

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024657.D
 Acq On : 16 May 2025 14:55
 Operator : RC/JU
 Sample : Q1993-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-3-20250508-A

Quant Time: May 16 15:18:09 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)

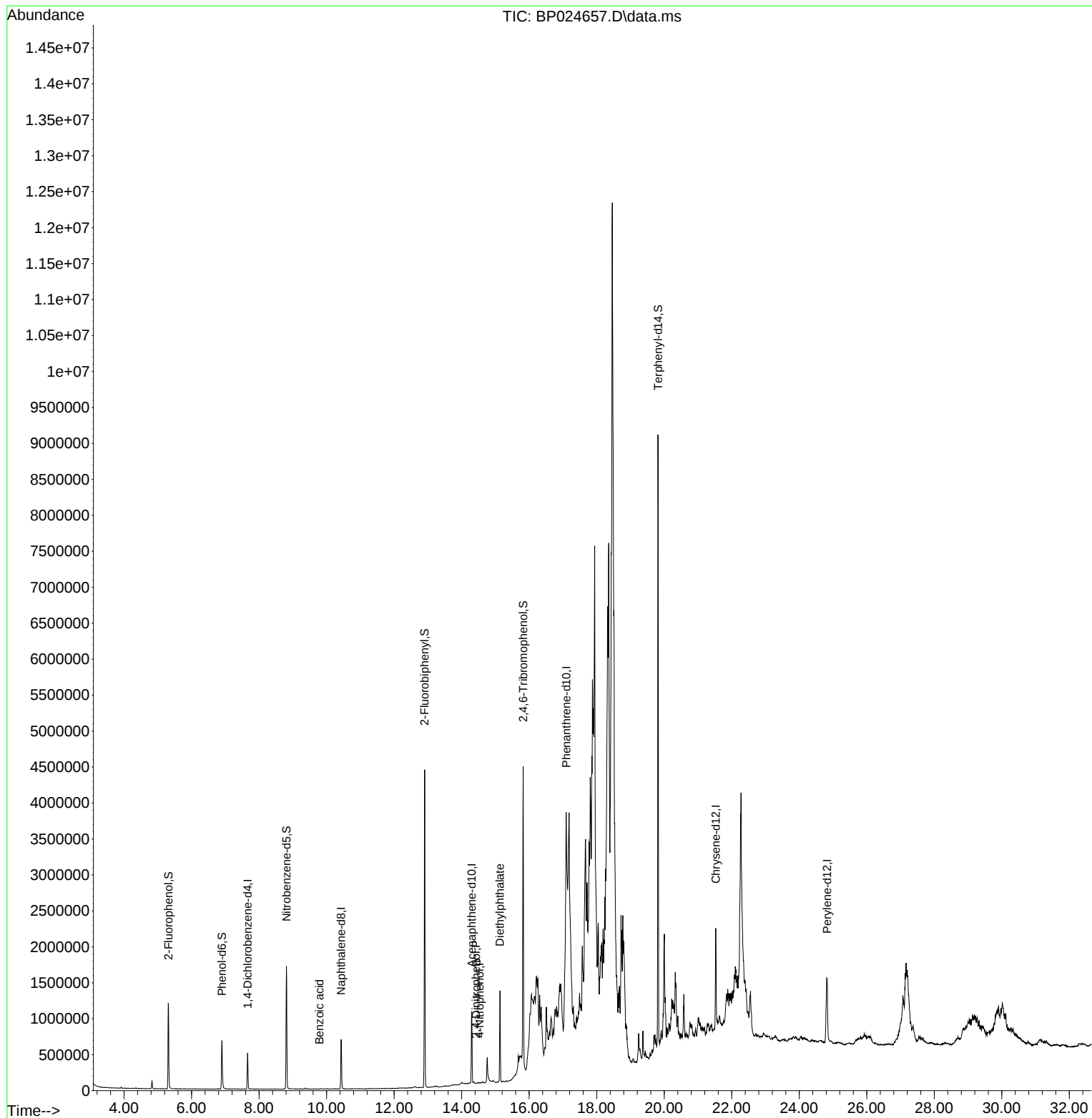
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	139534	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	567590	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	368139	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	690338	20.000	ng	0.00
76) Chrysene-d12	21.527	240	838925	20.000	ng	0.00
86) Perylene-d12	24.821	264	1069523	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	573367	70.282	ng	0.03
7) Phenol-d6	6.899	99	457605	43.950	ng	0.05
23) Nitrobenzene-d5	8.810	82	959886	85.448	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	945994	151.577	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2265661	80.630	ng	0.00
79) Terphenyl-d14	19.816	244	3884097	79.388	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.787	122	29	7.472	ng	# 1
54) 2,4-Dinitrophenol	14.428	184	96	6.425	ng	# 68
56) 4-Nitrophenol	14.528	139	163	4.264	ng	# 47
60) Diethylphthalate	15.134	149	753692	26.576	ng	99

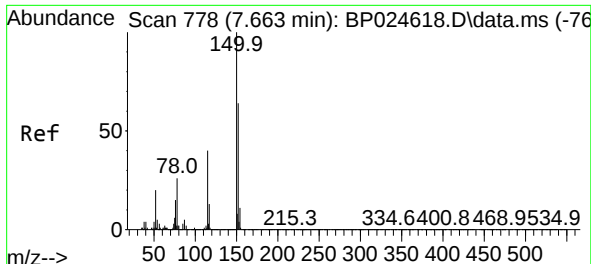
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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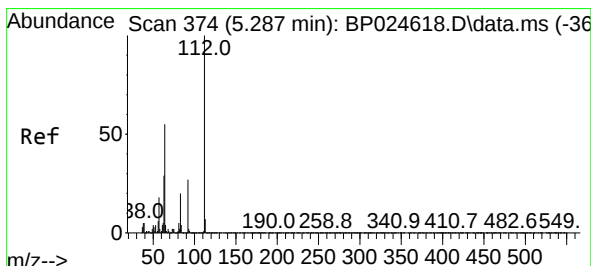
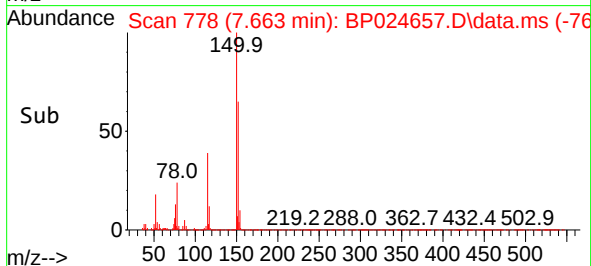
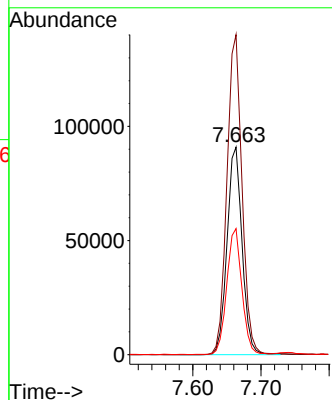
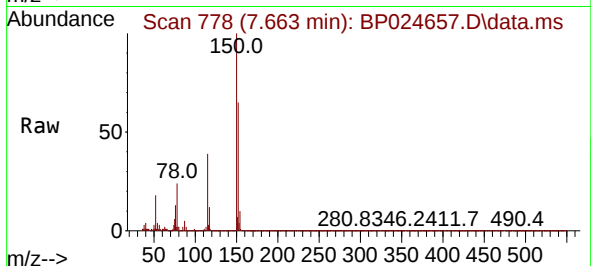




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

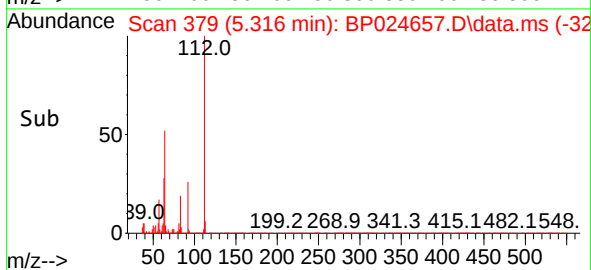
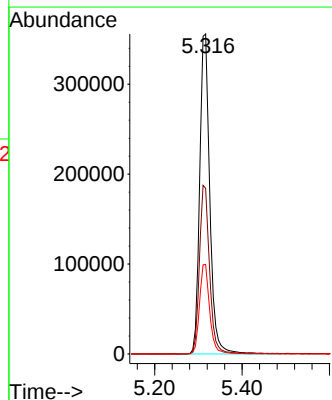
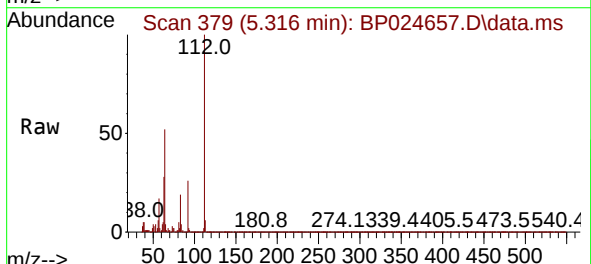
Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Tgt Ion:152 Resp: 139534
Ion Ratio Lower Upper
152 100
150 154.2 125.9 188.9
115 60.7 50.1 75.1



#5
2-Fluorophenol
Concen: 70.282 ng
RT: 5.316 min Scan# 379
Delta R.T. 0.029 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:112 Resp: 573367
Ion Ratio Lower Upper
112 100
64 51.7 44.1 66.1
63 28.0 23.5 35.3

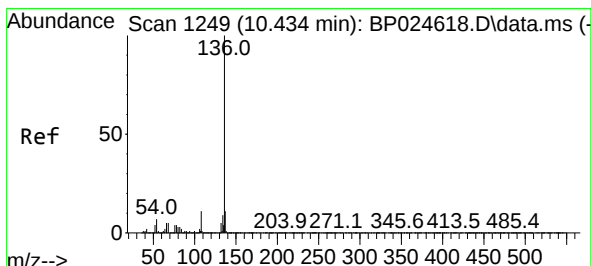
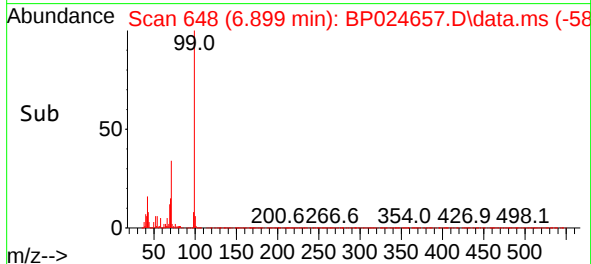
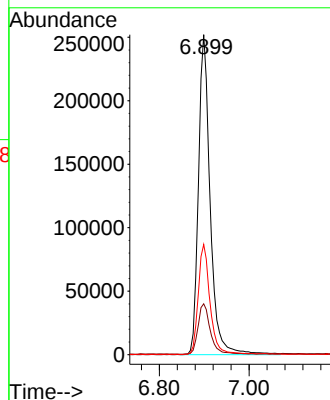
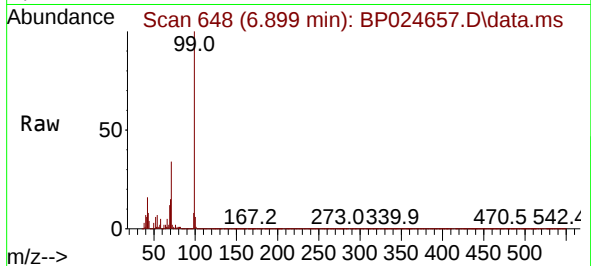




#7
Phenol-d6
Concen: 43.950 ng
RT: 6.899 min Scan# 640
Delta R.T. 0.047 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

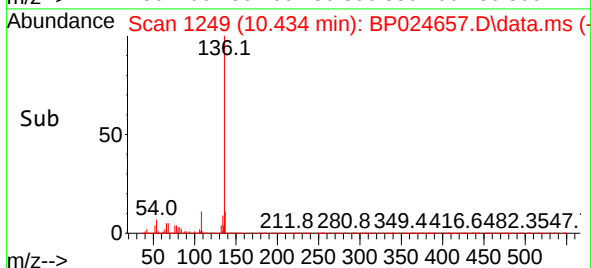
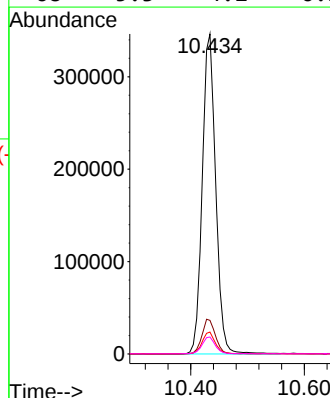
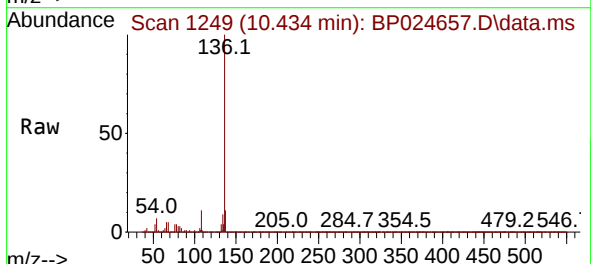
Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

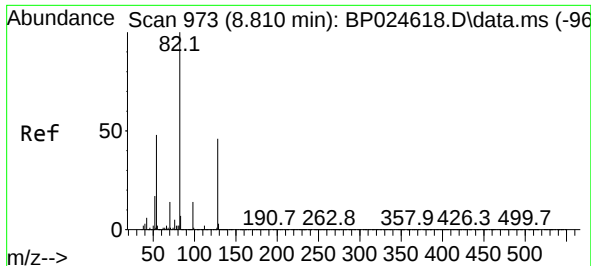
Tgt Ion: 99 Resp: 457605
Ion Ratio Lower Upper
99 100
42 15.9 14.4 21.6
71 34.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion: 136 Resp: 567590
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.8 5.5 8.3
68 5.3 4.2 6.2

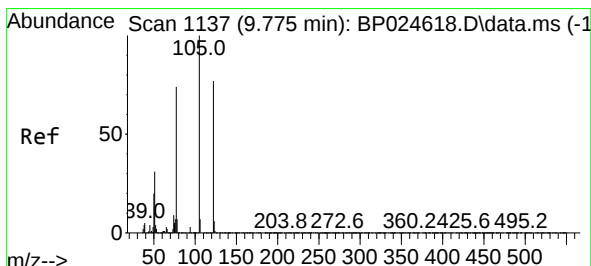
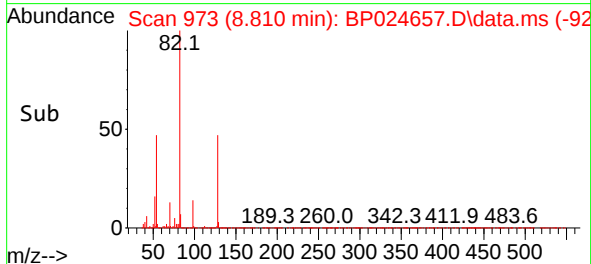
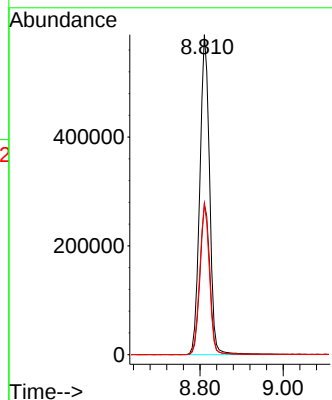
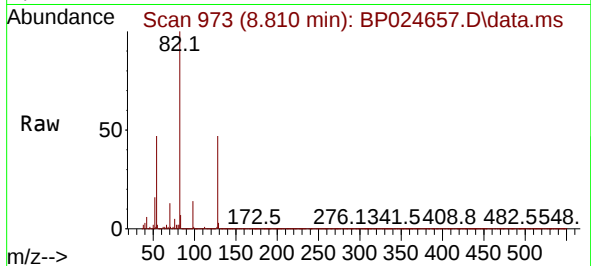




#23
Nitrobenzene-d5
Concen: 85.448 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

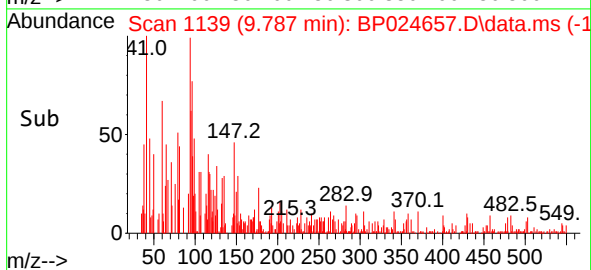
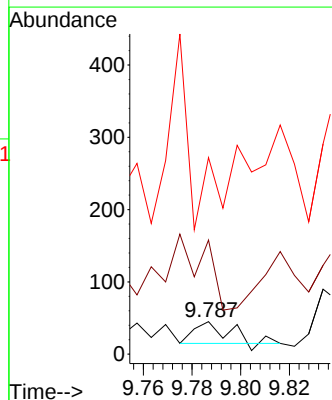
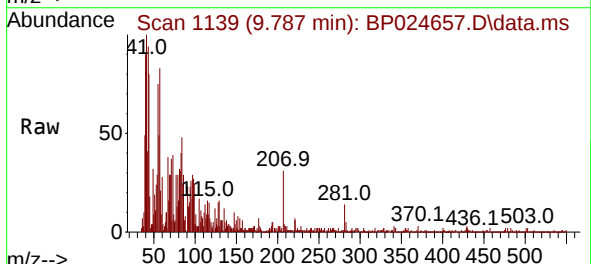
Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

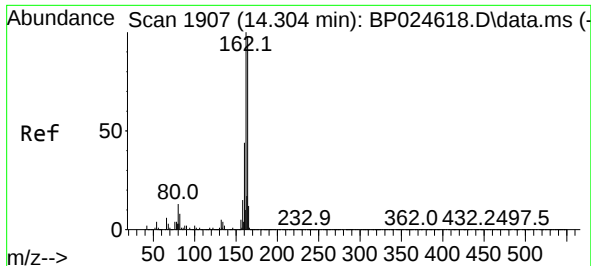
Tgt Ion: 82 Resp: 959886
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.4
54 47.0 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion: 122 Resp: 29
Ion Ratio Lower Upper
122 100
105 351.1 106.9 146.9#
77 604.4 75.1 115.1#

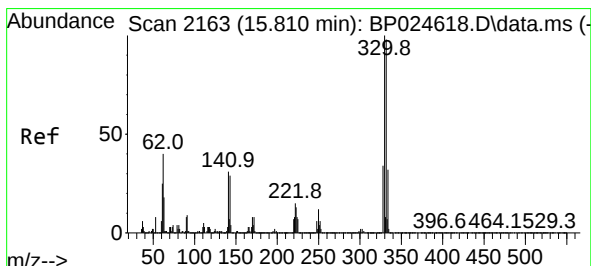
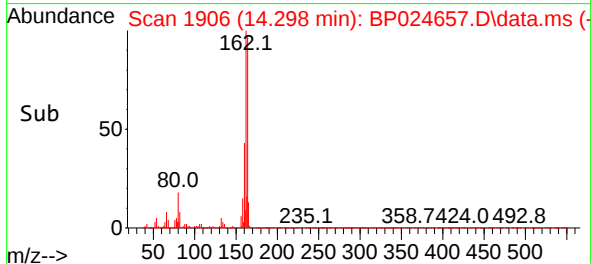
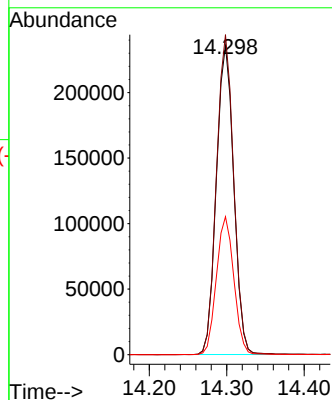
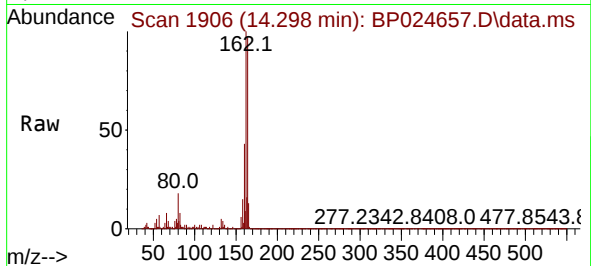




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

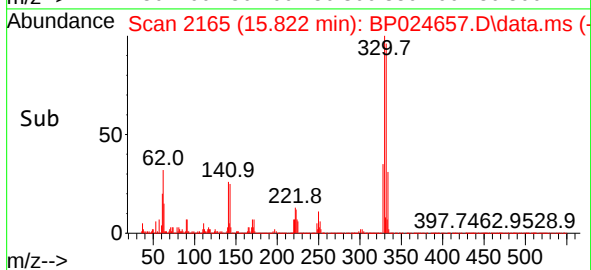
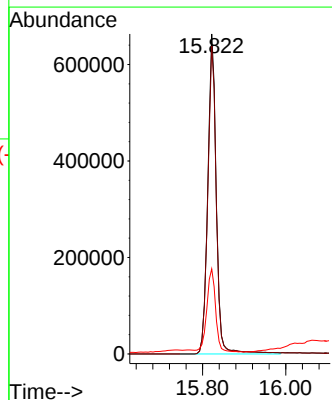
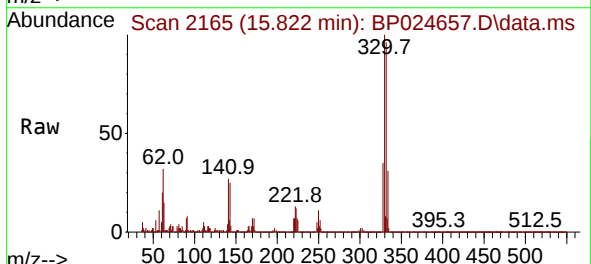
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ClientSampleId :
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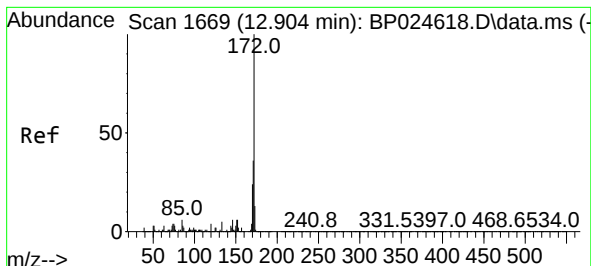
Tgt Ion:164 Resp: 368139
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 44.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 151.577 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:330 Resp: 945994
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 26.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 80.630 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024657.D

Acq: 16 May 2025 14:55

Instrument :

BNA_P

ClientSampleId :

MW-3-20250508-A

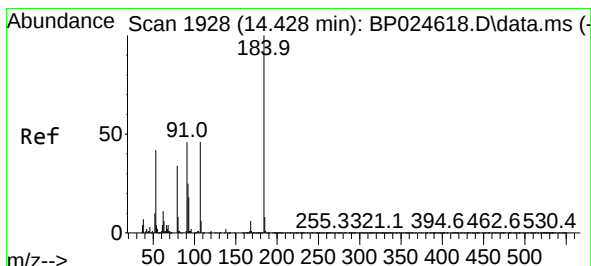
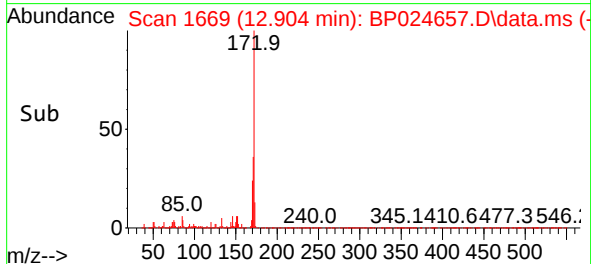
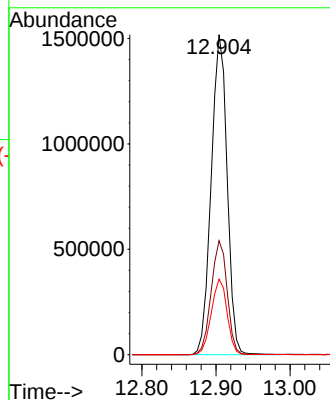
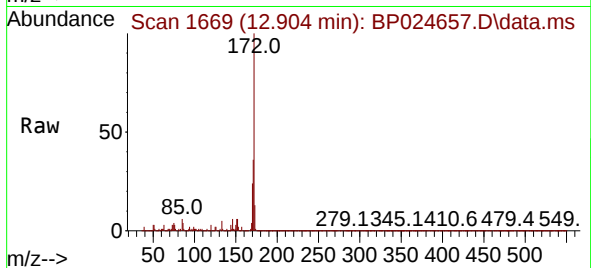
Tgt Ion:172 Resp: 2265661

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.6 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.425 ng

RT: 14.428 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BP024657.D

Acq: 16 May 2025 14:55

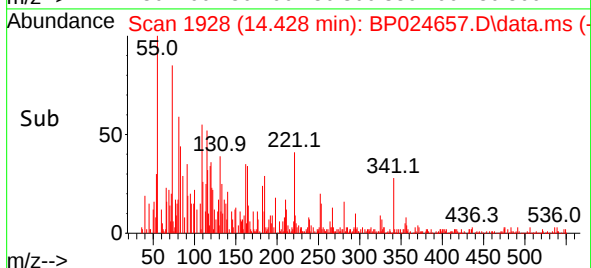
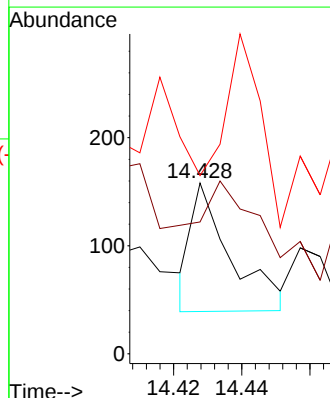
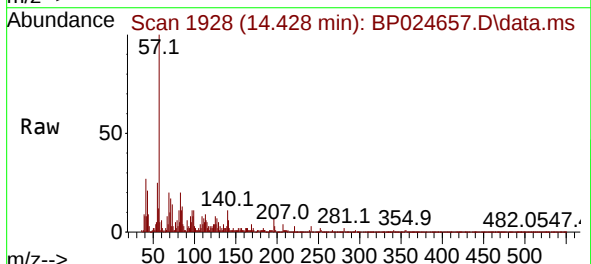
Tgt Ion:184 Resp: 96

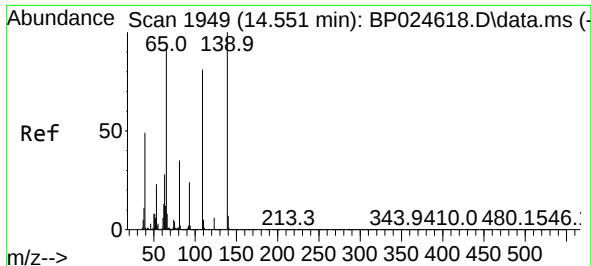
Ion Ratio Lower Upper

184 100

63 77.2 51.3 76.9#

154 104.4 53.5 80.3#

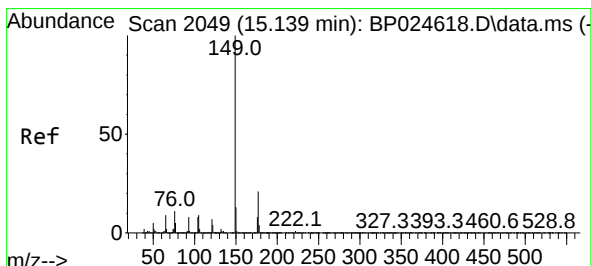
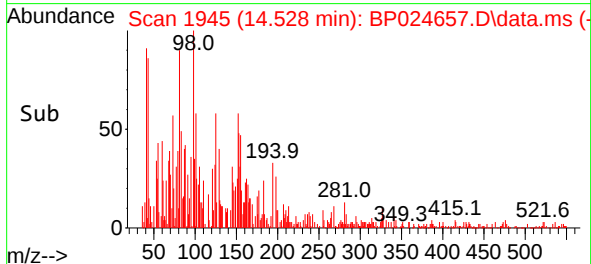
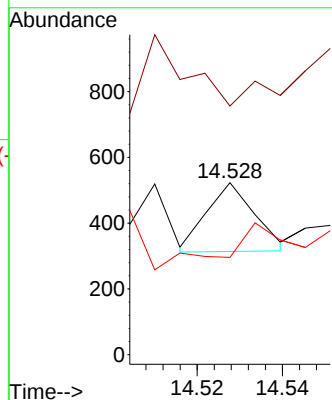
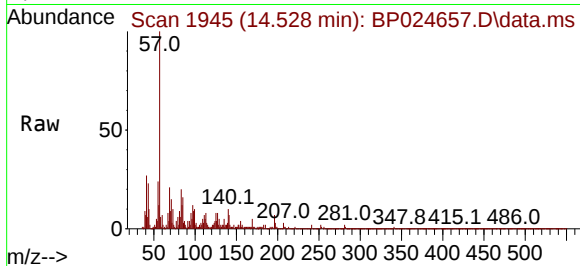




#56
4-Nitrophenol
Concen: 4.264 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.023 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

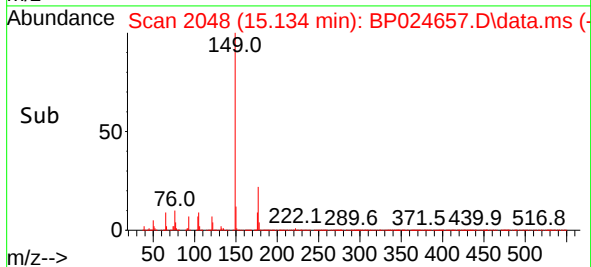
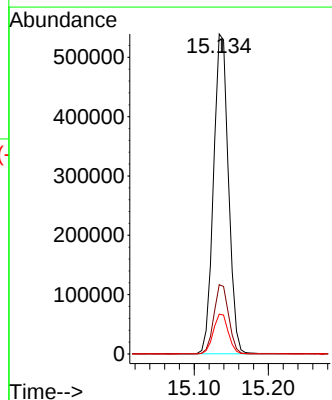
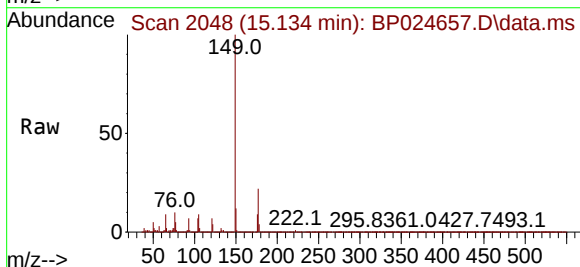
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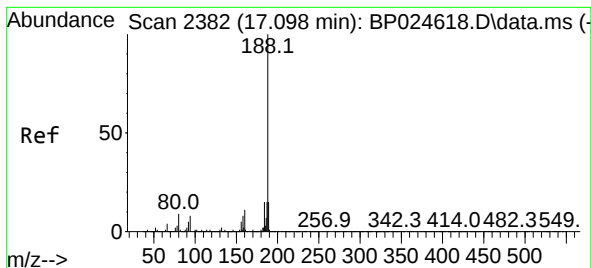
Tgt Ion:139 Resp: 163
Ion Ratio Lower Upper
139 100
109 144.6 61.4 101.4#
65 56.6 72.2 112.2#



#60
Diethylphthalate
Concen: 26.576 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:149 Resp: 753692
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.4 10.2 15.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024657.D

Acq: 16 May 2025 14:55

Instrument :

BNA_P

ClientSampleId :

MW-3-20250508-A

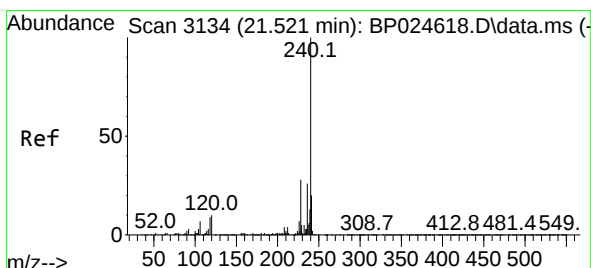
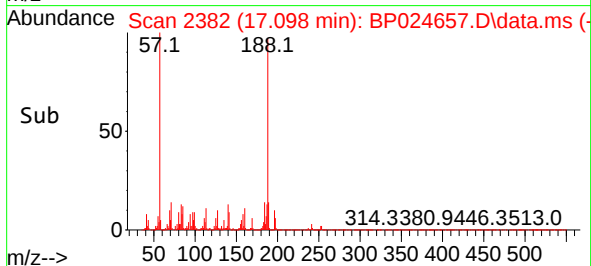
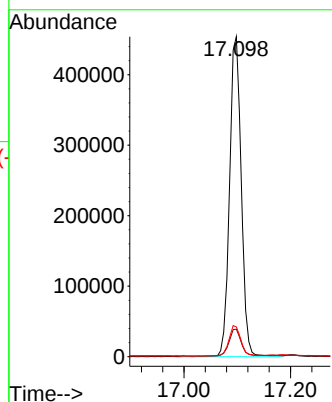
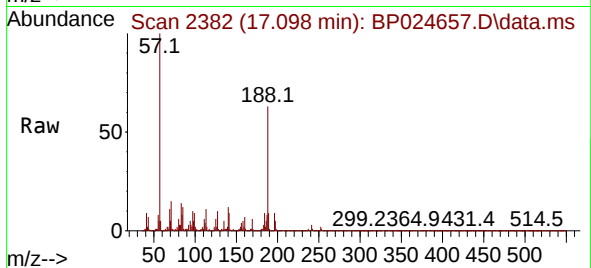
Tgt Ion:188 Resp: 690338

Ion Ratio Lower Upper

188 100

94 8.6 6.5 9.7

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024657.D

Acq: 16 May 2025 14:55

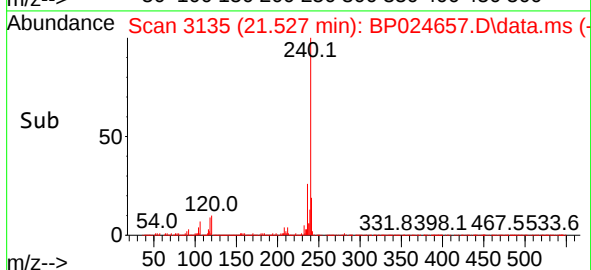
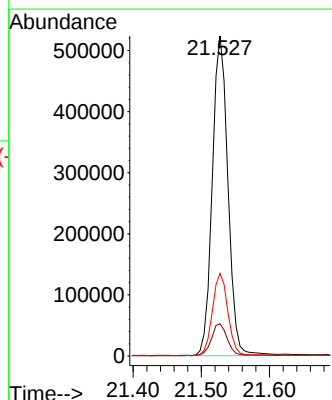
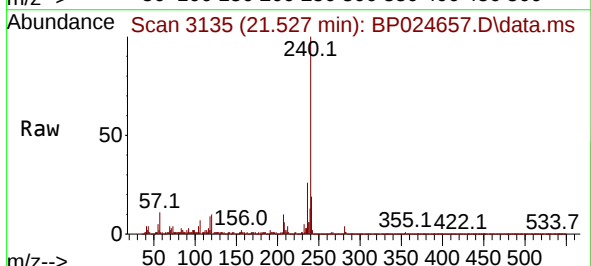
Tgt Ion:240 Resp: 838925

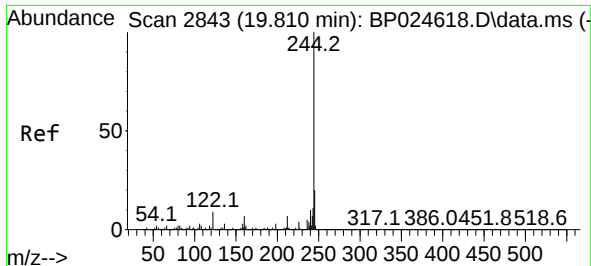
Ion Ratio Lower Upper

240 100

120 10.0 7.8 11.6

236 25.8 20.6 31.0

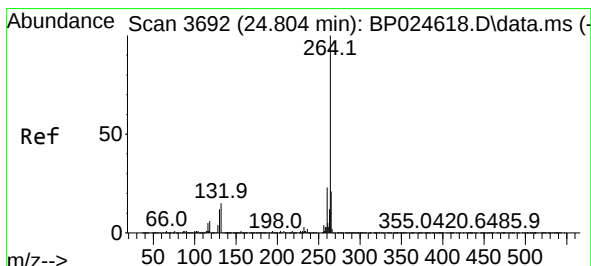
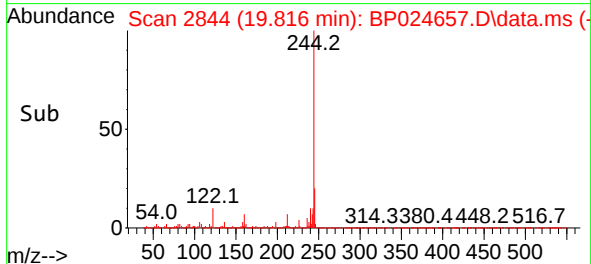
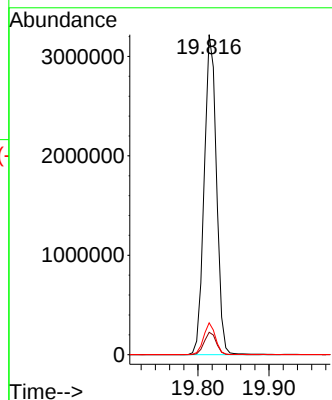
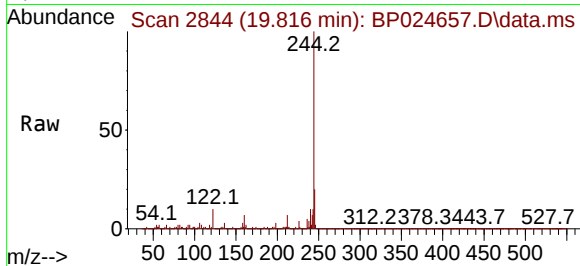




#79
 Terphenyl-d14
 Concen: 79.388 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024657.D
 Acq: 16 May 2025 14:55

Instrument :
 BNA_P
 ClientSampleId :
 MW-3-20250508-A

Tgt Ion:244 Resp: 3884097
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.0 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.821 min Scan# 3695
 Delta R.T. 0.018 min
 Lab File: BP024657.D
 Acq: 16 May 2025 14:55

Tgt Ion:264 Resp: 1069523
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.0 17.0 25.6

