

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024941.D
 Acq On : 13 Jun 2025 12:48
 Operator : RC/JU
 Sample : Q2296-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Quant Time: Jun 13 13:18:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

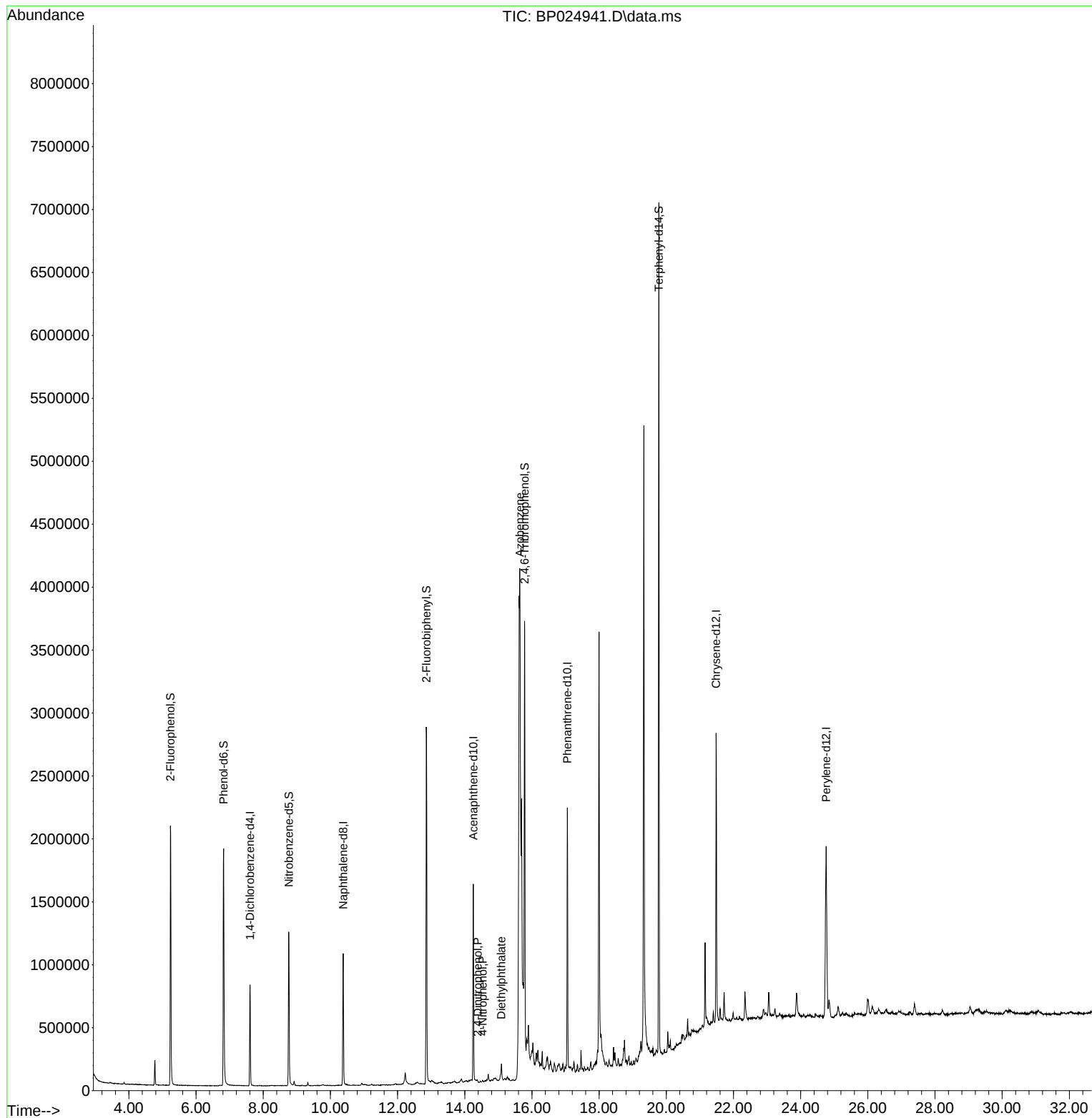
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	216994	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	834132	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	564095	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1178607	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1307390	20.000	ng	0.00
86) Perylene-d12	24.760	264	1553032	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	999204	76.863	ng	0.00
7) Phenol-d6	6.819	99	1272596	73.987	ng	0.00
23) Nitrobenzene-d5	8.760	82	743593	43.319	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	732955	93.982	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	1644211	39.266	ng	0.00
79) Terphenyl-d14	19.777	244	3309966	45.375	ng	-0.02
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.384	184	42	5.570	ng	# 1
56) 4-Nitrophenol	14.531	139	289	5.443	ng	# 34
60) Diethylphthalate	15.089	149	102522	2.472	ng	99
63) Azobenzene	15.642	77	185037	4.865	ng	# 1

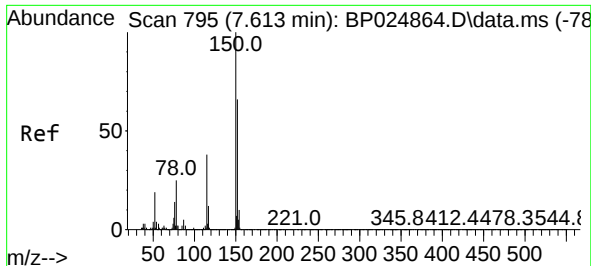
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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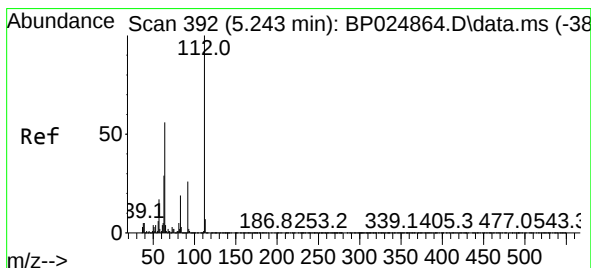
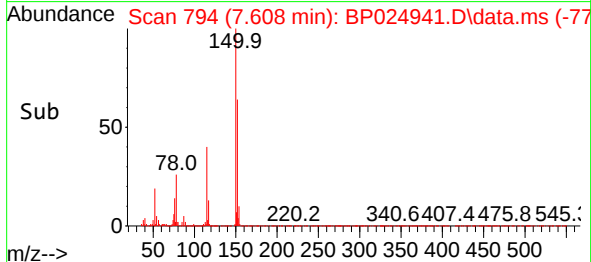
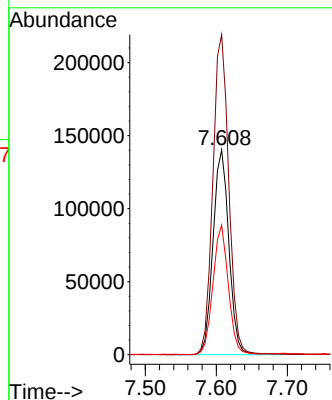
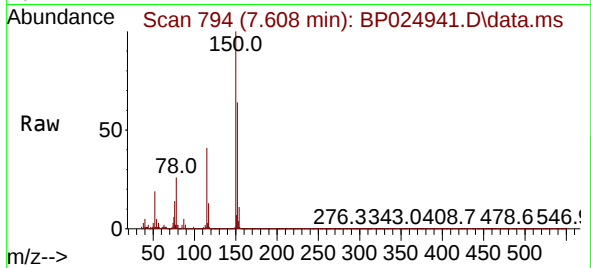




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

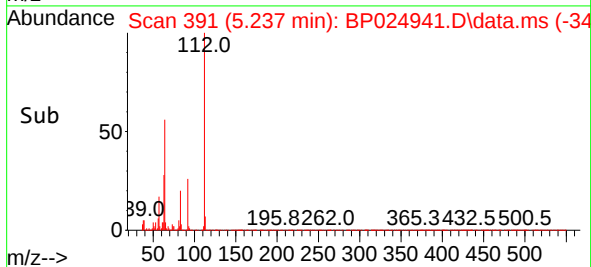
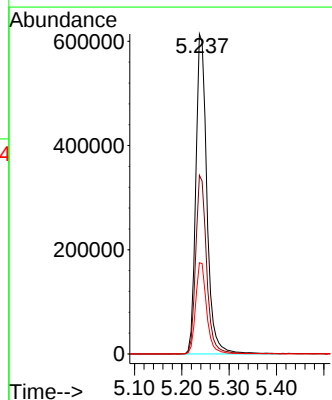
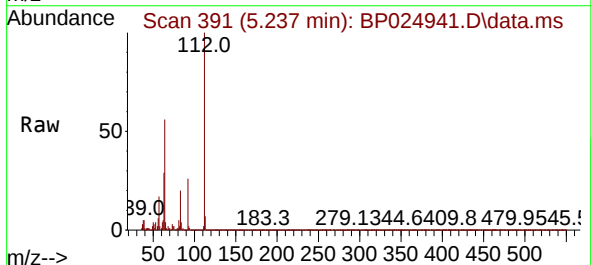
Instrument :
BNA_P
ClientSampleId :
WC-4

Tgt Ion:152 Resp: 216994
Ion Ratio Lower Upper
152 100
150 156.2 122.1 183.1
115 63.3 46.4 69.6



#5
2-Fluorophenol
Concen: 76.863 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

Tgt Ion:112 Resp: 999204
Ion Ratio Lower Upper
112 100
64 55.8 44.7 67.1
63 28.5 23.5 35.3

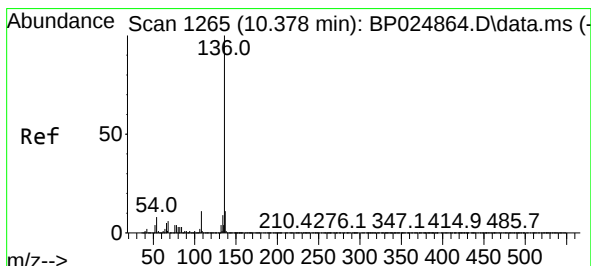
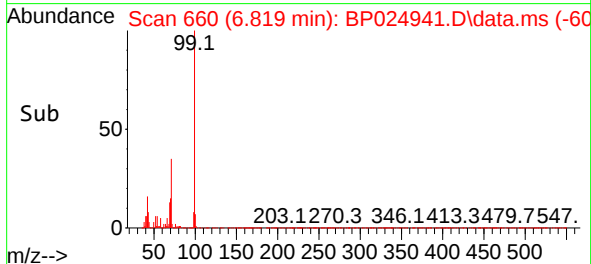
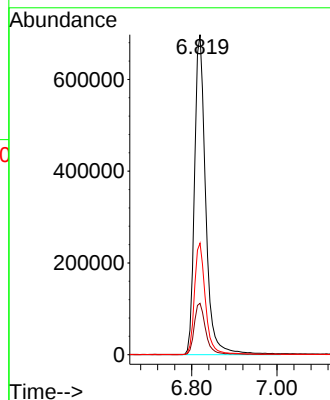
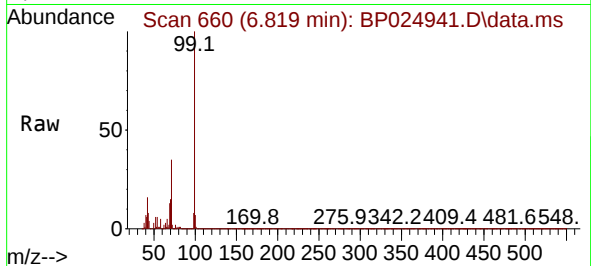




#7
Phenol-d6
Concen: 73.987 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

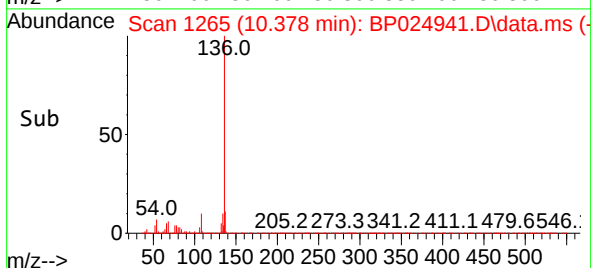
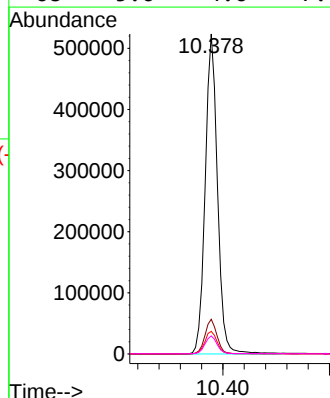
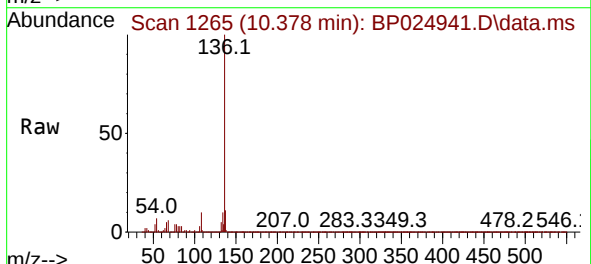
Instrument :
BNA_P
ClientSampleId :
WC-4

Tgt Ion: 99 Resp: 1272596
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 34.9 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

Tgt Ion: 136 Resp: 834132
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 6.1 9.1
68 5.6 4.6 7.0

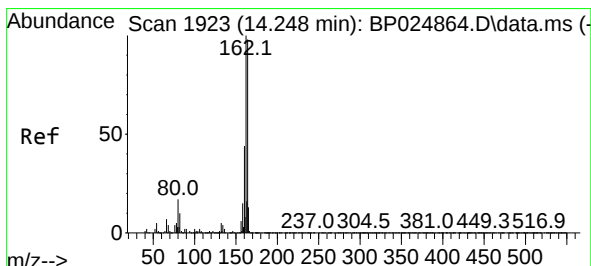
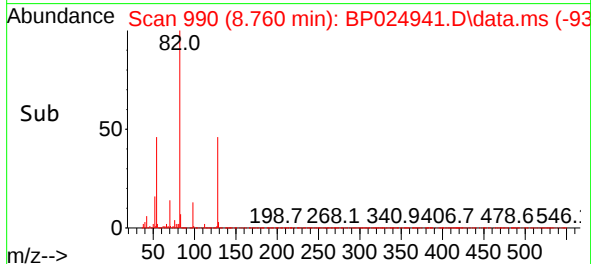
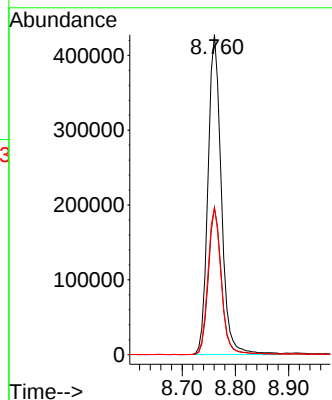
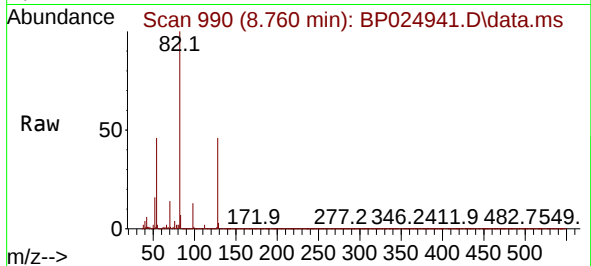




#23
Nitrobenzene-d5
Concen: 43.319 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

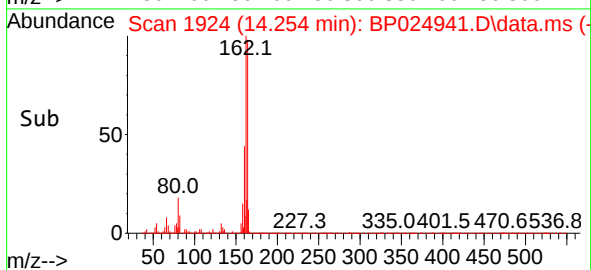
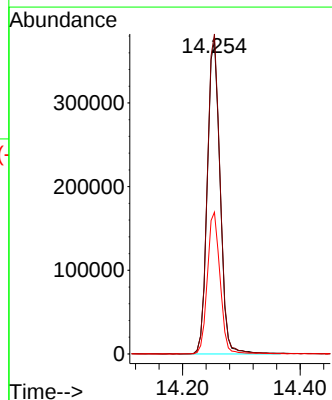
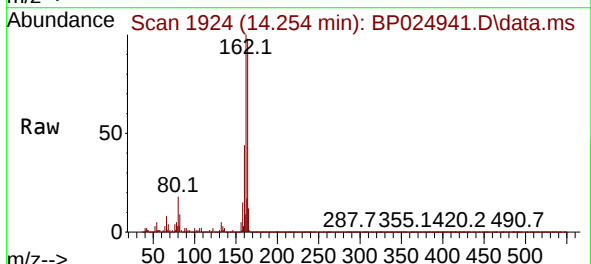
Instrument :
BNA_P
ClientSampleId :
WC-4

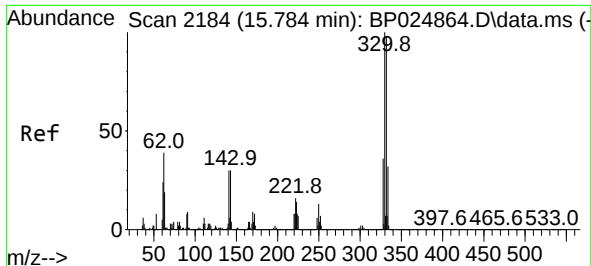
Tgt Ion: 82 Resp: 743593
Ion Ratio Lower Upper
82 100
128 45.9 35.3 52.9
54 46.0 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

Tgt Ion:164 Resp: 564095
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.2 36.2 54.2

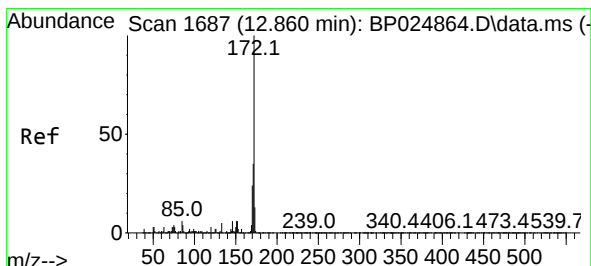
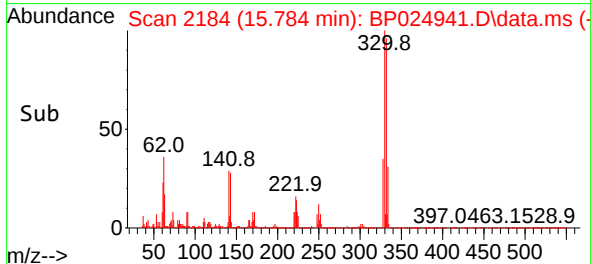
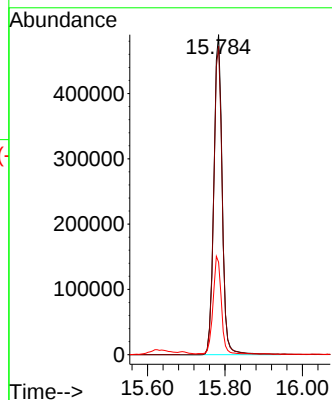
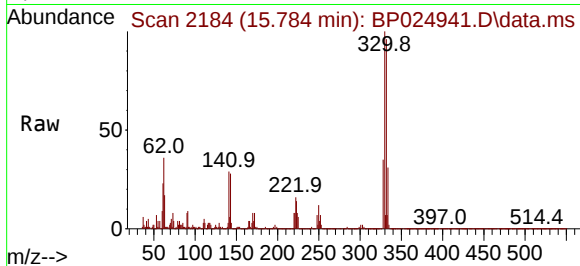




#42
2,4,6-Tribromophenol
Concen: 93.982 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

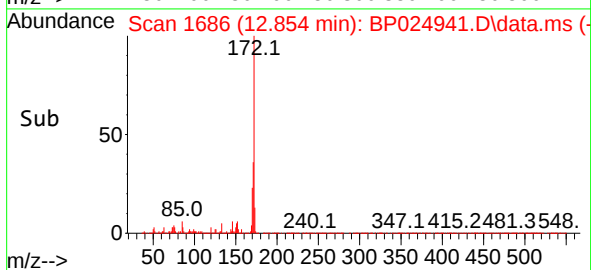
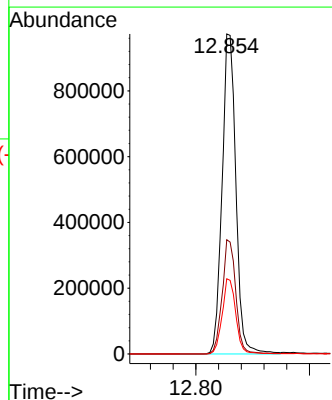
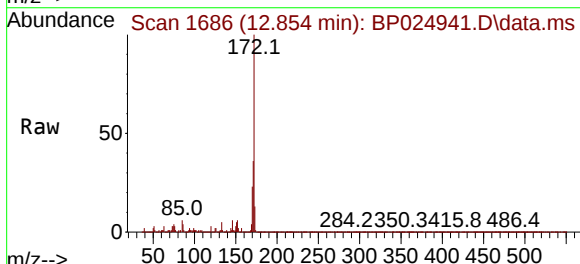
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ClientSampleId :
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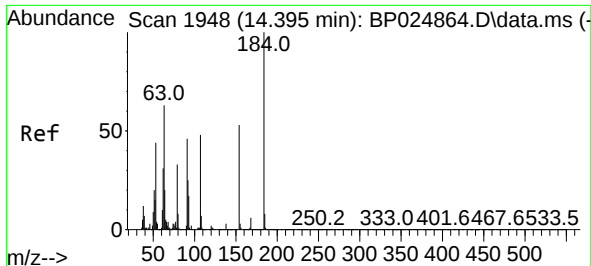
Tgt Ion:330 Resp: 732955
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 30.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 39.266 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

Tgt Ion:172 Resp: 1644211
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 19.0 28.4

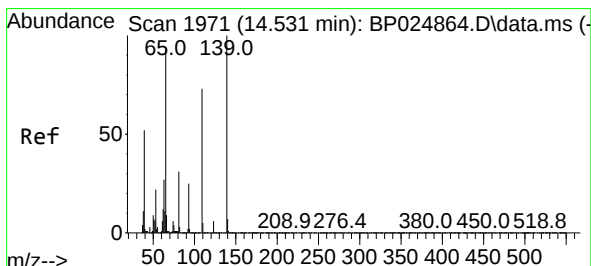
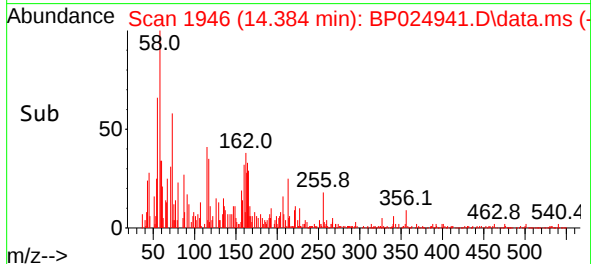
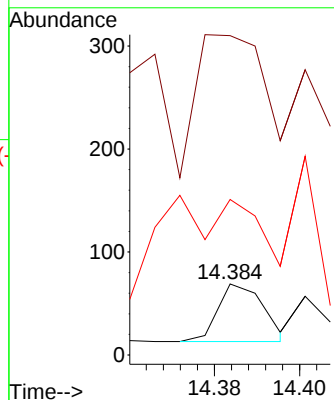
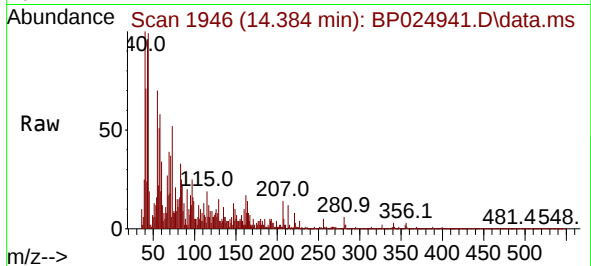




#54
2,4-Dinitrophenol
Concen: 5.570 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

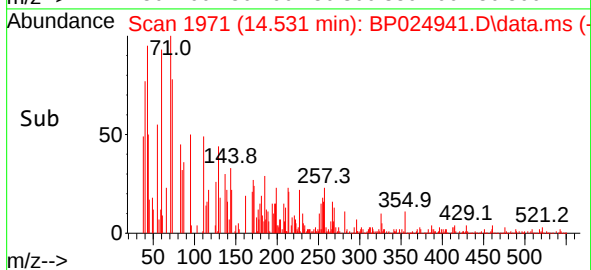
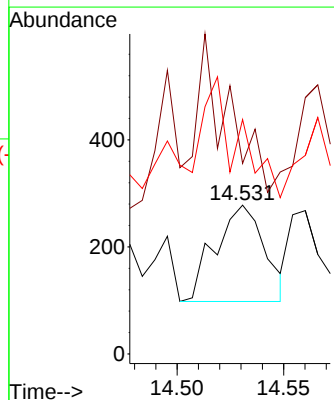
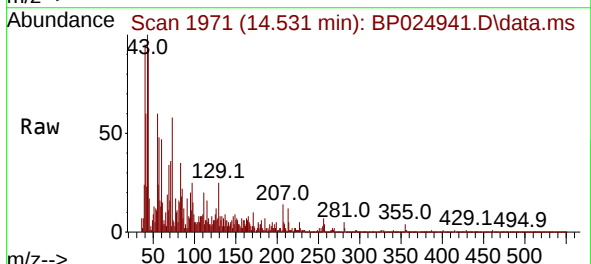
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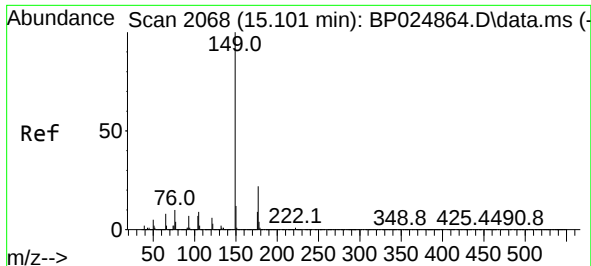
Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 449.3 51.0 76.4#
154 218.8 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.443 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

Tgt Ion:139 Resp: 289
Ion Ratio Lower Upper
139 100
109 128.1 53.1 93.1#
65 157.6 73.0 113.0#

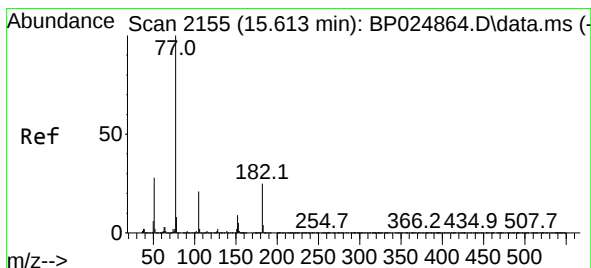
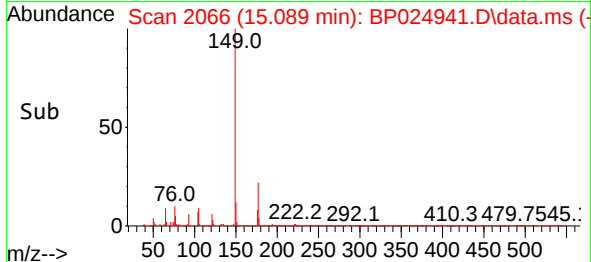
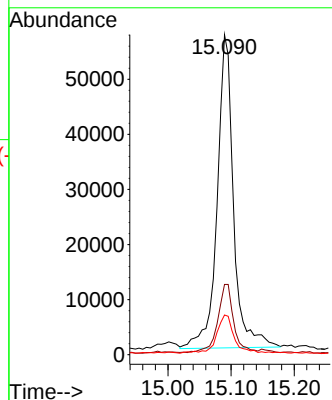
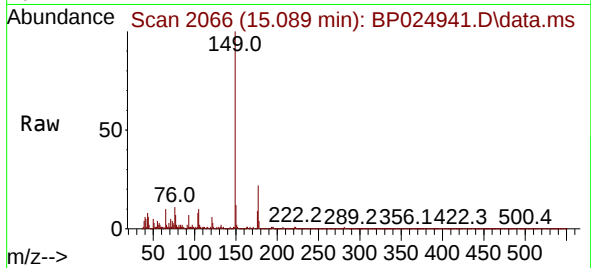




#60
Diethylphthalate
Concen: 2.472 ng
RT: 15.089 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

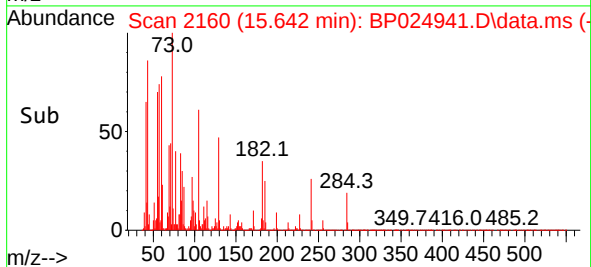
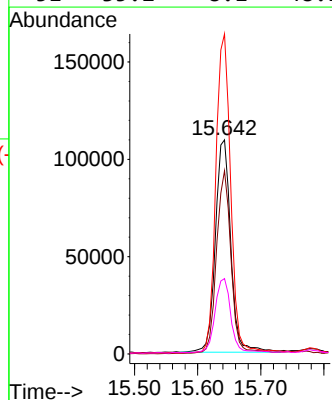
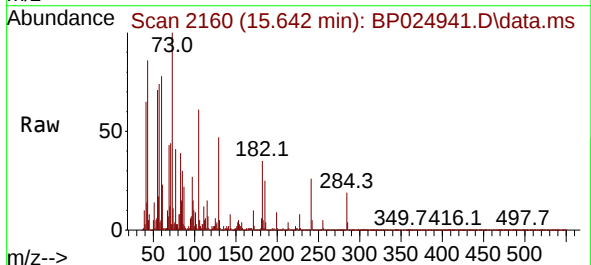
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ClientSampleId :
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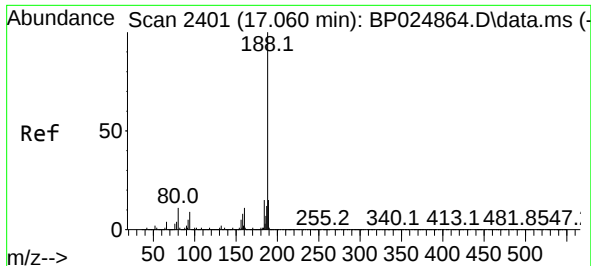
Tgt Ion:149 Resp: 102522
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.4 9.8 14.6



#63
Azobenzene
Concen: 4.865 ng
RT: 15.642 min Scan# 2160
Delta R.T. 0.029 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

Tgt Ion: 77 Resp: 185037
Ion Ratio Lower Upper
77 100
182 85.6 5.4 45.4#
105 149.5 0.8 40.8#
51 35.2 8.1 48.1

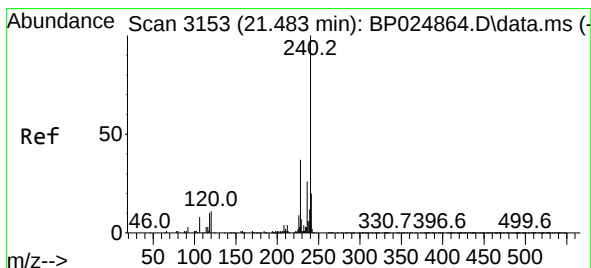
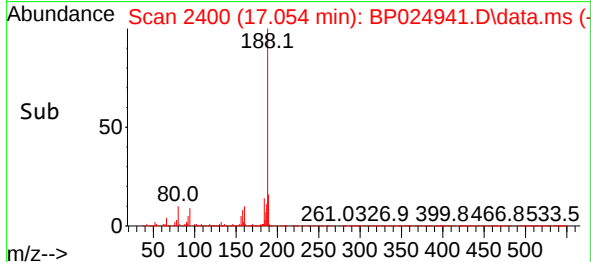
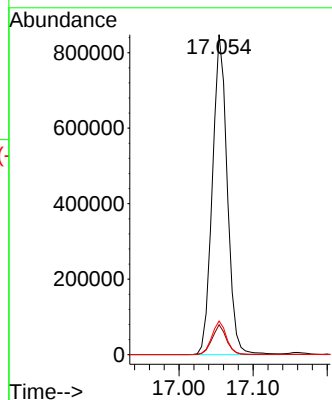
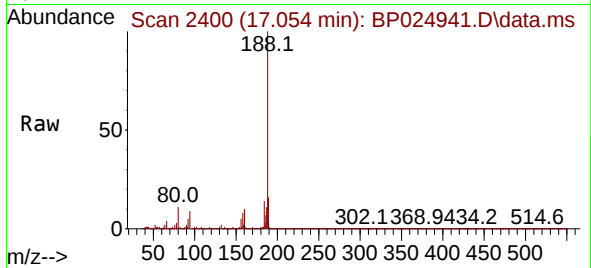




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

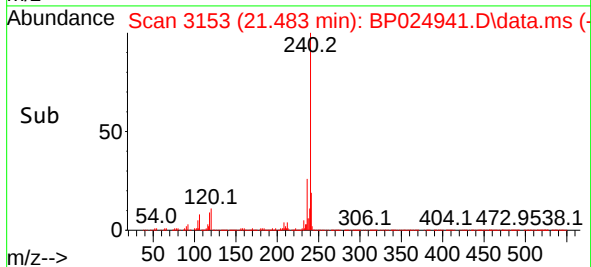
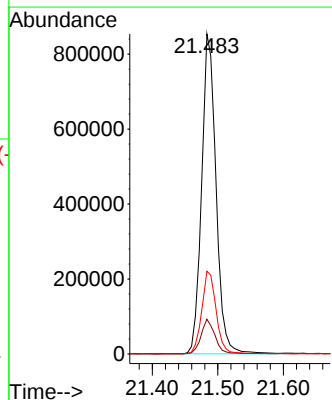
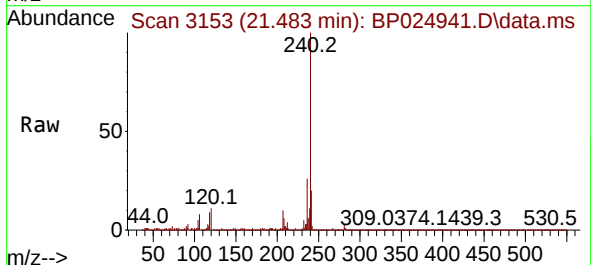
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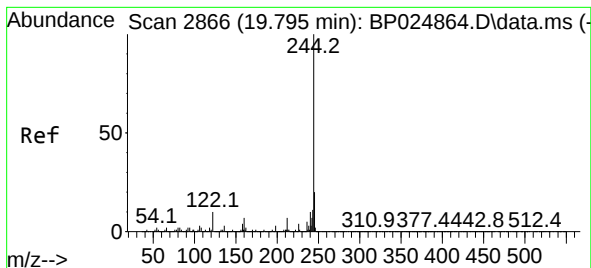
Tgt Ion:188 Resp: 1178607
Ion Ratio Lower Upper
188 100
94 9.4 7.3 10.9
80 10.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024941.D
Acq: 13 Jun 2025 12:48

Tgt Ion:240 Resp: 1307390
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 45.375 ng

RT: 19.777 min Scan# 2

Delta R.T. -0.018 min

Lab File: BP024941.D

Acq: 13 Jun 2025 12:48

Instrument :

BNA_P

ClientSampleId :

WC-4

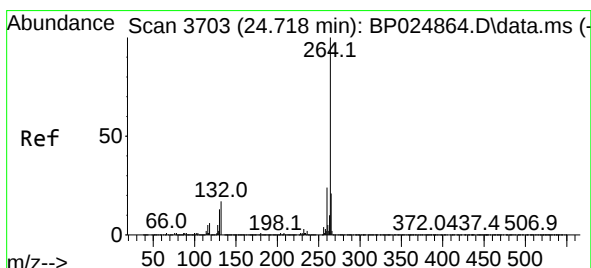
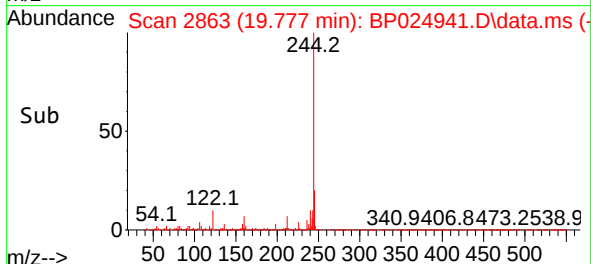
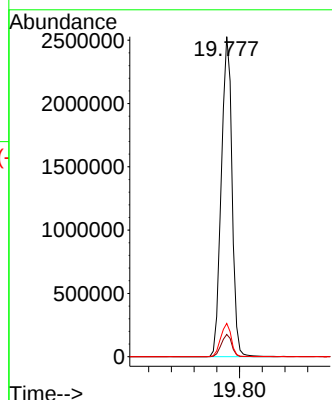
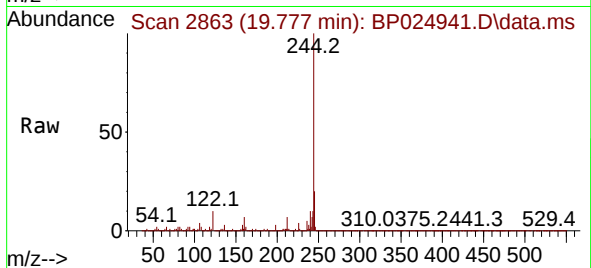
Tgt Ion:244 Resp: 3309966

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.760 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP024941.D

Acq: 13 Jun 2025 12:48

Tgt Ion:264 Resp: 1553032

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 22.0 17.4 26.0

