

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)

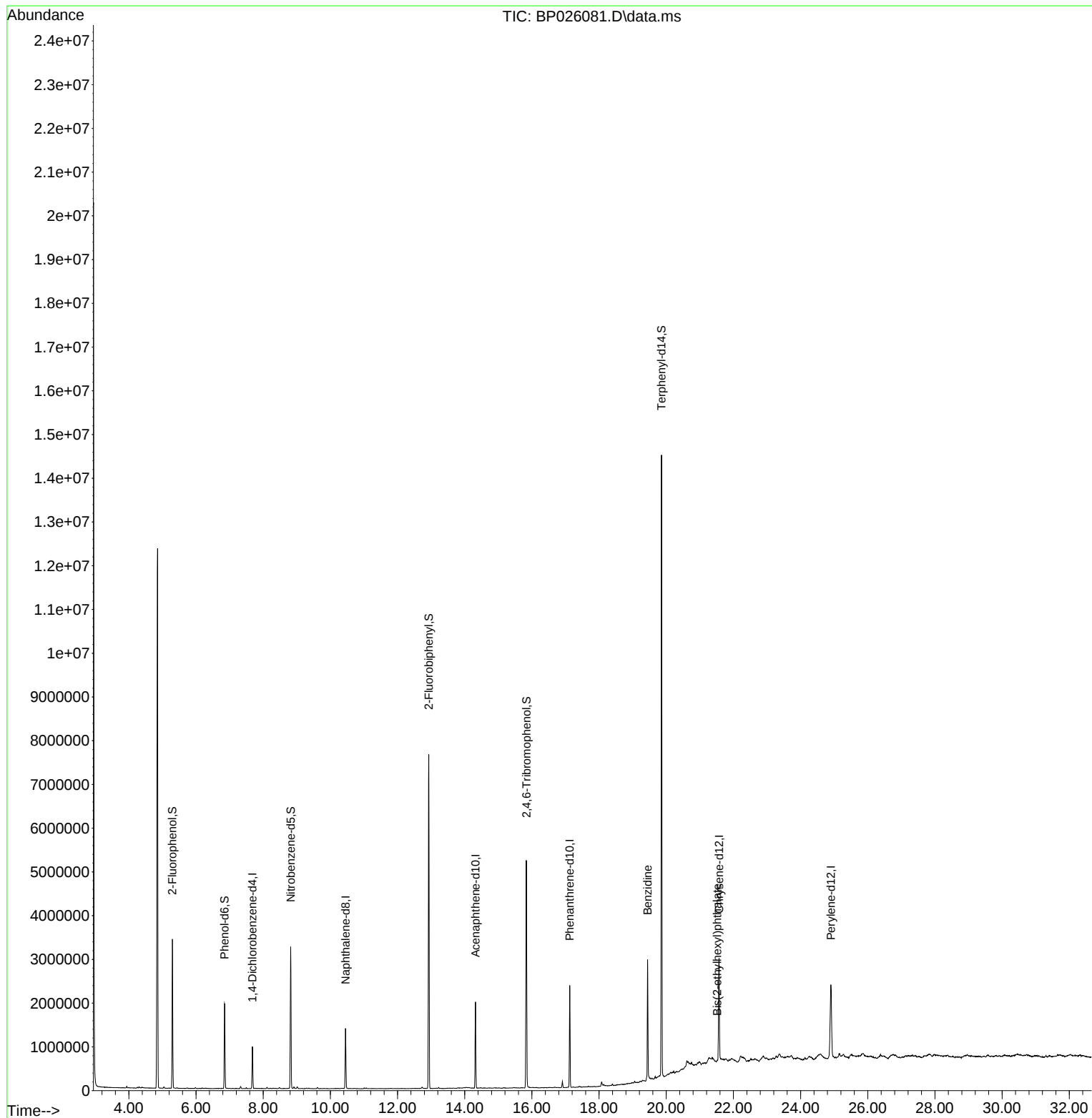
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	277359	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1074842	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	656338	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1338846	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1519419	20.000	ng	0.00
86) 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						
77) Benzidine	19.442	184	1600987	41.512	ng	Qvalue 99
84) Bis(2-ethylhexyl)phtha...	21.519	149	15838	2.842	ng	# 95

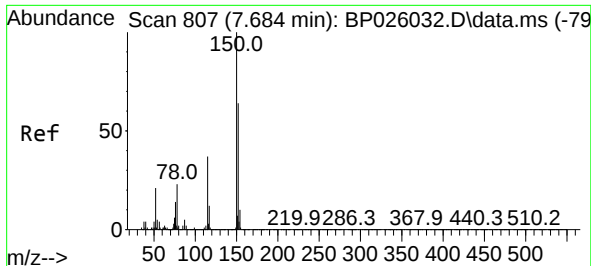
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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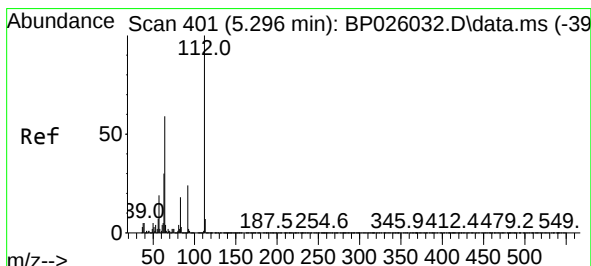
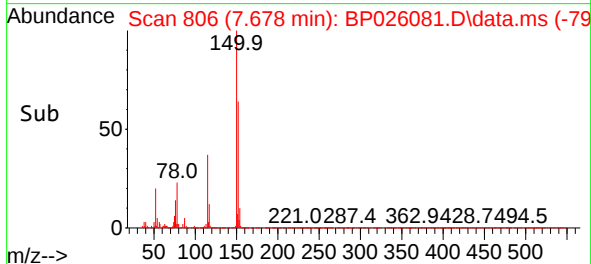
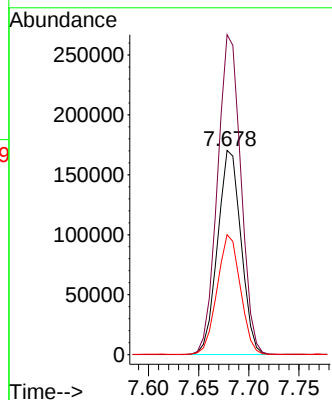
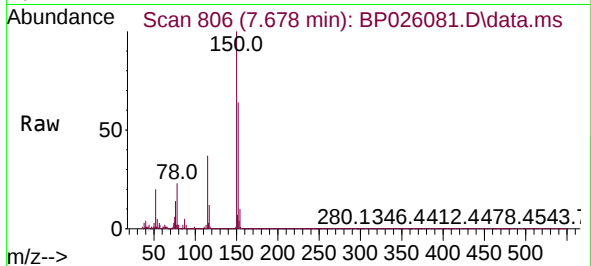




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

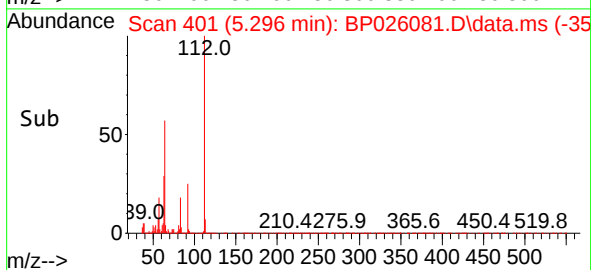
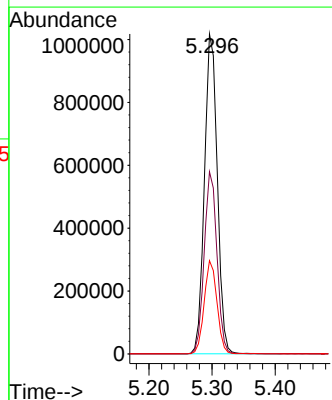
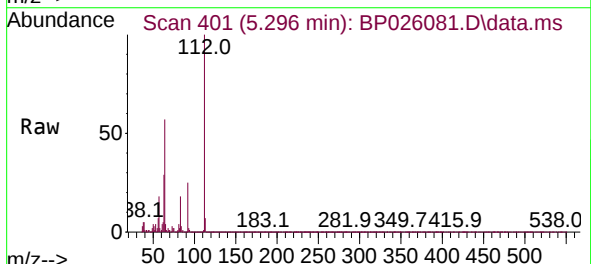
Instrument :
BNA_P
ClientSampleId :
EB-1

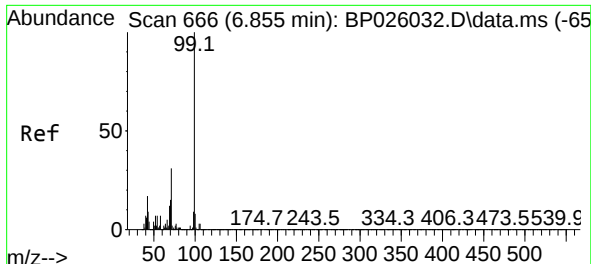
Tgt Ion:152 Resp: 277359
Ion Ratio Lower Upper
152 100
150 156.7 125.7 188.5
115 58.7 46.4 69.6



#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

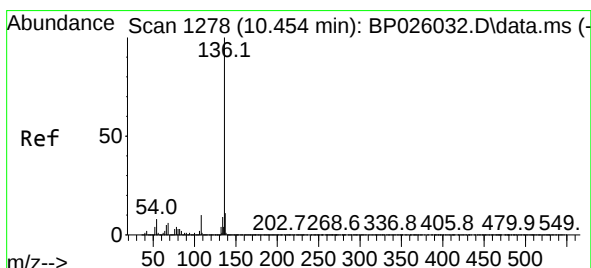
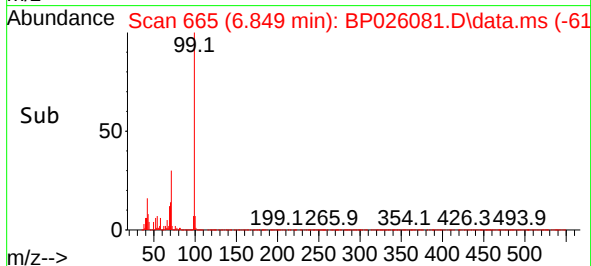
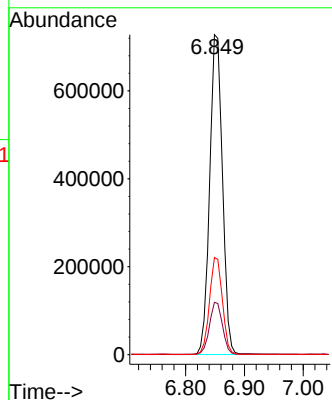
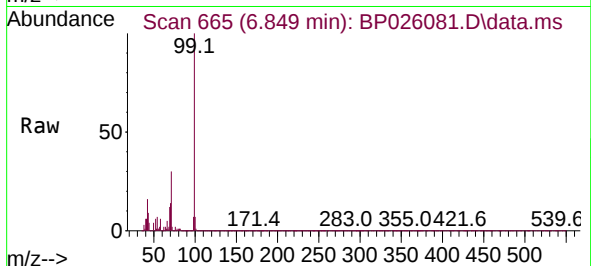




#7
Phenol-d6
Concen: 51.481 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

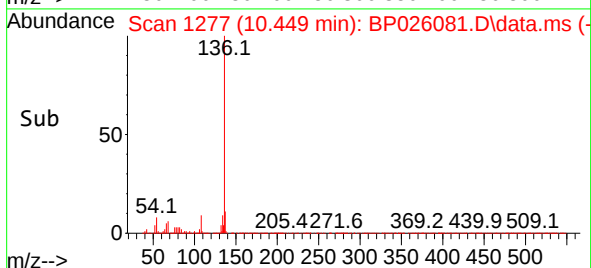
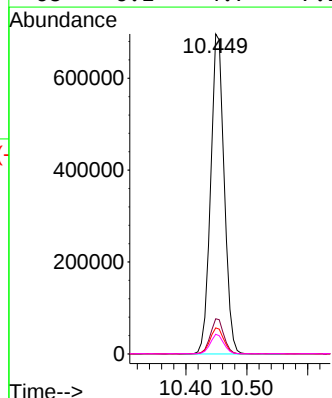
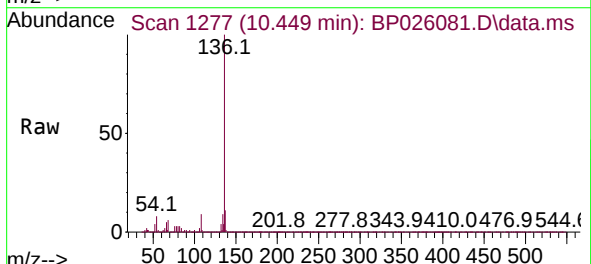
Instrument :
BNA_P
ClientSampleId :
EB-1

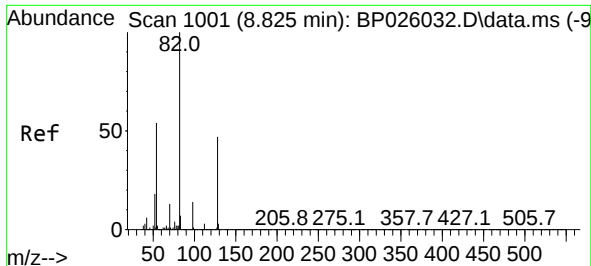
Tgt Ion: 99 Resp: 1101390
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 30.3 24.4 36.6



#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

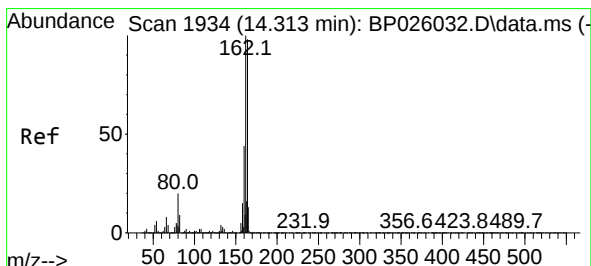
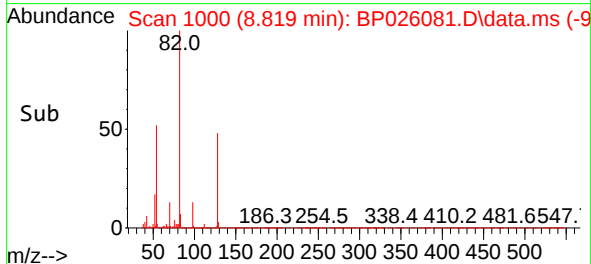
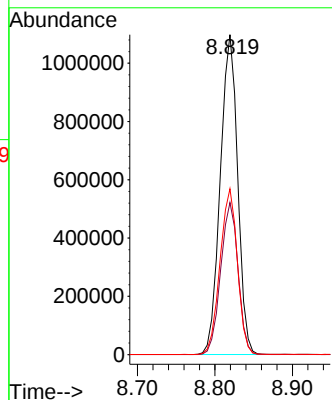
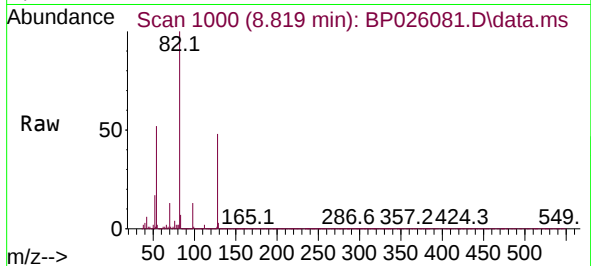




#23
Nitrobenzene-d5
Concen: 99.245 ng
RT: 8.819 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

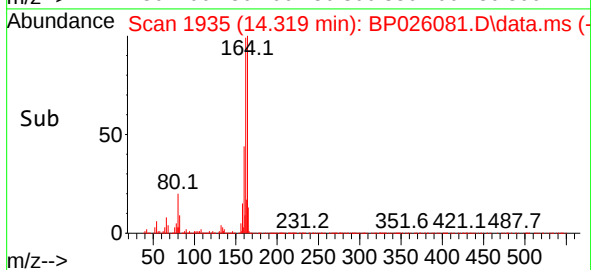
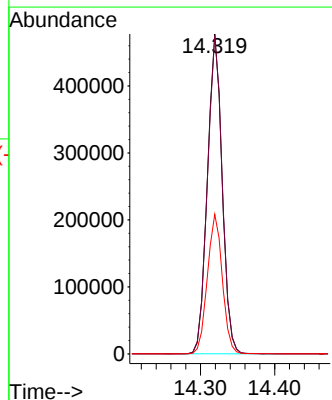
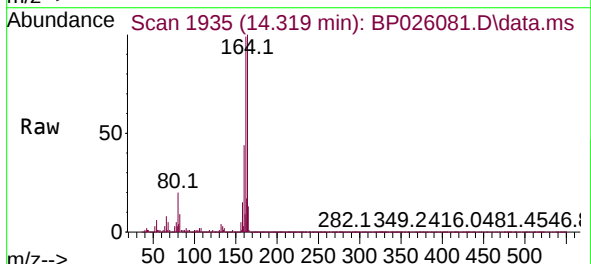
Instrument :
BNA_P
ClientSampleId :
EB-1

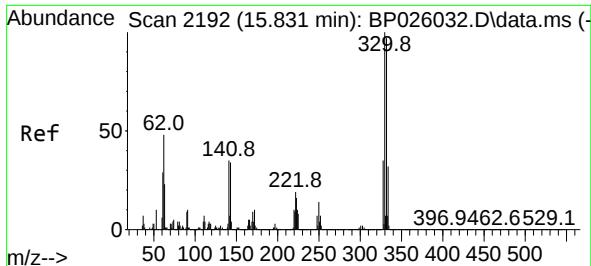
Tgt Ion: 82 Resp: 1711143
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 51.9 42.7 64.1



#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

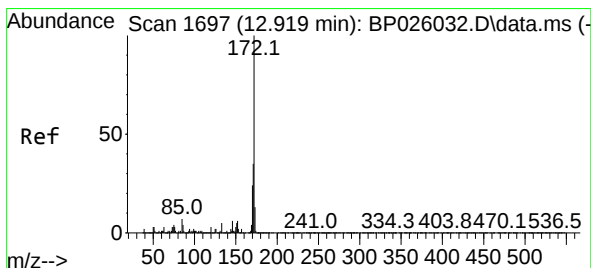
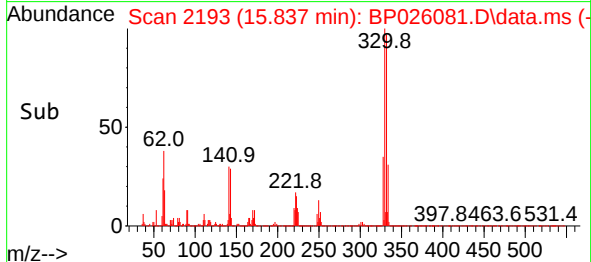
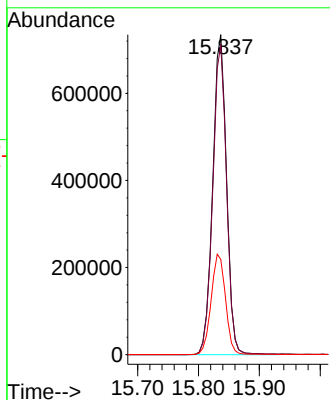
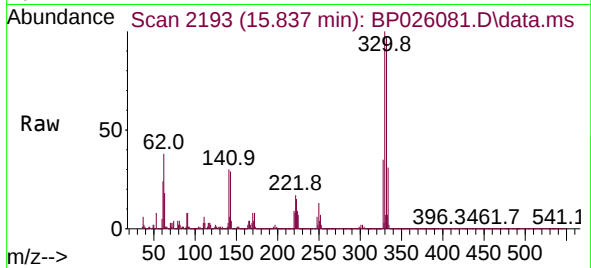




#42
2,4,6-Tribromophenol
Concen: 163.217 ng
RT: 15.837 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

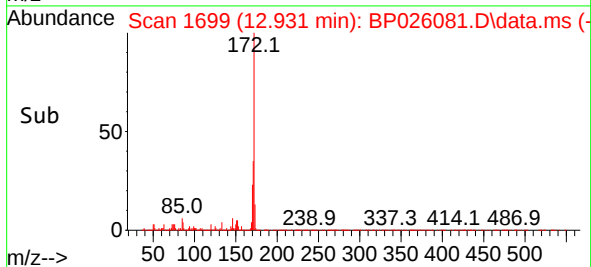
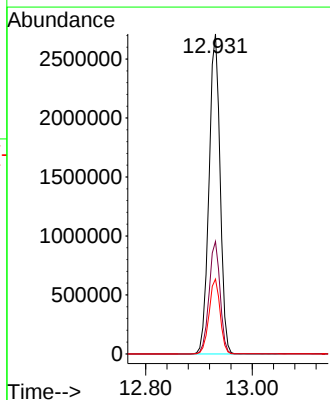
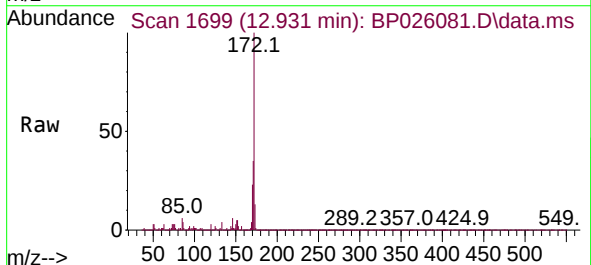
Instrument :
BNA_P
ClientSampleId :
EB-1

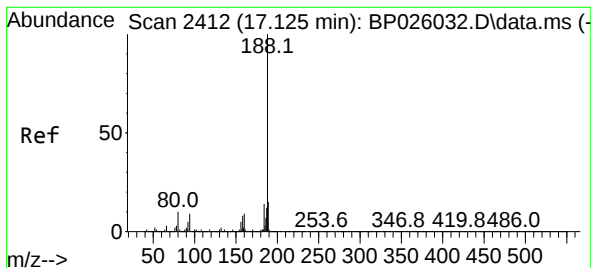
Tgt Ion:330 Resp: 1158129
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.7 28.6 42.8



#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





#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

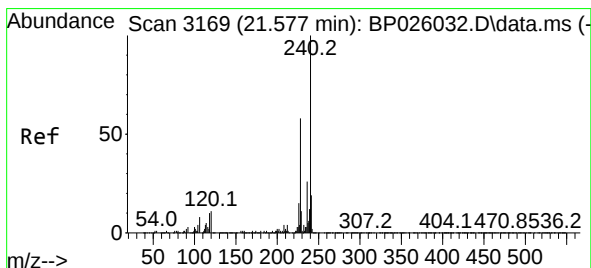
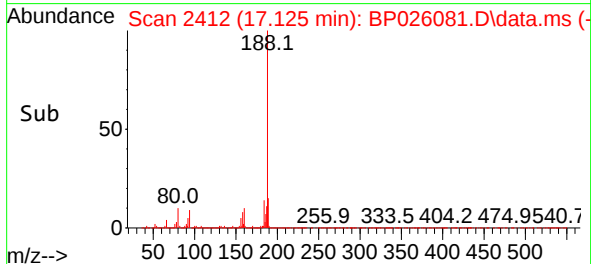
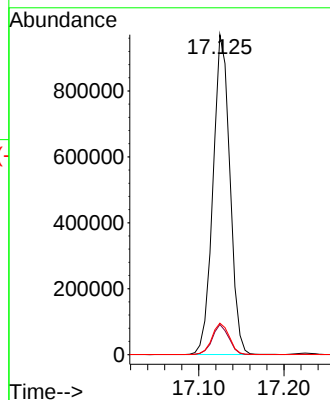
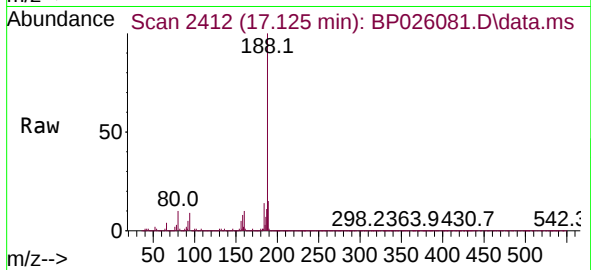
Tgt Ion:188 Resp: 1338846

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

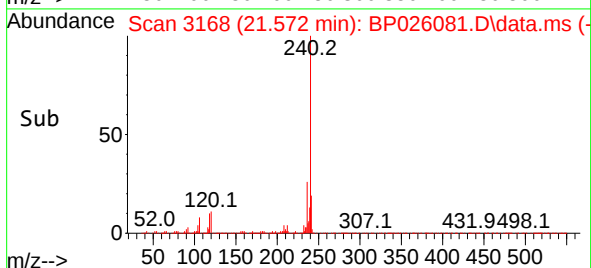
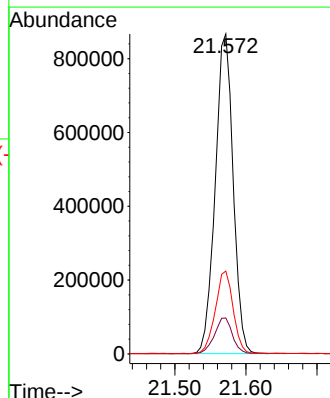
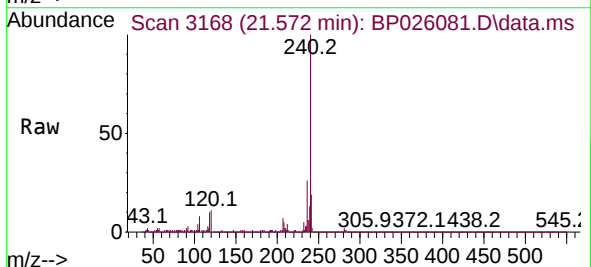
Tgt Ion:240 Resp: 1519419

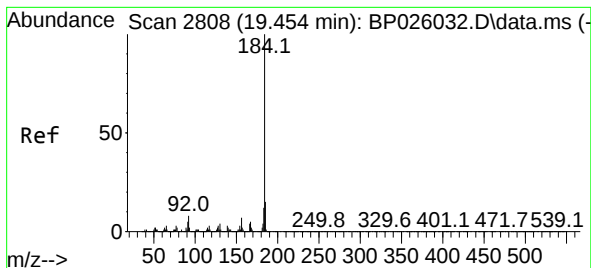
Ion Ratio Lower Upper

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

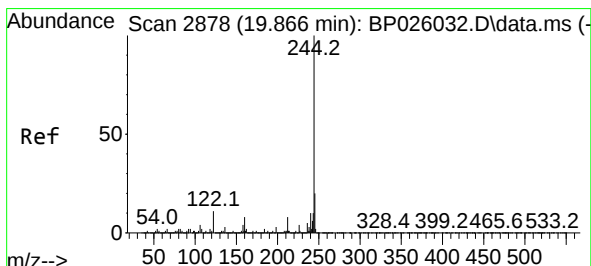
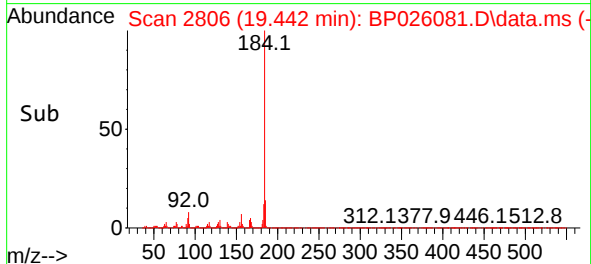
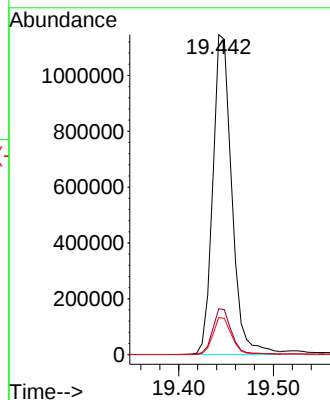
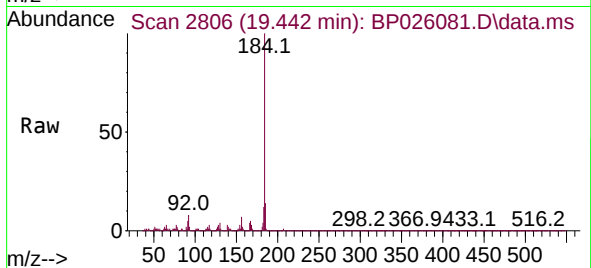
Tgt Ion:184 Resp: 1600987

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

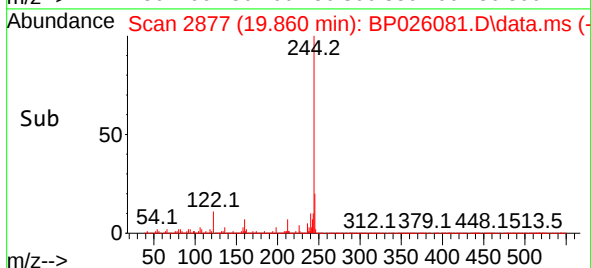
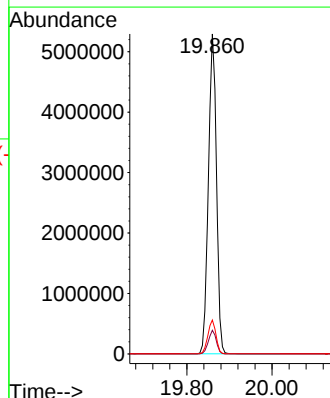
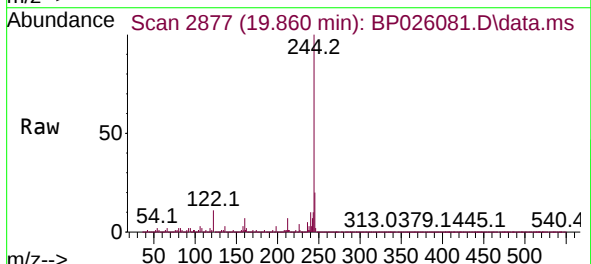
Tgt Ion:244 Resp: 6948205

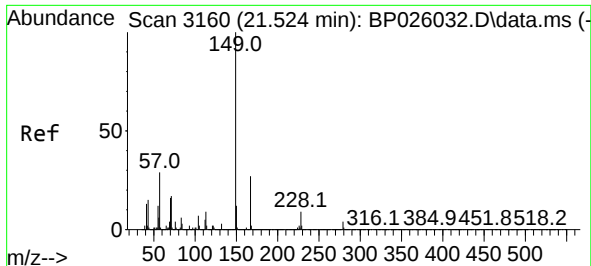
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.6 9.0 13.6

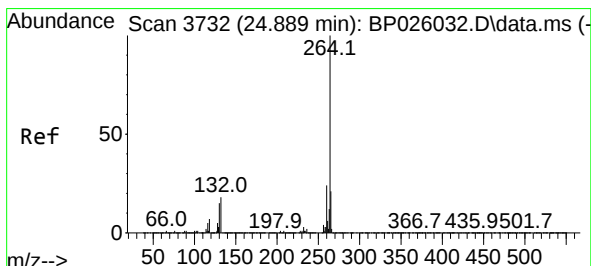
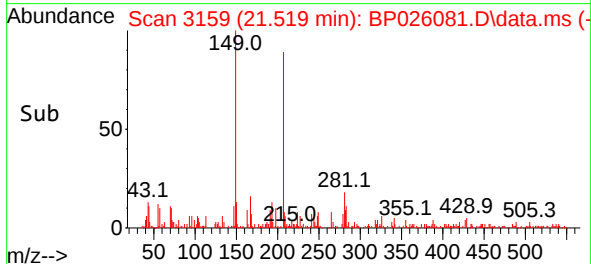
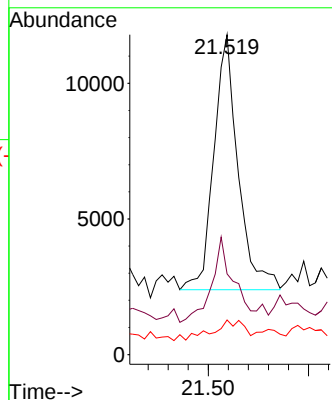
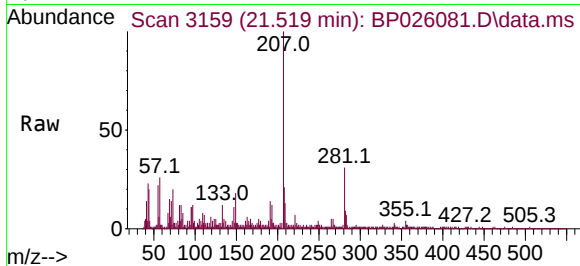




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.842 ng
RT: 21.519 min Scan# 3160
Delta R.T. 0.001 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
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ClientSampleId :
EB-1

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# 3734
Delta R.T. 0.018 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

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

