

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026081.D
 Acq On : 06 Nov 2025 17:45
 Operator : RC/JU
 Sample : Q3534-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-1

Quant Time: Nov 07 01:01:03 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)

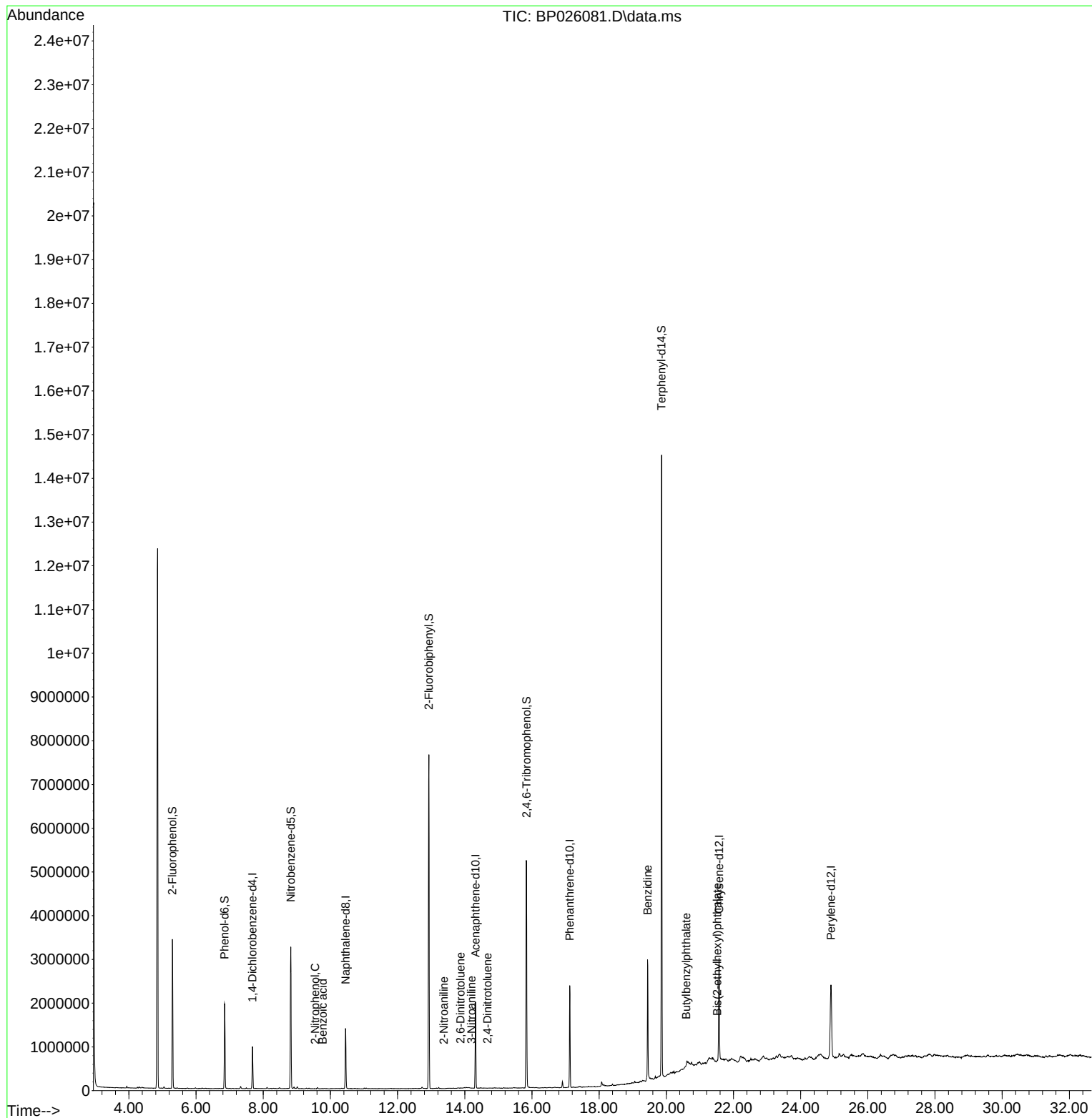
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	277359	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1074842	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	656338	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1338846	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1519419	20.000	ng	0.00
86) Perylene-d12	24.901	264	1841615	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1437672	85.532	ng	0.00
7) Phenol-d6	6.849	99	1101390	51.481	ng	0.00
23) Nitrobenzene-d5	8.819	82	1711143	99.245	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1158129	163.217	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	3915612	85.725	ng	0.00
79) Terphenyl-d14	19.860	244	6948205	92.908	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.549	139	174	2.702	ng	# 1
32) Benzoic acid	9.772	122	79	3.127	ng	# 1
48) 2-Nitroaniline	13.372	65	192	2.927	ng	# 42
51) 2,6-Dinitrotoluene	13.872	165	1075	3.104	ng	# 66
53) 3-Nitroaniline	14.196	138	318	2.665	ng	# 46
57) 2,4-Dinitrotoluene	14.678	165	179	3.100	ng	# 71
77) Benzidine	19.442	184	1600987	41.512	ng	99
80) Butylbenzylphthalate	20.595	149	2856	3.466	ng	# 66
84) Bis(2-ethylhexyl)phtha...	21.519	149	15838	2.842	ng	# 95

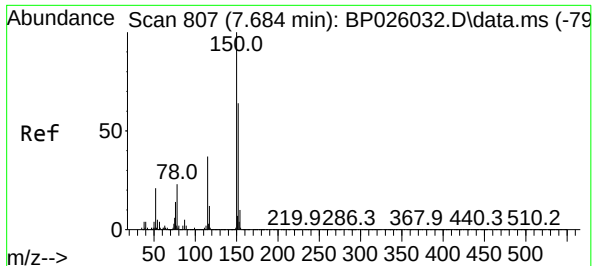
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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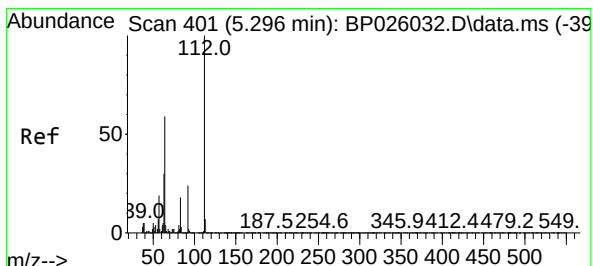
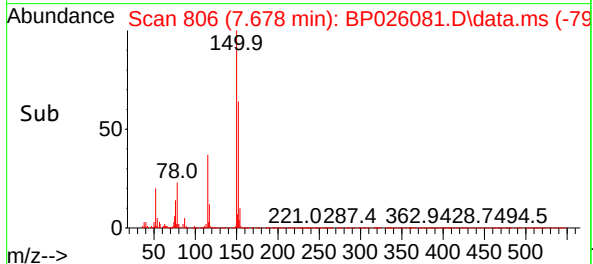
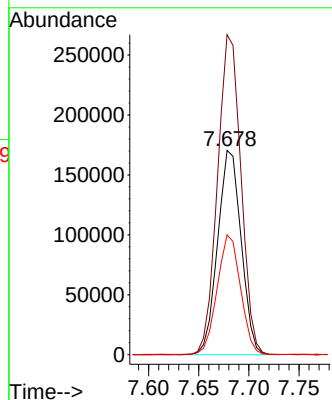
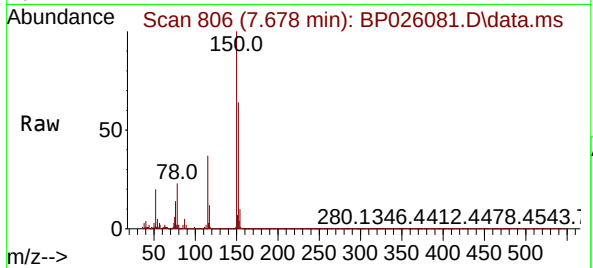




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

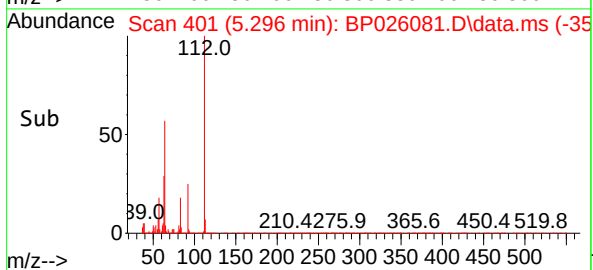
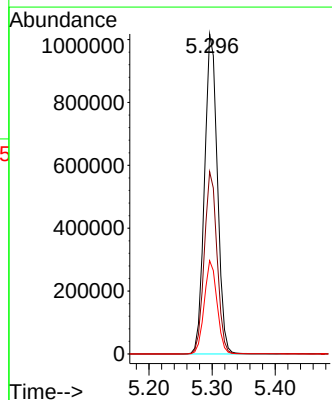
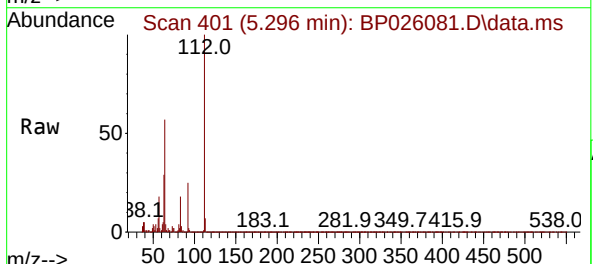
Instrument :
BNA_P
ClientSampleId :
EB-1

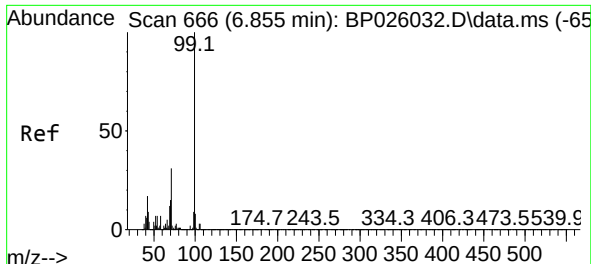
Tgt Ion:152 Resp: 277359
Ion Ratio Lower Upper
152 100
150 156.7 125.7 188.5
115 58.7 46.4 69.6



#5
2-Fluorophenol
Concen: 85.532 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:112 Resp: 1437672
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.2
63 29.1 24.2 36.4

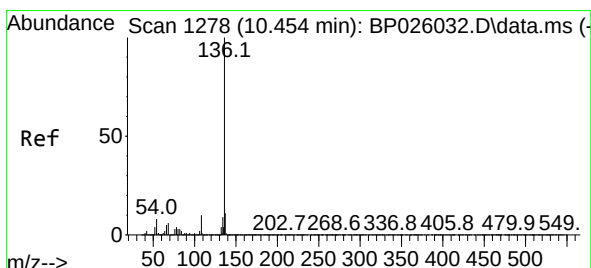
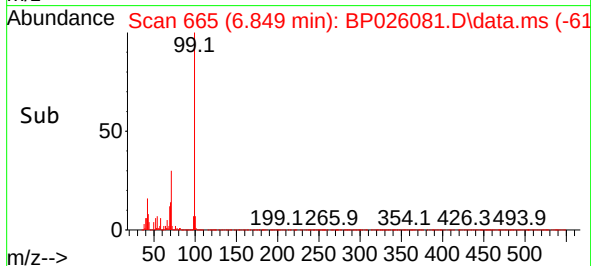
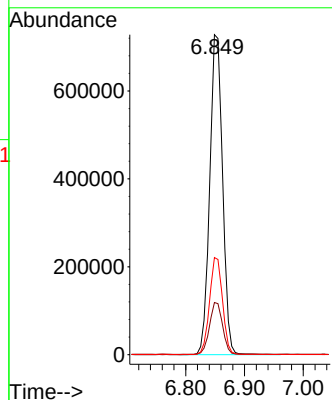
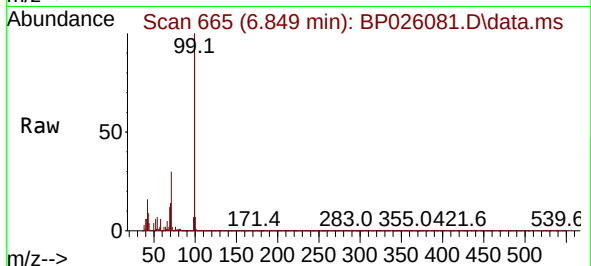




#7
Phenol-d6
Concen: 51.481 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

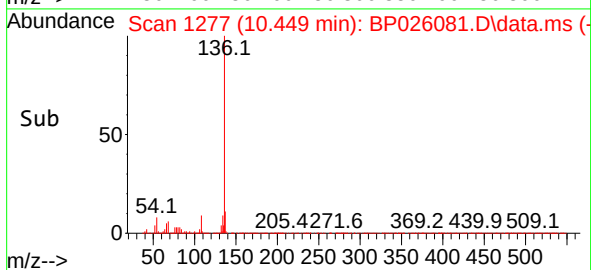
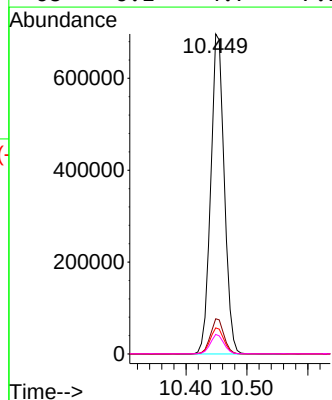
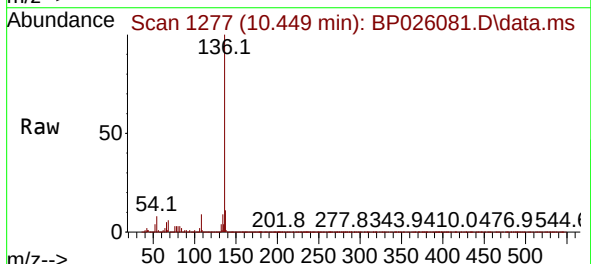
Instrument :
BNA_P
ClientSampleId :
EB-1

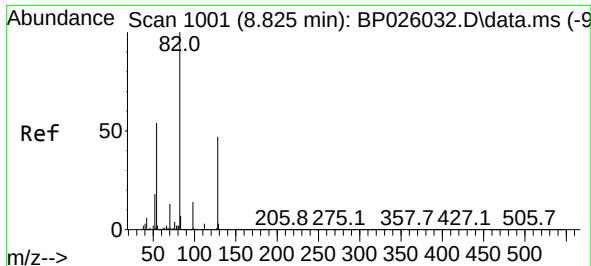
Tgt Ion: 99 Resp: 1101390
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion: 136 Resp: 1074842
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 6.6 10.0
68 6.1 4.7 7.1

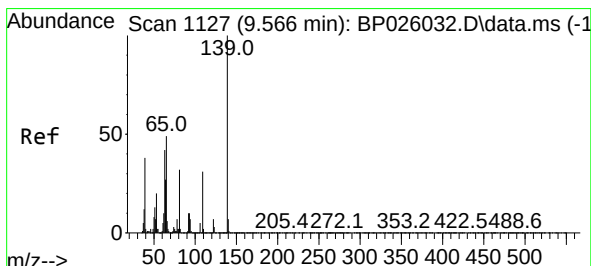
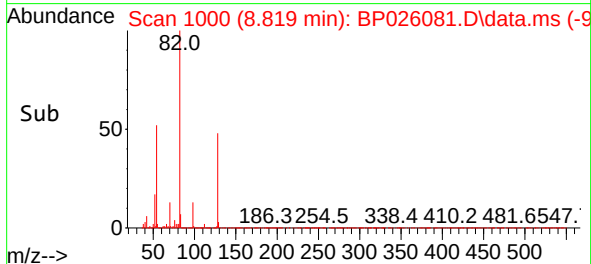
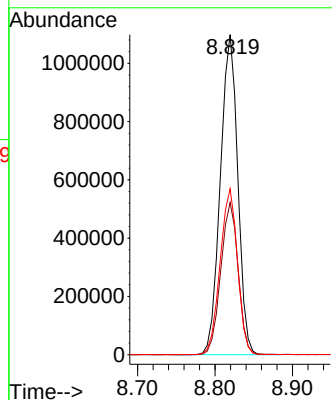
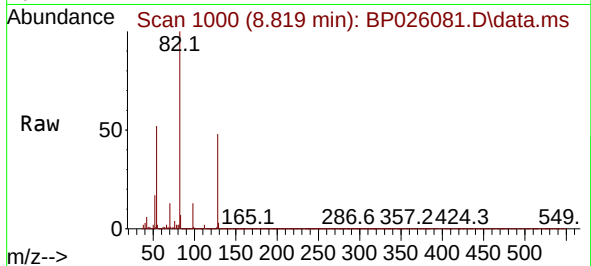




#23
Nitrobenzene-d5
Concen: 99.245 ng
RT: 8.819 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

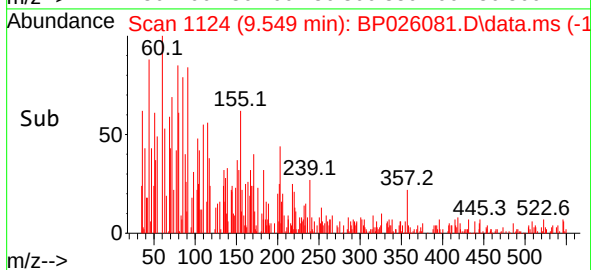
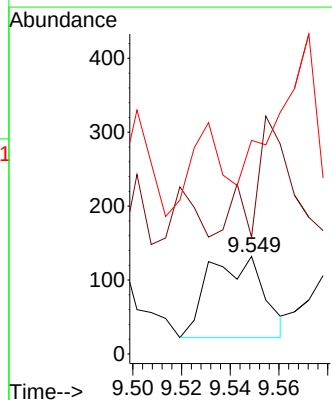
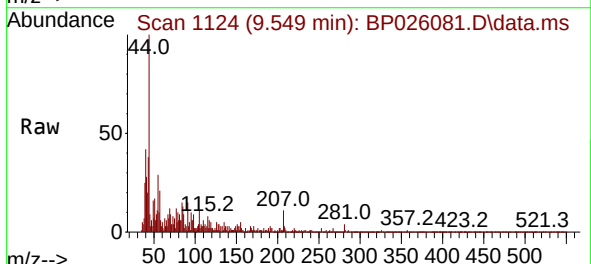
Instrument :
BNA_P
ClientSampleId :
EB-1

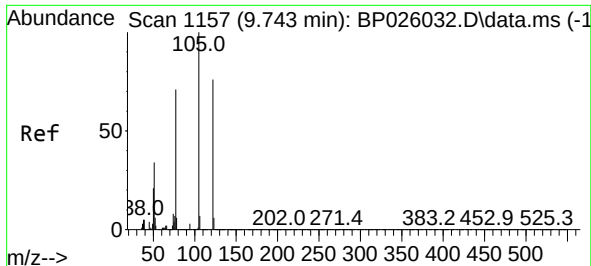
Tgt Ion: 82 Resp: 1711143
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 51.9 42.7 64.1



#26
2-Nitrophenol
Concen: 2.702 ng
RT: 9.549 min Scan# 1124
Delta R.T. -0.017 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion: 139 Resp: 174
Ion Ratio Lower Upper
139 100
109 108.2 24.8 37.2#
65 197.9 39.0 58.4#

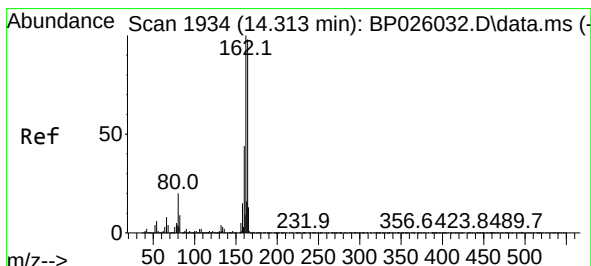
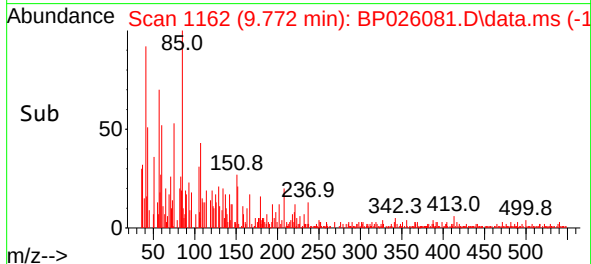
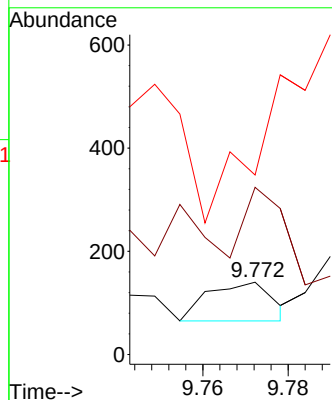
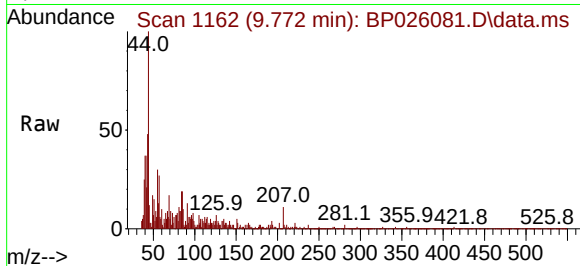




#32
Benzoic acid
Concen: 3.127 ng
RT: 9.772 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

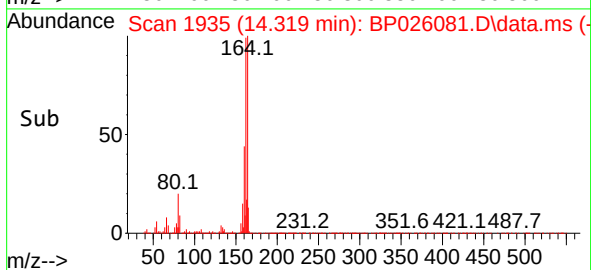
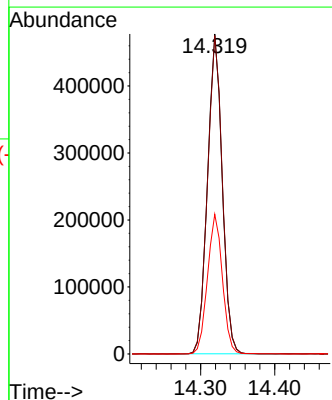
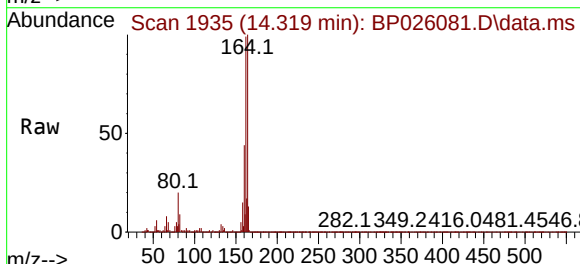
Instrument :
BNA_P
ClientSampleId :
EB-1

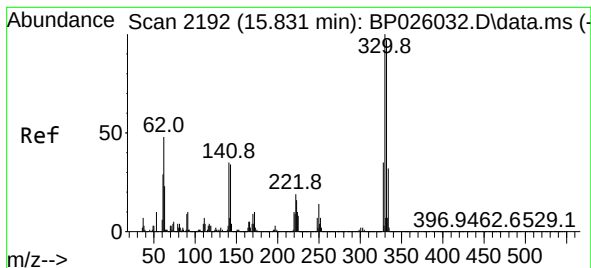
Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 231.4 104.8 144.8#
77 248.6 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:164 Resp: 656338
Ion Ratio Lower Upper
164 100
162 99.5 81.5 122.3
160 43.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 163.217 ng

RT: 15.837 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026081.D

Acq: 06 Nov 2025 17:45

Instrument :

BNA_P

ClientSampleId :

EB-1

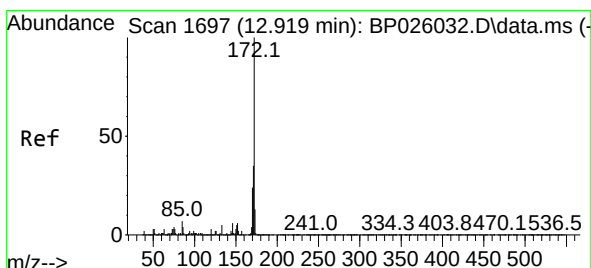
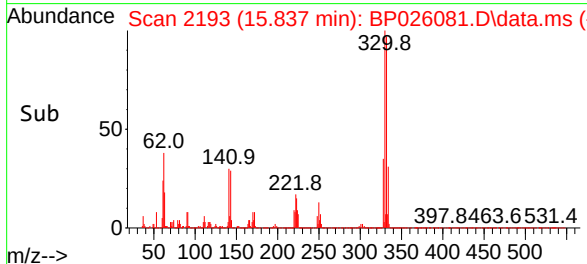
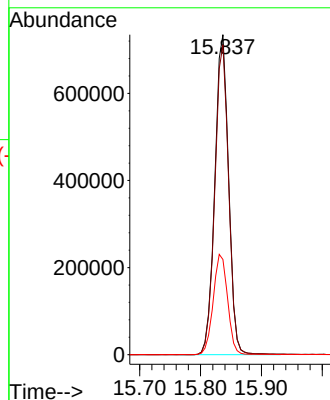
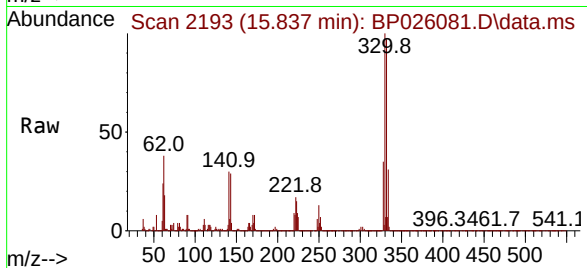
Tgt Ion:330 Resp: 1158129

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 32.7 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 85.725 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026081.D

Acq: 06 Nov 2025 17:45

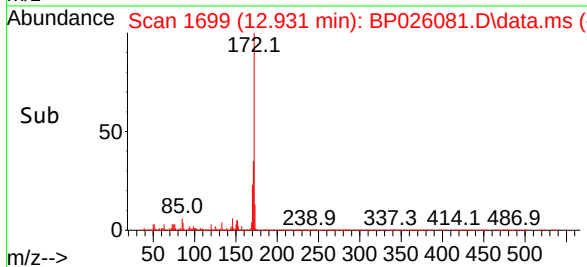
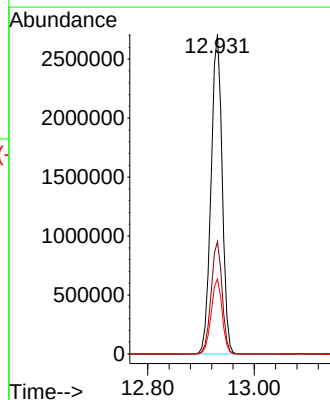
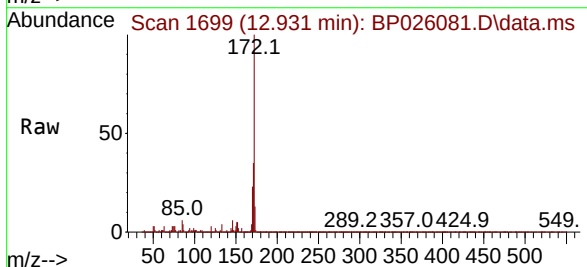
Tgt Ion:172 Resp: 3915612

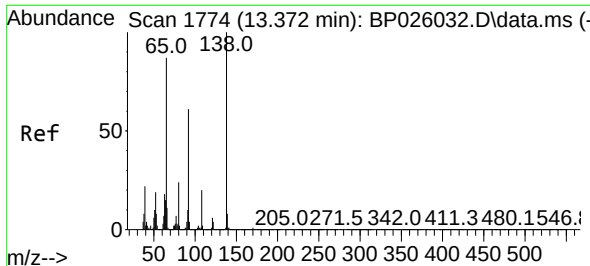
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.4 19.0 28.4

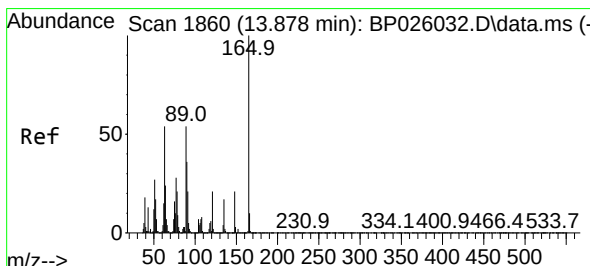
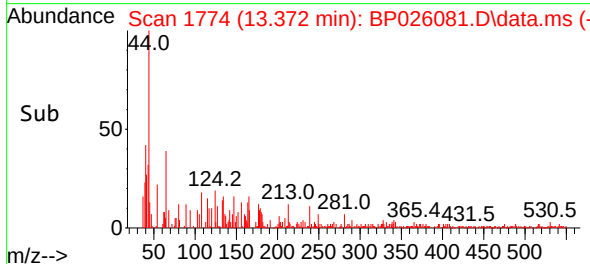
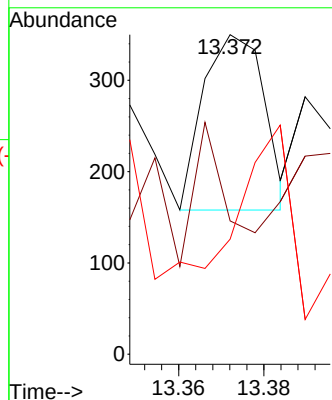
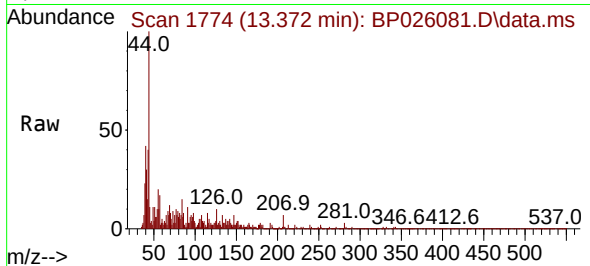




#48
2-Nitroaniline
Concen: 2.927 ng
RT: 13.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

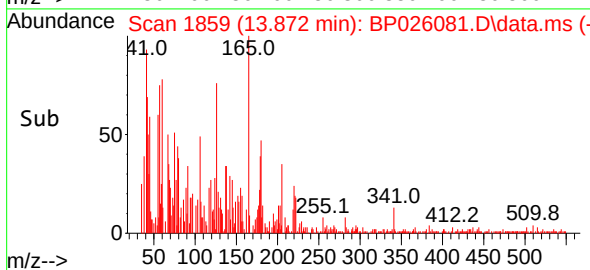
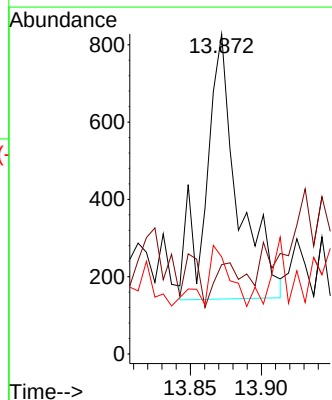
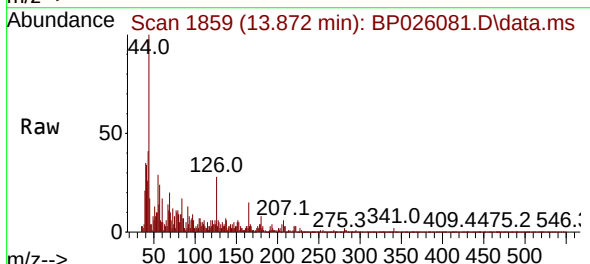
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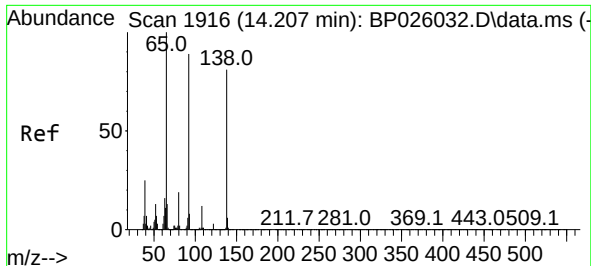
Tgt Ion: 65 Resp: 192
Ion Ratio Lower Upper
65 100
92 41.7 55.5 83.3#
138 36.0 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.104 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion: 165 Resp: 1075
Ion Ratio Lower Upper
165 100
63 27.9 43.0 64.4#
89 30.3 43.0 64.4#

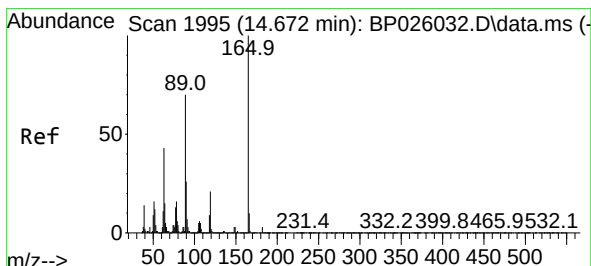
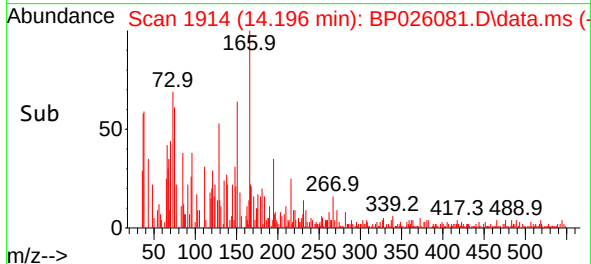
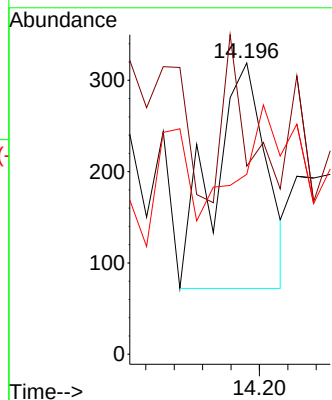
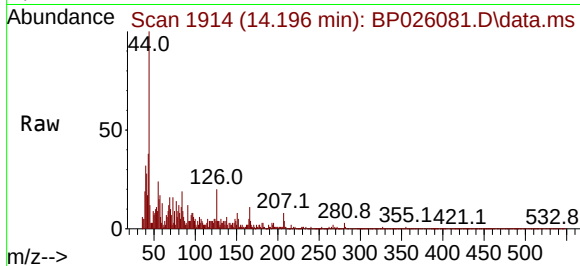




#53
3-Nitroaniline
Concen: 2.665 ng
RT: 14.196 min Scan# 1916
Delta R.T. -0.011 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

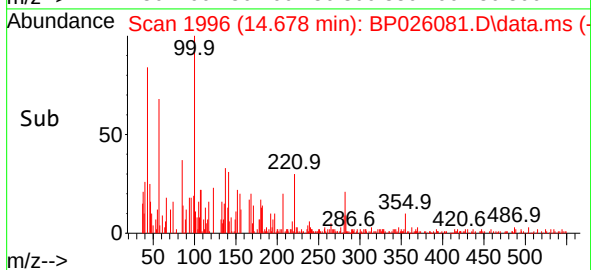
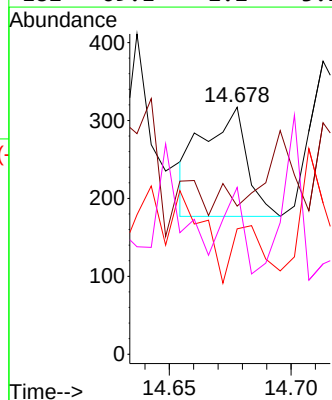
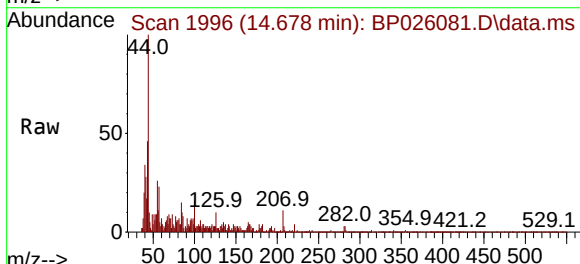
Instrument :
BNA_P
ClientSampleId :
EB-1

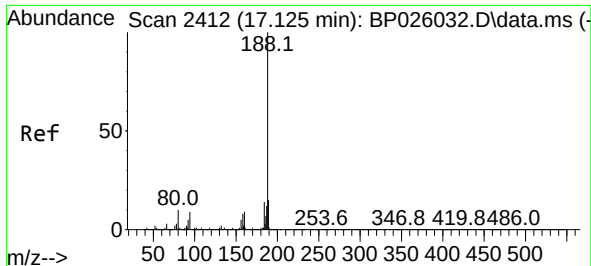
Tgt Ion:138 Resp: 318
Ion Ratio Lower Upper
138 100
108 64.6 11.4 17.0#
92 61.8 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.100 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:165 Resp: 179
Ion Ratio Lower Upper
165 100
63 59.9 34.2 51.2#
89 50.8 56.0 84.0#
182 69.1 2.2 3.2#

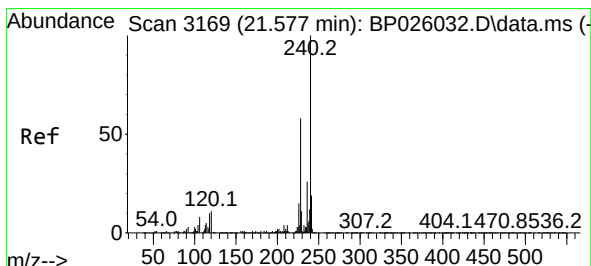
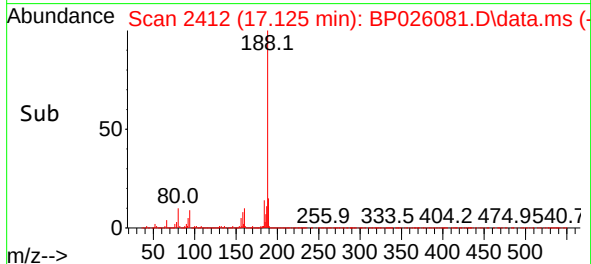
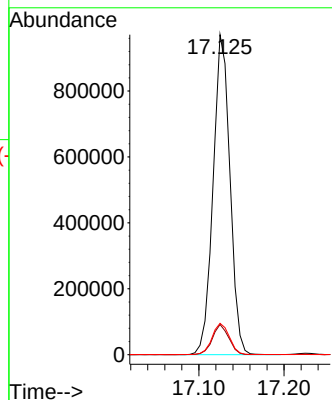
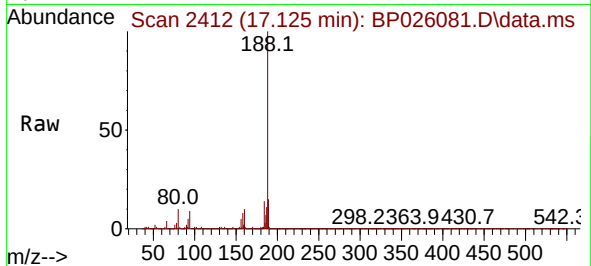




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

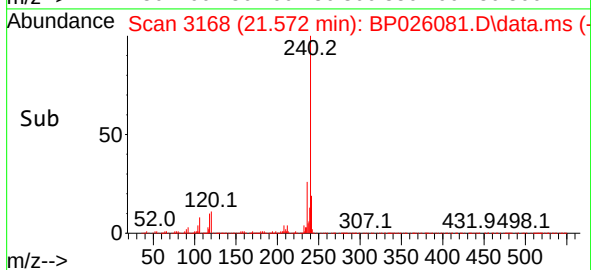
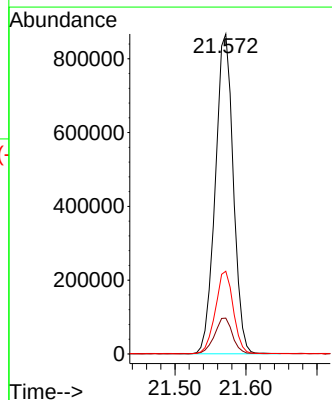
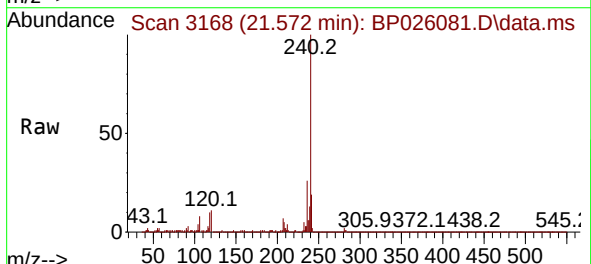
Instrument :
BNA_P
ClientSampleId :
EB-1

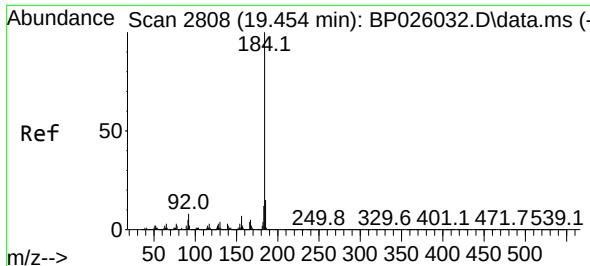
Tgt Ion:188 Resp: 1338846
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:240 Resp: 1519419
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.9 20.6 31.0

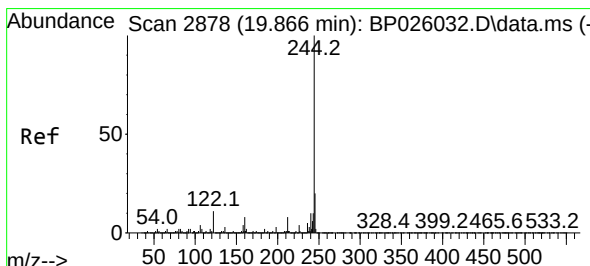
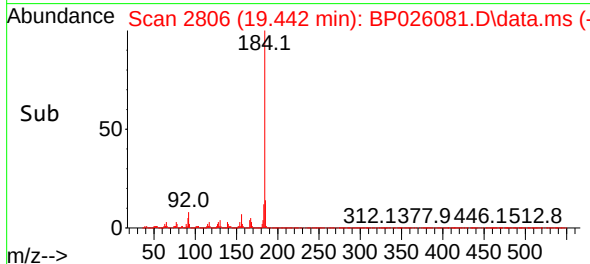
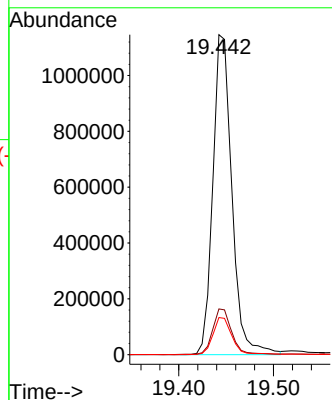
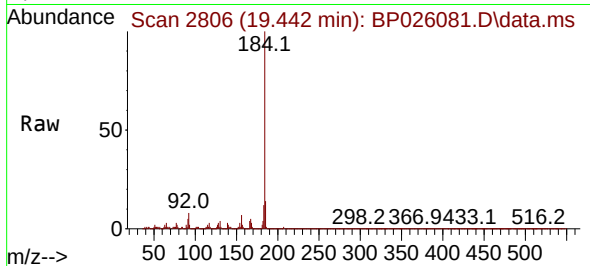




#77
Benzidine
Concen: 41.512 ng
RT: 19.442 min Scan# 2806
Delta R.T. -0.011 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

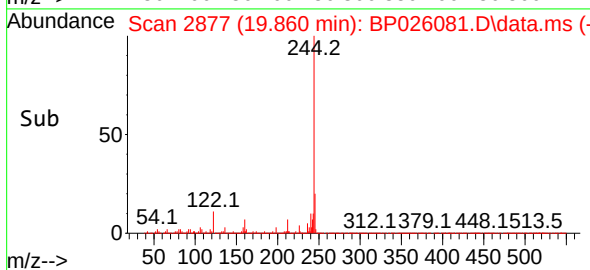
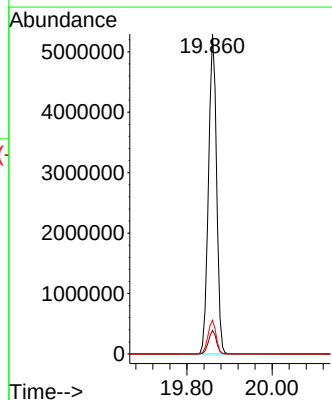
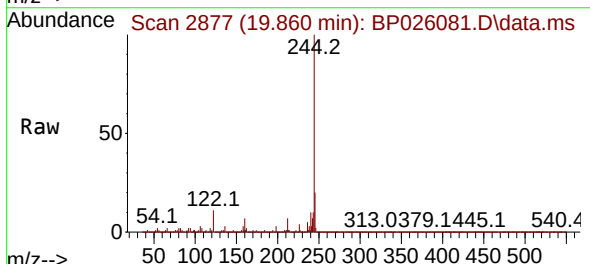
Instrument :
BNA_P
ClientSampleId :
EB-1

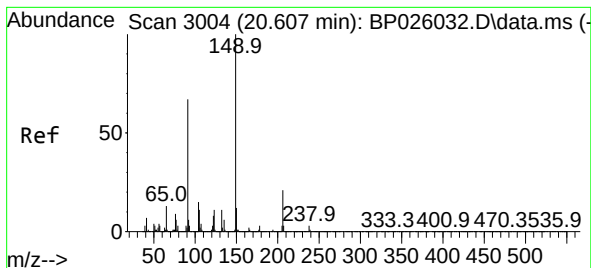
Tgt Ion:184 Resp: 1600987
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.6 9.2 13.8



#79
Terphenyl-d14
Concen: 92.908 ng
RT: 19.860 min Scan# 2877
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:244 Resp: 6948205
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.6 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.466 ng

RT: 20.595 min Scan# 3002

Delta R.T. -0.012 min

Lab File: BP026081.D

Acq: 06 Nov 2025 17:45

Instrument :

BNA_P

ClientSampleId :

EB-1

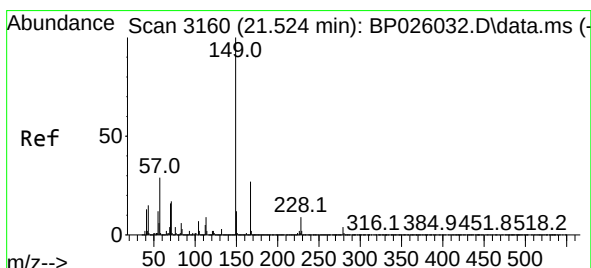
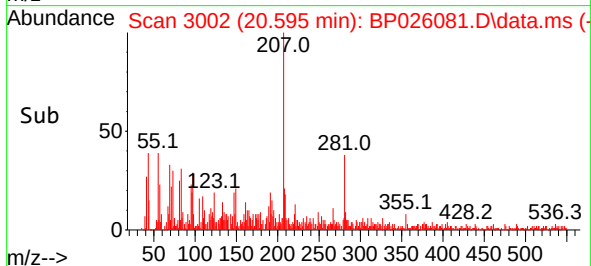
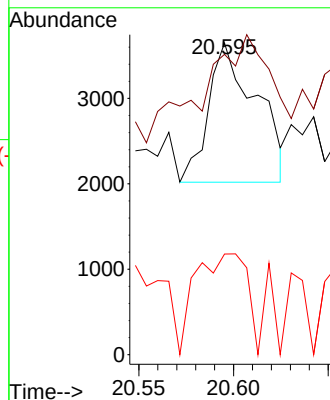
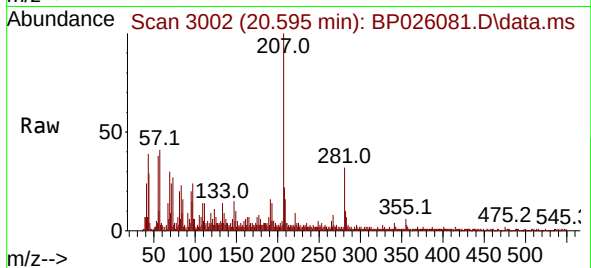
Tgt Ion:149 Resp: 2856

Ion Ratio Lower Upper

149 100

91 96.3 53.5 80.3#

206 32.3 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.842 ng

RT: 21.519 min Scan# 3159

Delta R.T. 0.001 min

Lab File: BP026081.D

Acq: 06 Nov 2025 17:45

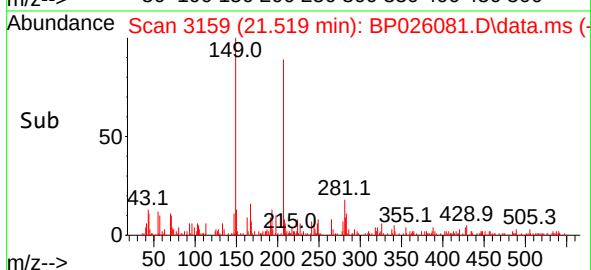
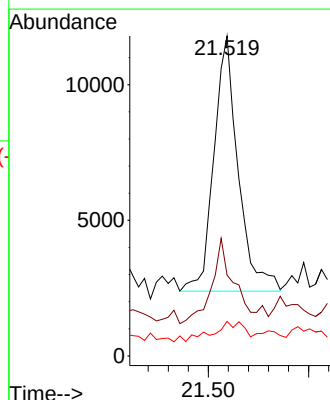
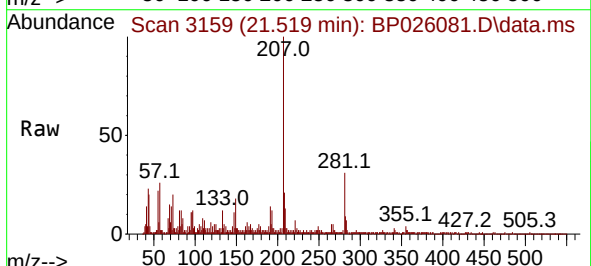
Tgt Ion:149 Resp: 15838

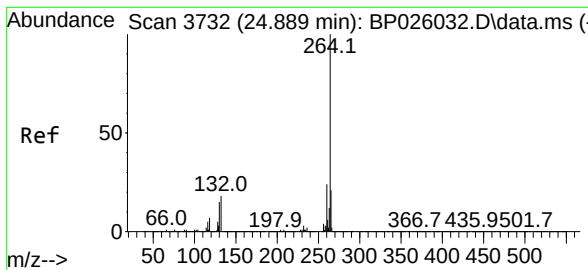
Ion Ratio Lower Upper

149 100

167 25.2 21.5 32.3

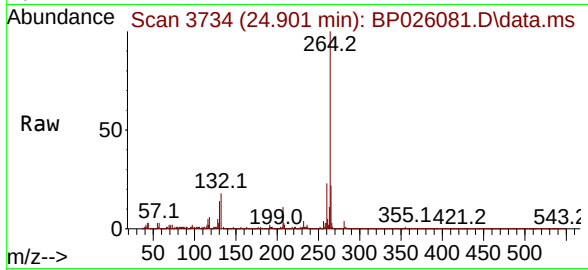
279 10.8 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.901 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BP026081.D
 Acq: 06 Nov 2025 17:45

Instrument :
 BNA_P
 ClientSampleId :
 EB-1



Tgt Ion: 264 Resp: 1841615

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.1	17.2	25.8

