

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026096.D
 Acq On : 11 Nov 2025 18:55
 Operator : RC/JU
 Sample : Q3569-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12

Quant Time: Nov 12 01:46:48 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)

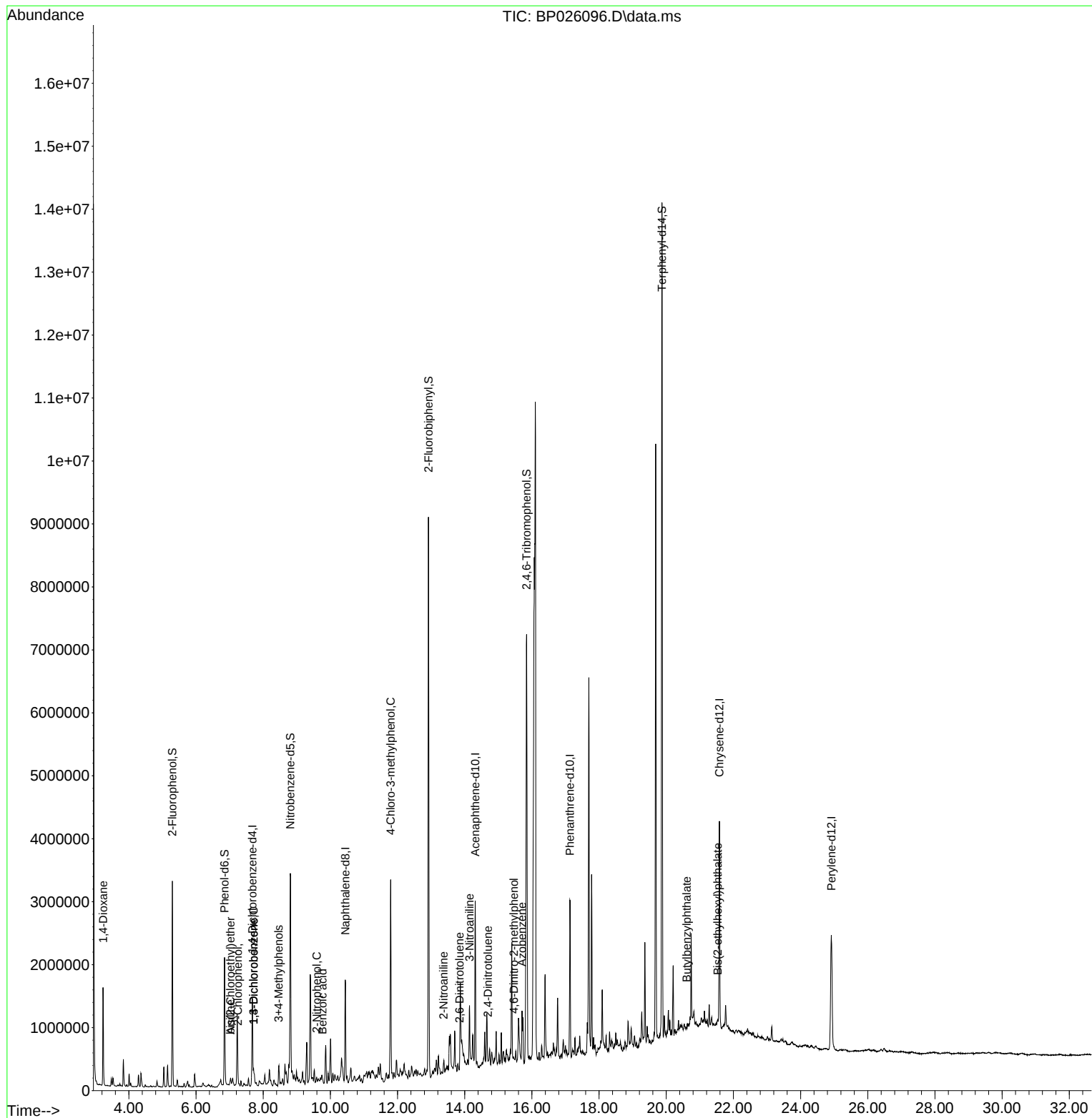
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	346728	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1352865	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	840321	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	1658313	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1893823	20.000	ng	0.02
86) Perylene-d12	24.912	264	2202758	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1427999	67.959	ng	0.00
7) Phenol-d6	6.849	99	1210081	45.245	ng	0.00
23) Nitrobenzene-d5	8.807	82	2056955	94.784	ng	-0.02
42) 2,4,6-Tribromophenol	15.842	330	1448875	159.485	ng	0.01
45) 2-Fluorobiphenyl	12.919	172	4874140	83.346	ng	-0.01
79) Terphenyl-d14	19.872	244	7516183	80.633	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	771130	87.052	ng	97
6) Aniline	7.025	93	110347	3.091	ng	99
8) 2-Chlorophenol	7.249	128	51862	2.229	ng	99
11) bis(2-Chloroethyl)ether	7.025	93	110347	4.709	ng	# 24
12) 1,3-Dichlorobenzene	7.713	146	97714	3.657	ng	98
13) 1,4-Dichlorobenzene	7.713	146	97714	3.617	ng	98
20) 3+4-Methylphenols	8.460	107	70746	2.616	ng	# 43
26) 2-Nitrophenol	9.590	139	2055	2.907	ng	# 3
32) Benzoic acid	9.766	122	383	3.158	ng	# 1
36) 4-Chloro-3-methylphenol	11.795	107	704971	32.607	ng	# 18
48) 2-Nitroaniline	13.366	65	5856	3.332	ng	# 36
51) 2,6-Dinitrotoluene	13.842	165	181	3.006	ng	# 3
53) 3-Nitroaniline	14.142	138	145394	12.616	ng	# 16
57) 2,4-Dinitrotoluene	14.689	165	178	3.097	ng	# 1
63) Azobenzene	15.707	77	232810	4.180	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.460	198	498	2.066	ng	# 1
80) Butylbenzylphthalate	20.613	149	2536	3.446	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.530	149	24005	2.895	ng	# 87

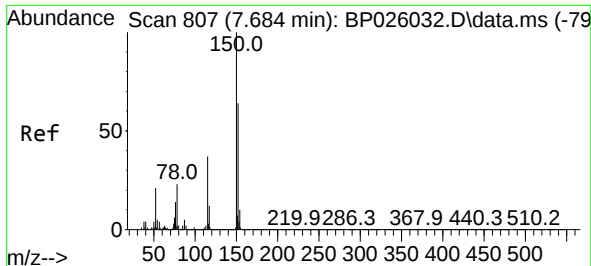
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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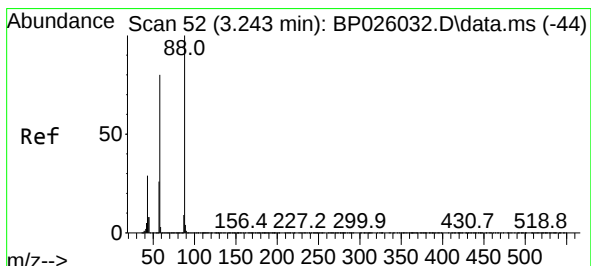
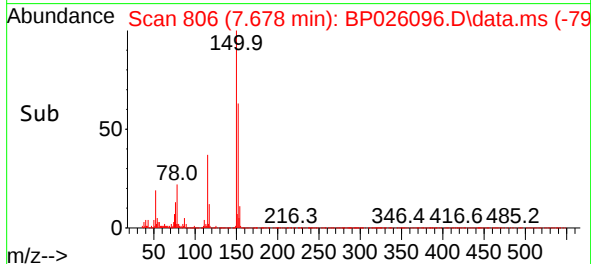
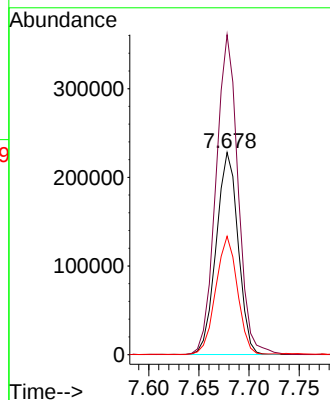
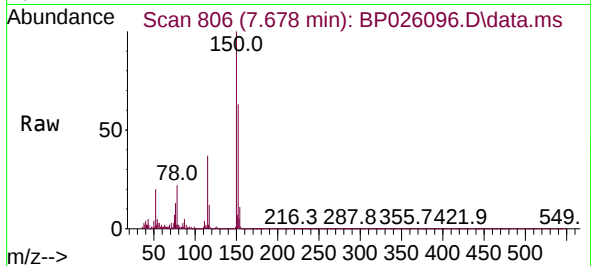




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026096.D
 Acq: 11 Nov 2025 18:55

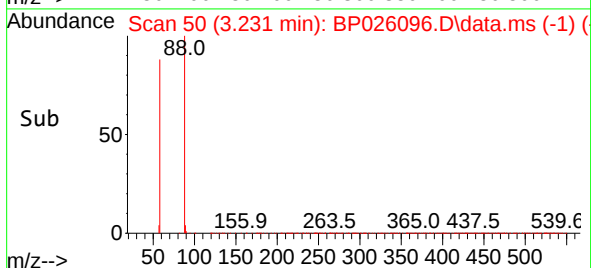
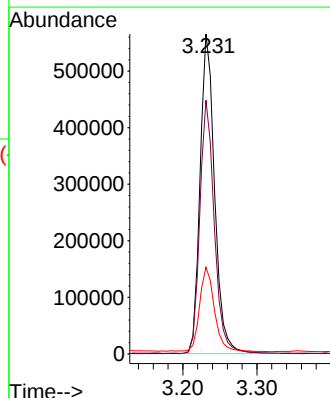
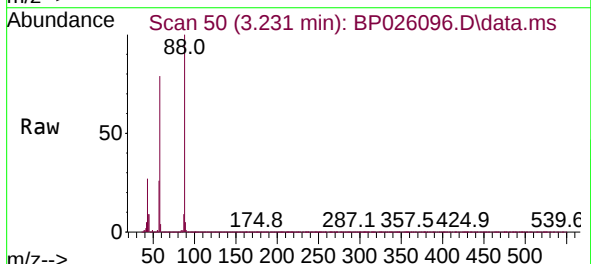
Instrument :
 BNA_P
 ClientSampleId :
 MW-12

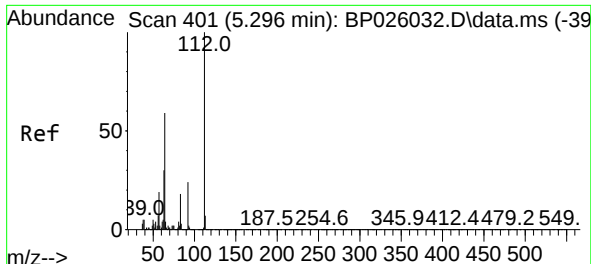
Tgt Ion:152 Resp: 346728
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.7 188.5
 115 58.5 46.4 69.6



#2
 1,4-Dioxane
 Concen: 87.052 ng
 RT: 3.231 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP026096.D
 Acq: 11 Nov 2025 18:55

Tgt Ion: 88 Resp: 771130
 Ion Ratio Lower Upper
 88 100
 58 78.6 65.4 98.0
 43 27.1 23.1 34.7

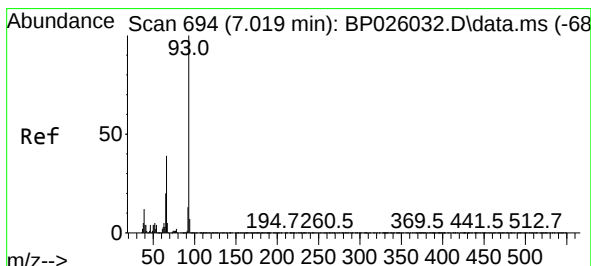
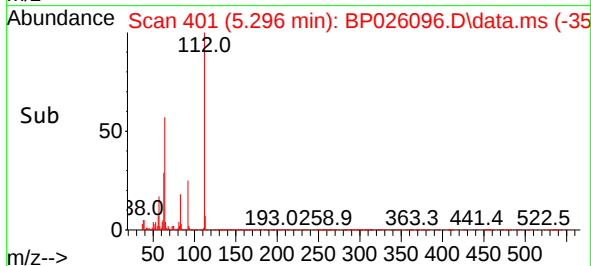
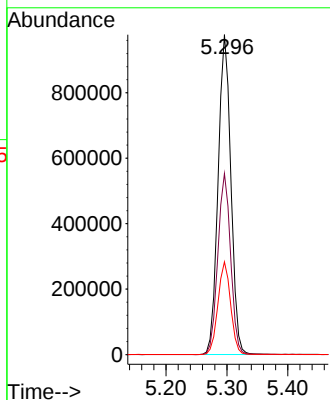
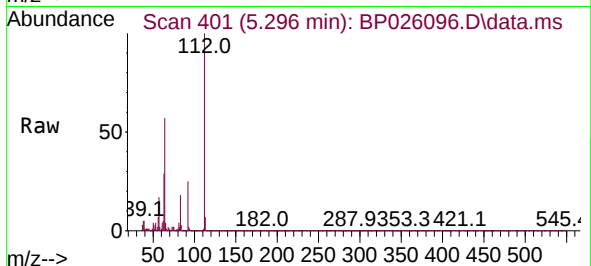




#5
2-Fluorophenol
Concen: 67.959 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

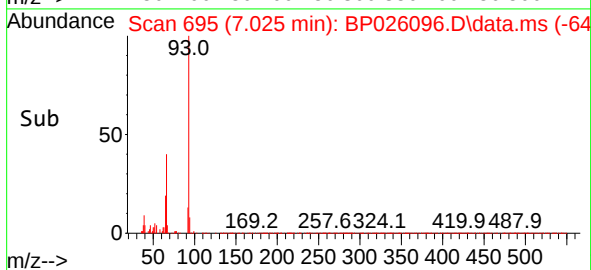
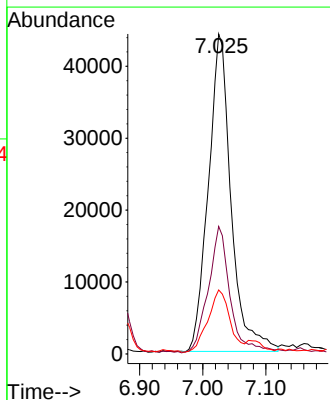
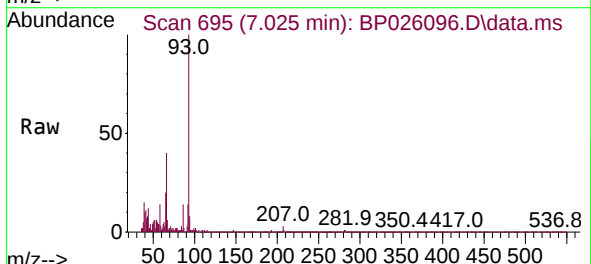
Instrument :
BNA_P
ClientSampleId :
MW-12

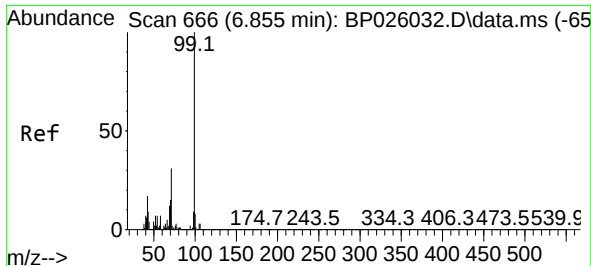
Tgt Ion:112 Resp: 1427999
Ion Ratio Lower Upper
112 100
64 56.6 47.4 71.2
63 29.0 24.2 36.4



#6
Aniline
Concen: 3.091 ng
RT: 7.025 min Scan# 695
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 93 Resp: 110347
Ion Ratio Lower Upper
93 100
66 39.8 31.2 46.8
65 20.0 16.1 24.1

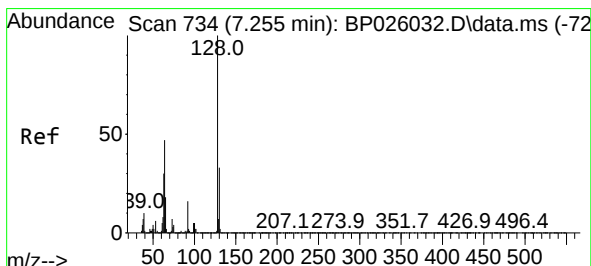
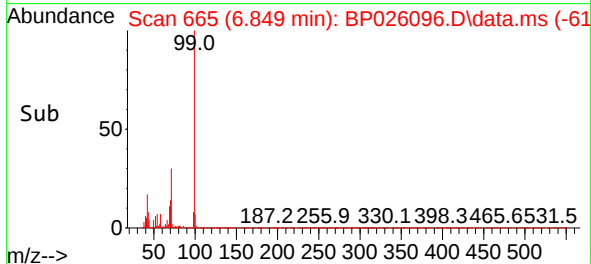
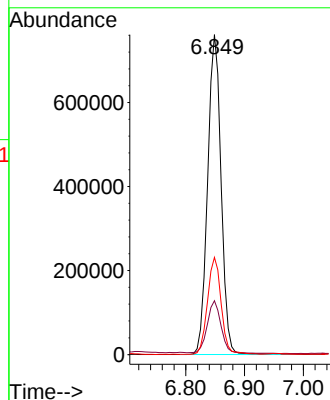
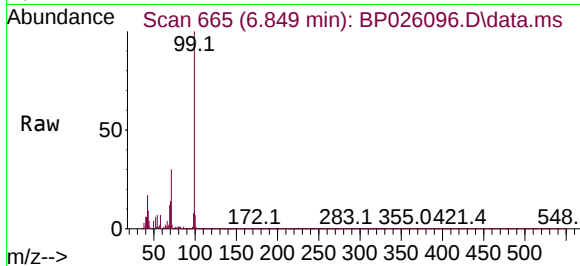




#7
Phenol-d6
Concen: 45.245 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

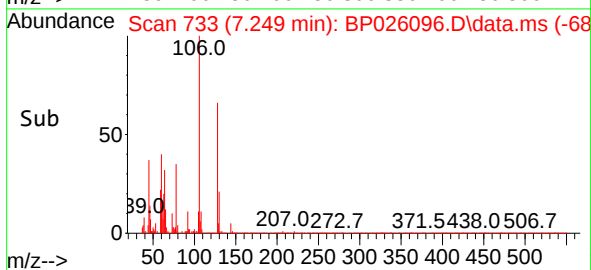
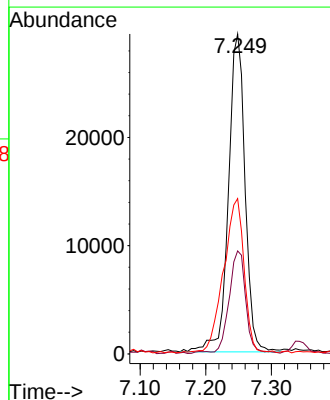
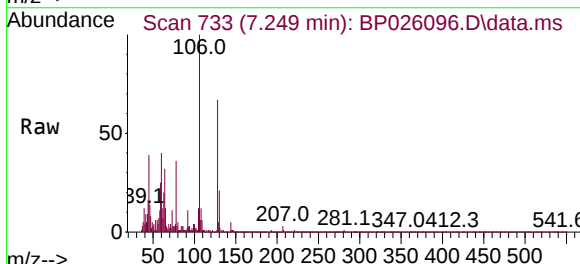
Instrument :
BNA_P
ClientSampleId :
MW-12

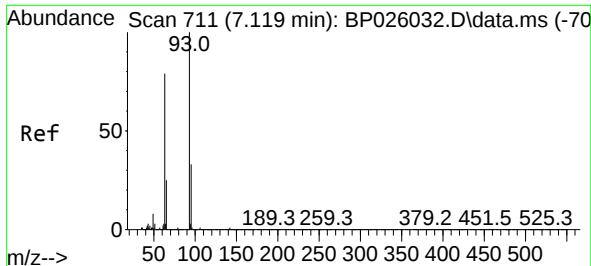
Tgt Ion: 99 Resp: 1210081
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 30.4 24.4 36.6



#8
2-Chlorophenol
Concen: 2.229 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:128 Resp: 51862
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 48.5 27.4 67.4

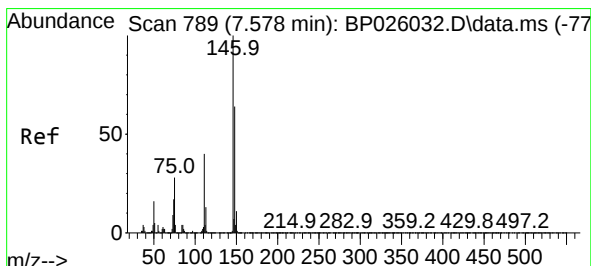
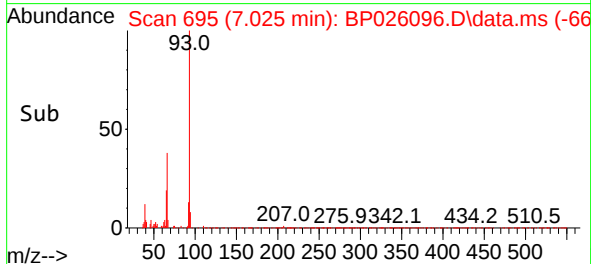
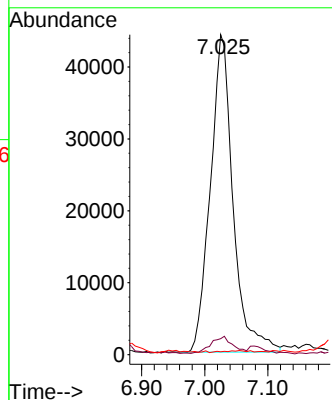
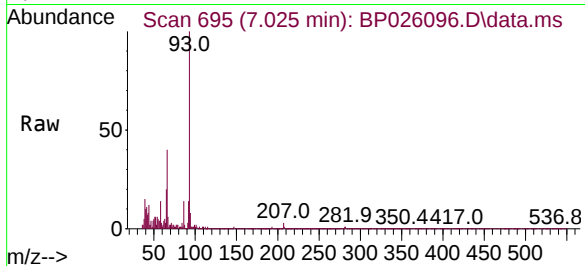




#11
bis(2-Chloroethyl)ether
Concen: 4.709 ng
RT: 7.025 min Scan# 69
Delta R.T. -0.094 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

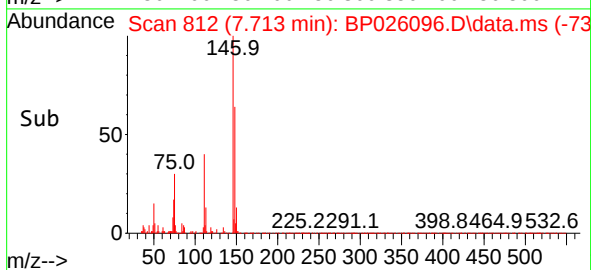
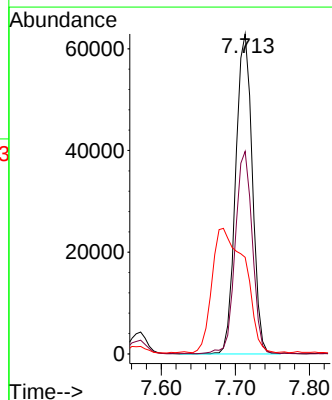
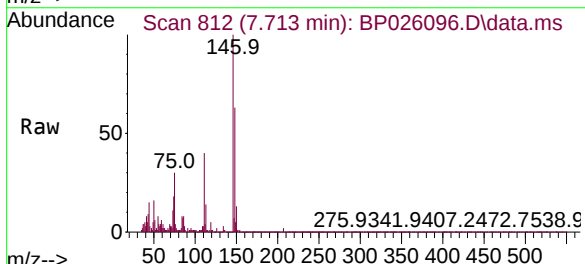
Instrument :
BNA_P
ClientSampleId :
MW-12

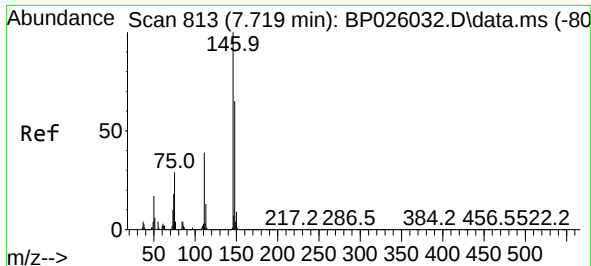
Tgt Ion: 93 Resp: 110347
Ion Ratio Lower Upper
93 100
63 5.0 59.1 99.1#
95 0.9 12.6 52.6#



#12
1,3-Dichlorobenzene
Concen: 3.657 ng
RT: 7.713 min Scan# 812
Delta R.T. 0.135 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:146 Resp: 97714
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
75 30.2 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 3.617 ng

RT: 7.713 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP026096.D

Acq: 11 Nov 2025 18:55

Instrument :

BNA_P

ClientSampleId :

MW-12

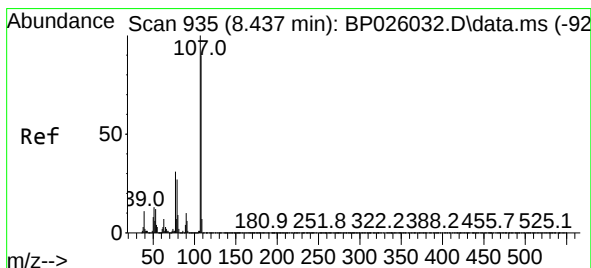
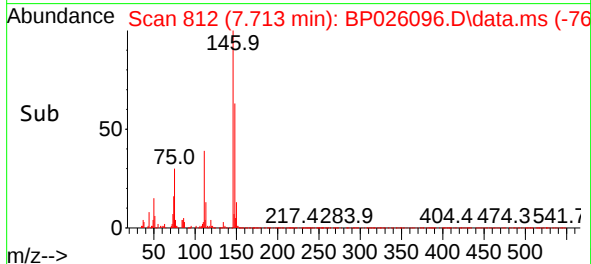
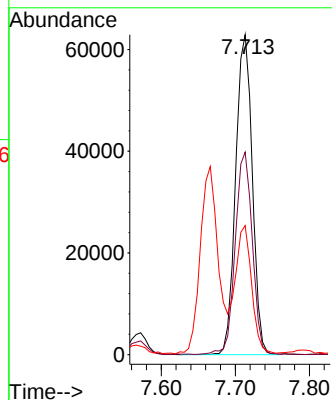
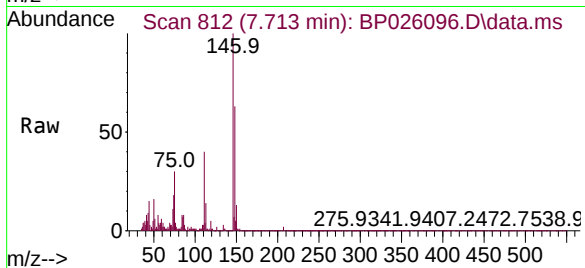
Tgt Ion:146 Resp: 97714

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.2

111 40.3 31.3 46.9



#20

3+4-Methylphenols

Concen: 2.616 ng

RT: 8.460 min Scan# 939

Delta R.T. 0.018 min

Lab File: BP026096.D

Acq: 11 Nov 2025 18:55

Tgt Ion:107 Resp: 70746

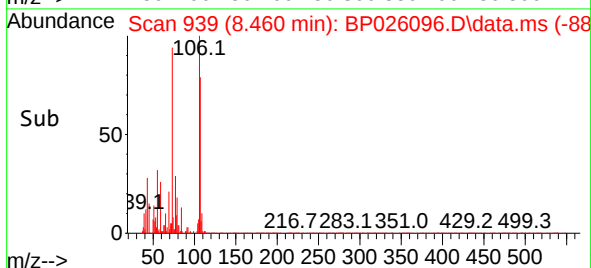
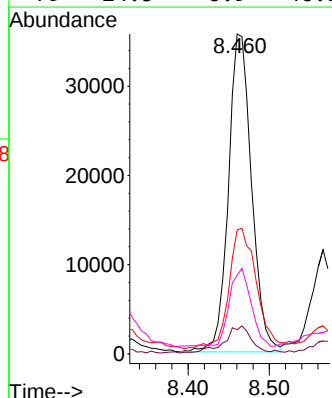
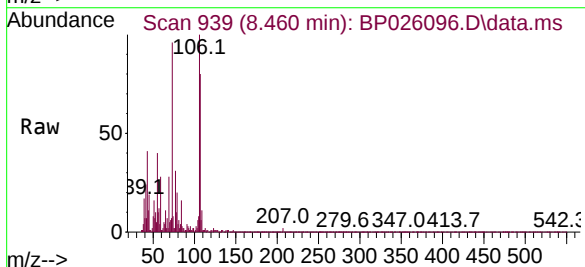
Ion Ratio Lower Upper

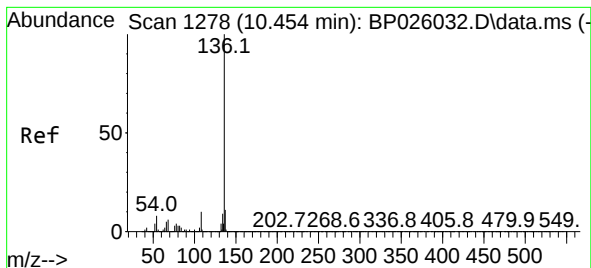
107 100

108 7.6 70.1 110.1#

77 38.7 10.7 50.7

79 24.5 6.9 46.9

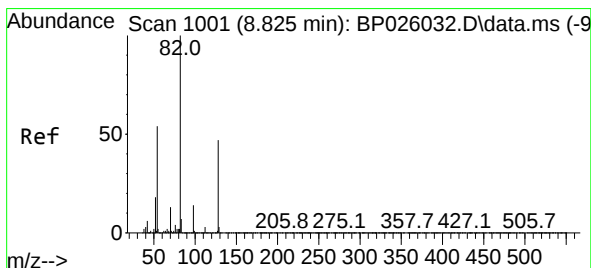
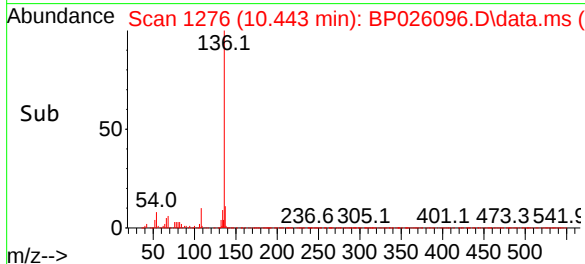
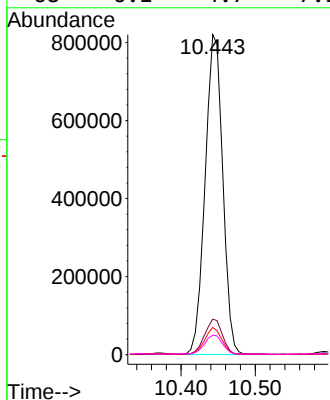
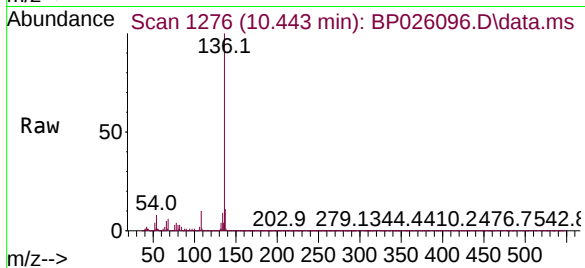




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

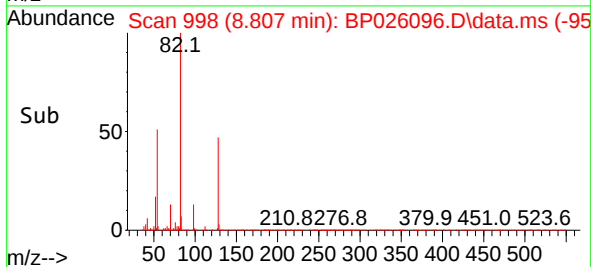
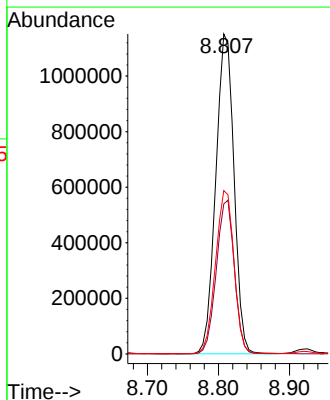
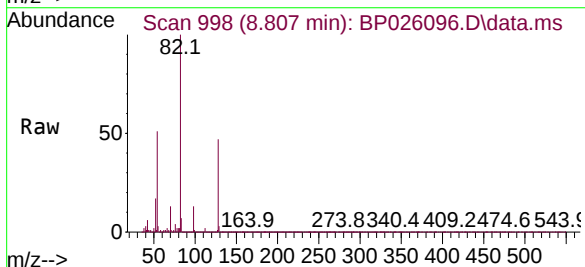
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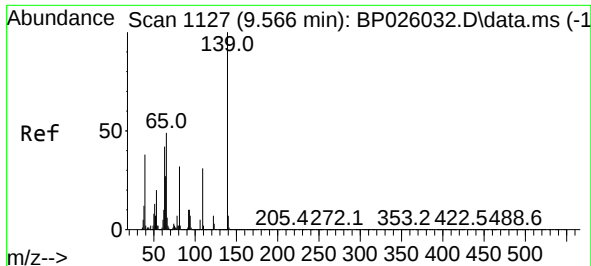
Tgt Ion:136 Resp: 1352865
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 6.6 10.0
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 94.784 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 82 Resp: 2056955
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 51.0 42.7 64.1

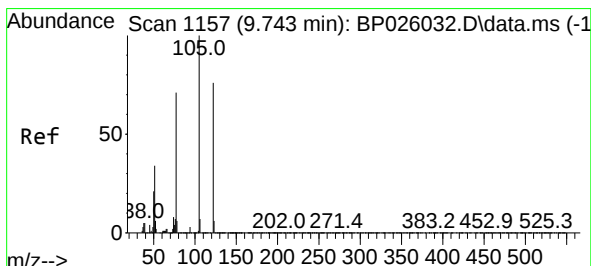
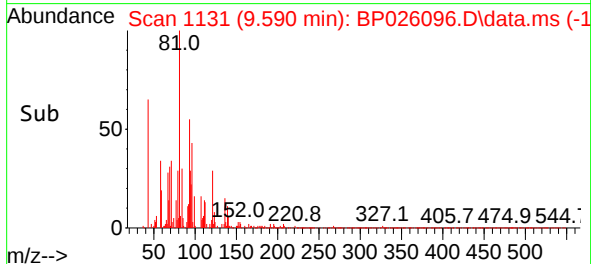
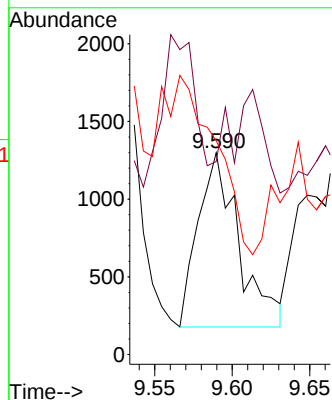
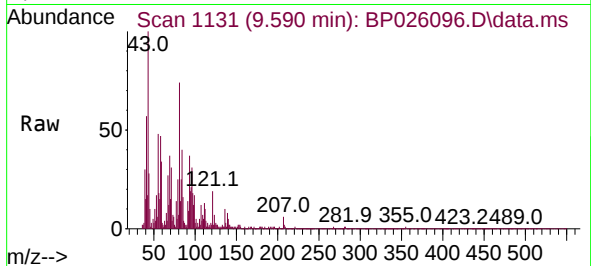




#26
2-Nitrophenol
Concen: 2.907 ng
RT: 9.590 min Scan# 1127
Delta R.T. 0.024 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

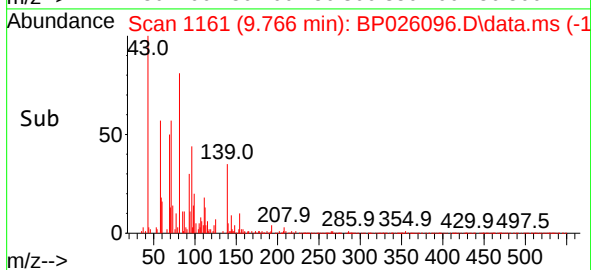
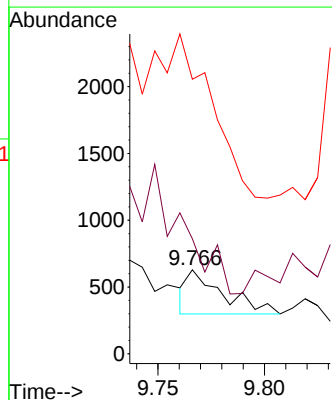
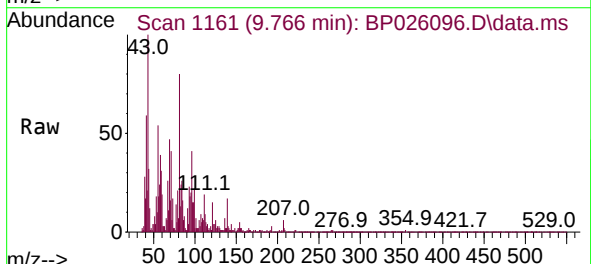
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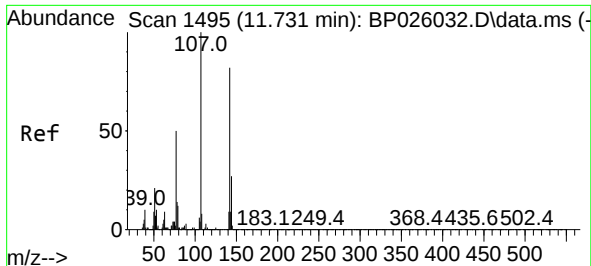
Tgt Ion:139 Resp: 2055
Ion Ratio Lower Upper
139 100
109 95.6 24.8 37.2#
65 105.9 39.0 58.4#



#32
Benzoic acid
Concen: 3.158 ng
RT: 9.766 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:122 Resp: 383
Ion Ratio Lower Upper
122 100
105 136.9 104.8 144.8
77 326.9 70.9 110.9#

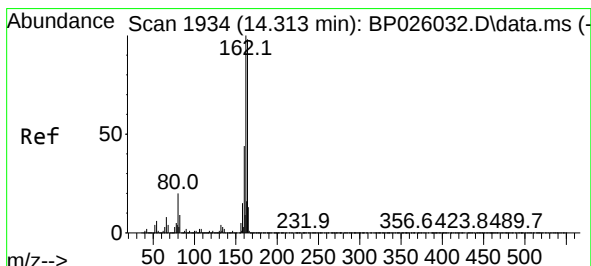
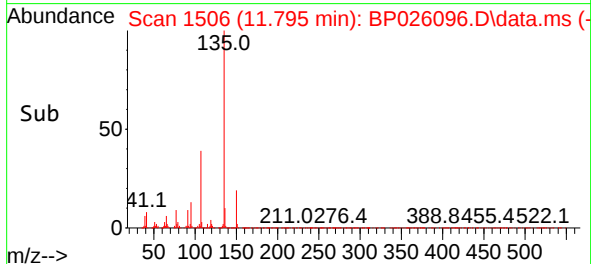
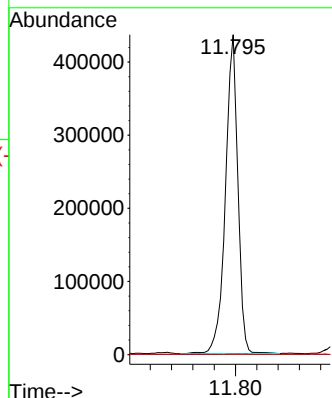
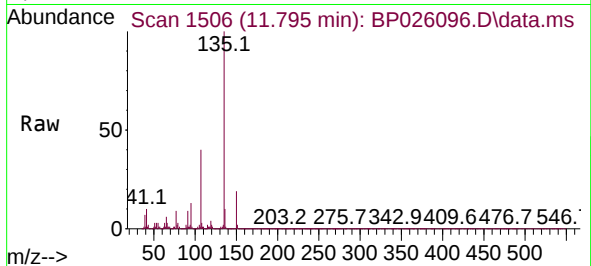




#36
4-Chloro-3-methylphenol
Concen: 32.607 ng
RT: 11.795 min Scan# 11
Delta R.T. 0.065 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

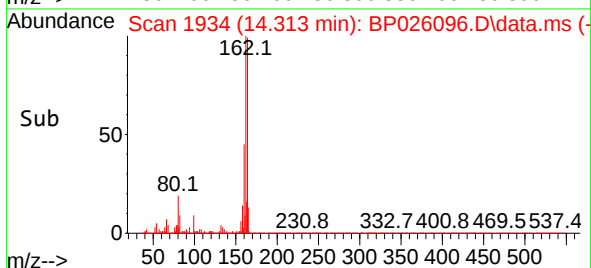
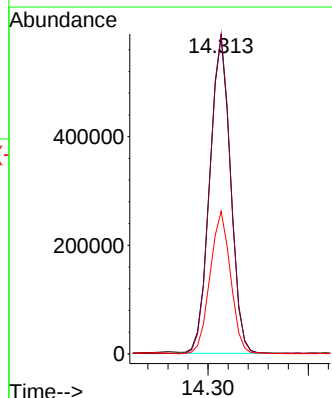
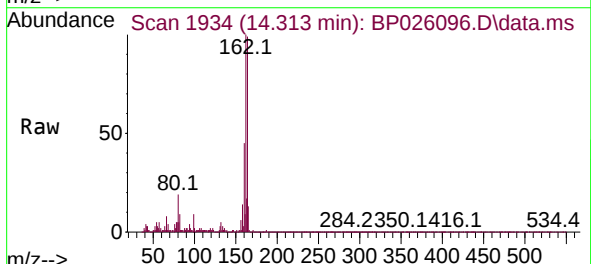
Instrument :
BNA_P
ClientSampleId :
MW-12

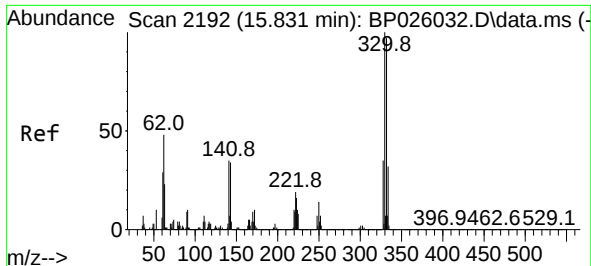
Tgt Ion:107 Resp: 704971
Ion Ratio Lower Upper
107 100
144 0.1 21.3 31.9#
142 0.1 65.2 97.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:164 Resp: 840321
Ion Ratio Lower Upper
164 100
162 101.0 81.5 122.3
160 45.0 36.2 54.4

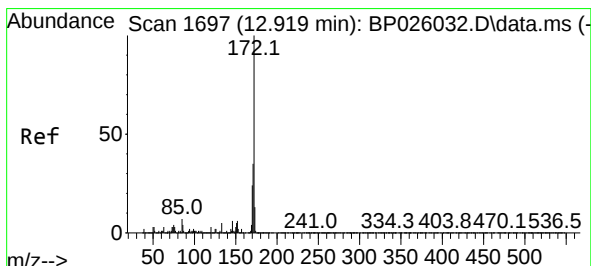
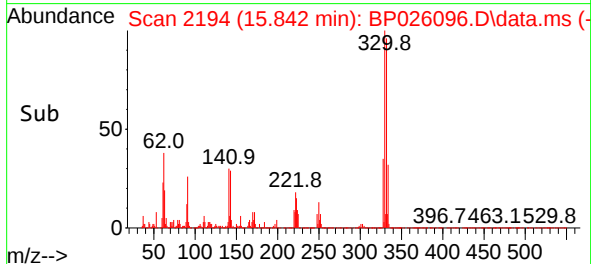
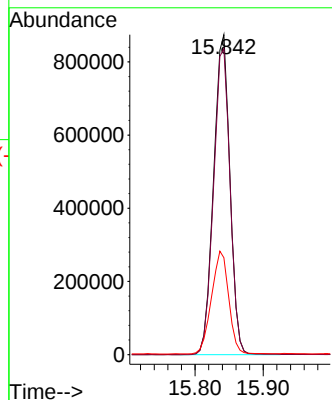
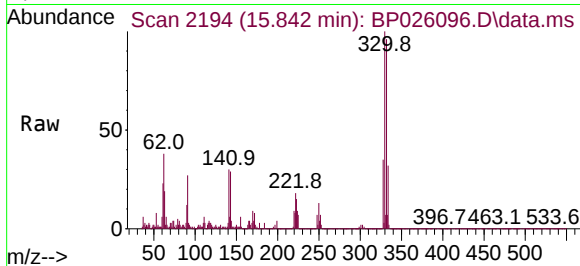




#42
2,4,6-Tribromophenol
Concen: 159.485 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

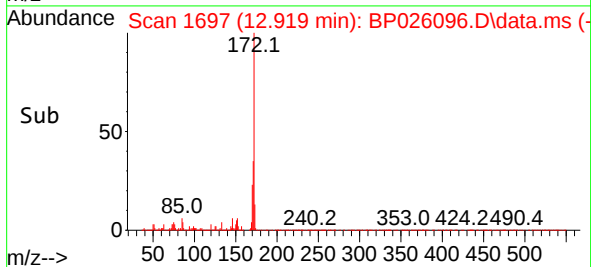
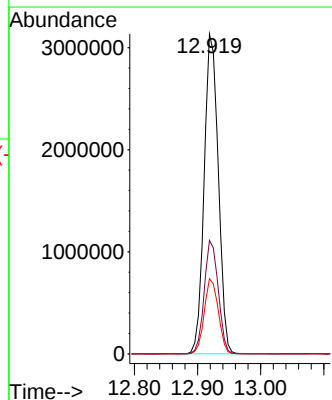
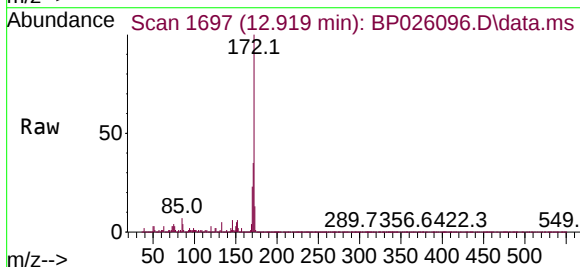
Instrument :
BNA_P
ClientSampleId :
MW-12

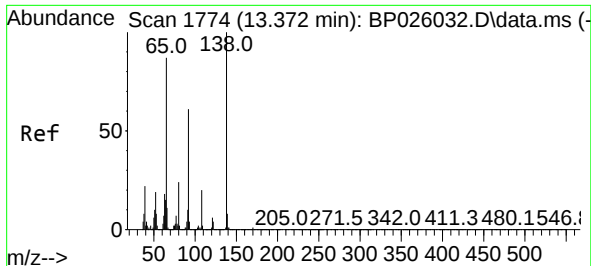
Tgt Ion: 330 Resp: 1448875
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.9 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 83.346 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 172 Resp: 4874140
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 19.0 28.4

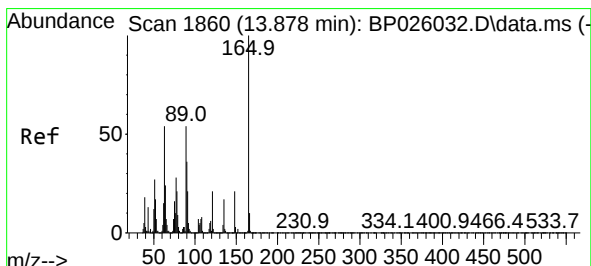
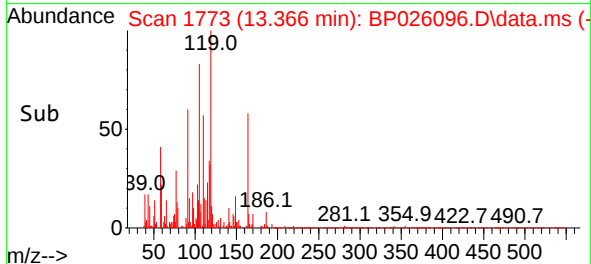
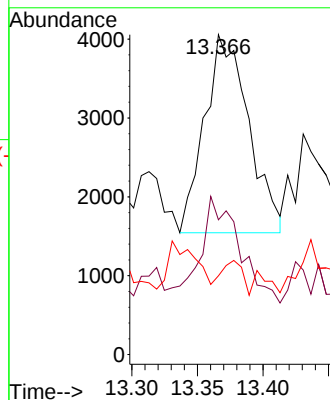
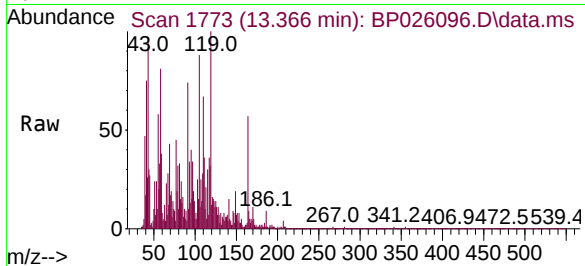




#48
2-Nitroaniline
Concen: 3.332 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

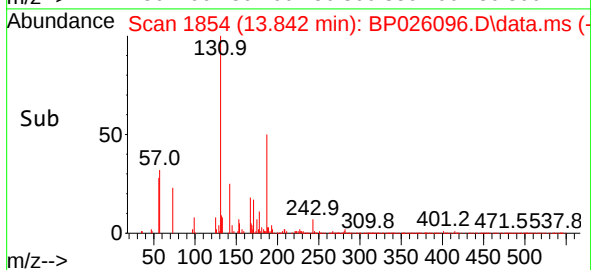
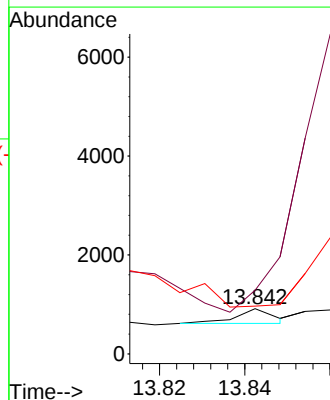
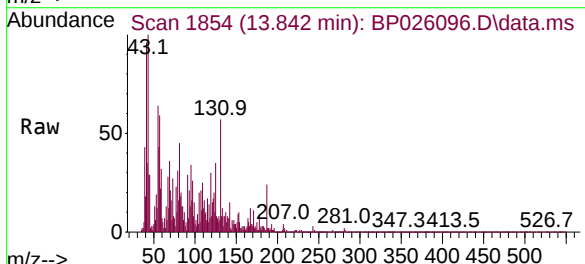
Instrument :
BNA_P
ClientSampleId :
MW-12

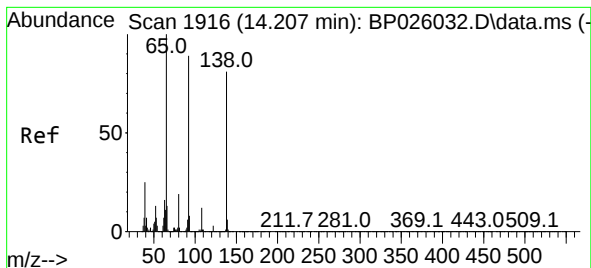
Tgt Ion: 65 Resp: 5856
Ion Ratio Lower Upper
65 100
92 42.1 55.5 83.3#
138 24.6 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.006 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.036 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 165 Resp: 181
Ion Ratio Lower Upper
165 100
63 140.7 43.0 64.4#
89 105.5 43.0 64.4#

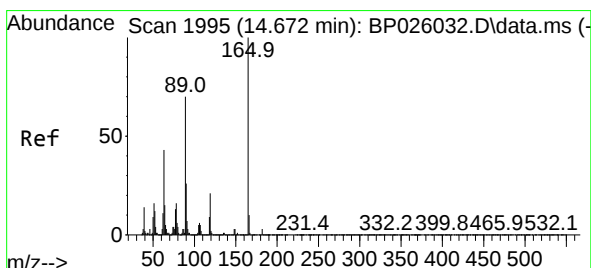
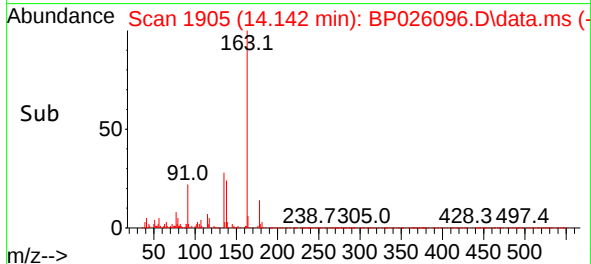
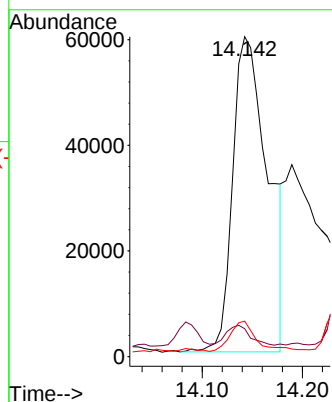
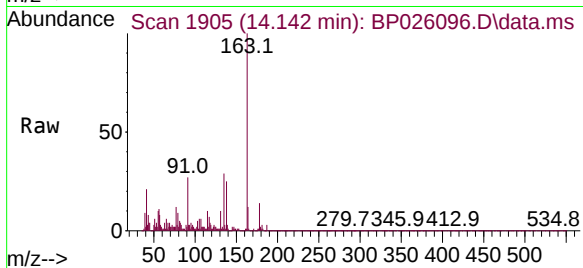




#53
3-Nitroaniline
Concen: 12.616 ng
RT: 14.142 min Scan# 1916
Delta R.T. -0.065 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

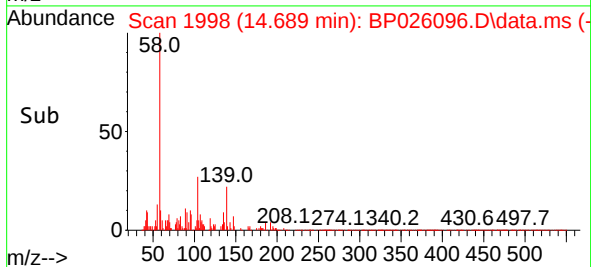
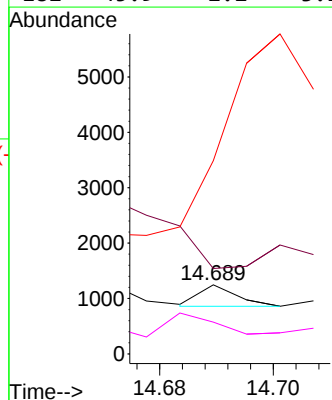
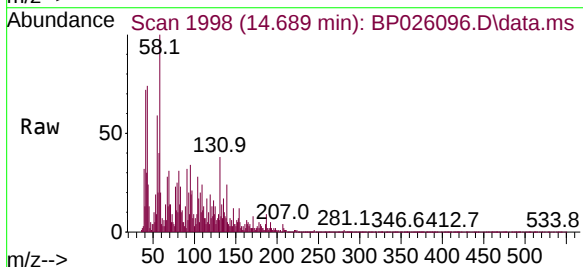
Instrument :
BNA_P
ClientSampleId :
MW-12

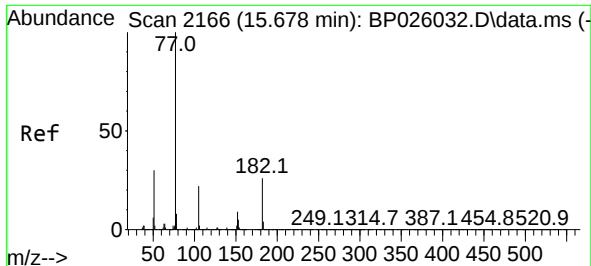
Tgt Ion:138 Resp: 145394
Ion Ratio Lower Upper
138 100
108 8.7 11.4 17.0#
92 11.1 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.097 ng
RT: 14.689 min Scan# 1998
Delta R.T. 0.011 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:165 Resp: 178
Ion Ratio Lower Upper
165 100
63 123.5 34.2 51.2#
89 279.6 56.0 84.0#
182 45.9 2.2 3.2#

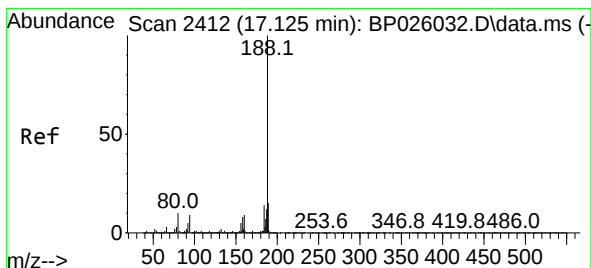
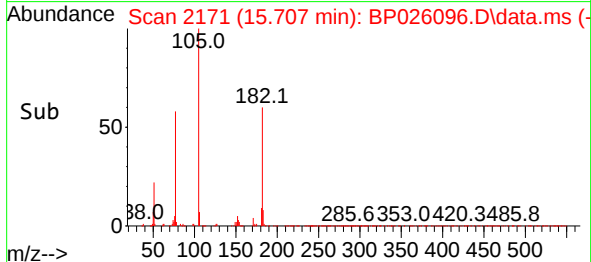
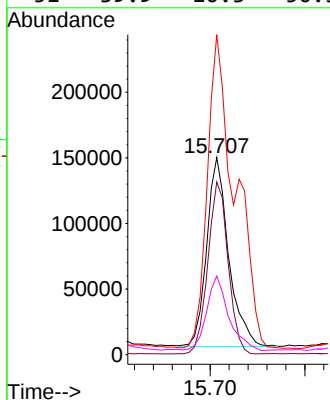
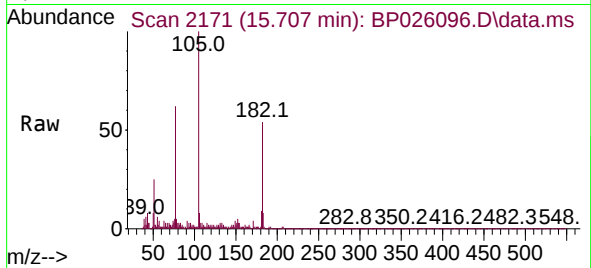




#63
Azobenzene
Concen: 4.180 ng
RT: 15.707 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

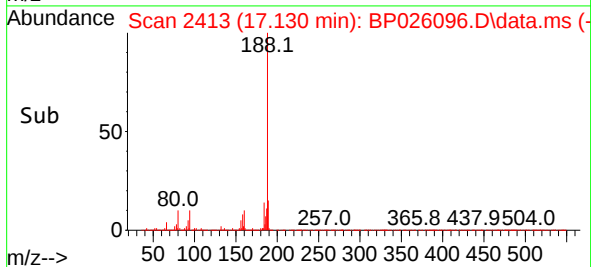
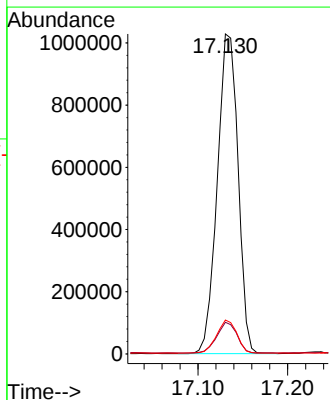
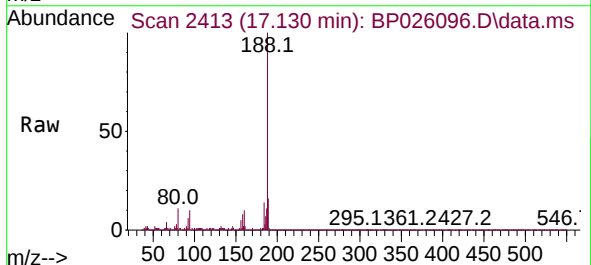
Instrument :
BNA_P
ClientSampleId :
MW-12

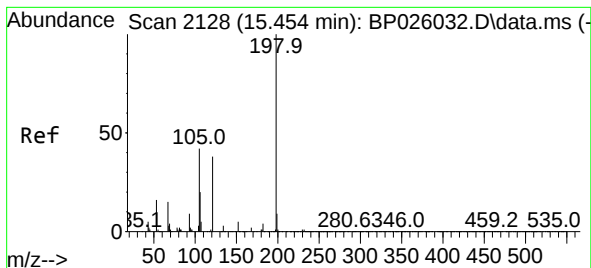
Tgt Ion: 77 Resp: 232810
Ion Ratio Lower Upper
77 100
182 87.7 6.4 46.4#
105 162.4 2.2 42.2#
51 39.9 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.130 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:188 Resp: 1658313
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 10.6 7.9 11.9

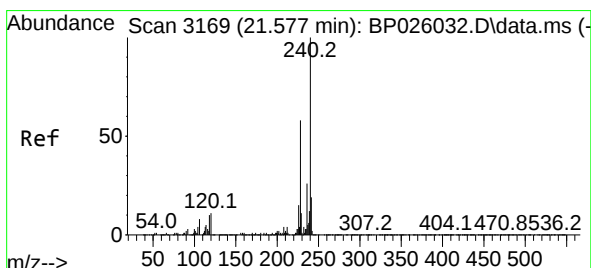
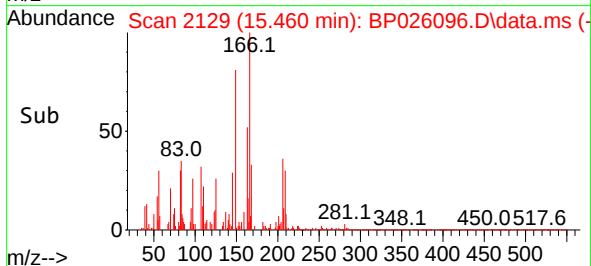
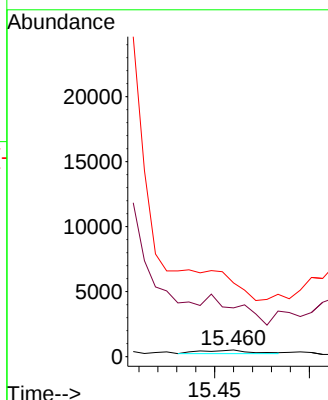
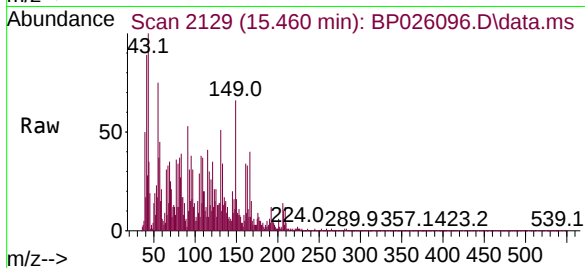




#65
4,6-Dinitro-2-methylphenol
Concen: 2.066 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

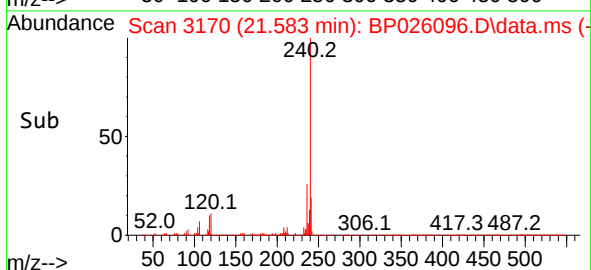
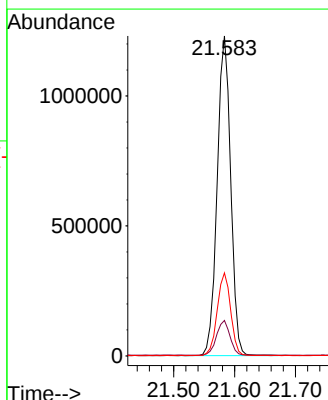
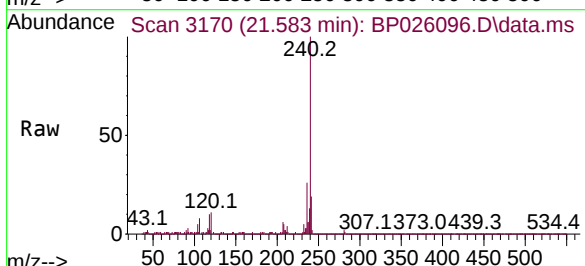
Instrument :
BNA_P
ClientSampleId :
MW-12

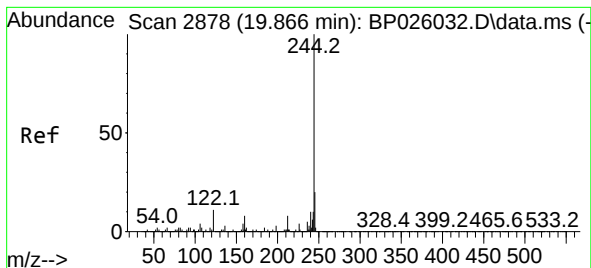
Tgt Ion:198 Resp: 498
Ion Ratio Lower Upper
198 100
51 730.4 25.2 65.2#
105 1103.7 23.7 63.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:240 Resp: 1893823
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 80.633 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026096.D

Acq: 11 Nov 2025 18:55

Instrument :

BNA_P

ClientSampleId :

MW-12

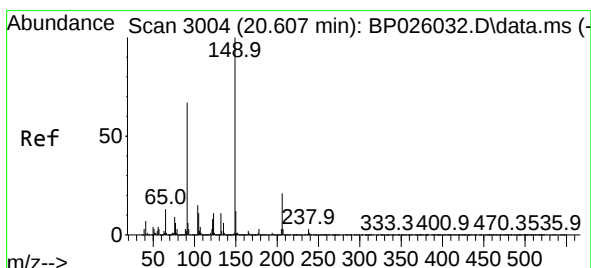
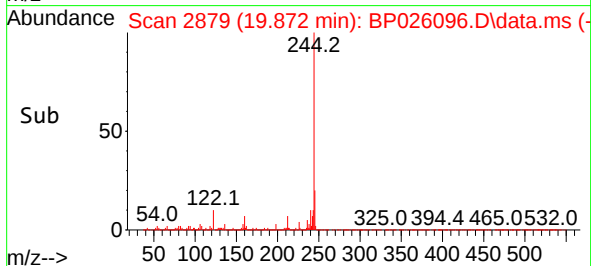
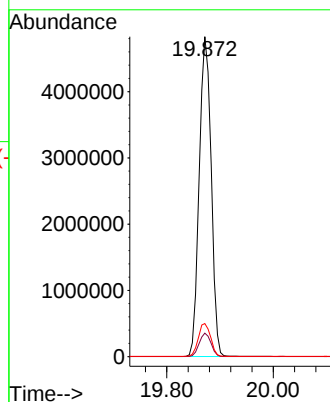
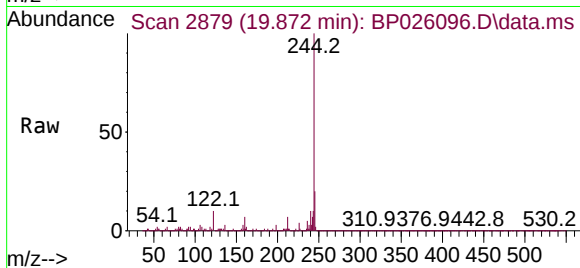
Tgt Ion:244 Resp: 7516183

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.3 9.0 13.6



#80

Butylbenzylphthalate

Concen: 3.446 ng

RT: 20.613 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BP026096.D

Acq: 11 Nov 2025 18:55

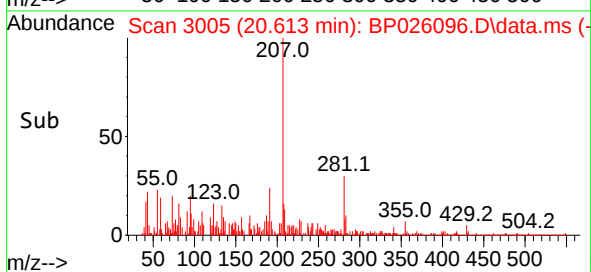
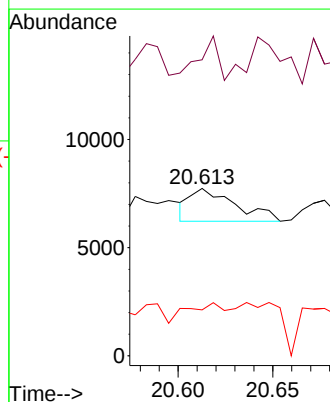
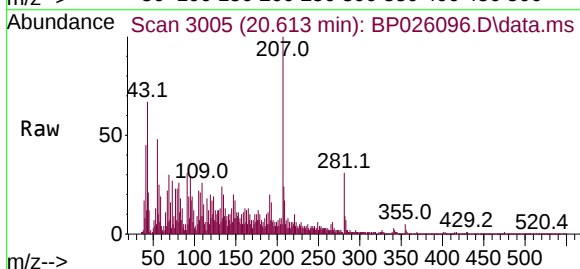
Tgt Ion:149 Resp: 2536

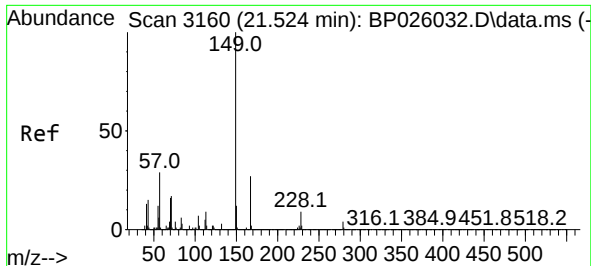
Ion Ratio Lower Upper

149 100

91 176.8 53.5 80.3#

206 27.5 16.6 25.0#

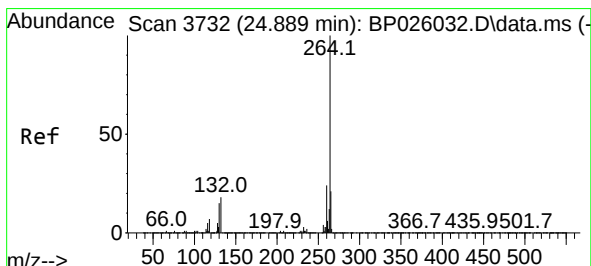
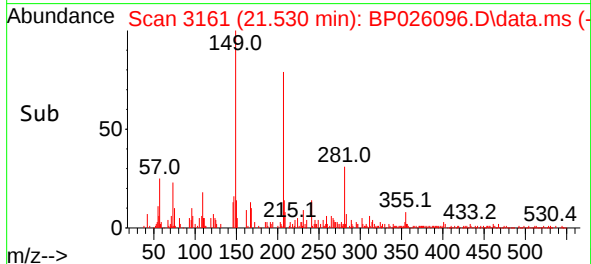
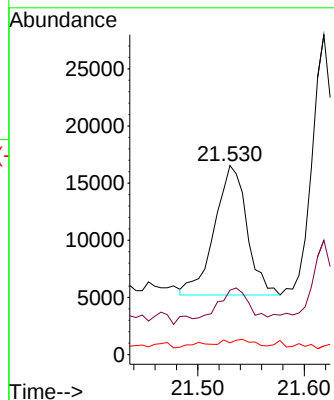
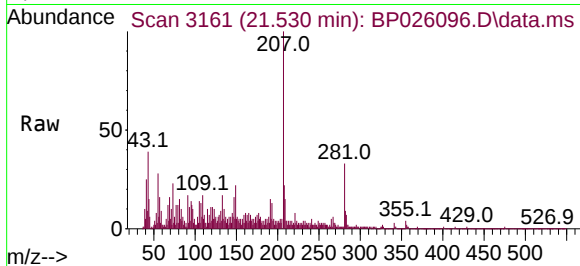




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.895 ng
RT: 21.530 min Scan# 3160
Delta R.T. 0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:149 Resp: 24005
Ion Ratio Lower Upper
149 100
167 34.1 21.5 32.3#
279 6.2 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:264 Resp: 2202758
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.4 17.2 25.8

