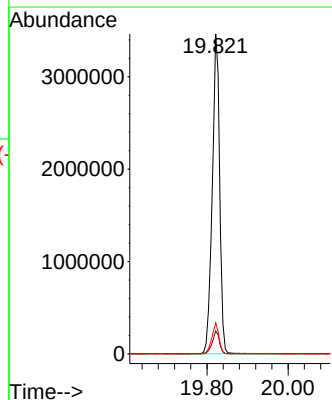
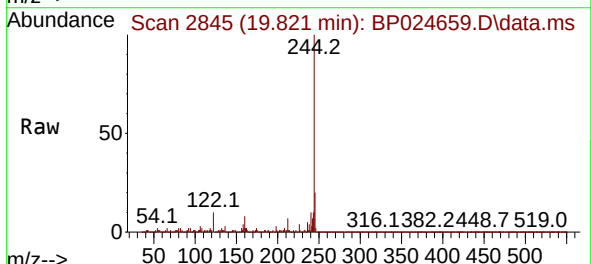
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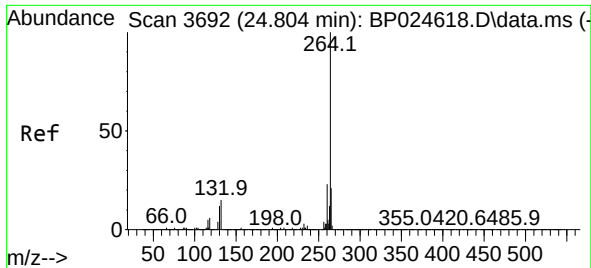
Tgt Ion:240 Resp: 896643
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 82.939 ng
RT: 19.821 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:244 Resp: 4337027
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.7 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.809 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BP024659.D
 Acq: 16 May 2025 16:17

Instrument :
 BNA_P
 ClientSampleId :
 MW-1-20250508

Tgt Ion:264 Resp: 1065206
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 22.3 17.0 25.6

