

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024881.D
 Acq On : 09 Jun 2025 17:35
 Operator : RC/JU
 Sample : Q2230-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW901-060425

Quant Time: Jun 09 18:16:06 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)

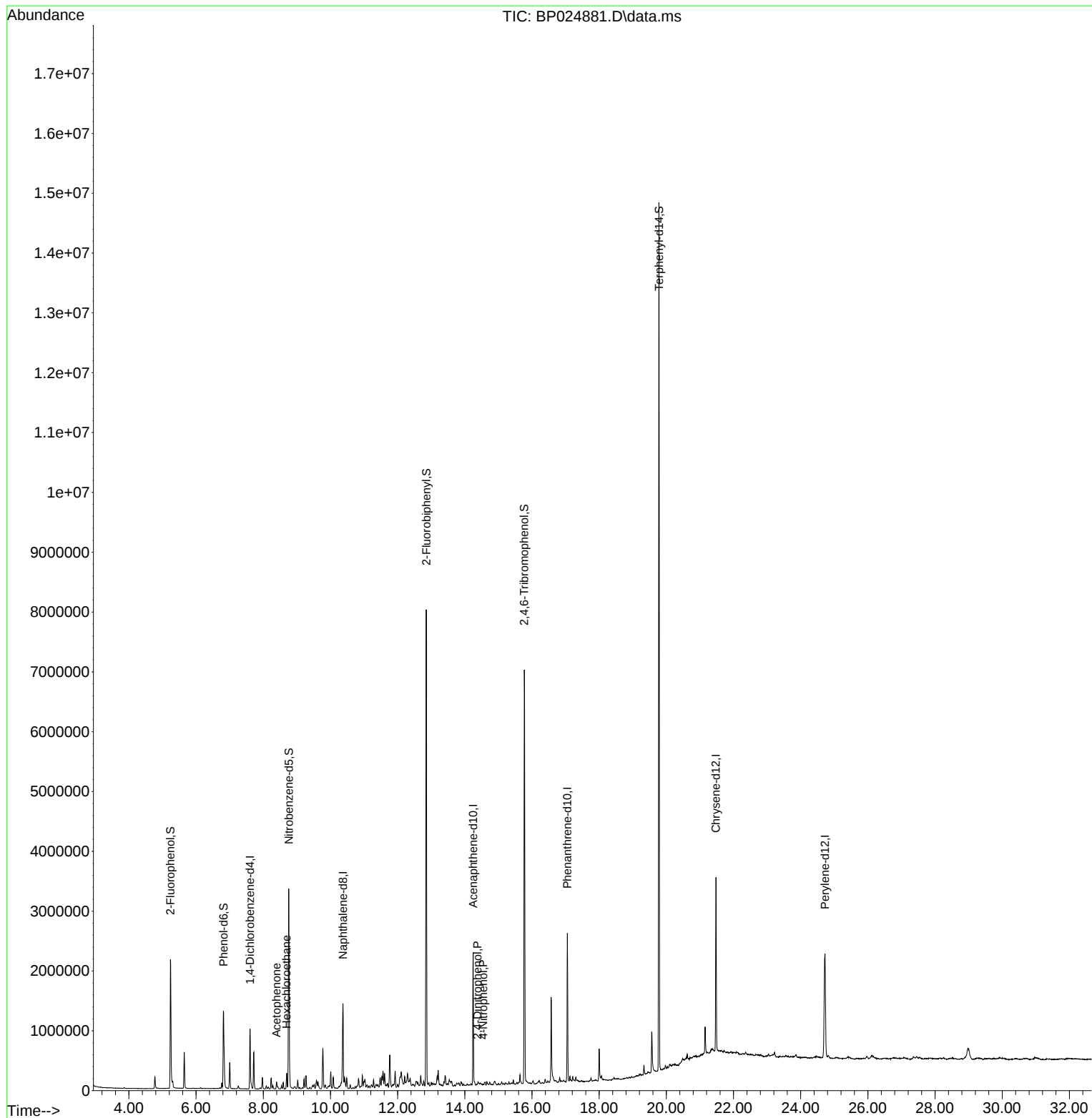
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	269752	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	1068626	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	664052	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1331033	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1566442	20.000	ng	0.00
86) Perylene-d12	24.724	264	1838040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1084815	67.127	ng	0.00
7) Phenol-d6	6.813	99	875177	40.930	ng	0.00
23) Nitrobenzene-d5	8.760	82	1889460	85.918	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1453971	158.369	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	4010432	81.357	ng	0.00
79) Terphenyl-d14	19.783	244	7173932	82.081	ng	-0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	8.695	117	32723	4.215	ng	# 1
22) Acetophenone	8.395	105	102534	3.798	ng	# 57
54) 2,4-Dinitrophenol	14.377	184	134	5.582	ng	# 1
56) 4-Nitrophenol	14.548	139	409	5.450	ng	# 1

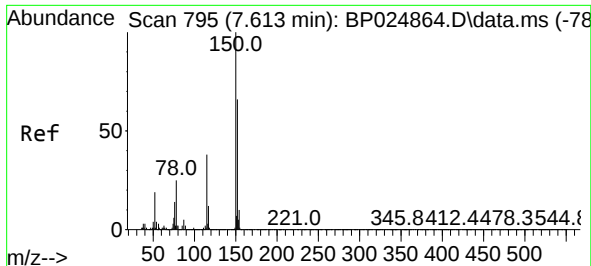
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
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QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

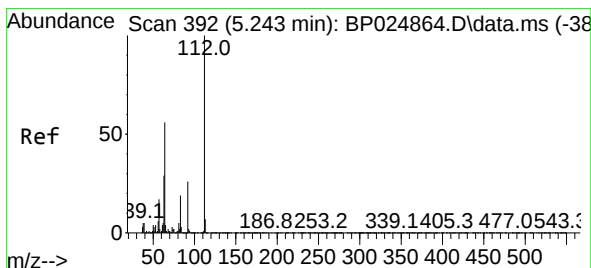
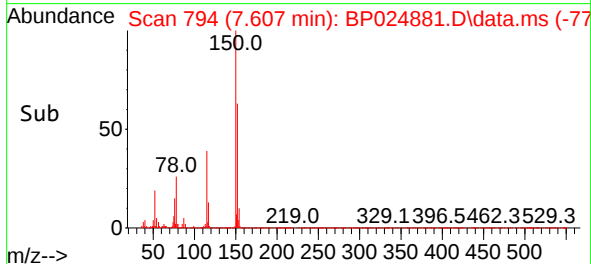
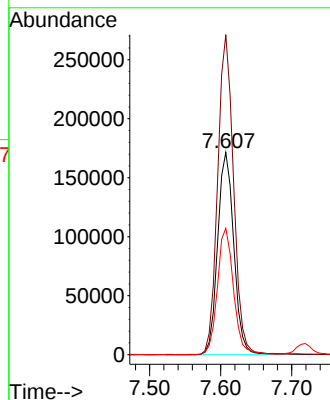
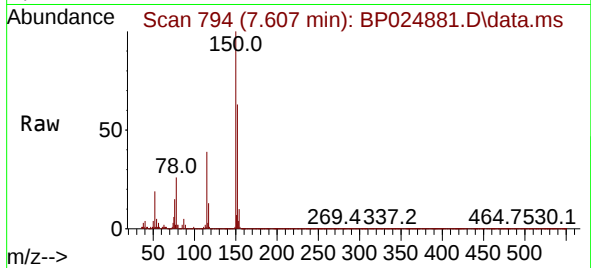




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.607 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024881.D
 Acq: 09 Jun 2025 17:35

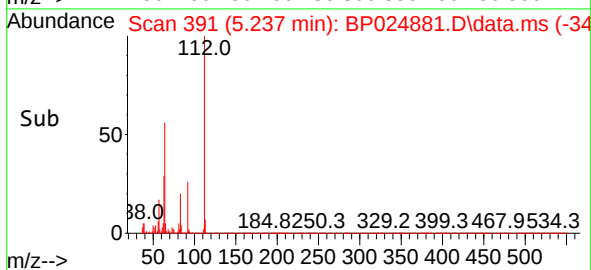
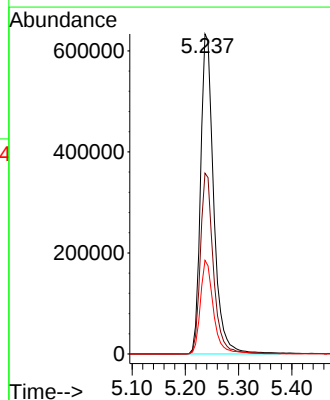
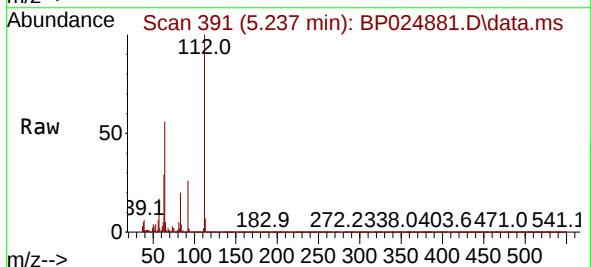
Instrument :
 BNA_P
 ClientSampleId :
 GW-MW901-060425

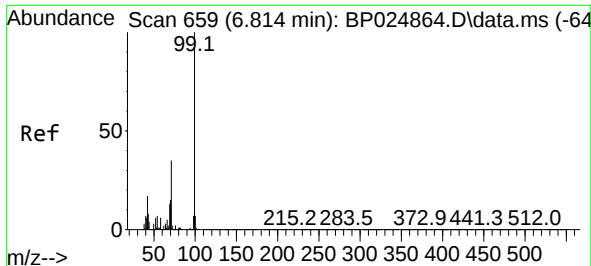
Tgt Ion:152 Resp: 269752
 Ion Ratio Lower Upper
 152 100
 150 158.3 122.1 183.1
 115 62.5 46.4 69.6



#5
 2-Fluorophenol
 Concen: 67.127 ng
 RT: 5.237 min Scan# 391
 Delta R.T. -0.006 min
 Lab File: BP024881.D
 Acq: 09 Jun 2025 17:35

Tgt Ion:112 Resp: 1084815
 Ion Ratio Lower Upper
 112 100
 64 56.5 44.7 67.1
 63 29.3 23.5 35.3

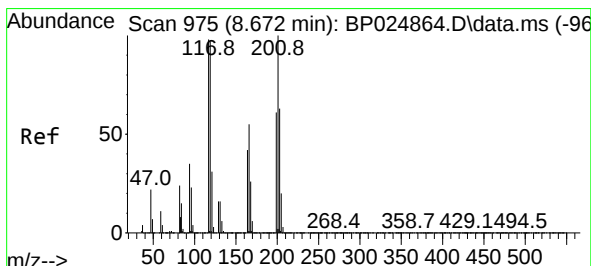
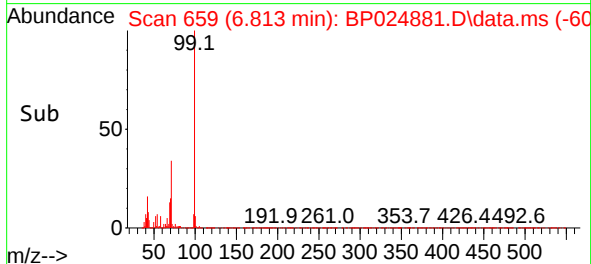
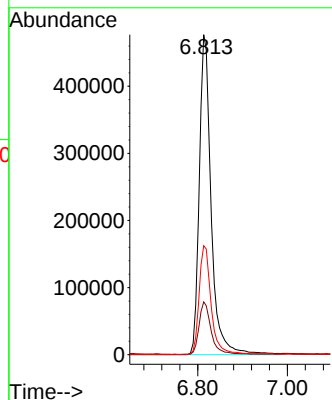
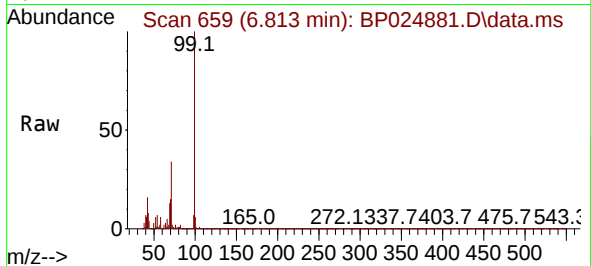




#7
Phenol-d6
Concen: 40.930 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

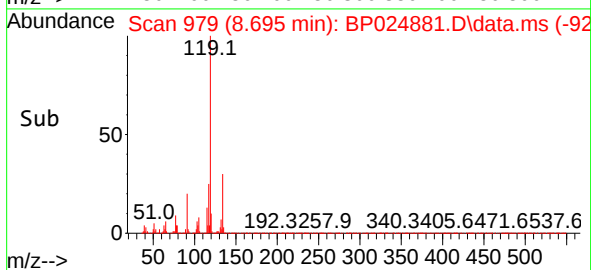
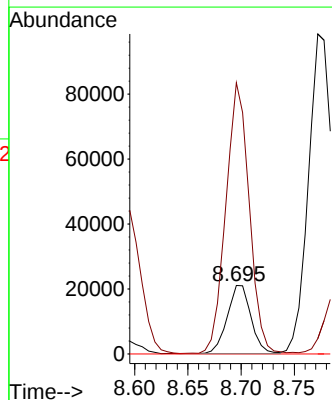
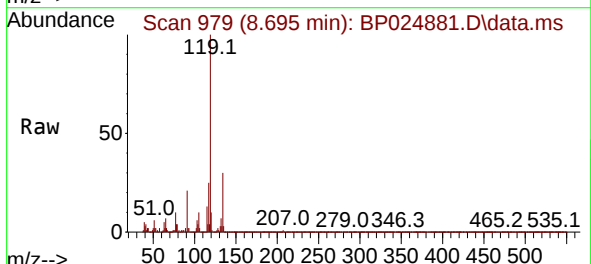
Instrument :
BNA_P
ClientSampleId :
GW-MW901-060425

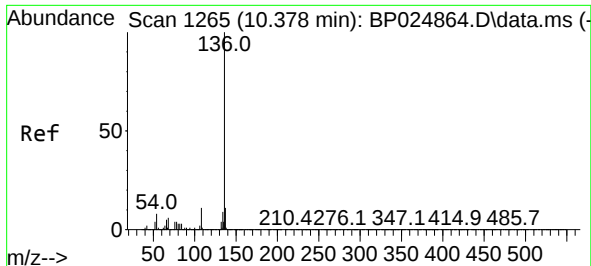
Tgt Ion: 99 Resp: 875177
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.1 27.6 41.4



#18
Hexachloroethane
Concen: 4.215 ng
RT: 8.695 min Scan# 979
Delta R.T. 0.023 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

Tgt Ion: 117 Resp: 32723
Ion Ratio Lower Upper
117 100
119 395.8 79.4 119.2#
201 0.1 81.4 122.2#

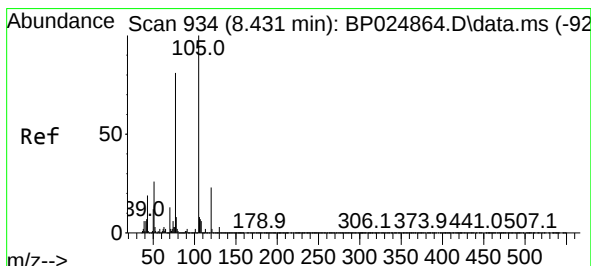
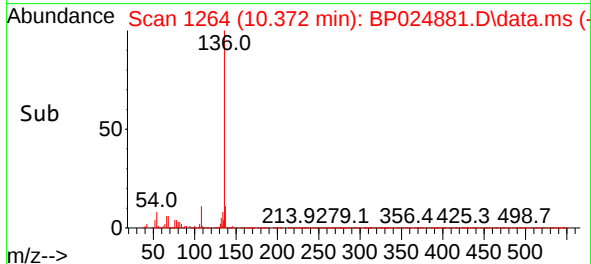
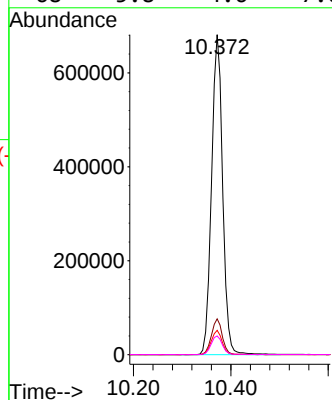
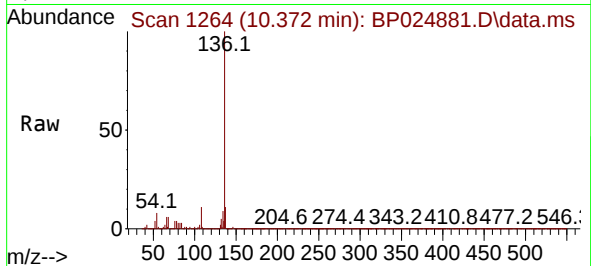




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

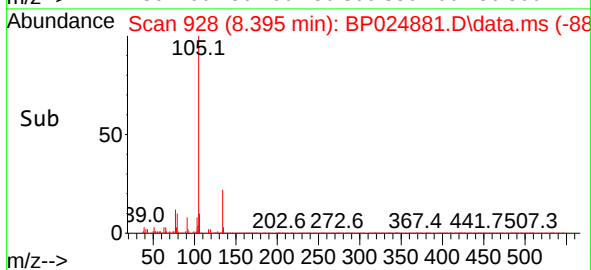
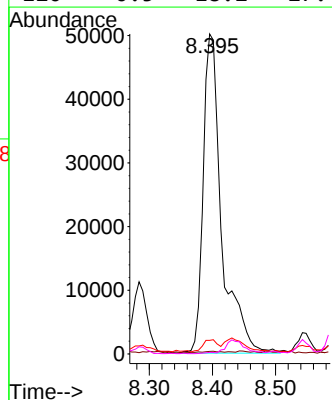
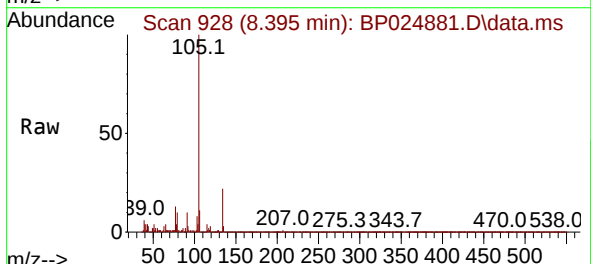
Instrument :
BNA_P
ClientSampleId :
GW-MW901-060425

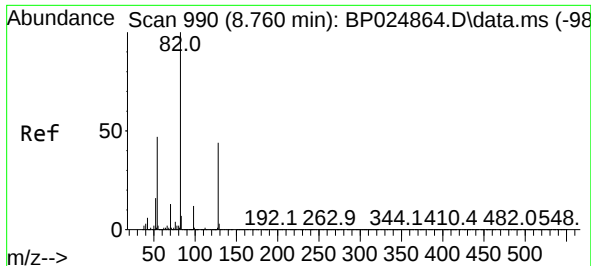
Tgt Ion:136 Resp: 1068626
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.6 6.1 9.1
68 5.8 4.6 7.0



#22
Acetophenone
Concen: 3.798 ng
RT: 8.395 min Scan# 928
Delta R.T. -0.036 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

Tgt Ion:105 Resp: 102534
Ion Ratio Lower Upper
105 100
71 0.8 1.6 2.4#
51 4.3 20.6 31.0#
120 0.5 18.2 27.4#

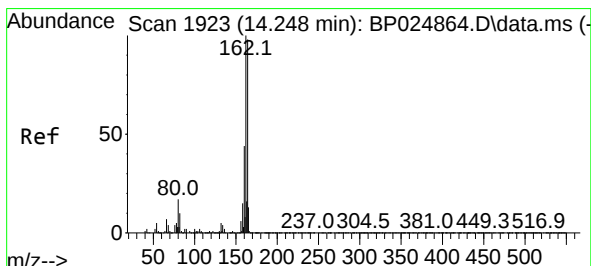
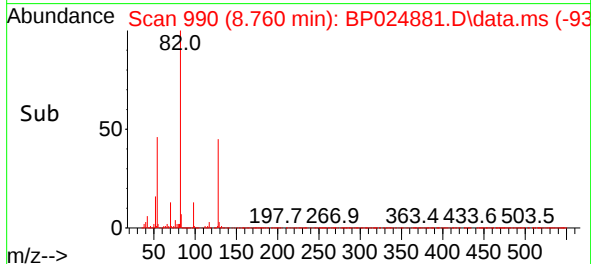
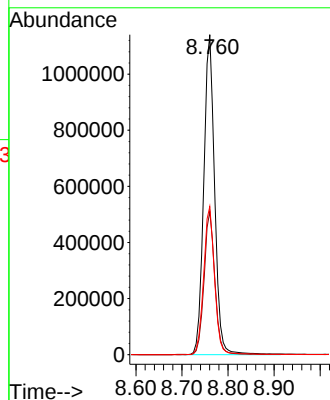
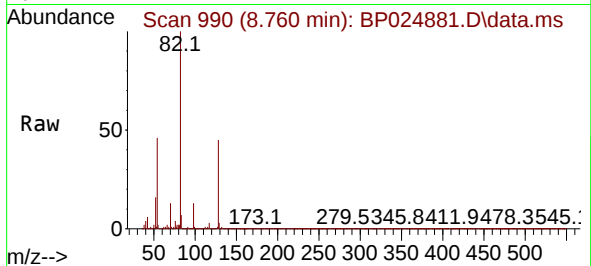




#23
Nitrobenzene-d5
Concen: 85.918 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

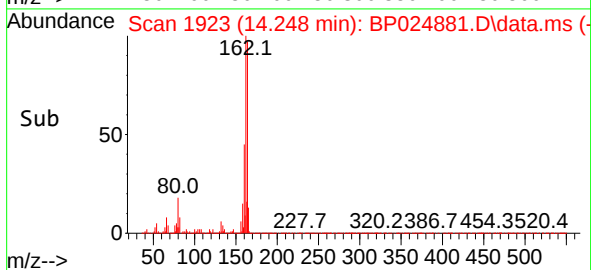
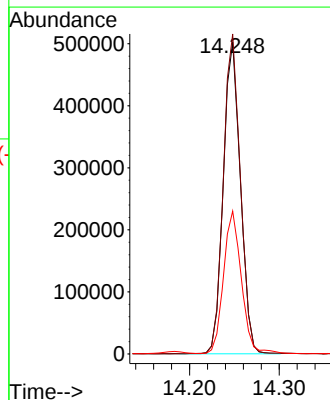
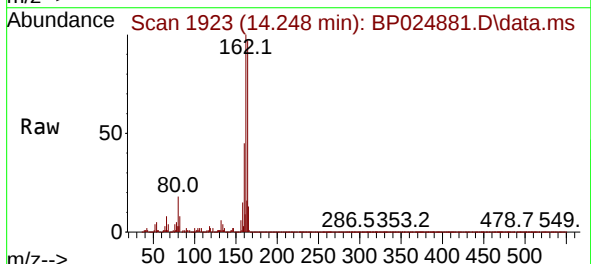
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ClientSampleId :
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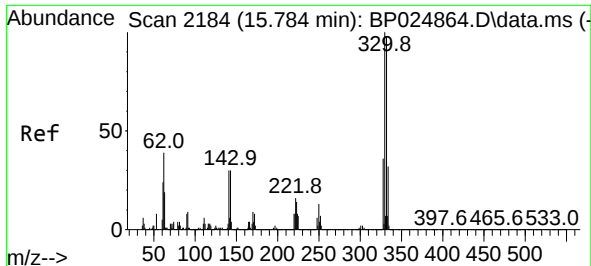
Tgt Ion: 82 Resp: 1889460
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 46.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

Tgt Ion:164 Resp: 664052
Ion Ratio Lower Upper
164 100
162 102.7 81.6 122.4
160 45.8 36.2 54.2

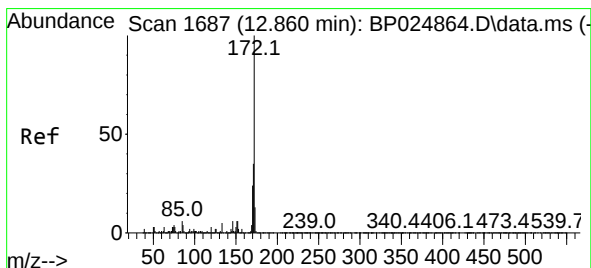
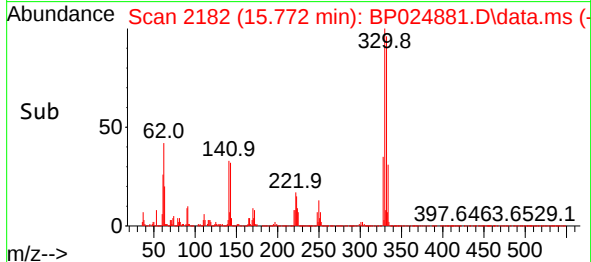
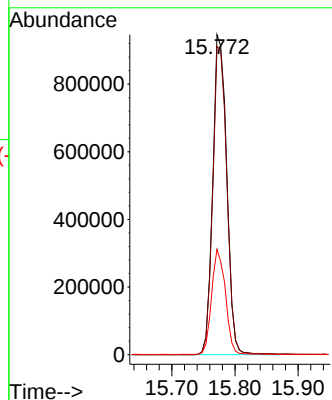
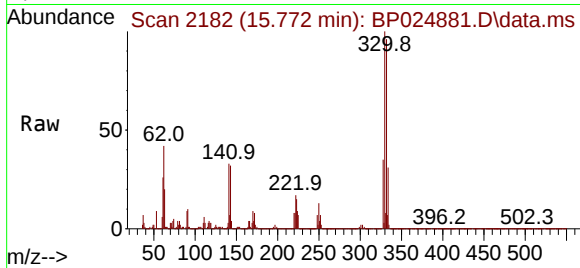




#42
2,4,6-Tribromophenol
Concen: 158.369 ng
RT: 15.772 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

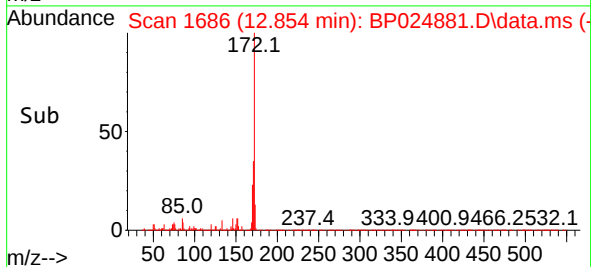
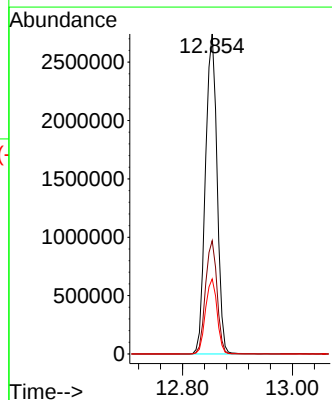
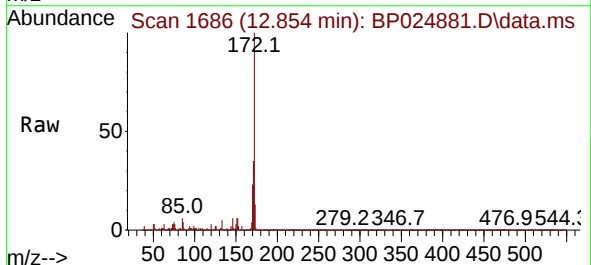
Instrument :
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ClientSampleId :
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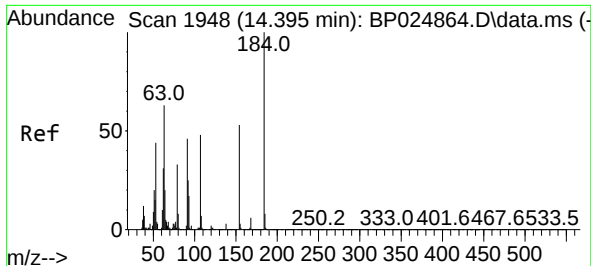
Tgt Ion:330 Resp: 1453971
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 32.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 81.357 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

Tgt Ion:172 Resp: 4010432
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 19.0 28.4

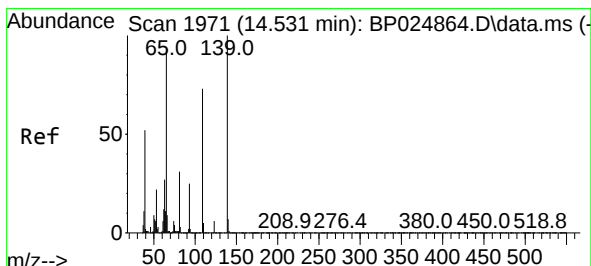
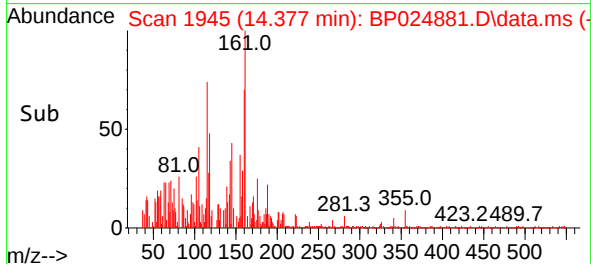
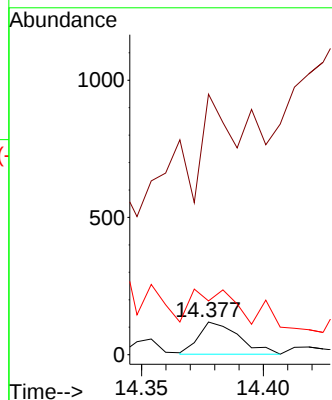
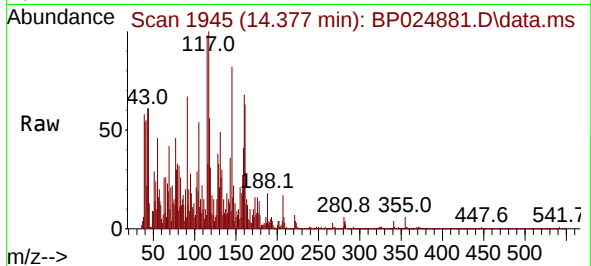




#54
2,4-Dinitrophenol
Concen: 5.582 ng
RT: 14.377 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

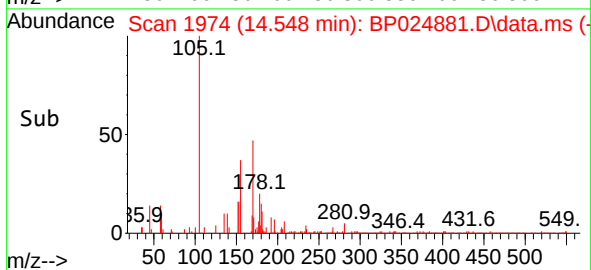
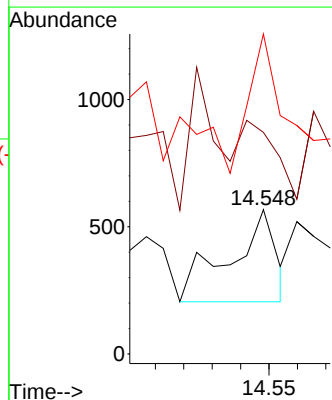
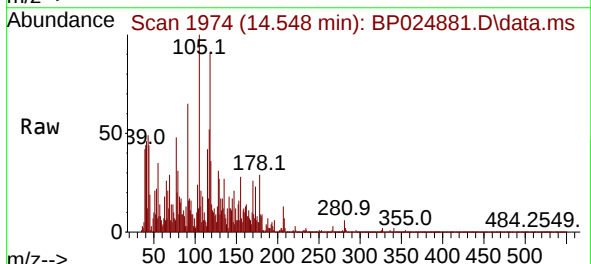
Instrument :
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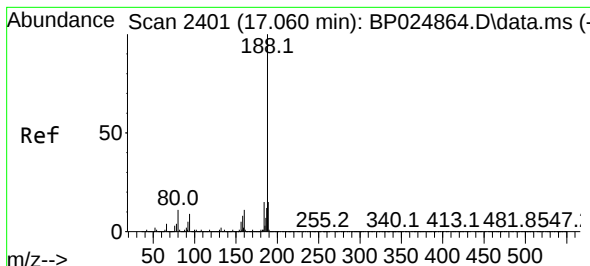
Tgt Ion:184 Resp: 134
Ion Ratio Lower Upper
184 100
63 797.5 51.0 76.4#
154 164.7 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.450 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

Tgt Ion:139 Resp: 409
Ion Ratio Lower Upper
139 100
109 153.6 53.1 93.1#
65 221.9 73.0 113.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.054 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BP024881.D

Acq: 09 Jun 2025 17:35

Instrument :

BNA_P

ClientSampleId :

GW-MW901-060425

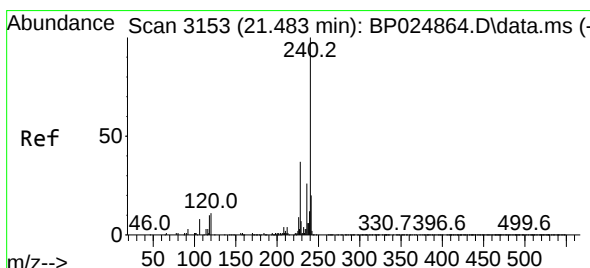
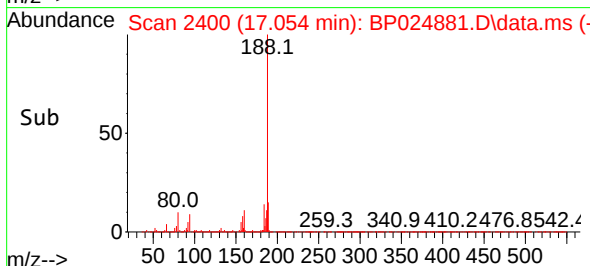
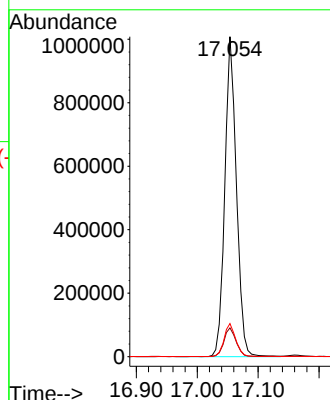
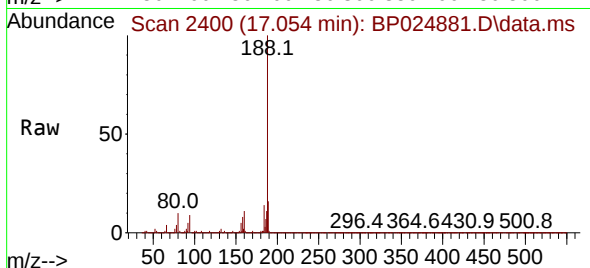
Tgt Ion:188 Resp: 1331033

Ion Ratio Lower Upper

188 100

94 9.0 7.3 10.9

80 10.3 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.477 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BP024881.D

Acq: 09 Jun 2025 17:35

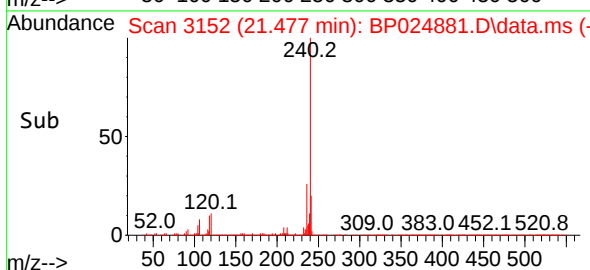
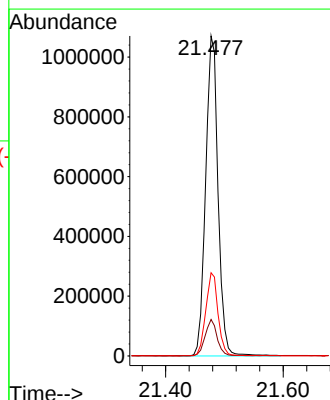
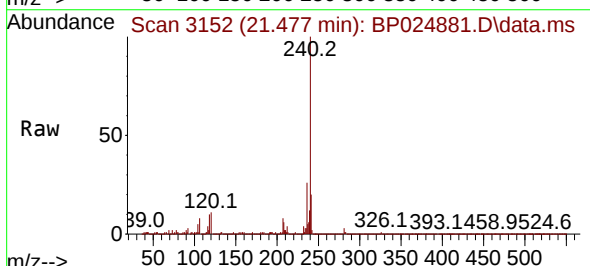
Tgt Ion:240 Resp: 1566442

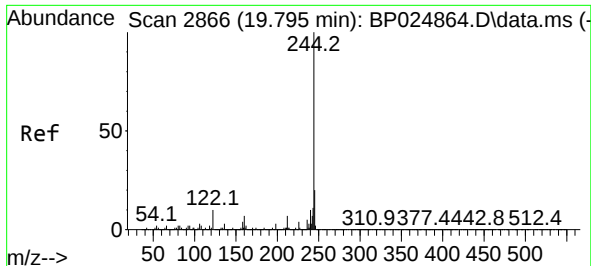
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.0 20.9 31.3

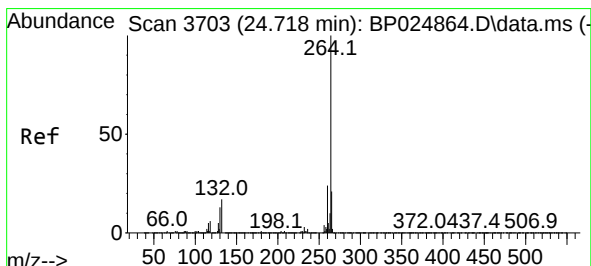
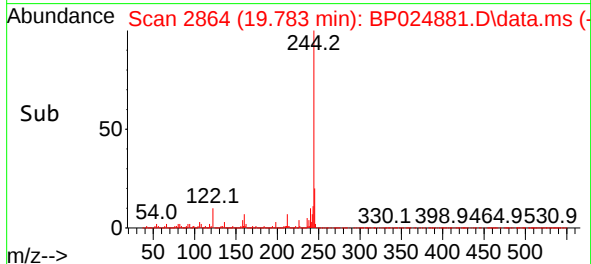
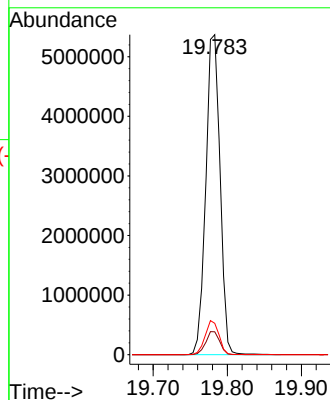
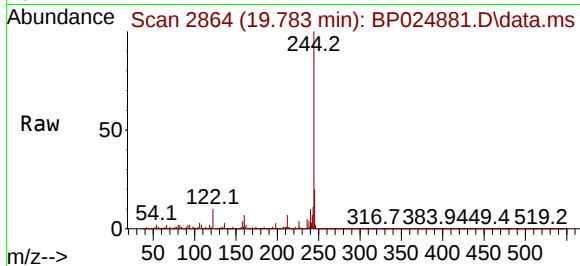




#79
 Terphenyl-d14
 Concen: 82.081 ng
 RT: 19.783 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024881.D
 Acq: 09 Jun 2025 17:35

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW901-060425

Tgt Ion:244 Resp: 7173932
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 9.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.724 min Scan# 3704
 Delta R.T. 0.006 min
 Lab File: BP024881.D
 Acq: 09 Jun 2025 17:35

Tgt Ion:264 Resp: 1838040
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 22.0 17.4 26.0

