

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026101.D
 Acq On : 11 Nov 2025 22:21
 Operator : RC/JU
 Sample : Q3577-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1A

Quant Time: Nov 12 01:48:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

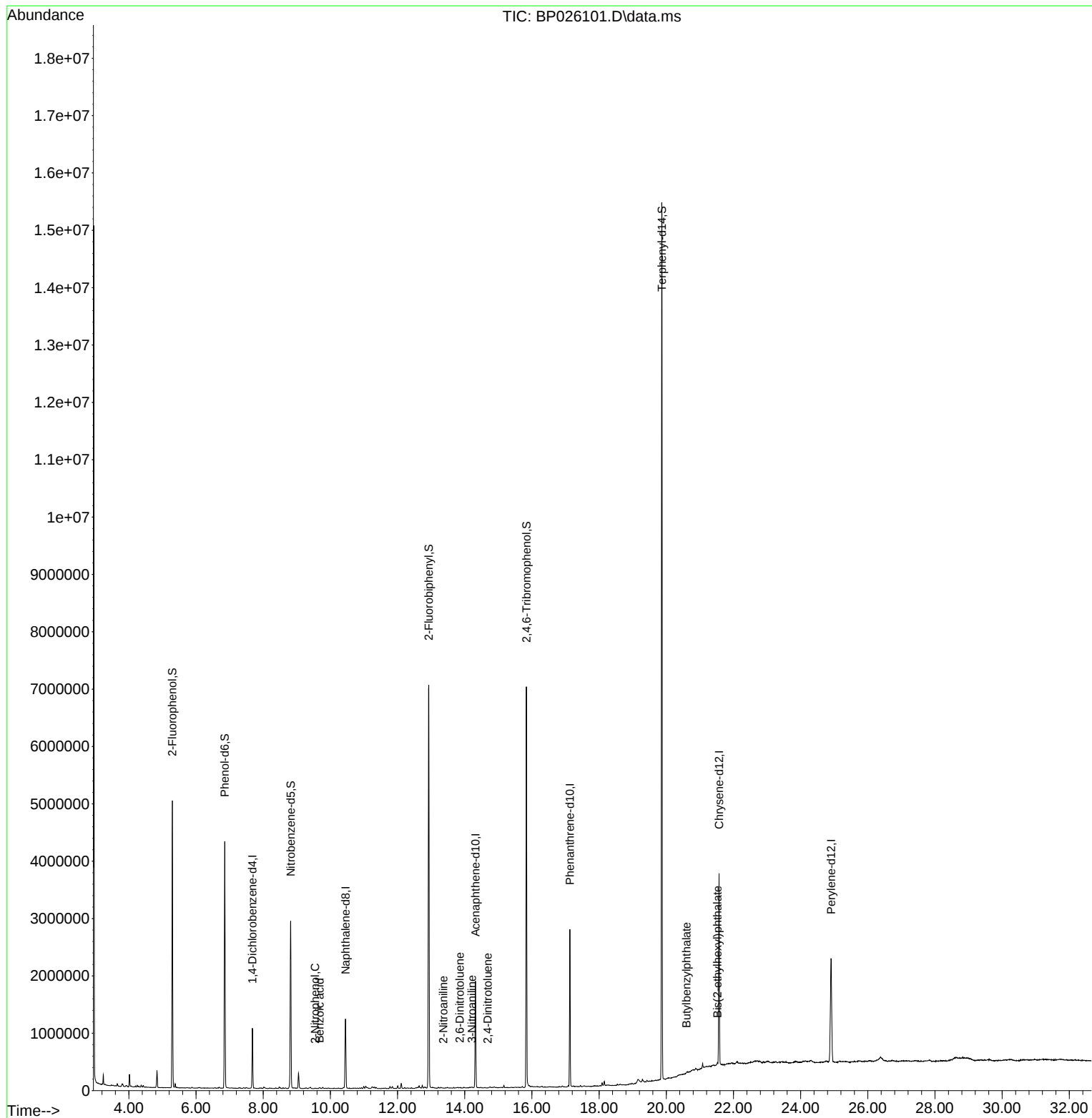
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	299586	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	1167865	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	736527	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	1590782	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1867178	20.000	ng	0.00
86) Perylene-d12	24.906	264	1891724	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2216207	122.067	ng	0.00
7) Phenol-d6	6.854	99	2528224	109.406	ng	0.00
23) Nitrobenzene-d5	8.819	82	1718350	91.724	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1350187	169.567	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4141959	80.807	ng	0.00
79) Terphenyl-d14	19.871	244	7867751	85.609	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.548	139	185	2.701	ng	# 1
32) Benzoic acid	9.678	122	7080	4.013	ng	86
48) 2-Nitroaniline	13.360	65	110	2.919	ng	# 41
51) 2,6-Dinitrotoluene	13.854	165	1069	3.091	ng	# 58
53) 3-Nitroaniline	14.213	138	112	2.646	ng	# 21
57) 2,4-Dinitrotoluene	14.683	165	253	3.103	ng	# 70
80) Butylbenzylphthalate	20.601	149	4137	3.479	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.524	149	20472	2.854	ng	# 90

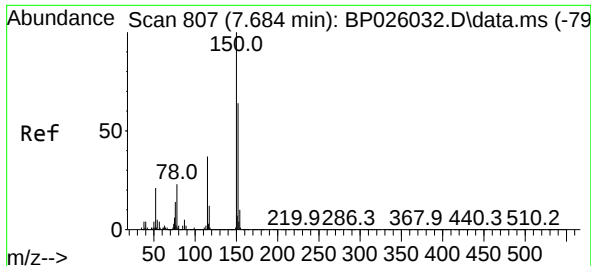
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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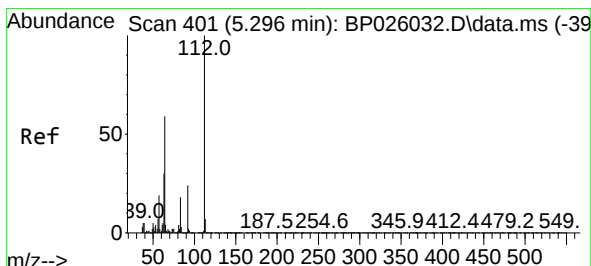
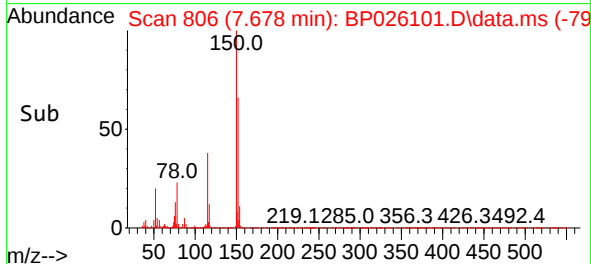
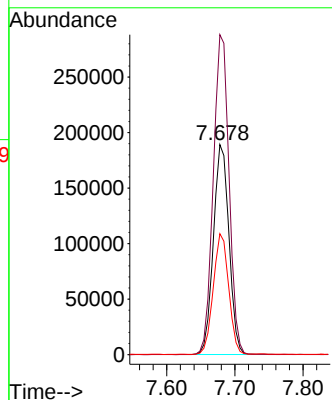
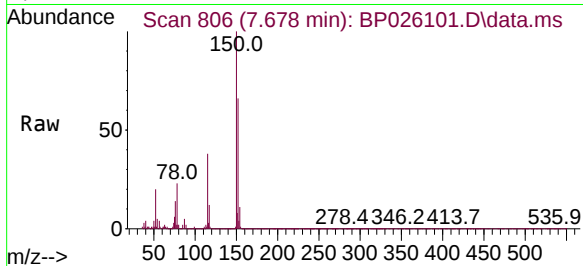




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

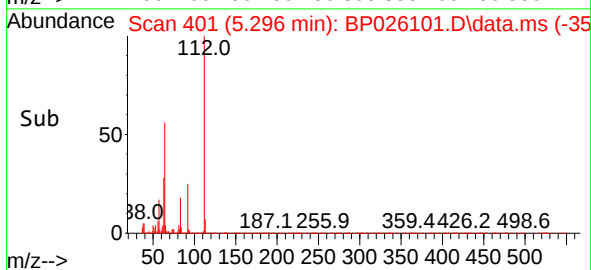
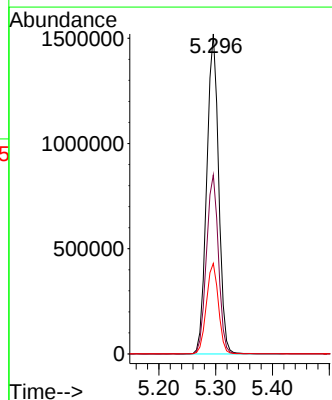
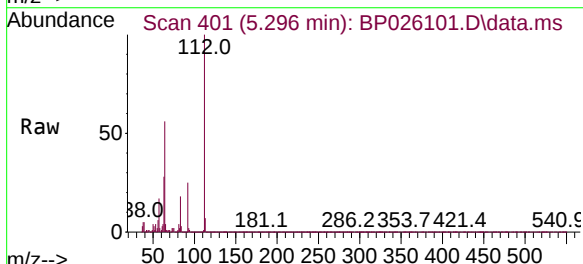
Instrument :
BNA_P
ClientSampleId :
WC-1A

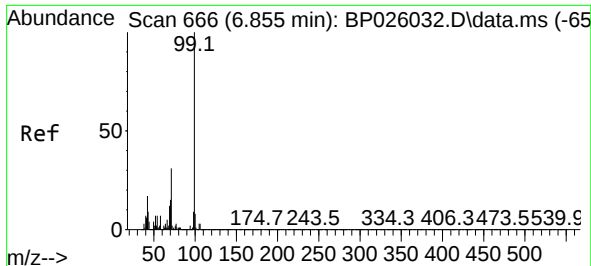
Tgt Ion:152 Resp: 299586
Ion Ratio Lower Upper
152 100
150 152.4 125.7 188.5
115 57.6 46.4 69.6



#5
2-Fluorophenol
Concen: 122.067 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

Tgt Ion:112 Resp: 2216207
Ion Ratio Lower Upper
112 100
64 55.9 47.4 71.2
63 28.3 24.2 36.4

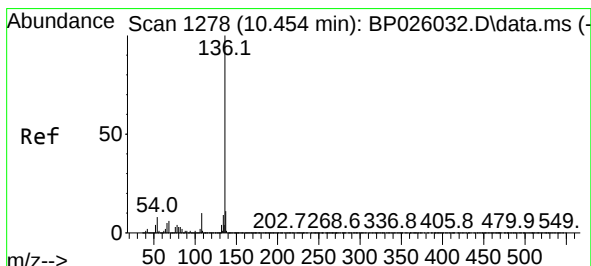
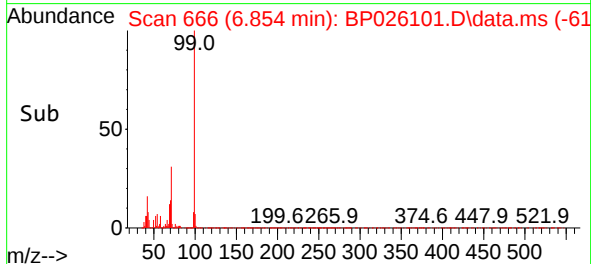
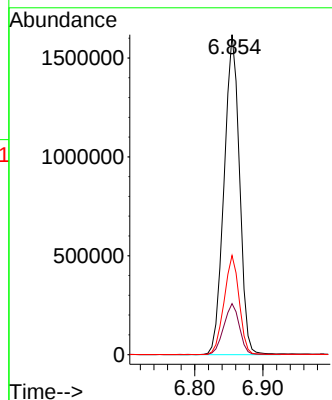
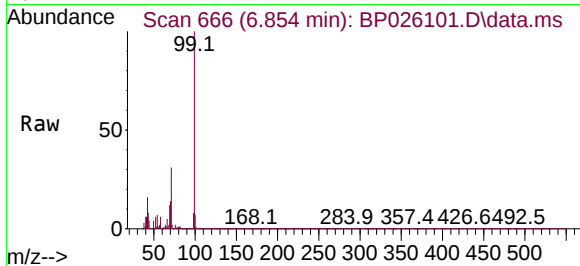




#7
Phenol-d6
Concen: 109.406 ng
RT: 6.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

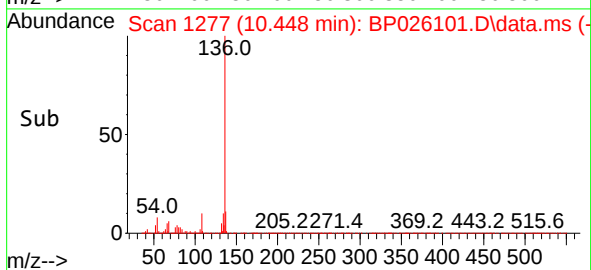
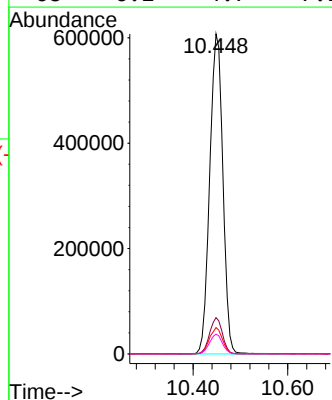
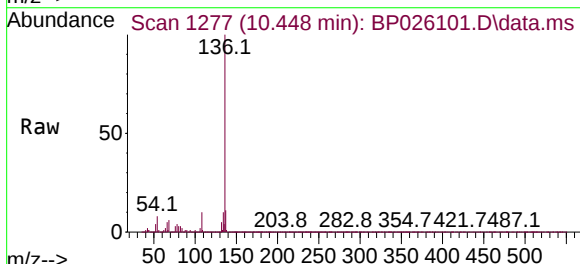
Instrument :
BNA_P
ClientSampleId :
WC-1A

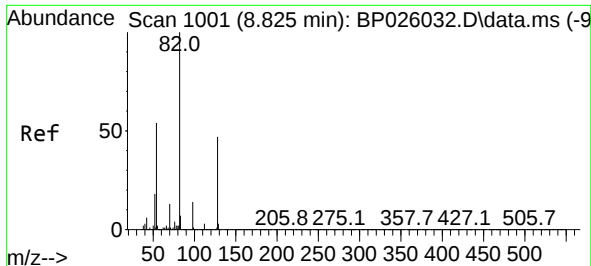
Tgt Ion: 99 Resp: 2528224
Ion Ratio Lower Upper
99 100
42 15.9 13.7 20.5
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

Tgt Ion:136 Resp: 1167865
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.3 6.6 10.0
68 6.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 91.724 ng

RT: 8.819 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP026101.D

Acq: 11 Nov 2025 22:21

Instrument :

BNA_P

ClientSampleId :

WC-1A

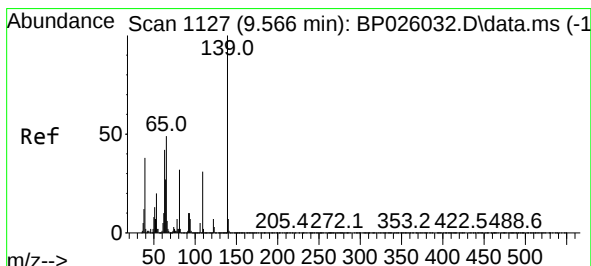
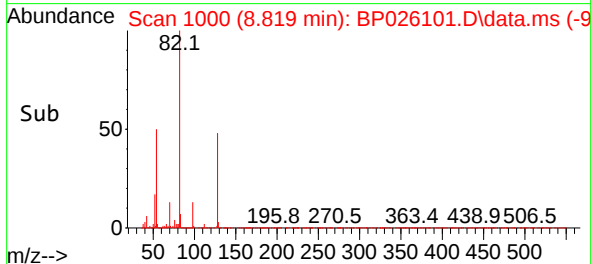
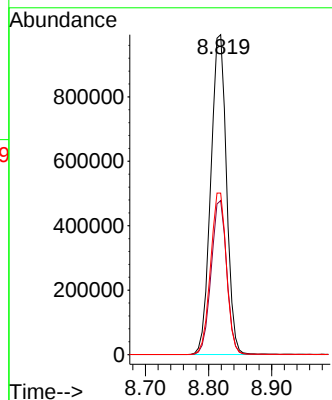
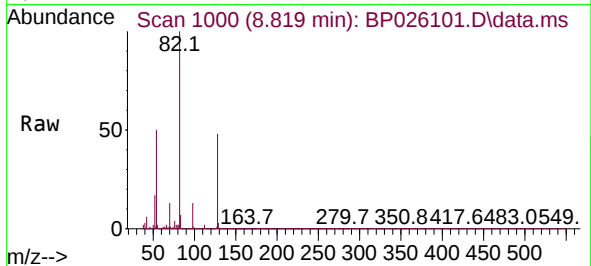
Tgt Ion: 82 Resp: 1718350

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.0

54 50.5 42.7 64.1



#26

2-Nitrophenol

Concen: 2.701 ng

RT: 9.548 min Scan# 1124

Delta R.T. -0.018 min

Lab File: BP026101.D

Acq: 11 Nov 2025 22:21

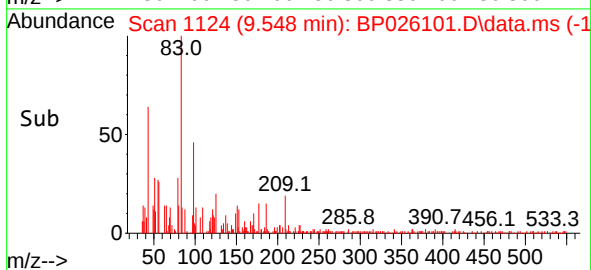
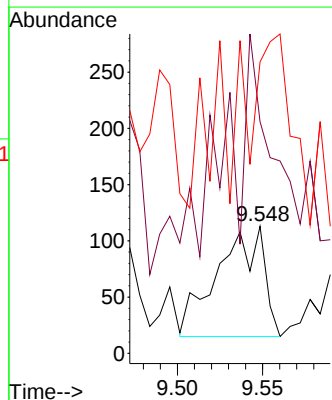
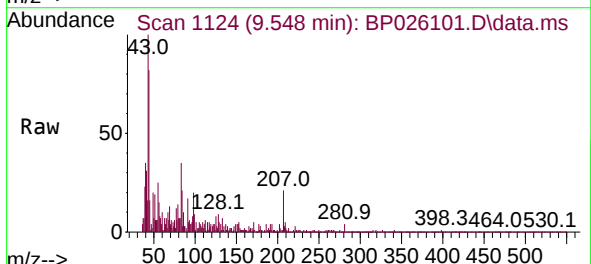
Tgt Ion: 139 Resp: 185

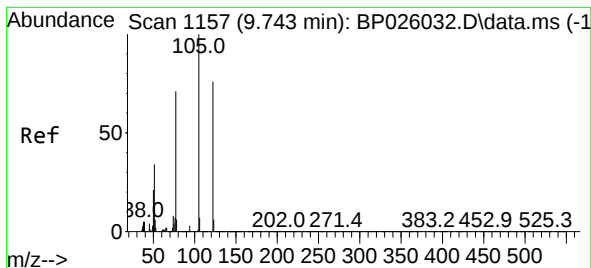
Ion Ratio Lower Upper

139 100

109 182.3 24.8 37.2#

65 229.2 39.0 58.4#





#32

Benzoic acid

Concen: 4.013 ng

RT: 9.678 min Scan# 1157

Delta R.T. -0.100 min

Lab File: BP026101.D

Acq: 11 Nov 2025 22:21

Instrument :

BNA_P

ClientSampleId :

WC-1A

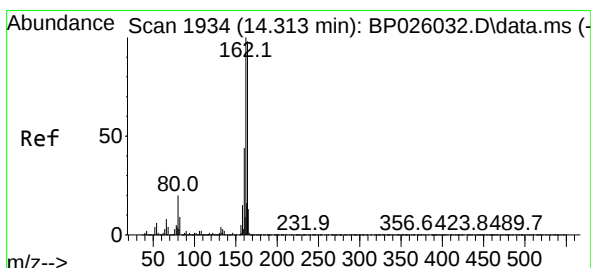
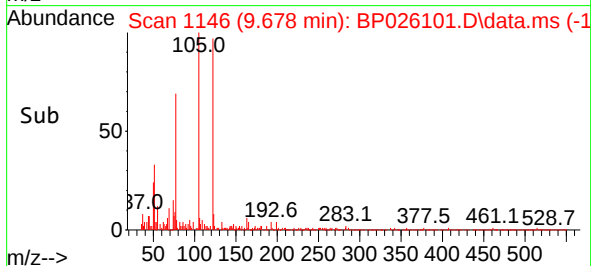
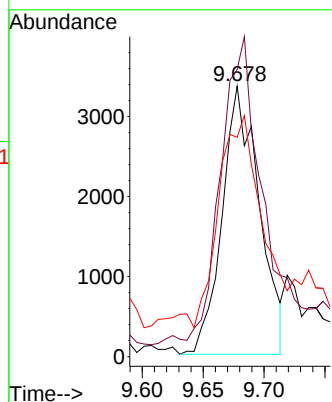
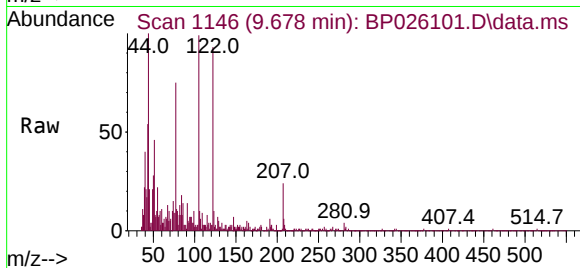
Tgt Ion:122 Resp: 7080

Ion Ratio Lower Upper

122 100

105 106.1 104.8 144.8

77 81.0 70.9 110.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BP026101.D

Acq: 11 Nov 2025 22:21

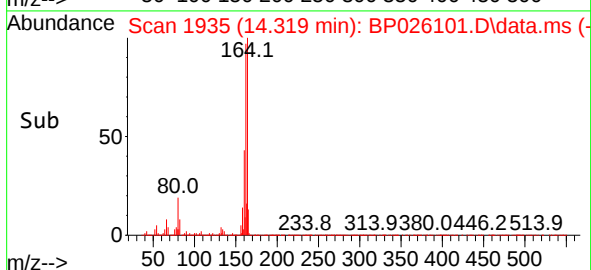
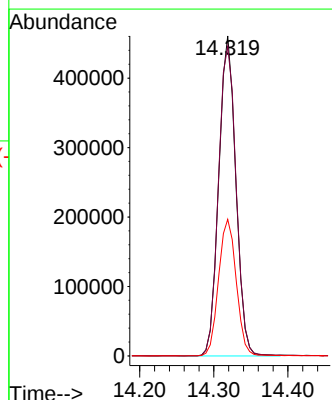
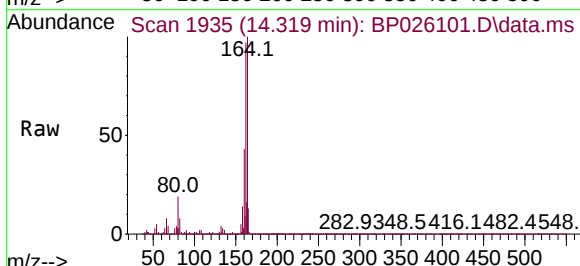
Tgt Ion:164 Resp: 736527

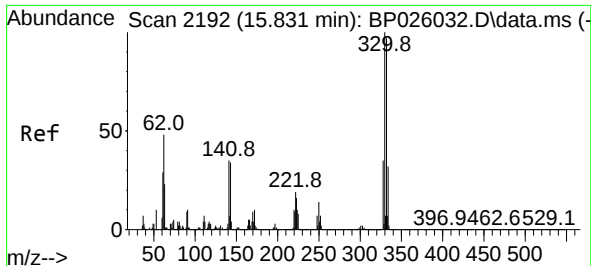
Ion Ratio Lower Upper

164 100

162 96.8 81.5 122.3

160 42.7 36.2 54.4

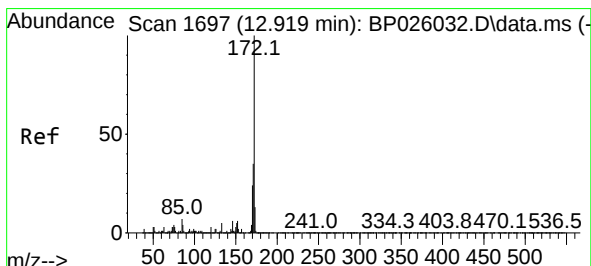
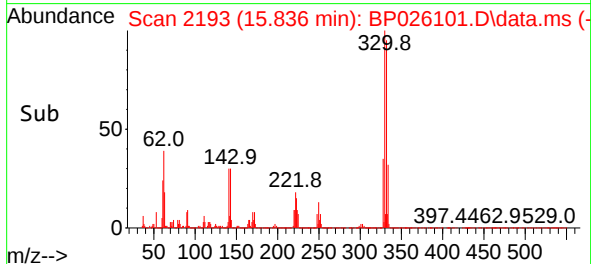
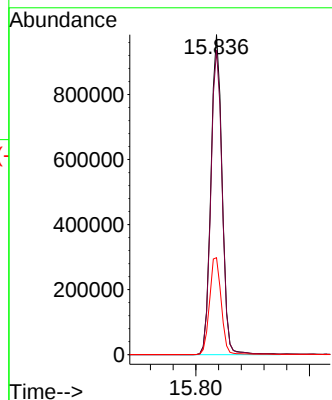
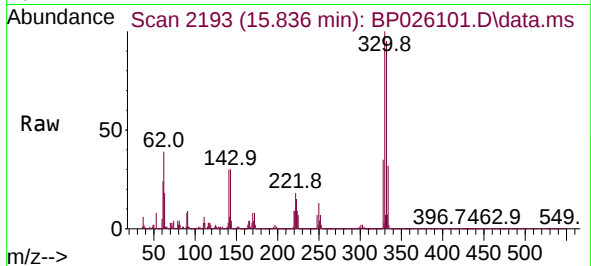




#42
2,4,6-Tribromophenol
Concen: 169.567 ng
RT: 15.836 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

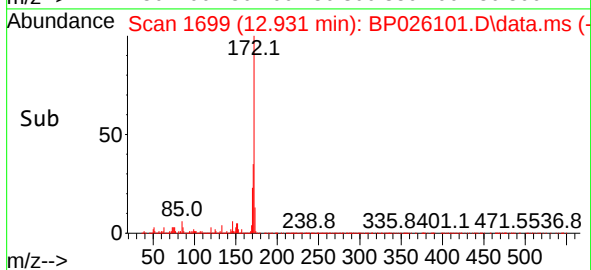
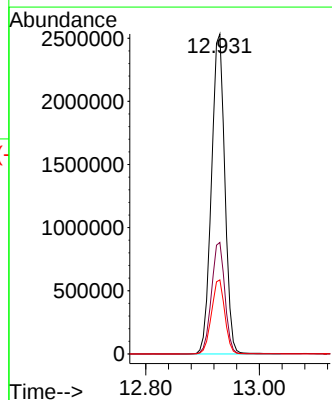
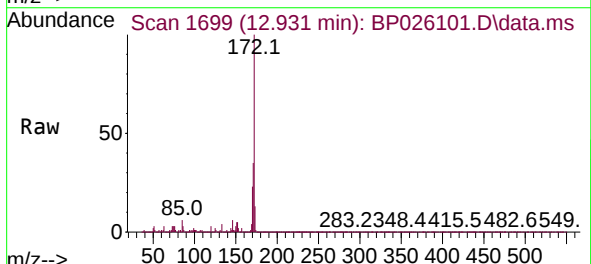
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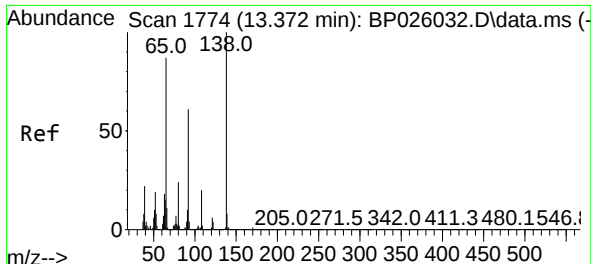
Tgt Ion:330 Resp: 1350187
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.7 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 80.807 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

Tgt Ion:172 Resp: 4141959
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.1 19.0 28.4

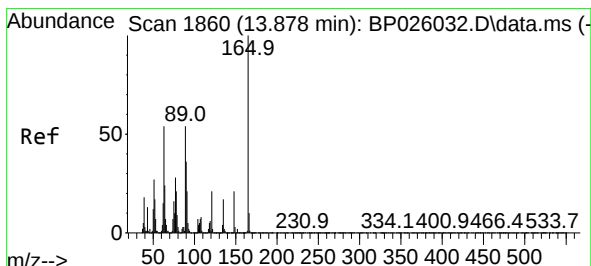
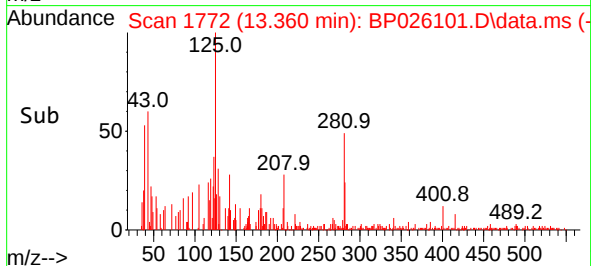
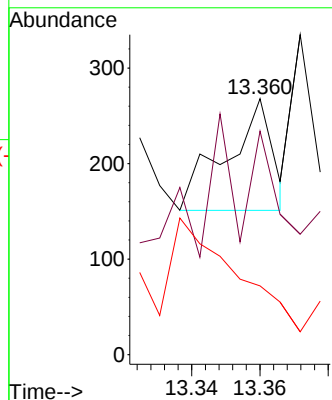
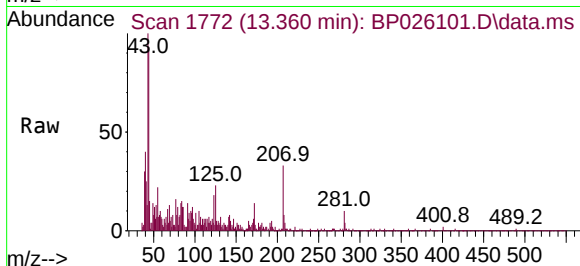




#48
2-Nitroaniline
Concen: 2.919 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

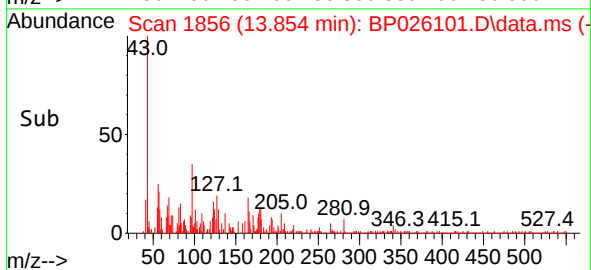
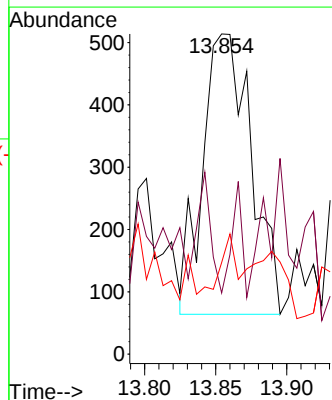
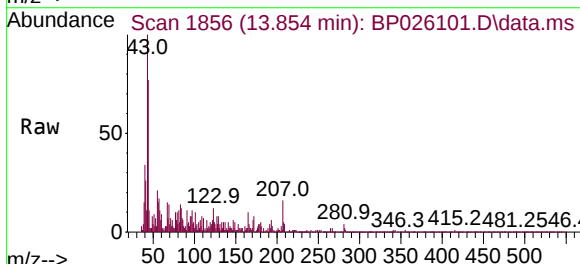
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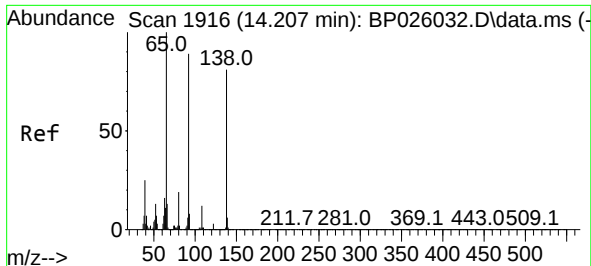
Tgt Ion: 65 Resp: 110
Ion Ratio Lower Upper
65 100
92 87.3 55.5 83.3#
138 26.9 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.091 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.024 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

Tgt Ion: 165 Resp: 1069
Ion Ratio Lower Upper
165 100
63 19.1 43.0 64.4#
89 28.6 43.0 64.4#

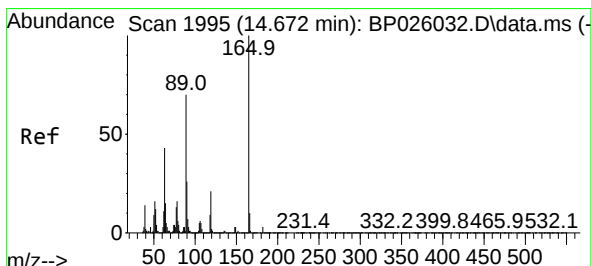
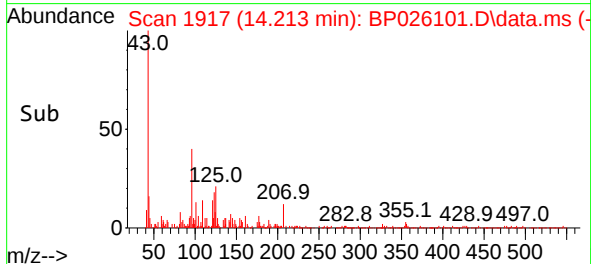
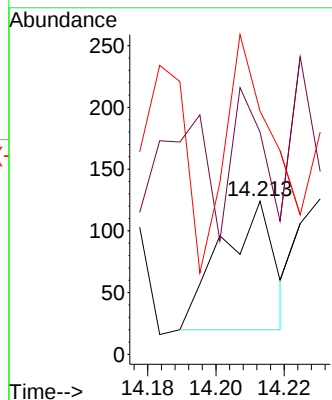
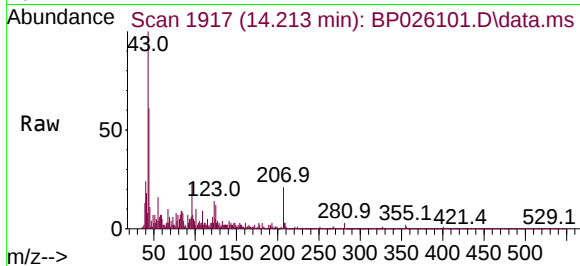




#53
3-Nitroaniline
Concen: 2.646 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

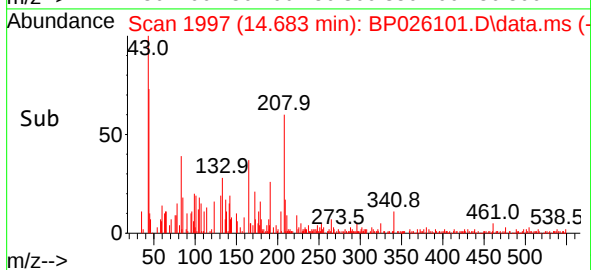
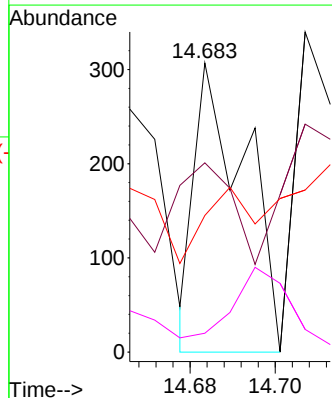
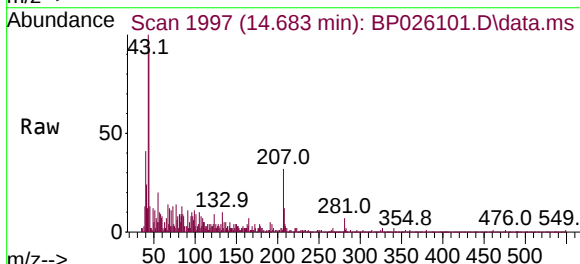
Instrument :
BNA_P
ClientSampleId :
WC-1A

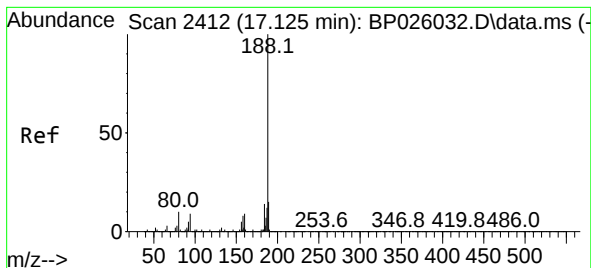
Tgt Ion:138 Resp: 112
Ion Ratio Lower Upper
138 100
108 145.2 11.4 17.0#
92 158.9 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.103 ng
RT: 14.683 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

Tgt Ion:165 Resp: 253
Ion Ratio Lower Upper
165 100
63 65.5 34.2 51.2#
89 47.2 56.0 84.0#
182 6.5 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.130 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BP026101.D

Acq: 11 Nov 2025 22:21

Instrument :

BNA_P

ClientSampleId :

WC-1A

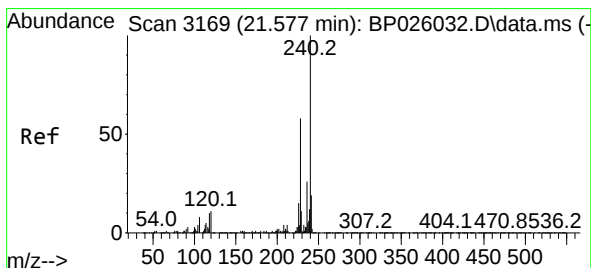
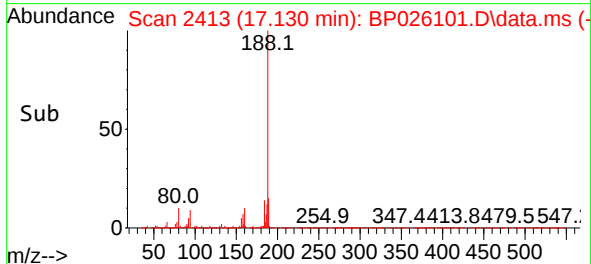
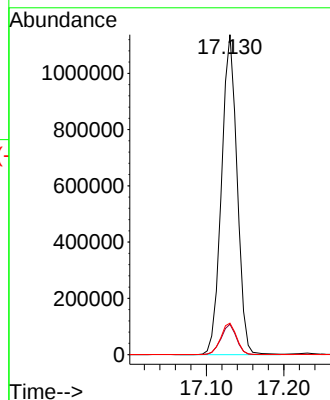
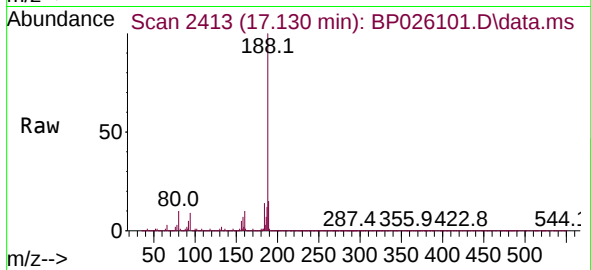
Tgt Ion:188 Resp: 1590782

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

80 9.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3168

Delta R.T. 0.006 min

Lab File: BP026101.D

Acq: 11 Nov 2025 22:21

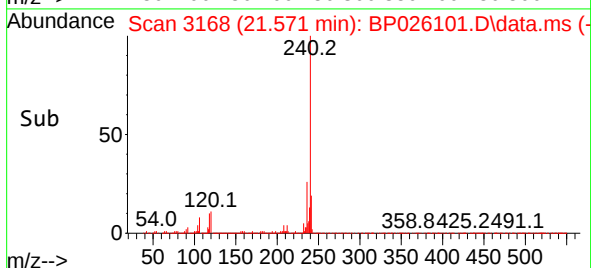
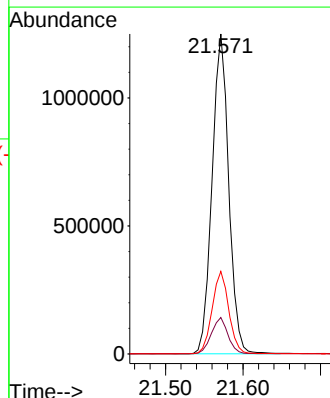
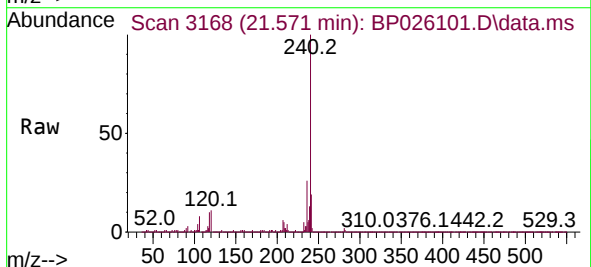
Tgt Ion:240 Resp: 1867178

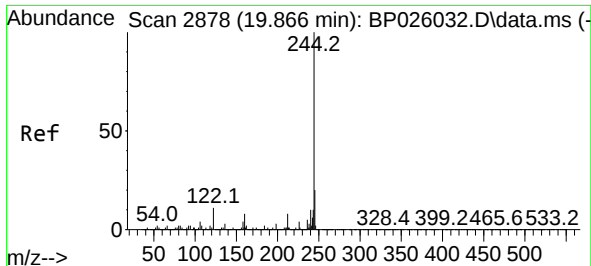
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 25.8 20.6 31.0

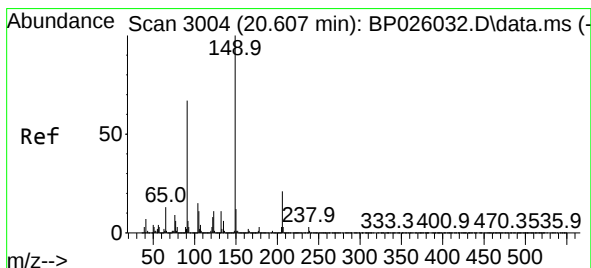
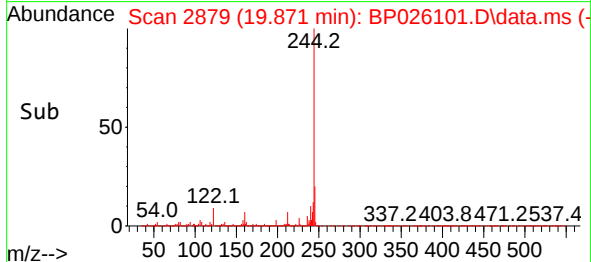
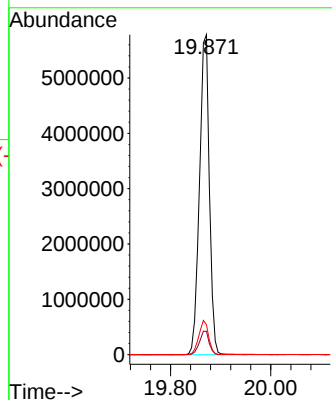
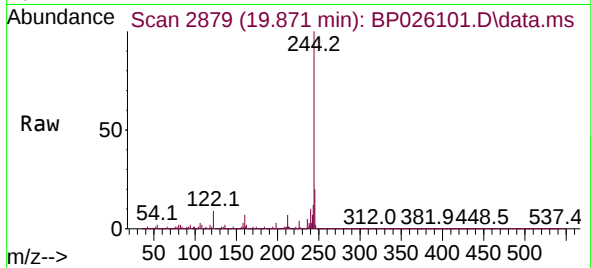




#79
 Terphenyl-d14
 Concen: 85.609 ng
 RT: 19.871 min Scan# 2879
 Delta R.T. 0.006 min
 Lab File: BP026101.D
 Acq: 11 Nov 2025 22:21

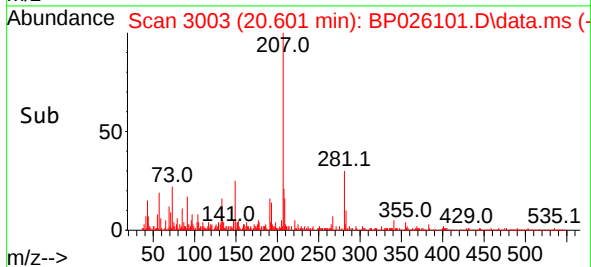
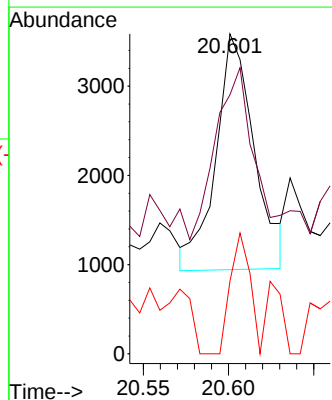
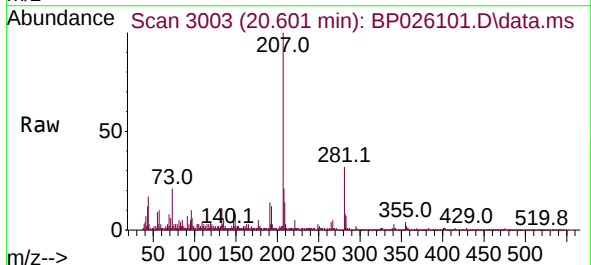
Instrument :
 BNA_P
 ClientSampleId :
 WC-1A

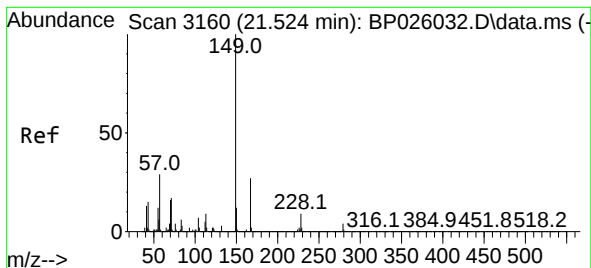
Tgt Ion:244 Resp: 7867751
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.4 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.479 ng
 RT: 20.601 min Scan# 3003
 Delta R.T. -0.006 min
 Lab File: BP026101.D
 Acq: 11 Nov 2025 22:21

Tgt Ion:149 Resp: 4137
 Ion Ratio Lower Upper
 149 100
 91 81.0 53.5 80.3#
 206 22.7 16.6 25.0

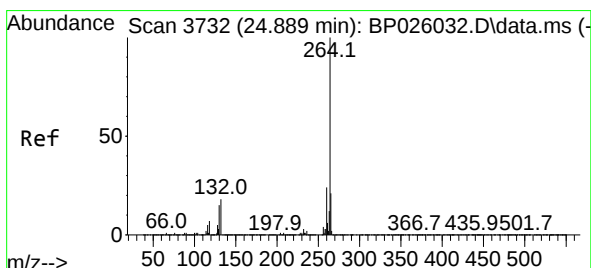
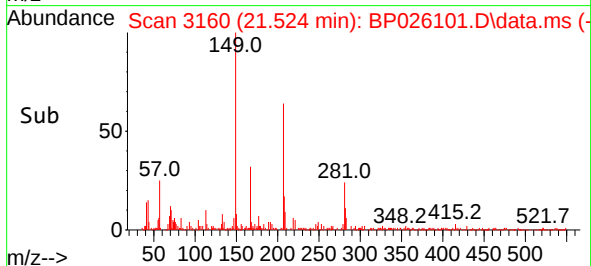
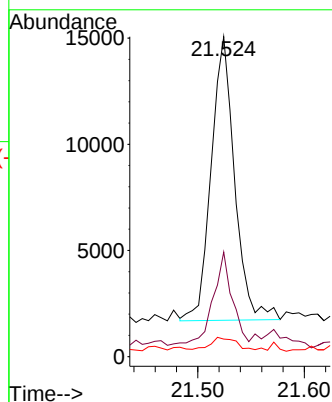
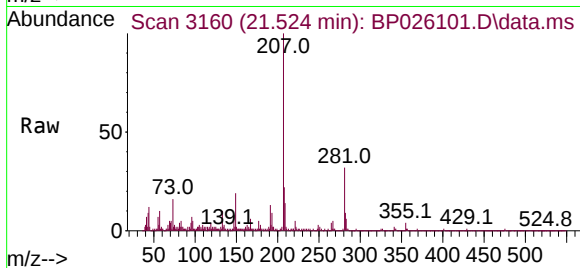




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.854 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

Instrument :
BNA_P
ClientSampleId :
WC-1A

Tgt Ion:149 Resp: 20472
Ion Ratio Lower Upper
149 100
167 32.7 21.5 32.3#
279 5.5 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.906 min Scan# 3735
Delta R.T. 0.024 min
Lab File: BP026101.D
Acq: 11 Nov 2025 22:21

Tgt Ion:264 Resp: 1891724
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.9 17.2 25.8

