

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025096.D
 Acq On : 10 Jul 2025 23:55
 Operator : CG/JU
 Sample : Q2526-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-0101

Quant Time: Jul 11 02:34:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

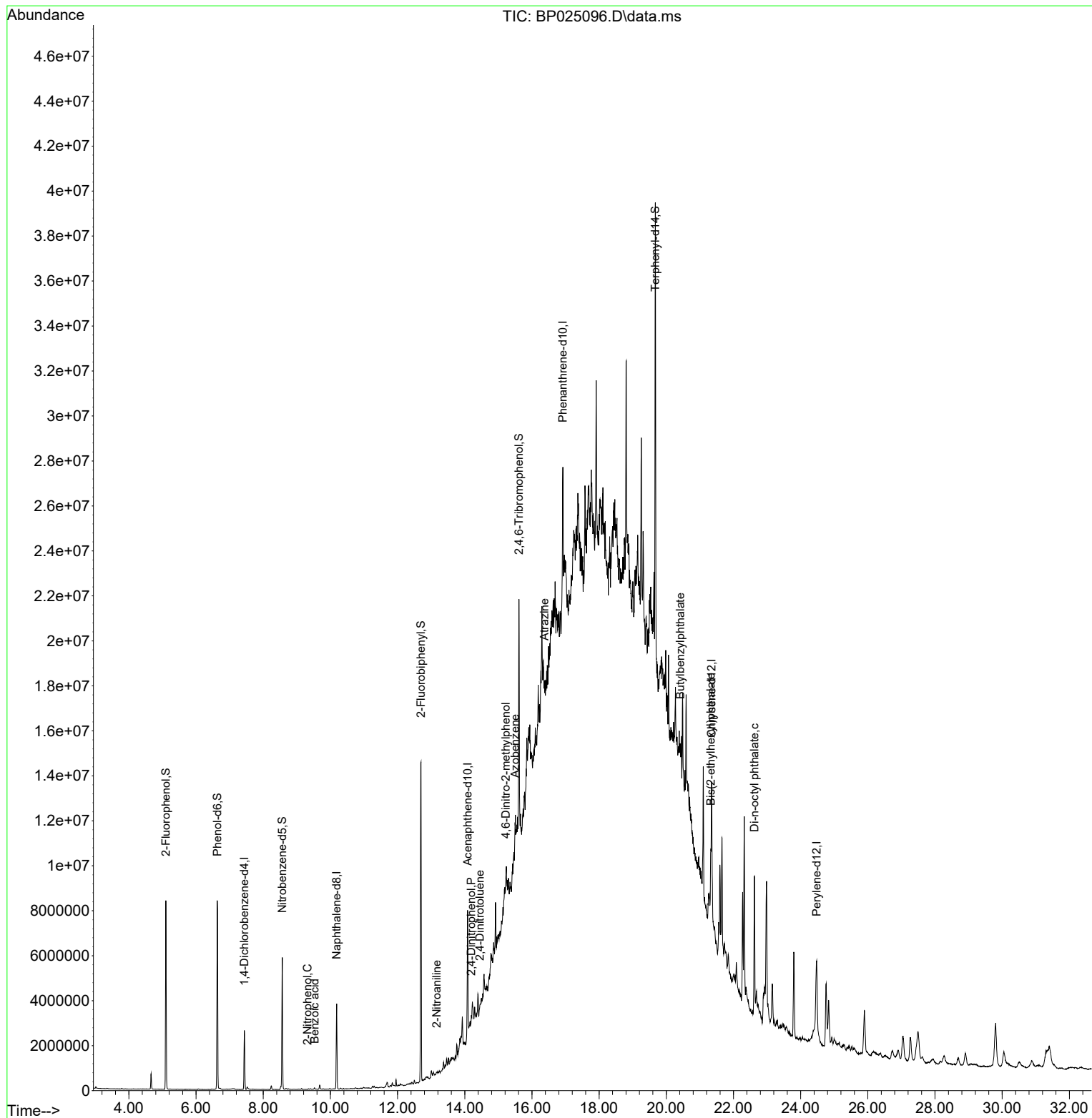
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	756300	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	3092923	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1896649	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3424761	20.000	ng	# 0.01
76) Chrysene-d12	21.348	240	3593098	20.000	ng	0.00
86) Perylene-d12	24.477	264	3546530	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3788722	88.762	ng	0.00
7) Phenol-d6	6.631	99	4965042	89.136	ng	0.00
23) Nitrobenzene-d5	8.566	82	3052340	65.632	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2477840	110.589	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	8131499	66.417	ng	0.00
79) Terphenyl-d14	19.672	244	11214296	68.594	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.319	139	76	3.305	ng	# 1
32) Benzoic acid	9.531	122	390	6.214	ng	# 17
48) 2-Nitroaniline	13.160	65	1014	2.802	ng	# 58
54) 2,4-Dinitrophenol	14.189	184	458	5.419	ng	# 1
57) 2,4-Dinitrotoluene	14.448	165	26927	3.307	ng	# 40
63) Azobenzene	15.495	77	473859	3.991	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.219	198	5584	5.895	ng	# 1
69) Atrazine	16.372	200	67087	2.336	ng	# 1
80) Butylbenzylphthalate	20.413	149	32617	4.033	ng	# 56
84) Bis(2-ethylhexyl)phtha...	21.324	149	1349203	11.552	ng	# 97
85) Di-n-octyl phthalate	22.624	149	1094347	10.559	ng	# 55

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

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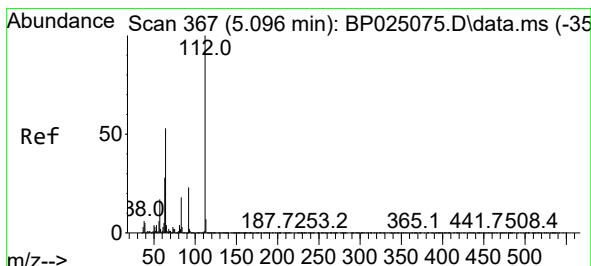
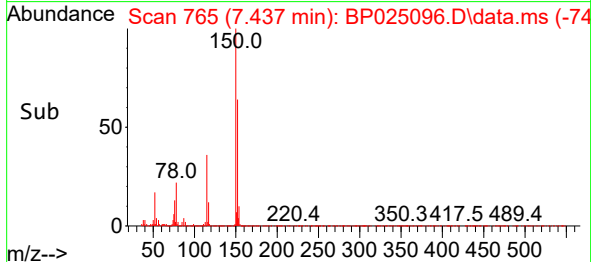
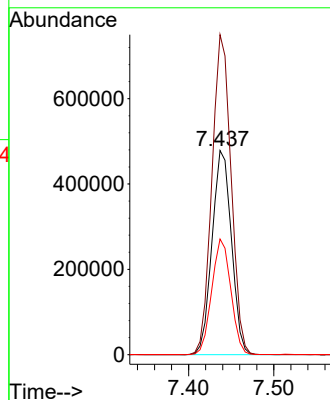
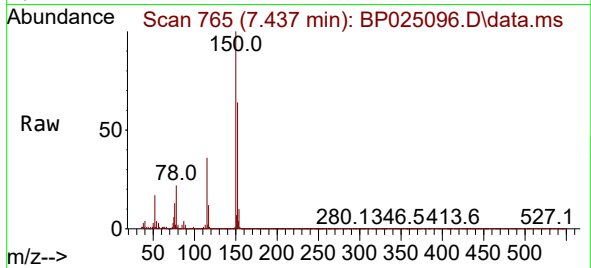




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

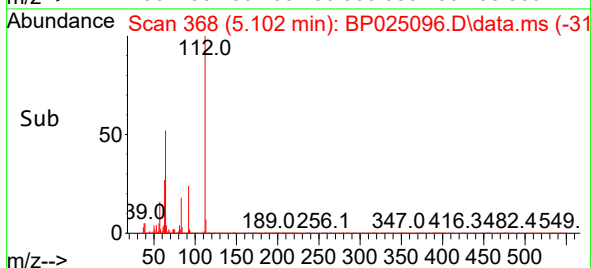
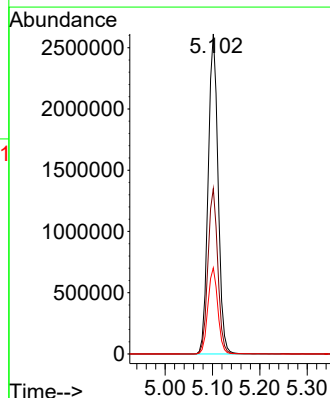
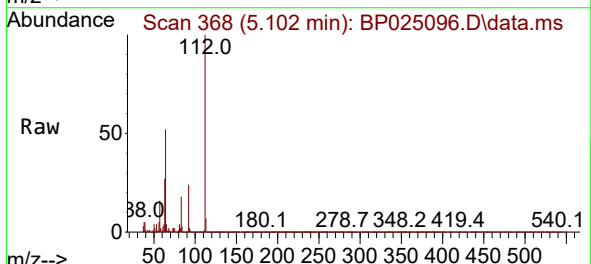
Instrument :
BNA_P
ClientSampleId :
LAW-25-0101

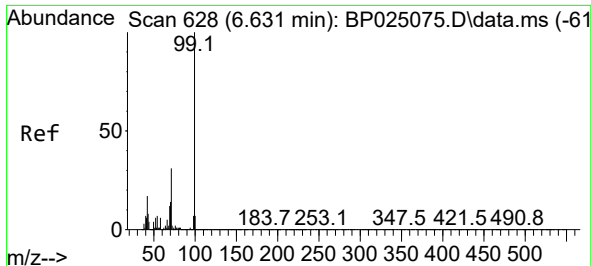
Tgt Ion:152 Resp: 756300
Ion Ratio Lower Upper
152 100
150 156.7 126.1 189.1
115 56.6 44.3 66.5



#5
2-Fluorophenol
Concen: 88.762 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

Tgt Ion:112 Resp: 3788722
Ion Ratio Lower Upper
112 100
64 51.6 42.0 63.0
63 26.9 22.2 33.2



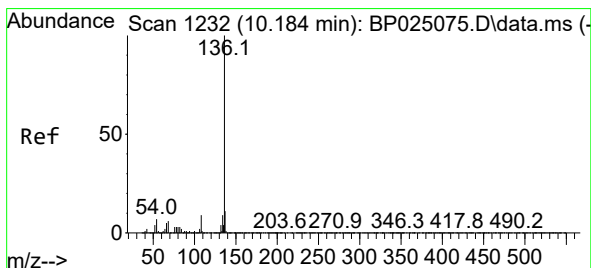
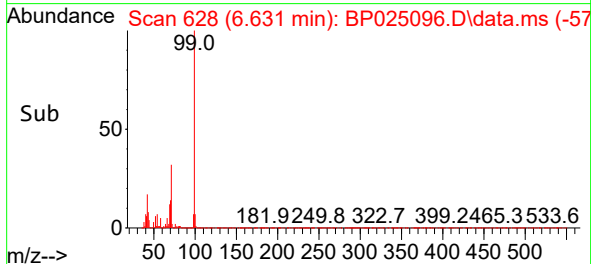
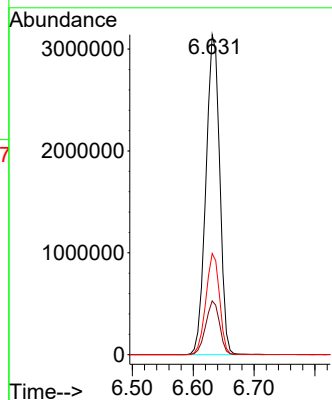
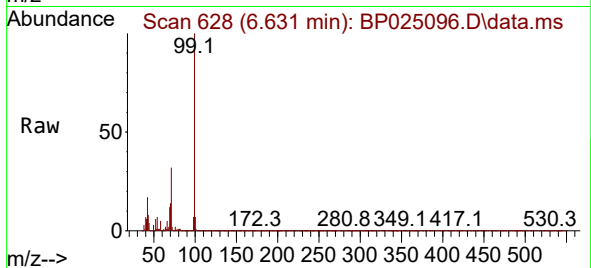


#7
Phenol-d6
Concen: 89.136 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

Instrument :
BNA_P
ClientSampleId :
LAW-25-0101

Tgt Ion: 99 Resp: 4965042

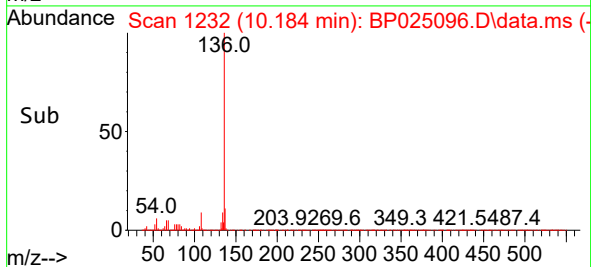
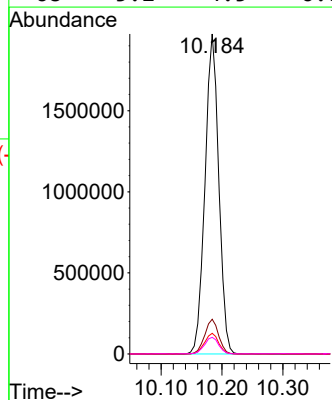
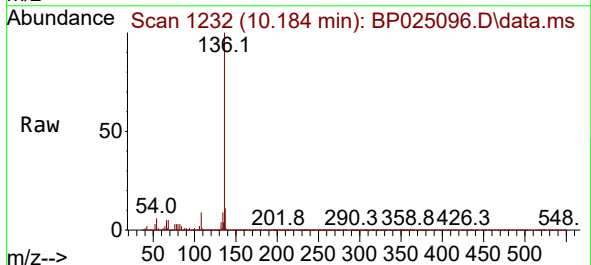
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	31.6	24.4	36.6

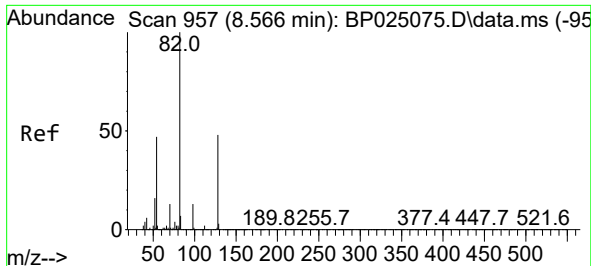


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

Tgt Ion:136 Resp: 3092923

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.4	8.2
68	5.2	4.5	6.7

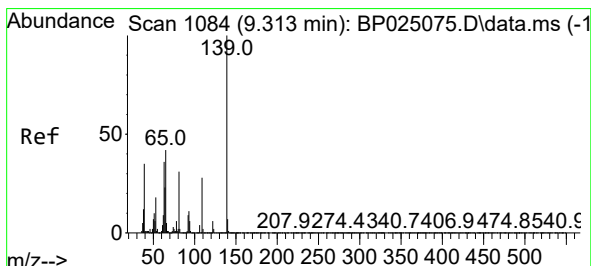
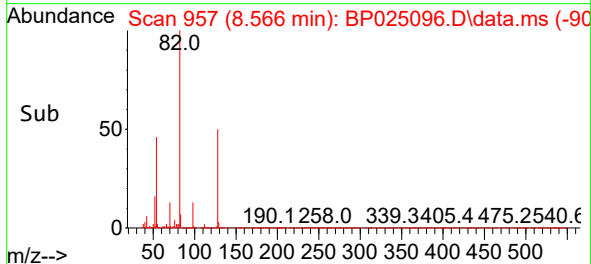
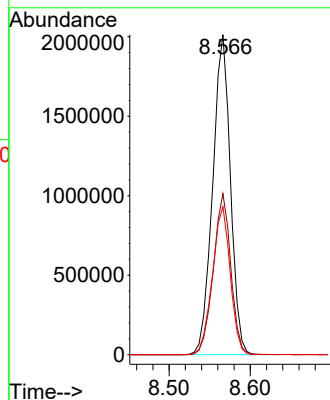
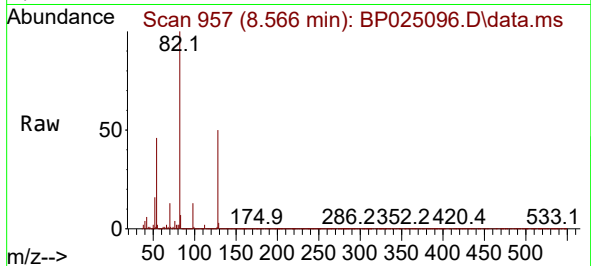




#23
Nitrobenzene-d5
Concen: 65.632 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

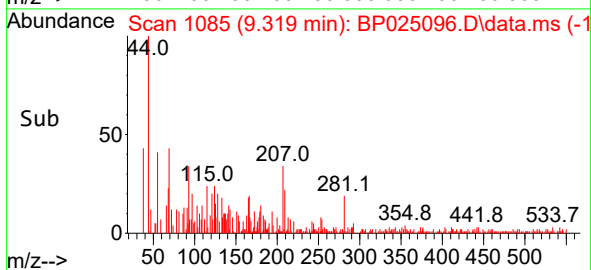
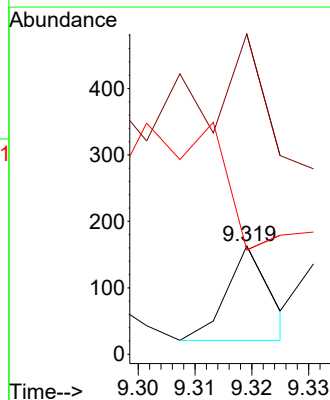
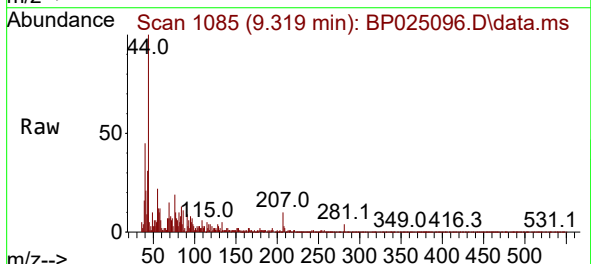
Instrument :
BNA_P
ClientSampleId :
LAW-25-0101

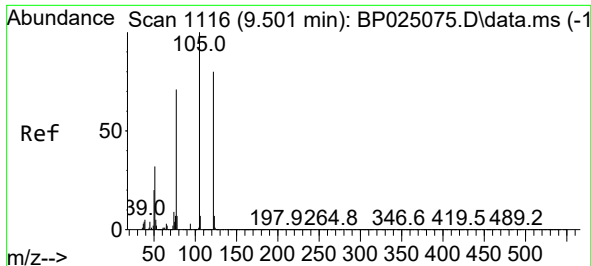
Tgt Ion: 82 Resp: 3052340
Ion Ratio Lower Upper
82 100
128 50.3 38.4 57.6
54 46.3 37.8 56.6



#26
2-Nitrophenol
Concen: 3.305 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

Tgt Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 295.7 22.3 33.5#
65 96.3 33.8 50.8#

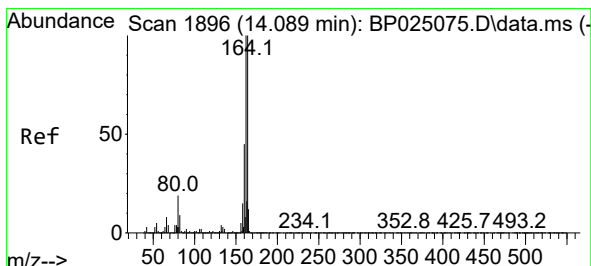
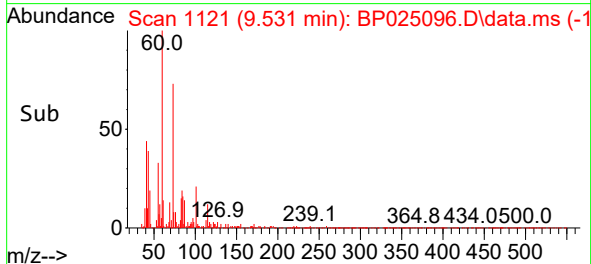
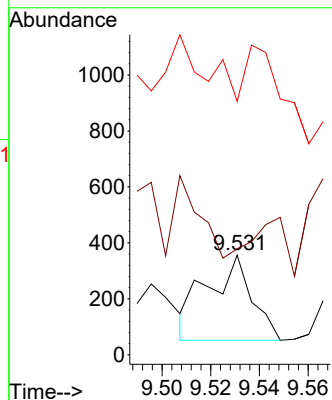
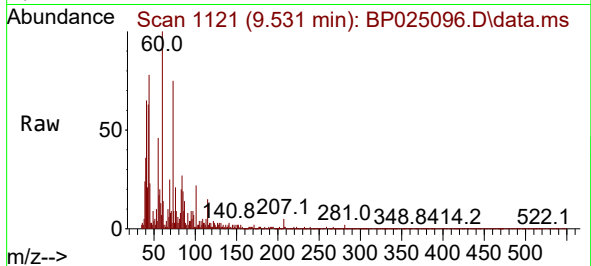




#32
Benzoic acid
Concen: 6.214 ng
RT: 9.531 min Scan# 1116
Delta R.T. 0.030 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

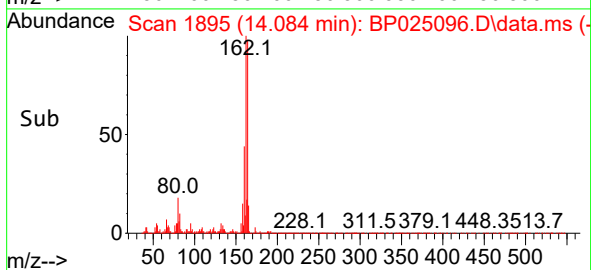
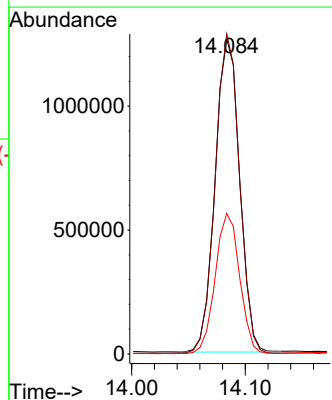
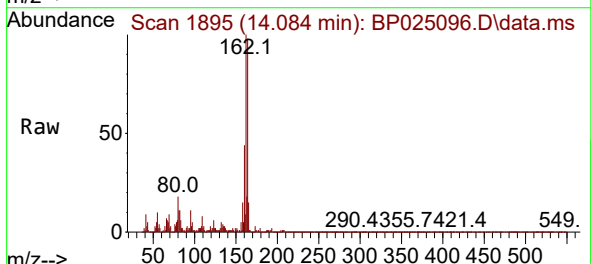
Instrument :
BNA_P
ClientSampleId :
LAW-25-0101

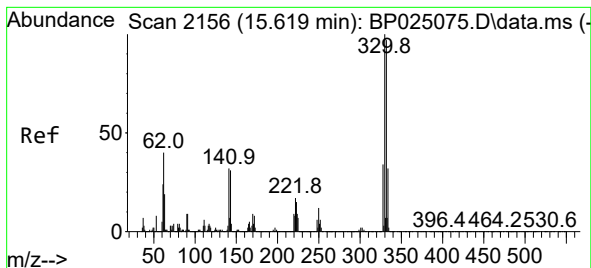
Tgt Ion:122 Resp: 390
Ion Ratio Lower Upper
122 100
105 106.5 101.0 141.0
77 254.5 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

Tgt Ion:164 Resp: 1896649
Ion Ratio Lower Upper
164 100
162 101.6 80.3 120.5
160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 110.589 ng

RT: 15.613 min Scan# 2156

Delta R.T. -0.006 min

Lab File: BP025096.D

Acq: 10 Jul 2025 23:55

Instrument :

BNA_P

ClientSampleId :

LAW-25-0101

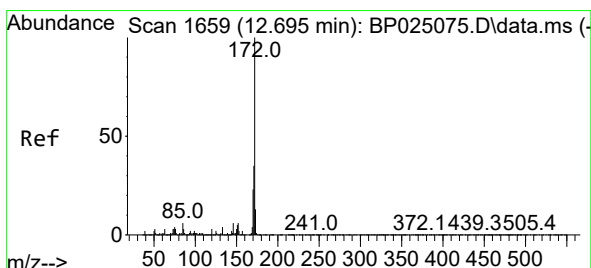
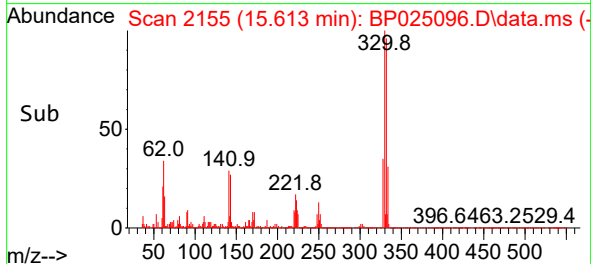
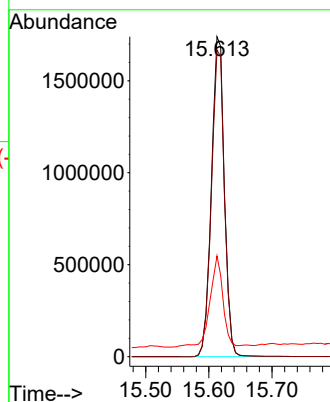
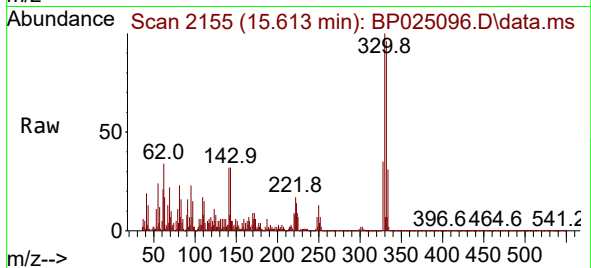
Tgt Ion:330 Resp: 2477840

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 28.6 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 66.417 ng

RT: 12.695 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BP025096.D

Acq: 10 Jul 2025 23:55

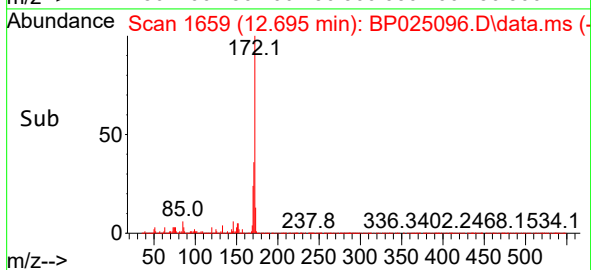
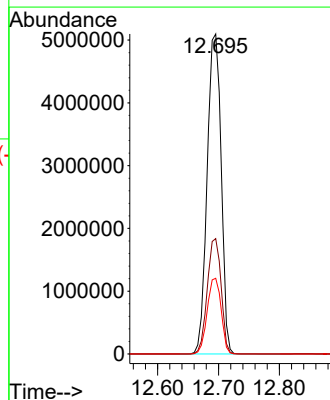
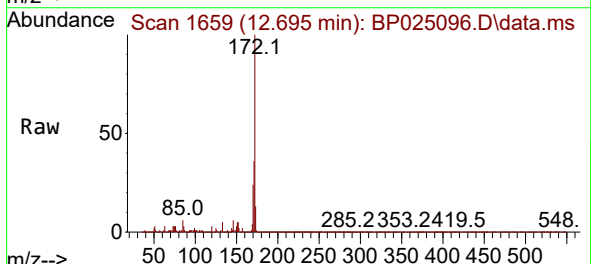
Tgt Ion:172 Resp: 8131499

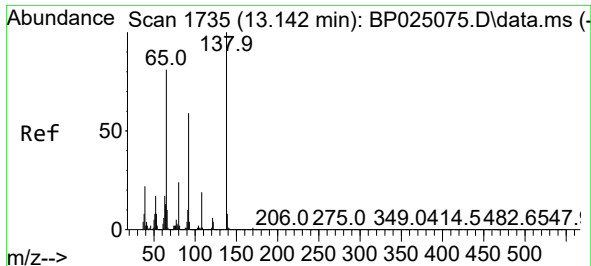
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

170 23.7 18.7 28.1

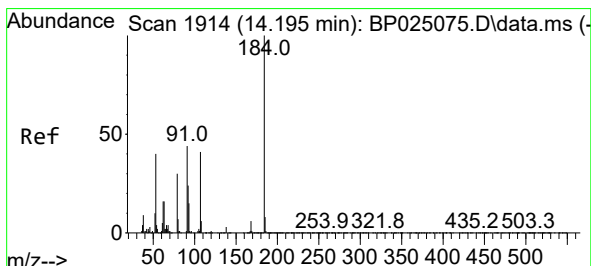
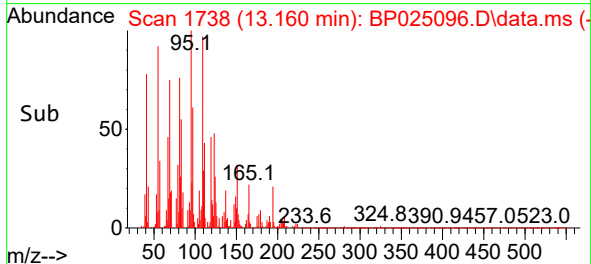
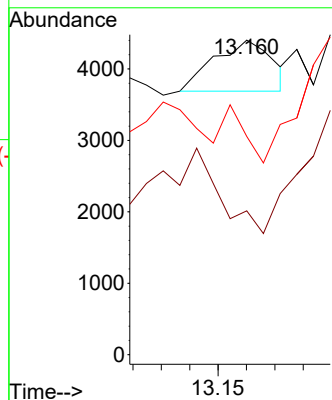
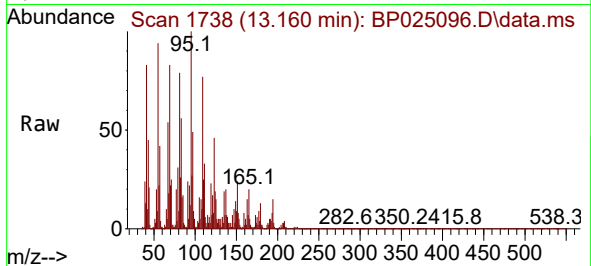




#48
2-Nitroaniline
Concen: 2.802 ng
RT: 13.160 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

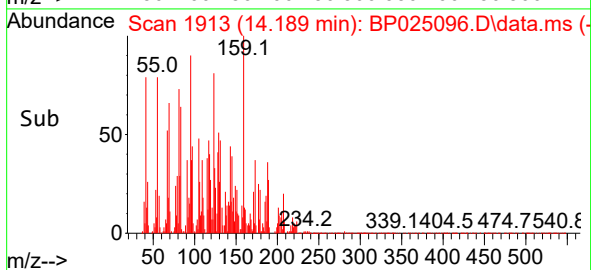
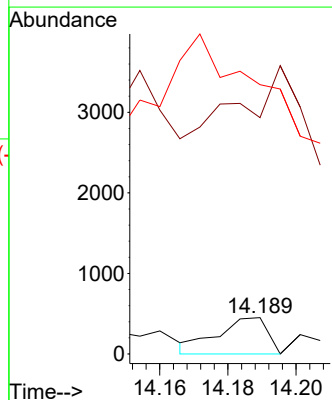
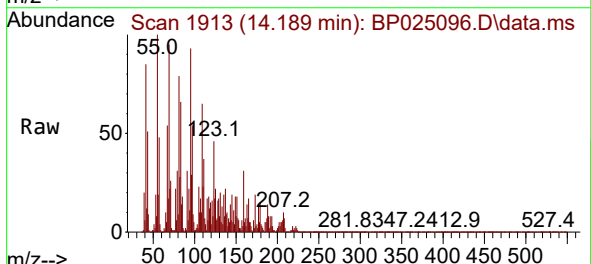
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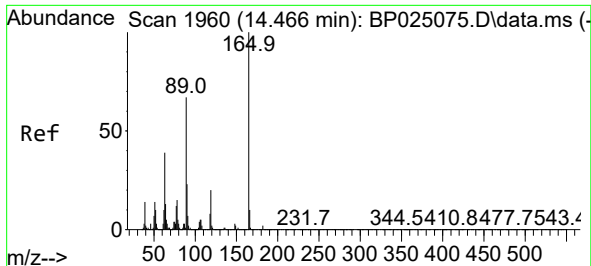
Tgt Ion: 65 Resp: 1014
Ion Ratio Lower Upper
65 100
92 45.7 58.7 88.1#
138 69.4 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.419 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

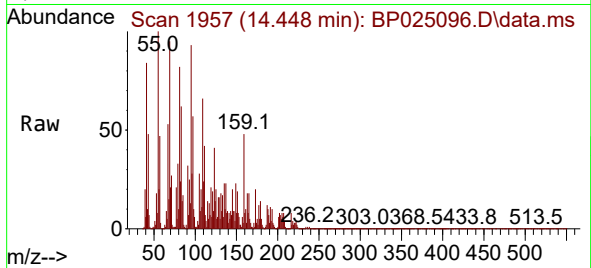
Tgt Ion: 184 Resp: 458
Ion Ratio Lower Upper
184 100
63 649.3 47.4 71.0#
154 739.8 47.8 71.8#



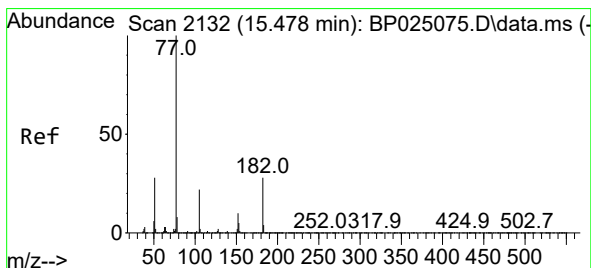
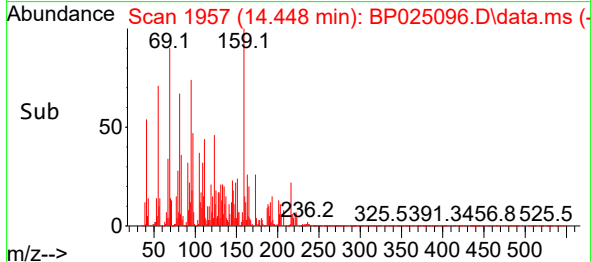
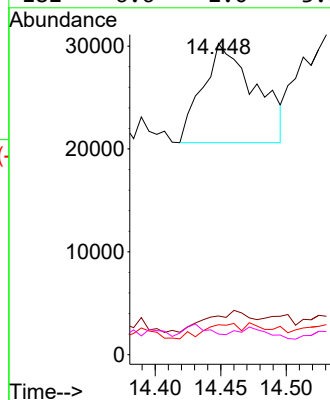


#57
2,4-Dinitrotoluene
Concen: 3.307 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

Instrument :
BNA_P
ClientSampleId :
LAW-25-0101

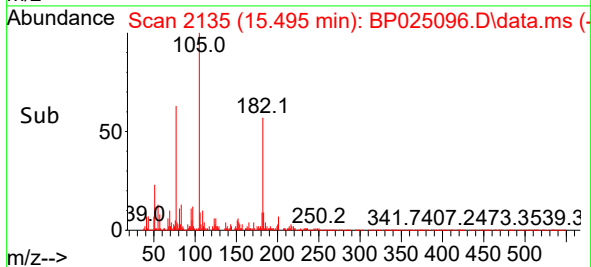
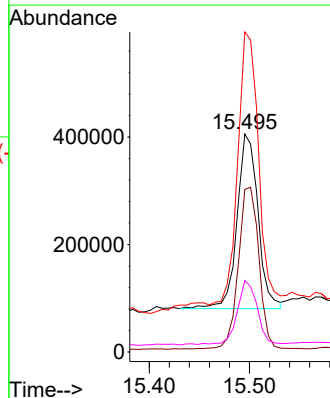
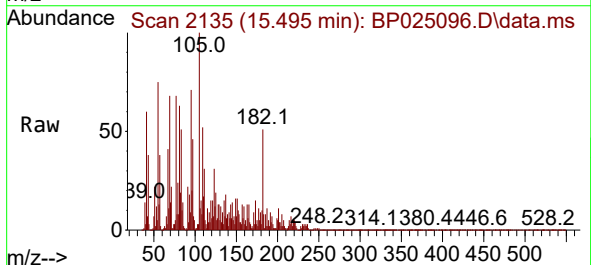


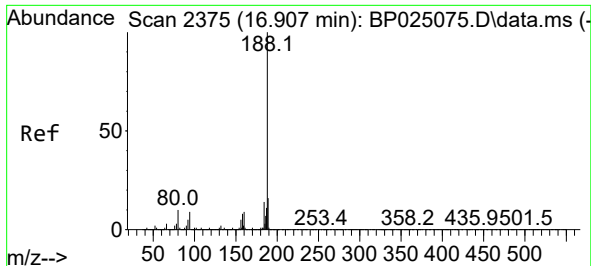
Tgt Ion:165 Resp: 26927
Ion Ratio Lower Upper
165 100
63 12.4 31.0 46.4#
89 9.6 53.4 80.0#
182 6.6 2.0 3.0#



#63
Azobenzene
Concen: 3.991 ng
RT: 15.495 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

Tgt Ion: 77 Resp: 473859
Ion Ratio Lower Upper
77 100
182 74.6 7.7 47.7#
105 146.8 1.9 41.9#
51 32.8 8.2 48.2

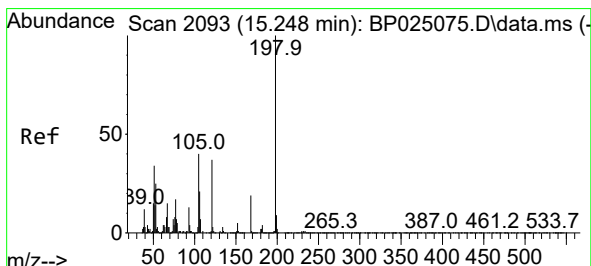
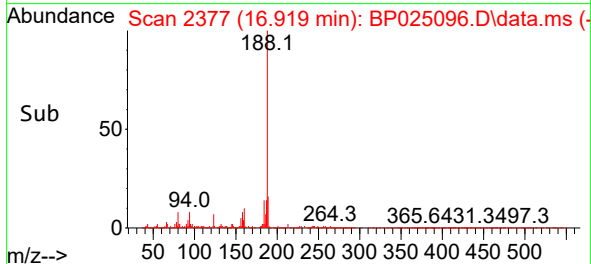
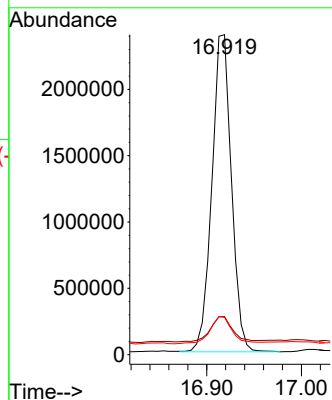
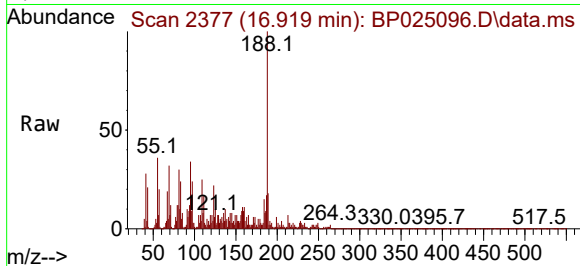




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

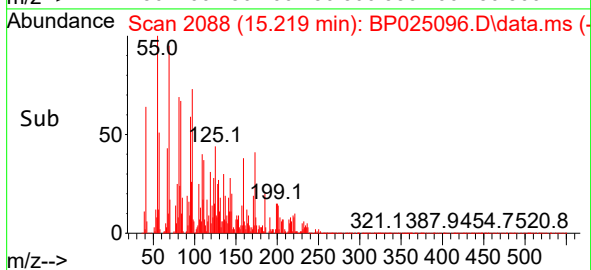
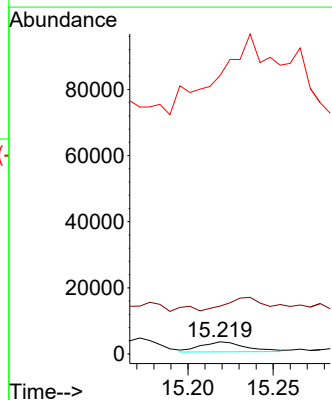
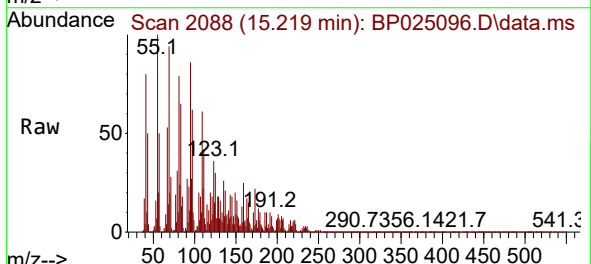
Instrument :
BNA_P
ClientSampleId :
LAW-25-0101

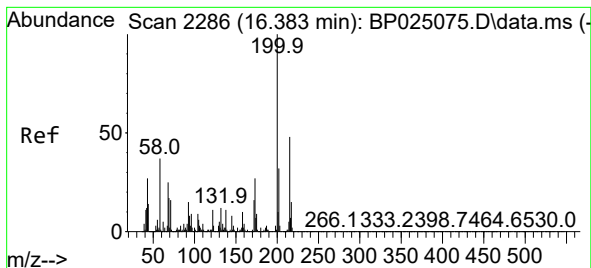
Tgt Ion:188 Resp: 3424761
Ion Ratio Lower Upper
188 100
94 11.9 7.3 10.9#
80 11.7 7.8 11.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.895 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.029 min
Lab File: BP025096.D
Acq: 10 Jul 2025 23:55

Tgt Ion:198 Resp: 5584
Ion Ratio Lower Upper
198 100
51 393.3 16.8 56.8#
105 2285.3 20.8 60.8#





#69

Atrazine

Concen: 2.336 ng

RT: 16.372 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025096.D

Acq: 10 Jul 2025 23:55

Instrument :

BNA_P

ClientSampleId :

LAW-25-0101

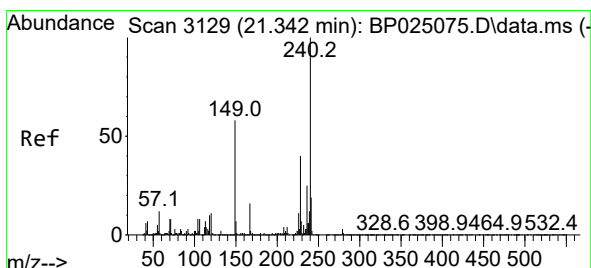
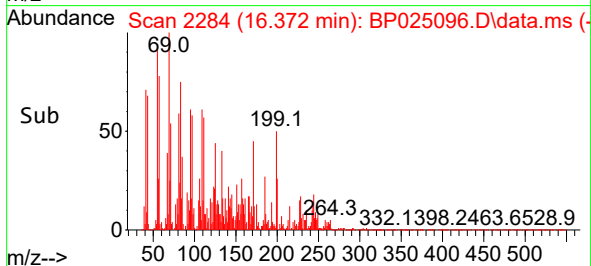
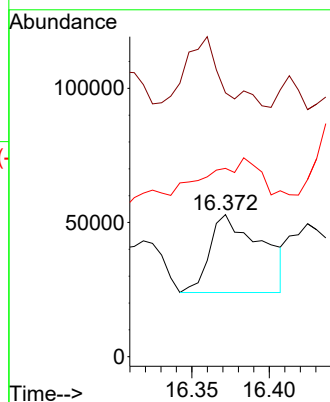
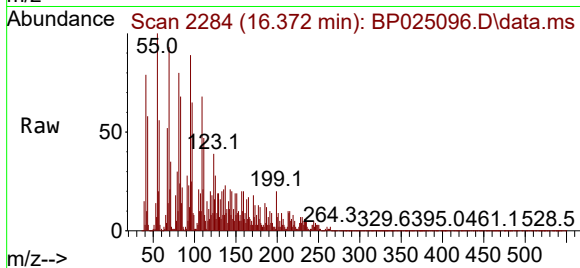
Tgt Ion:200 Resp: 67087

Ion Ratio Lower Upper

200 100

173 185.7 6.6 46.6#

215 132.5 28.0 68.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.348 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP025096.D

Acq: 10 Jul 2025 23:55

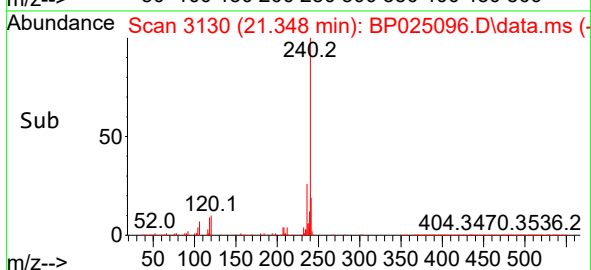
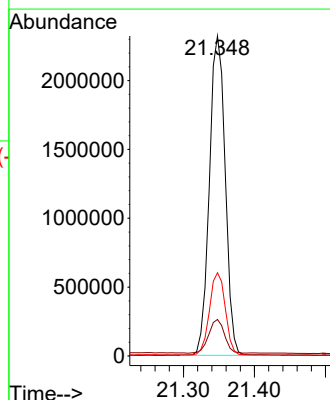
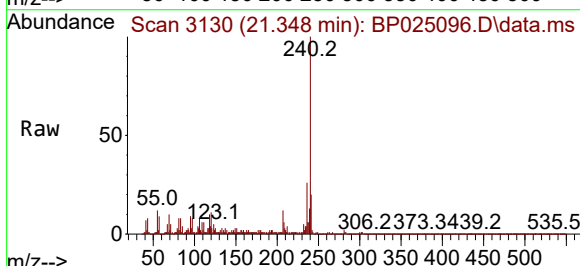
Tgt Ion:240 Resp: 3593098

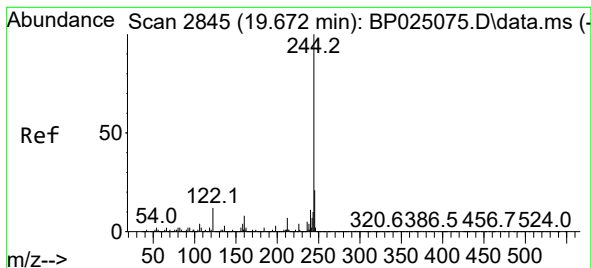
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 68.594 ng

RT: 19.672 min Scan# 2845

Delta R.T. -0.000 min

Lab File: BP025096.D

Acq: 10 Jul 2025 23:55

Instrument :

BNA_P

ClientSampleId :

LAW-25-0101

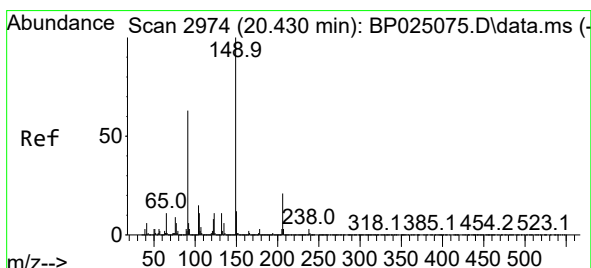
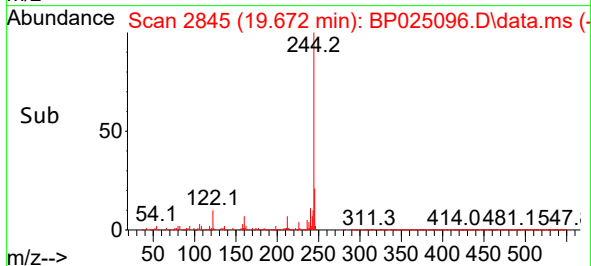
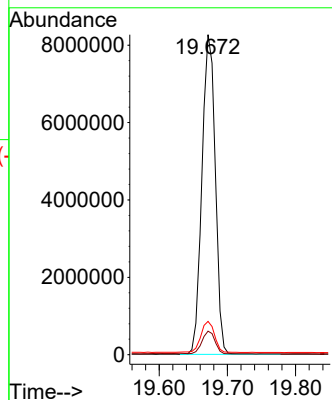
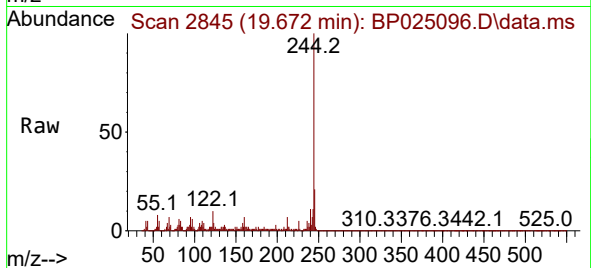
Tgt Ion:244 Resp:11214296

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.4 9.4 14.2



#80

Butylbenzylphthalate

Concen: 4.033 ng

RT: 20.413 min Scan# 2971

Delta R.T. -0.017 min

Lab File: BP025096.D

Acq: 10 Jul 2025 23:55

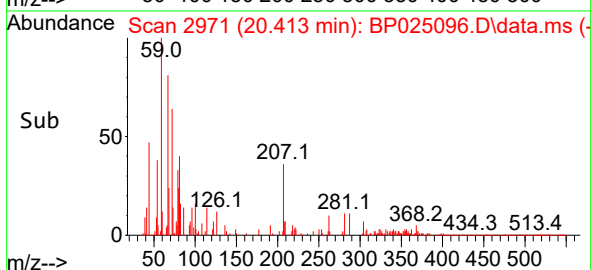
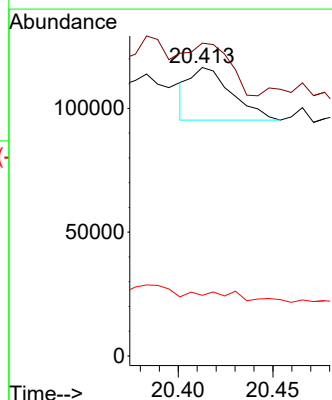
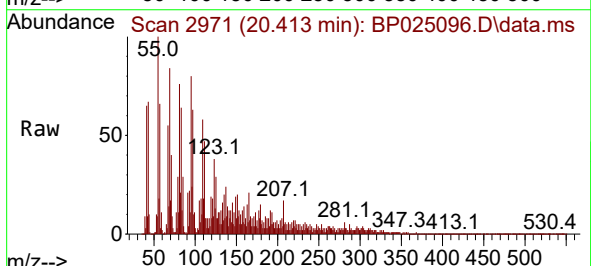
Tgt Ion:149 Resp: 32617

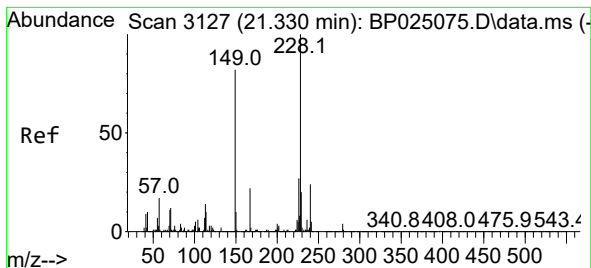
Ion Ratio Lower Upper

149 100

91 108.4 50.6 76.0#

206 21.0 17.2 25.8

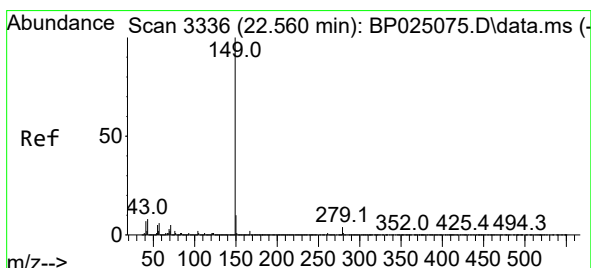
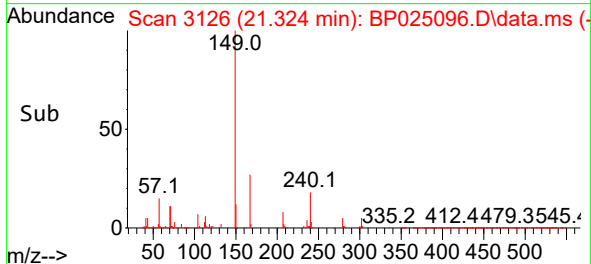
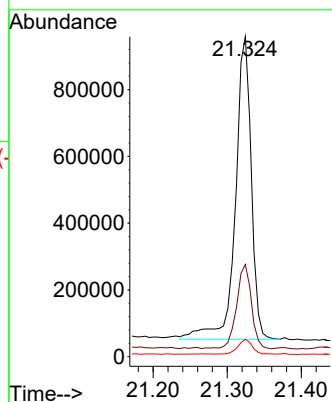
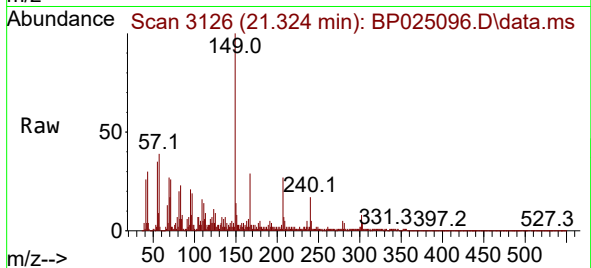




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.552 ng
 RT: 21.324 min Scan# 3126
 Delta R.T. -0.006 min
 Lab File: BP025096.D
 Acq: 10 Jul 2025 23:55

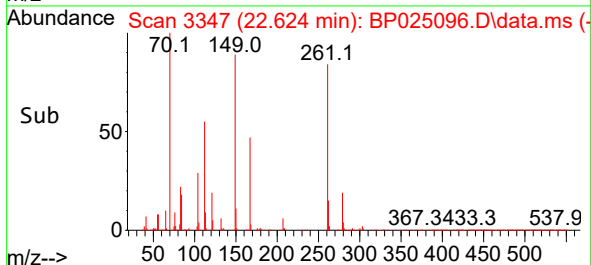
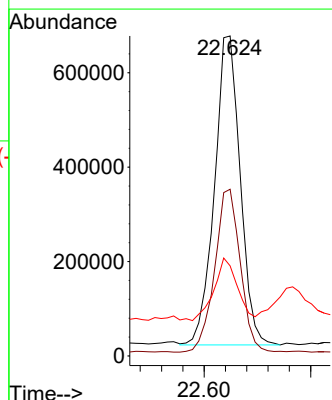
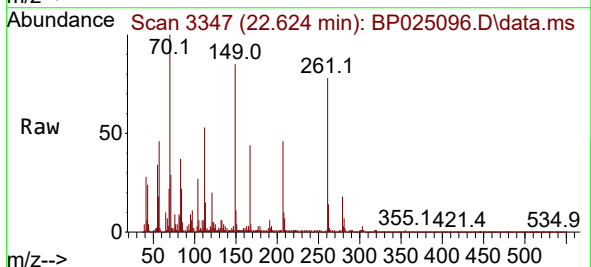
Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-0101

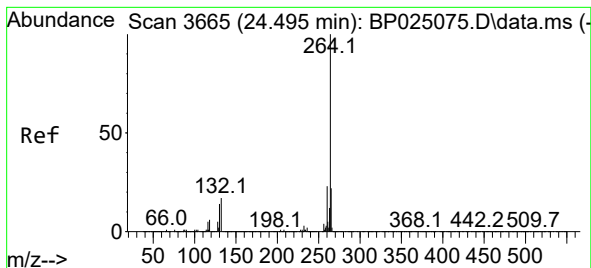
Tgt Ion:149 Resp: 1349203
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.9 32.9
 279 5.5 3.5 5.3#



#85
 Di-n-octyl phthalate
 Concen: 10.559 ng
 RT: 22.624 min Scan# 3347
 Delta R.T. 0.064 min
 Lab File: BP025096.D
 Acq: 10 Jul 2025 23:55

Tgt Ion:149 Resp: 1094347
 Ion Ratio Lower Upper
 149 100
 167 52.3 1.3 1.9#
 43 18.7 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 30

Delta R.T. -0.018 min

Lab File: BP025096.D

Acq: 10 Jul 2025 23:55

Instrument :

BNA_P

ClientSampleId :

LAW-25-0101

Tgt Ion:264 Resp: 3546530

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.6 17.7 26.5

